



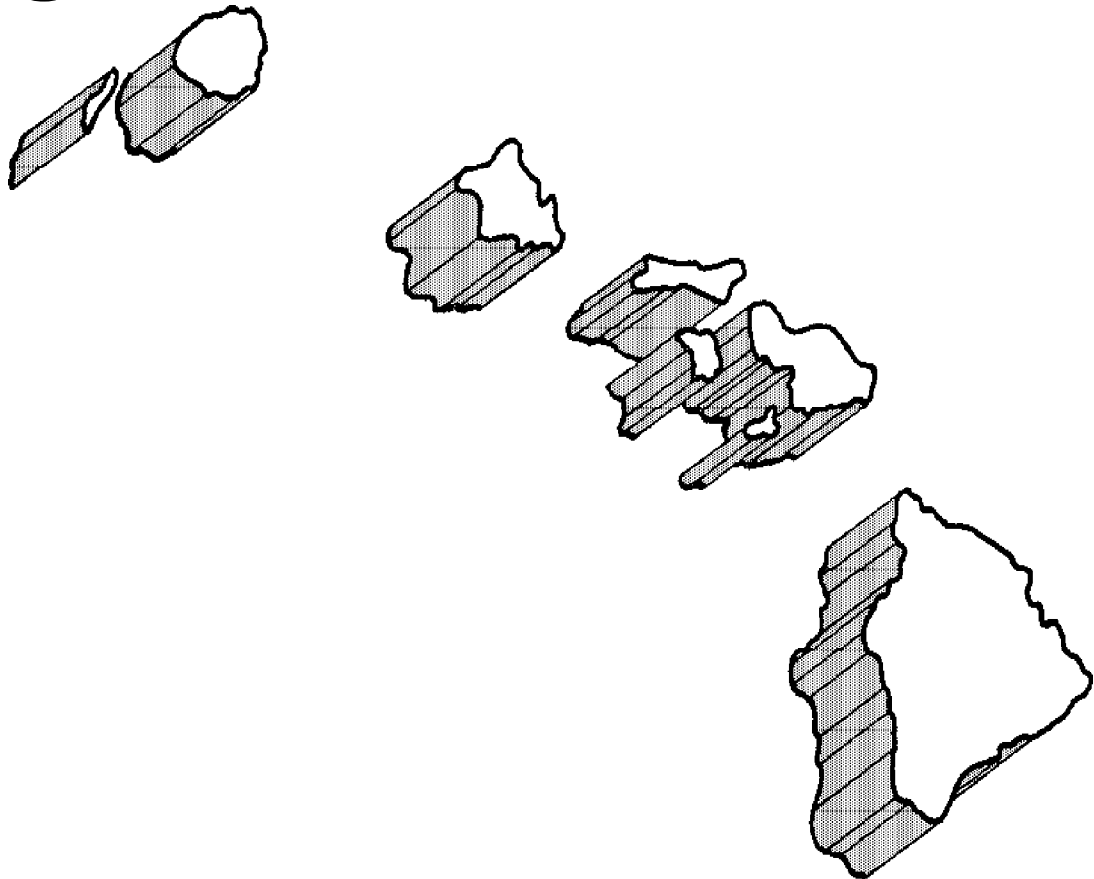
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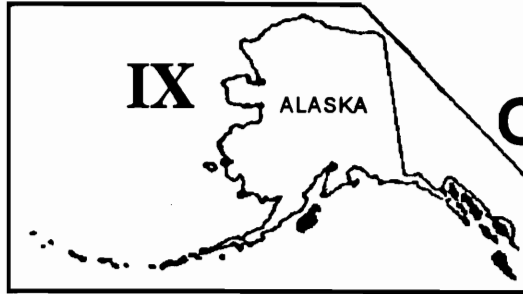
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# Construction Equipment Ownership and Operating Expense Schedule

## Region X



# Regions for the Construction Equipment Ownership and Operating Expense Schedule



CECW-EC

DEPARTMENT OF THE ARMY  
U.S. Army Corps of Engineers  
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## CONSTRUCTION EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE

1. Purpose. This pamphlet is authorized by and established in accordance with Federal Acquisition Regulation (FAR) 31.105 and Engineer Federal Acquisition Regulation (EFAR) SUBPART 31.105. This pamphlet establishes predetermined equipment ownership and operating expense rates for construction and marine equipment. Expense factors for dredges and attendant plant are provided in Chapter 4 for use in the development of rates associated with this type of equipment.

2. Applicability. This pamphlet applies to all USACE commands. It is applicable to all solicitations and contracts for construction expected to exceed the Simplified Acquisition Threshold of \$100,000 when actual cost data for both ownership and operating costs cannot be determined. This volume is for use in Region X which includes the following states:

Hawaii

3. References. See **APPENDIX A**.

4. Distribution Statement. Approved for public release, distribution is unlimited.

FOR THE COMMANDER:

10 Appendices  
(See Table of Contents)

RUSSEL L. FUHRMAN  
Major General, USA  
Chief of Staff

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## CHAPTER 1

### INTRODUCTION

1-1. Use. The use of this pamphlet for rate determination on construction contracts, dredging contracts and negotiated procurements relates only to equipment that is contractor-owned.

a. This pamphlet shall be used for determining hourly equipment rates that are contained in the independent government estimate (IGE).

b. In addition, the use of this pamphlet will be required by contractors for pricing contractor-owned equipment in negotiated procurements when:

(1) Cost or pricing data as defined in FAR Part 15 is not required.

(2) Cost or pricing data is required and the actual cost data to support either ownership or operating costs for equipment or equipment groups of similar model and series is not available.

(3) Cost or pricing data is required and available, but all or part of the data is determined not to be in accordance with the FAR cost principles.

1-2. How to Obtain Assistance. If assistance is needed in understanding the methodology for calculating equipment rates, contact the Chief, Cost Engineering Branch, Walla Walla District, Corps of Engineers, (CENWW-ED-C) telephone 509-527-7511 or 509-527-7510. The CENWW-ED-C Homepage is at <http://www.nww.usace.army.mil/html/offices/ed/cb/cepage.htm>.

1-3. How to Obtain CHECKRATE Software. A spreadsheet named "**CHECKRATE**" has been developed to calculate equipment rates using the methodology required by EP1110-1-8. The user must have Microsoft Excel for Windows, Version 5.0 or newer, to run the application. The factors needed in the hourly costs calculations are located in the Appendixes of the EP1110-1-8. A copy of the software may be obtained at <http://www.nww.usace.army.mil/html/offices/ed/cb/ep/checkrat.htm>.

1-4. How to Obtain this Publication. Volumes 1 through 12 of this pamphlet are available in Portable Document Format (PDF) only and can be viewed or downloaded at <http://www.usace.army.mil/inet/usace-docs/eng-pamphlets/cecw.htm>. Copies of the CD-ROM (Volumes 1-12) are also available through either the Superintendent of Documents or government bookstores (see APPENDIX A). For additional information telephone 202-512-1800, FAX 202-512-2250, or access on the Internet at [http://www.access.gpo.gov/su\\_docs](http://www.access.gpo.gov/su_docs).



## CHAPTER 2

### METHODOLOGY FOR CONSTRUCTION EQUIPMENT

#### SECTION I. GENERAL

2-1. Contents. This chapter provides the methodology used to compute the total hourly ownership and operating rates for construction equipment and marine equipment (except dredging plant). This detailed methodology includes the formulas and factors used to develop both total hourly rates and hourly standby rates. If the equipment is determined to be older than its estimated economic life (overage) or was purchased used, refer to Chapter 3, Adjustments to Rates.

2-2. Basis for Equipment Rates. The hourly rates shown in TABLE 2-1, Hourly Equipment Ownership and Operating Expense Schedule reflect catalog list prices of three-year old equipment manufactured in 1996. Area factors are used to compute regional ownership and operating expenses and are listed in APPENDIX B, Area Factors. This hourly rate methodology assumes that equipment furnished to the job is in sound, workable condition. Furthermore, the methodology applies only to equipment which prime contractors or subcontractors either own or control. These hourly rates and cost factors do not represent rental charges for those in the business of renting equipment.

2-3. Total Hourly Rate. Hourly rates for average conditions are shown in TABLE 2-1 and computed based on a 40-hour workweek. The hourly rate is the sum of ownership and operating costs. TABLE 2-2, Hourly Rate Elements, contains all individual rate elements for both average and severe conditions. An example of the methodology used to compute the total hourly rate is shown in Figure 2-1. For standby calculation, see Section IX, Standby Hourly Rate.

a. Ownership Cost Elements. The ownership portion of the rate consists of an allowance for depreciation and facilities capital cost of money (FCCM).

b. Operating Cost Elements. Operating costs include allowances for the following:

- Fuel
- Filters, oil, and grease (FOG) (includes servicing)
- Repairs, which include maintenance and major overhauls
- Tire wear (replacement)
- Tire repair

c. Exclusions to Hourly Rates. Total hourly rates for owning and operating equipment do not include allowances for the following:

- Operating labor
- Mobilization and demobilization

Field office overhead expenses  
Home office or G&A overhead expenses  
Investment tax credit  
Contingency allowance  
Profit

It should also be noted that replacement cost is not included in the rates, as it is not an allowable item of cost per FAR 31.105(d)(2)(i).

d. Other Ownership Elements. The following elements of cost are not included in the total hourly rates. These costs are allowable and would normally be included in the contractor's field office or home office overhead rate calculation.

(1) License fees, property taxes, storage, and insurance costs are considered indirect costs and are not included in the total hourly rates.

(2) Jobsite security, inspection fees, record keeping, mechanics' training, and highway permits are also not included in the total hourly rates.

## **SECTION II. OPERATING CONDITIONS**

2-4. Average, Difficult, or Severe Conditions. Operating conditions may be average, difficult, or severe. Rates for both average and severe operating conditions are determined in accordance with APPENDIX C, Guide for Selecting Operating Conditions. Rates for the difficult condition is the arithmetic mean of the average and the severe rates. If only the average rate is shown in TABLE 2-2, that rate will apply for all operating conditions. Average condition rates are included in both TABLE 2-1 and TABLE 2-2. Only TABLE 2-2 contains the severe condition rates.

2-5. Determination of Condition. For contract modifications the contracting officer determines the equipment operating condition to be used based. This determination is based on the contract specifications, the site conditions, the basis of any supporting evidence, and APPENDIX C guidance. Evaluation of operating conditions for equipment not listed in APPENDIX C will be consistent with examples shown in APPENDIX C. The operating condition of the equipment relates to the average and severe factors as detailed in APPENDIX D, Equipment Hourly Expense Calculation Factors.

## **SECTION III. EQUIPMENT SELECTION**

2-6. General. Equipment shown in TABLE 2-1 is representative of equipment that is used in general construction. Note that some equipment may require additional attachments or accessories. Each unit of equipment is grouped into a main group called a Category (CAT) and a sub group called a Subcategory (SUB). This type of

grouping is displayed in Table 2-1 and Appendix D. Also an Identification Number (ID.NO.) is assigned to each unit of equipment. The ID.NO. consists of three parts. The first three characters is the CAT, the second two characters is the manufacturers code (Appendix H) and the last three characters is the sequence number.

2-7. Truck Selection. Because of the large number of possible combinations of highway truck chassis and bodies, both are listed separately. For estimating purposes, use the gross vehicle weight (GVW) rating of the truck chassis to make a selection, with the following conditions:

a. The combined weight of the truck chassis, truck body, and payload must not exceed the GVW rating shown for the truck chassis.

b. The gross combined weight (GCW) of the truck, trailer, and payload must not exceed the GCW rating shown.

2-8. Crawler Tractor Selection. Because of the various number of blade and ripper combinations available for each crawler tractor, all tractors include a blade attachment. Other blade and ripper attachments are shown separately. Only the hourly expense for those attachments that are required to perform the work shall be allowed.

2-9. Equipment Accessories. Equipment accessories included on the major pieces of equipment in TABLE 2-1 are listed in APPENDIX J, Equipment Accessories.

#### **SECTION IV. EQUIPMENT VALUE**

2-10. List Price + Accessories. The total list price includes those accessories normally purchased by the contractor plus required safety features. Some units of equipment may no longer be manufactured; they will continue to be included in the pamphlet as representative models until equivalent replacement units can be identified.

2-11. Discount Code. A 7.5 percent discount is taken on the total list price plus accessories for all equipment except highway trucks that are discounted 15.0 percent. The identification of the discount is shown in APPENDIX D under column heading DC (Discount Code), where B equals the basic discount of 7.5 percent and S equals the special discount of 15.0 percent.

2-12. Sales or Import Tax. Total state sales tax (which includes local taxes) or import tax is computed as a percentage of the discounted price. The amount of tax is given in APPENDIX B.

2-13. Freight. Estimated allowances for freight are given in APPENDIX B. This allowance includes preparation and delivery. Multiply the shipping weight based on hundred weight (CWT) by the freight rate to determine freight charges.

2-14. Total Equipment Value (TEV). Freight is added to the total discounted price (which includes sales tax) to arrive at the TEV. The estimated TEV is indicated in TABLE 2-1 under the column heading VALUE.

## SECTION V. LIFE

2-15. Economic Life. LIFE is the expected economic life of the equipment and will vary based on the type of equipment and the condition of use. It is established from manufacturers' or equipment associations' recommendations. The expected economic life in hours is given in APPENDIX D, under the column heading LIFE, for both average and severe conditions.

2-16. Working Hours Per Year. Annual average operating hours has been established for equipment working within the region covered by this pamphlet. The number of working hours per year (WHPY) as shown in APPENDIX B is equivalent to one year's use for a single shift operation. Average hours of use per year are determined by reducing the maximum available hours per year (40 hours per week, 52 weeks per year) to allow for lost working days due to the following factors:

- Weather
- Employee holidays
- Equipment maintenance and repairs
- Mobilization and demobilization
- Miscellaneous downtime

## SECTION VI. SALVAGE VALUE

2-17. Salvage Value (SLV). Salvage values for equipment are based on the *Green Guide for Construction Equipment, Handbook of New and Used Construction Equipment Values*, and advertisements of used equipment for sale as displayed in current engineering and construction magazines.

2-18. Salvage Value Percentages. The salvage value percentage used for each type of equipment is listed in APPENDIX D under the heading SLV as a percentage of the equipment value. It is equal for both average condition and severe condition.

## SECTION VII. OWNERSHIP COST

2-19. Ownership Elements. The ownership portion of the rate consists of allowances for depreciation (DEPR) and Facilities Capital Cost of Money (FCCM). These two cost elements are computed based on the total equipment value. Other ownership elements may be allowed (see [paragraph 2-3.d.](#)). Total ownership rate per hour is expressed by formula, as follows:

$$\text{Ownership Rate/Hour} = \text{DEPR/Hour} + \text{FCCM/Hour}$$

2-20. Depreciation. The straight-line method is used to compute depreciation.

a. For rubber-tired equipment, the tire cost index (TCI) must first be established to complete the depreciation formula in the sample worksheet.

b. Hourly Depreciation is calculated by dividing the "depreciable" value (total equipment value less estimated salvage and tire cost) by the expected economic life of the unit of equipment in hours. Expressed by formula, depreciation cost equals the following:

$$\text{DEPR/Hr} = \frac{[(\text{TEV})(1-\text{SLV})] - [(\text{TCI})(\text{Tire Cost})]}{\text{LIFE}}$$

Where:

(1) Total Equipment Value (TEV) - see TABLE 2-1

(2) Salvage Value (SLV) - see APPENDIX D

(3) Tire Cost Index (TCI) is determined by dividing the year-of-manufacture tire index by present-year tire index. These indexes are listed as part of APPENDIX E, Economic Indexes for Construction Equipment (see EK100, All Tires and Tubes).

(4) Tire Cost is the tire and conveyor belt cost. This is considered an operating expense and is subtracted from the total equipment value before computing depreciation. The tire cost for rubber-tired equipment is based on tire values taken at the time the equipment was manufactured. If tire costs based on the date of equipment manufacture are not known, present-year tire values are modified using the TCI. Estimated values for tires and conveyor belting, based on the date of the pamphlet, are provided in APPENDIX F, Tire Description and Tire Cost (this data is provided for information only). Since APPENDIX F does not contain pricing information for all types and sizes of tires and belts, dealers should be contacted for any additional information.

(5) LIFE is based on the number of operating hours throughout the economic life of the equipment ([see paragraph 2-15](#)). Hours for LIFE are provided in APPENDIX D.

2-21. Facilities Capital Cost of Money. Facilities Capital Cost of Money (FCCM), as defined in FAR 31.205-10 and CAS 414, is included in the total hourly rates. This cost was computed by multiplying the January 1999 cost-of-money rate (5.00%) determined by the Secretary of the Treasury pursuant to P.L. 92-41 (85 Stat. 97) by the average value of equipment and prorating the result over the annual operating hours. This cost-of-money rate was reduced 25.0% to avoid duplication when applying estimated markups for overhead and profit. The discounted FCCM rate is then 4.00%. The

Department of the Treasury adjusts the cost-of-money rate on or about 1 January and 1 July each year; these revisions are printed in the Federal Register. Expressed by formula, FCCM cost equals the following:

$$\text{FCCM/Hr} = \frac{(\text{TEV}) (\text{AVF}) (\text{FCCM})}{(\text{WHPY})}$$

Where:

- (1) Average Value Factor (AVF) =  $[(N-1) (1 + \text{SLV}) + 2] / 2N$
- (2) Number of years (N) in depreciation period = LIFE / WHPY
- (3) Current cost-of-money rate (FCCM) =  $(5.00\%) / 1.25 = 4.00\%$

## SECTION VIII. OPERATING COST

2-22. Operating Cost Elements. The total operating cost is the sum of the following five elements: fuel, FOG (filters, oil, and grease), repairs, tire wear, and tire repair.

2-23. Fuel Cost. Fuel costs are computed for each gas, diesel, or electric engine. If the unit of equipment has two engines, as in the case of a truck crane, this methodology treats each engine separately for fuel costs. Fuel costs are calculated for each engine, as expressed in the following formula:

$$\text{Fuel Cost/Hr} = \text{Fuel Factor} \times \text{Horsepower} \times \text{Fuel Cost/Gallon}$$

a. Hourly Fuel Costs. The estimated hourly fuel cost for each unit of equipment is shown under the column heading FUEL in TABLE 2-1 and TABLE 2-2. If the unit of equipment has no engine, no fuel cost will be shown. See Chapter 3 for fuel adjustments.

b. Fuel Factor - Gas or Diesel Fuel. The fuel factor in gallons per bhp (brake horsepower) hour is listed in APPENDIX D for both average and severe conditions. Fuel factors are also listed for both the engine powering the main equipment (prime engine), and the engine providing power to the carrier vehicle. For severe conditions, the fuel consumption rate is 30 percent greater than the average conditions rate. Compute gas or diesel fuel factors by using the following formula:

$$\text{Fuel Factor (Gal/bhp-hr)} = \frac{\text{HPF} \times \text{Lbs. Fuel per bhp-hr}}{\text{Lbs. of Fuel per Gallon}}$$

Where:

(1) Bhp is the net brake horsepower of the engine at the flywheel at sea level and at full-load governed speed. The engine is fully equipped with generator, fan, air cleaner,

and other regular equipment. All horsepower ratings for engine-driven equipment are listed with the equipment description in TABLE 2-1.

(2) HPF is the horsepower factor used in the fuel and electricity consumption formulas and represents an average percent of full rated horsepower being utilized by the engine. The fuel consumption factors, which are shown in APPENDIX D under column headings Fuel Factor-Equipment and Fuel Factor-Carrier, are computed based on the HPF shown under these column headings. This HPF is an estimate of the engine load under average working conditions. It is necessary to modify the rated horsepower as engines and motors in actual production do not work at their full-rated horsepower at all times. Periods spent at idle, travel in reverse, traveling empty, close maneuvering at part throttle, and operating downhill are examples of conditions that reduce the horsepower factor. Professional judgement regarding cycle time and equipment loading is applied to determine this average HPF. Normal field application can also vary according to: operator efficiency, type of material, type of work cycle, and overall job site efficiency. This pamphlet provides an estimated average HPF, not a specific factor.

(3) Fuel (consumed) per bhp-hr is an average based on a variety of engine applications from manufacturers engine data. The following constants represent an average of the normal application of equipment and are indicative of engine fuel consumption industry-wide.

Lbs. Fuel (consumed) per bhp-hr is based on the following estimate:

Gasoline = 0.60 lbs. per bhp-hr  
Diesel = 0.36 lbs. per bhp-hr

Fuel weight per gallon is based on the following estimate:

Gasoline = 6.00 lbs. per gallon  
Diesel = 7.00 lbs. per gallon

c. Fuel factor- Electricity. Assuming that an electric motor uses one kW/hp (considering all inefficiencies), and using the same HPF for gas or diesel fuel consumption, the electricity consumption is computed by the following formula:

$$\text{Fuel Factor (kW/Hr)} = \text{HPF} \times 1 \text{ kW per electric hp hour}$$

d. Fuel and Electricity Costs. The cost per gallon for gasoline and diesel fuel used to compute the hourly fuel costs are shown in APPENDIX B. The hourly fuel costs for all gasoline powered equipment, diesel powered highway trucks, and truck crane carriers include an allowance for federal and state road taxes, sales taxes, and rental for fuel storage tanks and pumps. Costs per kilowatt hour for electricity used to compute electricity costs are also shown in APPENDIX B.

2-24. Filter, Oil, and Grease (FOG) Cost. FOG cost is computed as a percentage of the hourly fuel costs.

a. The FOG element contains all items of cost for routine servicing of the equipment including the following:

- Base wages for servicing labor
- Fringe benefits and labor burden costs for servicing
- Service truck, tools, and fuel truck allowance
- Shop allowance when shop servicing is required
- Other equipment costs for servicing
- Filters, oil, and grease allowance
- Taxes and shipping for FOG supplies
- Handling and disposal of hazardous materials and oils

b. FOG cost is calculated for each engine using the following formula:

$$\text{FOG Cost / Hr} = \text{FOG Factor} \times \text{Fuel Cost/Hr} \times \text{LAF}$$

Where:

(1) FOG Factor is the percent allowance expressed as a decimal factor under each fuel type heading E (electricity), G (gas), or D (diesel). See APPENDIX D.

(2) Fuel Cost/Hr is a value calculated in [paragraph 2-23](#).

(3) LAF (Labor Adjustment Factor) is a decimal factor used to adjust the FOG factor to account for regional variations in labor and parts costs. This factor is provided in APPENDIX B. LAF is also used to adjust the repair factor (RF) and the tire repair cost.

c. The FOG percentage allowance is reduced for servicing which is normally performed by the oiler who is assigned separately to the unit of equipment (and costed elsewhere). This reduction applies to the following equipment: cranes, draglines, hydraulic excavators, and shovels (except equipment under category numbers C75, C80.01, C85.11, C85.12, C85.21, C90.01, H25.11, H25.12, H30.01, H30.02, and M10.32)

d. When a unit of equipment has no engine (therefore no fuel costs calculated) and the equipment requires some type of fuel (i.e., propane, kerosene), an alternative hourly fuel/FOG allowance may be used in lieu of the regularly calculated fuel and FOG hourly costs. A FOG allowance may also be added when the equipment has no engine and has parts that require a FOG allowance. The alternative fuel allowance is added to the alternative FOG allowance for a total alternative fuel/FOG cost. (See Figure 2-1, 5.c)

2-25. Repair Cost. The repair cost is an allowance for equipment repairs, maintenance, and major overhauls (including undercarriage wear) performed in either the field or the shop. Where tire cost is the cost of the tires when the equipment was



manufactured, use the same TCI and tire cost as shown in the depreciation calculation (see paragraph 2-20). The estimated hourly rate for repairs is computed as follows:

$$\text{Repair Cost/Hr} = \frac{[(\text{TEV}) - (\text{TCI})(\text{Tire Cost})]}{\text{LIFE}} \times \text{Repair Factor}$$

- a. Repair Factor. The repair factor is calculated as follows:

$$\text{Repair Factor (RF)} = \text{Repair cost factor (RCF)} \times \text{EAF} \times \text{LAF}$$

- b. Use the following multiplying factors to develop the repair factor:

(1) The repair cost factor (RCF) is shown in APPENDIX D. This factor varies depending on the operating condition of the equipment (average or severe).

(2) The economic adjustment factor (EAF) is used to adjust the repair cost factor to current price levels. The EAF is equal to the economic index for the present year divided by the economic index for the year the equipment was manufactured. APPENDIX E, Economic Indexes for Construction Equipment, is used to develop the EAF. Economic indexes are determined as follows:

(a) Economic Index for the Present Year. Find the present year and corresponding index in APPENDIX E for the type of equipment in question. If the index for the present year has not been included, future year indexes can be estimated using a straight-line projection.

(b) Economic Index for the Year of Manufacture. This is the economic index for the year the equipment was manufactured (can be determined from equipment serial numbers). Locate the index number in APPENDIX E for the year and type of equipment. If the actual age of the equipment is beyond the last year of its economic life the equipment is considered overage. Economic life is determined by dividing hours of LIFE (from APPENDIX D) by Working Hours Per Year (WHPY from APPENDIX B). Refer to Chapter 3 for rate adjustments.

c. Items Included in the Repair Cost Factor. The estimated percentage allowances for the repair cost factor are shown in APPENDIX D under the column heading RCF and are expressed as decimal factors. These repair cost factors (for both the average and severe conditions) compensate for the following cost elements:

(1) Mechanics' labor includes base wages, fringe benefits, supervision, and all other costs for labor associated with craft workers engaged in the direct repair of equipment.

(2) Repair parts and supplies includes those items which are required for all repairs and major overhauls complete with applicable sales taxes and freight charges.

(3) Service trucks and other equipment used during repair and maintenance work, including tools.

(4) Supporting repair facilities includes field and main repair shops complete with parts and supplies inventory, and shop overhead.

2-26. Tire Cost. Tires included on rubber-tired equipment are generally the type and ply rating recommended as standard tires by the equipment manufacturer. Tire costs include both tire wear (replacement) and tire repair as individual elements of cost. Conveyor belt wear is also included under this cost element.

a. Tire Wear Cost. The formula for calculating tire wear applies to each tire position: front (FT), drive (DT), and trailing (TT). However, all tires performing the drive function are considered as drive tires and are listed in the DT position. The total hourly tire wear cost for each unit of equipment is the sum of the hourly cost for each position. The hourly tire wear cost equals the current cost of new tires plus the cost of one recapping divided by the expected life of the new tires plus the life of the recapped tires. This hourly allowance for determining tire wear cost is expressed in the following formula:

$$\frac{\text{Tire Cost Factor} \times \text{Current Tire Cost}}{\text{Tire Life Factor} \times \text{Tire Wear Factor} \times \text{Maximum Tire Life}}$$

Where:

(1) Tire Cost Factor is estimated at 1.50, which represents the purchase of the original tire plus one recap. It has been estimated that a recap costs approximately 50 percent of the new tire cost.

(2) Current Tire Cost is the estimated cost that applies to all tires on the equipment in that position. For example, 4 new drive tires valued at \$500 each would result in an amount of \$2,000 for total drive tire cost. The size and cost of each tire used in the pamphlet are listed for information in APPENDIX F.

(3) Tire Life Factor is estimated at 1.80, which represents the purchase of the original tire plus one recap. It has been estimated that a recap lasts approximately 80 percent of the life of a new tire.

(4) Tire Wear Factor is based on the position of the tire, type of equipment, and condition of use, tire wear factors have been developed and are listed in APPENDIX D. These factors will provide a percentage reduction to the maximum tire life. APPENDIX G, Tire Life and Tire Wear Factors, contains the methodology used to develop these factors and a computation example for a rear dump wagon.

(5) Maximum Tire Life expressed in hours is shown for various new tire types in APPENDIX F and APPENDIX G. The tire life is estimated from information provided by Goodyear Tire and Rubber Co. and by using the method and tables in 'Production and

Cost Estimating of Material Movement with Earthmoving Equipment” prepared by Terex Division of General Motors.

b. Tire Repair Cost. It has been estimated that tire repairs are 15 percent of the total hourly tire wear cost. LAF is used to adjust the tire repair cost to account for regional variations in labor and parts costs. This cost element has been calculated and listed separately in TABLE 2-2. It is expressed as a formula as follows:

$$\text{Tire Repair Cost} = \text{Total Tire Wear Cost} \times .15 \times \text{LAF}$$

c. Belt Cost is for equipment that uses conveyor belts. The belt wear is treated like tire wear. The wear factors are listed in the front tire wear factor column in APPENDIX D. Belt life is shown in APPENDIX F and APPENDIX G, and belt cost is listed in APPENDIX F.

## SECTION IX. STANDBY HOURLY RATE

2-27. Standby Hourly Rate. The standby rate is computed from the average condition by allowing the full FCCM hourly cost plus one-half of the hourly depreciation. It is expressed as a formula, as follows:

$$\text{Standby Rate/Hr} = (\text{DEPR/Hr} \times .50) + \text{FCCM/Hr}$$

- a. Paid standby shall not exceed 40 hours per week (7 calendar days) per unit of equipment. Actual operating hours during a week will be credited against the 40 hours maximum standby allowance.
- b. Standby will not be allowed during periods when the equipment would have otherwise been in idle status.
- c. When the equipment is purchased used, standby will be computed on the basis that the equipment was purchased new by the contractor in the year it was actually manufactured. Refer to Chapter 3 for rate adjustments.

## SECTION X. RATE CALCULATION EXAMPLE

2-28. Computation Example. Figure 2-1, Equipment Rate Computation Worksheet, is an example of how the total hourly rates in TABLE 2-1 are computed. A blank Equipment Rate Computation Worksheet is included in Appendix A and can be copied as needed.

- a. When an hourly rate for a specific unit of equipment is not included in this pamphlet and a rate must be computed, the methodology contained in Chapter 2 shall be followed. However, when a unit of equipment is not included in the pamphlet and the

necessary factors to compute a rate are not found in APPPENDIX D, please call for assistance as explained in Chapter 1. Software (**CHECKRATE**) is also available for rate computation (see Chapter 1).

b. See Chapter 3, Adjustments to Rates, for further guidance on the procedure for rate adjustments.

Use this blank worksheet to compute rates for equipment that are not in this pamphlet.

**EXAMPLE: THE PIECE OF EQUIPMENT SHOWN IS BASED ON A KNOWN PIECE OF EQUIPMENT FOR ILLUSTRATION PURPOSES ONLY. (SEE CHAPTER 2)**

**1. EQUIPMENT INFORMATION & EXPENSE FACTORS**

For ID No: C90AM001

a. Equipment Specification Data:

- (1) Equipment Description: CRANE, MECHANICAL, TRUCK MTD, AMERICAN CRANE
- (2) Model and Series: 5530, 75 TON, W/170' BOOM
- (3) Present Year or Year of Use: 1999
- (4) Year Manufactured: 1996
- (5) Horsepower - Equipment: 128
- (6) Horsepower - Carrier: 238
- (7) Fuel type: - Equipment: gas / diesel off-road / diesel on-road / electric / air D-off  
 - Carrier: gas / diesel off-road / diesel on-road / electric / air D-on
- (8) Shipping Weight (CWT): 1245 CWT
- (9) Tire size and number of tires:(Cost of tires based on present year-see 1.a.(3) & APPENDIX F)
  - (a) Front: No.: 4 Size/Ply: 14.00X20/20 Cost: \$ 2,184
  - (b) Drive: No.: 8 Size/Ply: 14.00X20/20 Cost: \$ 4,368
  - (c) Trailing: No.: N/A Size/Ply:                      Cost: \$ 0
  - (d) Total Tire Cost: \$ 6,552

**USE APPENDIX D TO COMPLETE THE FOLLOWING DATA:**

b. Category and Sub-category Number: C90 - 0.03

c. Hourly Expense Calculation Factors:

- (1) Economic Key (E K): 20
- (2) Condition (C): Average or Severe AVERAGE
- (3) Discount Code (DC): B = 7.5% (0.075) - or - S = 15.0% (0.15) B = 0.075
- (4) Life in Hours (LIFE): 18,000
- (5) Salvage Value Percentage (SLV): 0.15
- (6) Fuel Factor - Equipment (E G D): 0.026
- (7) Fuel Factor - Carrier (E G D): 0.005
- (8) FOG Factor (E G D): 0.276
- (9) Tire Wear Factor:
  - (a) Front (FT): 0.97
  - (b) Drive (DT): 0.78
  - (c) Trailing (TT): N/A
- (10) Repair Cost Factor (RCF): 0.80

Figure 2-1. Equipment Rate Computation Worksheet

**2. EQUIPMENT VALUE**

a. List Price + Accessories: (at Year of Manufacture) = \$ 733,425

(1) Discount: ( List Price + Accessories ) x ( Discount Code )  
[ 1.c.(3) ]

( 733,425 ) x ( 0.075 ) = -\$ 55,007

(2) Subtotal [ 2.a. ] - [ 2.a.(1) ] S/T = \$ 678,418

(3) Sales or Import Tax: ( Subtotal ) x ( Tax Rate )  
[ 2.a.(2) ] [ APPENDIX B ]

( 678,418 ) x ( 0.0417 ) = +\$ 28,290

(4) Total Discounted Price: Subtotal: [2.a.(2)] + [2.a.(3)] S/T = \$ 706,708

b. Freight: ( Shipping Weight ) x ( Freight Rate per CWT )  
[ 1.a.(8) ] [ APPENDIX B ]

( 1245 CWT ) x ( 17.37 ) = +\$ 21,626

c. **TOTAL EQUIPMENT VALUE (TEV):** [ (2.a.(4)) + (2.b) ] **2. TOTAL: = \$ 728,334**  
(See Chapter 3 for used and overage equipment rate adjustments.)

**3. DEPRECIATION PERIOD (N)**

a. ( LIFE ) / ( Working Hours Per Year ( WHPY ) ) = N  
[ 1.c.(4) ] [ APPENDIX B ]

( 18,000 Hrs ) / ( 1480 Hrs/Yr ) **3. TOTAL: = 12.16 Yrs(N)**

**4. OWNERSHIP COST**

a. Depreciation

(1) Tire Cost Index ( TCI ):

( Tire Index, Yr of Mfgr ) / Tire Index, Based on 1a.(3)) = Tire Cost Index ( TCI )  
[ APPENDIX E, EK=100 ] [ APPENDIX E, EK=100 ]

( 2475 ) / ( 2400 ) = 1.031 ( TCI )

(2) [ ( TEV ) x [ 1.0 - (SLV) ] - [ ( TCI ) x ( Tire Cost ) ] ] / ( LIFE )  
[ 2.c. ] [ 1.c.(5) ] [ 4.a. (1) ] [ 1.a.(9)(d) ] [ 1.c.(4) ]

[ ( 728,334 ) x [ 1.0 - ( 0.15 ) ] - [ ( 1.031 ) x ( 6,552 ) ] ] / ( 18,000 )  
= \$ 34.02 /Hr

Figure 2-1. Equipment Rate Computation Worksheet

**4. OWNERSHIP COST (Continued)**

**b. Facilities Capital Cost of Money (FCCM):**

$$(1) \left[ \left( \frac{N}{[3.a.]} \right) - 1.0 \right] \times \left[ 1.0 + \frac{(SLV)}{[1.c.5.]} \right] + 2.0 \Big/ \left[ 2.0 \times \left( \frac{N}{[3.a.]} \right) \right] = \text{Avg Value Factor (AVF)}$$

$$\left[ \left( \frac{12.16 \text{ Yrs}}{[2.c.]} - 1.0 \right) \times \left[ 1.0 + \frac{(0.15)}{[4.b.(1)]} \right] + 2.0 \right] \Big/ \left[ 2.0 \times \left( \frac{12.16 \text{ Yrs}}{[2.c.]} \right) \right] = \underline{0.610} \text{ (AVF)}$$

$$(2) \left( \frac{TEV}{[2.c.]} \right) \times \left( \frac{AVF}{[4.b.(1)]} \right) \times \left( \frac{\text{Adjusted Cost-of-Money}}{[APPENDIX B]} \right) \Big/ \left( \frac{WHPY}{[APPENDIX B]} \right)$$

$$\left( \frac{728,334}{[2.c.]} \right) \times \left( \frac{0.610}{[4.b.(1)]} \right) \times \left( \frac{0.040}{[APPENDIX B]} \right) \Big/ \left( \frac{1480 \text{ Hrs/Yr}}{[APPENDIX B]} \right) = \$ \underline{12.01} \text{ /Hr}$$

**c. TOTAL HOURLY OWNERSHIP COST:**  
 [ 4.a.(2) ] + [ 4.b.(2) ]

**4. TOTAL:** = \$ 46.03 /Hr

**5. OPERATING COST**

**a. Fuel Cost:**

**(1) Equipment:**

$$\left( \frac{\text{Fuel Factor}}{[1.c.(6)]} \right) \times \left( \frac{\text{Horsepower}}{[1.a.(5)]} \right) \times \left( \frac{\text{Fuel Cost Per Gallon}}{[APPENDIX B]} \right)$$

$$\left( \frac{0.026}{[1.c.(6)]} \right) \times \left( \frac{128 \text{ HP}}{[1.a.(5)]} \right) \times \left( \frac{0.84}{[APPENDIX B]} \right) = \$ \underline{2.80} \text{ /Hr}$$

**(2) Carrier:**

$$\left( \frac{\text{Fuel Factor}}{[1.c.(7)]} \right) \times \left( \frac{\text{Horsepower}}{[1.a.(6)]} \right) \times \left( \frac{\text{Fuel Cost Per Gallon}}{[APPENDIX B]} \right)$$

$$\left( \frac{0.005}{[1.c.(7)]} \right) \times \left( \frac{238 \text{ HP}}{[1.a.(6)]} \right) \times \left( \frac{1.40}{[APPENDIX B]} \right) = \$ \underline{1.67} \text{ /Hr}$$

**(3) Total Hourly Fuel Cost:**  
 [ 5.a (1) ] + [ 5.a (2) ]

**Total 5.a.** = \$ 4.47 /Hr

**b. FOG Cost:**

**(1) Equipment:**

$$\left( \frac{\text{FOG Factor}}{[1.c.(8)]} \right) \times \left( \frac{\text{Equipment Fuel Cost}}{[5.a.(1)]} \right) \times \left( \frac{LAF}{[APPENDIX B]} \right)$$

$$\left( \frac{0.276}{[1.c.(8)]} \right) \times \left( \frac{2.80}{[5.a.(1)]} \right) \times \left( \frac{1.21}{[APPENDIX B]} \right) = \$ \underline{0.94} \text{ /Hr}$$

Figure 2-1. Equipment Rate Computation Worksheet

**5. OPERATING COST (Continued)**

(2) Carrier:

$$\begin{aligned} & \left( \begin{array}{c} \text{FOG Factor} \\ [1.c.(8)] \end{array} \right) \times \left( \begin{array}{c} \text{Carrier Fuel Cost} \\ [5.a.(2)] \end{array} \right) \times \left( \begin{array}{c} \text{LAF} \\ [APPENDIX B] \end{array} \right) \\ & \left( \underline{0.276} \right) \times \left( \underline{1.67} \text{ /Hr} \right) \times \left( \underline{1.21} \right) = \underline{\underline{\$ 0.56 \text{ /Hr}}} \end{aligned}$$

(3) Total Hourly FOG Cost: Total 5.b. = \$ 1.50 /Hr  
[ (5.b.(1)) + (5.b.(2)) ]

c. Alternative Fuel/FOG Cost: Total 5.c. = \$ 0 /Hr  
(See Chapter 2, paragraph 24.d. for guidance on when to use.)

d. Repair Cost:

(1) Economic Adjustment Factor (EAF) :  
(EK is from [1 c. (1)])

$$\begin{aligned} & \left( \begin{array}{c} \text{Economic Index for Year 1a.(3)} \\ [APPENDIX E] \end{array} \right) / \left( \begin{array}{c} \text{Economic Index for Year 1a.(4)} \\ [APPENDIX E] \end{array} \right) \\ & \left( \underline{5343} \right) / \left( \underline{5013} \right) = \underline{1.066} \text{ (EAF)} \end{aligned}$$

(See TABLE 3-2 for last year of economic life)

(2) Repair Factor (RF):

$$\begin{aligned} & \left( \begin{array}{c} \text{RCF} \\ [1.c.(10)] \end{array} \right) \times \left( \begin{array}{c} \text{EAF} \\ [5.d.(1).] \end{array} \right) \times \left( \begin{array}{c} \text{LAF} \\ [APPENDIX B] \end{array} \right) = \text{Repair Factor (RF)} \\ & \left( \underline{0.80} \right) \times \left( \underline{1.066} \right) \times \left( \underline{1.21} \right) = \underline{1.032} \text{ (RF)} \end{aligned}$$

(3) Repair Cost

$$\begin{aligned} & \left[ \left( \begin{array}{c} \text{TEV} \\ [2.c.] \end{array} \right) - \left[ \left( \begin{array}{c} \text{TCI} \\ [4.a.(1)] \end{array} \right) \times \left( \begin{array}{c} \text{Tire Cost} \\ [1.a.(9)(d)] \end{array} \right) \right] \right] \times \left( \begin{array}{c} \text{RF} \\ [5.d.(2)] \end{array} \right) / \left( \begin{array}{c} \text{LIFE} \\ [1.c.(4)] \end{array} \right) \\ & \left[ \left( \underline{728,334} \right) - \left[ \left( \underline{1.031} \right) \times \left( \underline{6,552} \right) \right] \right] \times \left( \underline{1.032} \right) / \left( \underline{18,000} \right) \end{aligned}$$

(4) Total Hourly Repair Cost: Total 5.d. = \$ 41.37 /Hr

Figure 2-1. Equipment Rate Computation Worksheet



### 5. OPERATING COST (Continued)

e. Tire Wear Cost: (Use current price levels. See APPENDIX F.)

(1) Front Tires:

$$\frac{[1.5 \times (\text{FT Cost})]}{[1.8 \times (\text{FT Wear Factor}) \times (\text{Maximum Tire Life/Hrs})]}$$

[ 1.a.(9)(a) ] [ 1.c.(9)(a) ] [ APPENDIX G ]

$$\frac{[1.5 \times (\underline{2,184})]}{[1.8 \times (\underline{0.97}) \times (\underline{5000} / \text{Hrs})]} = \$ \underline{0.38} / \text{Hr}$$

(2) Drive Tires:

$$\frac{[1.5 \times (\text{DT Cost})]}{[1.8 \times (\text{DT Wear Factor}) \times (\text{Maximum Tire Life/Hrs})]}$$

[ 1.a.(9)(b) ] [ 1.c.(9)(b) ] [ APPENDIX G ]

$$\frac{[1.5 \times (\underline{4,368})]}{[1.8 \times (\underline{0.78}) \times (\underline{5000} / \text{Hrs})]} = \$ \underline{0.93} / \text{Hr}$$

(3) Trailing Tires:

$$\frac{[1.5 \times (\text{TT Cost})]}{[1.8 \times (\text{TT Wear Factor}) \times (\text{Maximum Tire Life/Hrs})]}$$

[ 1.a.(9)(c) ] [ 1.c.(9)(c) ] [ APPENDIX G ]

$$\frac{[1.5 \times (\underline{0})]}{[1.8 \times (\underline{0}) \times (\underline{0} / \text{Hrs})]} = \$ \underline{0} / \text{Hr}$$

(4) Total Tire Wear Cost:

[ Sum 5.e.(1) through 5.e.(3) ]

Total 5.e. = \$ 1.31 /Hr

f. Tire Repair Cost:

$$(\text{Total Tire Wear Cost}) \times 0.15 \times (\text{LAF})$$

[ 5.e.(4) ] [ APPENDIX B ]

$$(\underline{1.31}) \times 0.15 \times (\underline{1.21}) \quad \text{Total 5.f.} = \$ \underline{0.24} / \text{Hr}$$

g. TOTAL HOURLY OPERATING COST:

[ Sum 5.a. through 5.f. ]

5. TOTAL: = \$ 48.89 /Hr

**6. HOURLY RATES**

a. Total Hourly Rate: *(based on 40 hours per week)*

$$\begin{aligned} & \text{( Ownership Cost )} + \text{( Operating Cost )} \\ & \quad [4.c.] \qquad \qquad \qquad [5.g] \\ & \text{( } \underline{46.03} \text{ /Hr )} + \text{( } \underline{48.89} \text{ /Hr )} \end{aligned}$$

$$= \$ \underline{94.92} \text{ /Hr}$$

b. Other Work Shifts Hourly Rate :  
*(Refer to Chapter 3, Adjustments to Rates, for methodology.)*

$$\begin{aligned} & [ \text{( Depreciation )} + [ \text{( FCCM )} \times \text{( 40 hrs/wk )} / \text{( Work Hrs/wk )} ] + \text{( Operating Cost )} ] \\ & \quad [4.a.(2)] \qquad \qquad [4.b.(2)] \qquad \qquad \qquad \text{( example: 60 hrs/wk)} \qquad [5.g] \\ & [ \text{( } \underline{34.02} \text{ /Hr )} + [ \text{( } \underline{12.01} \text{ /Hr )} \times \text{( 40 Hrs/wk )} / \text{( } \underline{60} \text{ Hrs/wk )} ] + \text{( } \underline{48.89} \text{ /Hr )} ] \end{aligned}$$

$$= \$ \underline{90.92} \text{ /Hr}$$

c. Standby Hourly Rate:

$$\begin{aligned} & [ \text{( Depreciation )} \times 0.50 ] + \text{( FCCM )} \\ & \quad [4.a.(2)] \qquad \qquad \qquad [4.b.(2)] \\ & [ \text{( } \underline{34.02} \text{ /Hr )} \times 0.50 ] + \text{( } \underline{12.01} \text{ /Hr )} \end{aligned}$$

$$= \$ \underline{29.02} \text{ /Hr}$$

**See Chapter 3 if rate adjustments are necessary.**

Figure 2-1. Equipment Rate Computation Worksheet

## TABLE 2-1

### HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

#### EXPLANATION OF TABLE HEADINGS

Example unit of equipment: American Crane, Model 5530, 75 Ton, 170-boom.  
(Based on average condition.)

**CAT:** C90 is the category number and identifies for Mechanical Cranes, Truck-Mounted (see APPENDIX D).

**ID NO.:** C90AM001 is the unique identification number for the above American Crane. AM equals the manufacturer (see APPENDIX H, Manufacturer Codes). 001 equals the numeric order of this unit of equipment within the manufacturer's listing.

**MODEL:** 5530 is the equipment model number.

**EQUIPMENT DESCRIPTION:** Specific information for each particular unit of equipment is described, such as "75 ton with a 170-foot boom" for the American Crane. The amount of horsepower and type of fuel used is stated. The American Crane carrier has a 238-horsepower engine and the crane has a 128-horsepower engine. Both engines are diesel (D)

**VALUE (TEV):** This column reflects the predetermined "equipment cost" used to compute the rates and is based on equipment purchased new in 1996.

**TOTAL HOURLY RATES:** All ownership and operating expenses for the average condition are included. All cost elements including fuel are totaled in the AVERAGE column. The STANDBY column includes the hourly allowance for equipment on legitimate standby status.

**ADJUSTABLE ELEMENTS.** This column shows ownership elements and fuel costs broken out of the AVERAGE column so they can be adjusted as indicated in Chapter 3. Operating costs may be determined by subtracting the ownership cost elements (DEPR plus FCCM) from the total hourly rate for the average condition. Fuel price adjustments can be performed to the total hourly cost shown under the FUEL column.

**CWT:** The shipping weight of the equipment is stated in hundredweight.

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                                   | REGION 10                                    |       |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       |     |
|---------------------------------------|--|-------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|                                       | ID.NO.                                       | MODEL | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  | CWT |
| <b>A10 AGGREGATE / CHIP SPREADERS</b> |  |       |  |                                |         |                |                               |         |                        |      |       |     |
|                                       | <b>SUBCATEGORY 0.10 SELF-PROPELLED</b>       |       |  |                                |         |                |                               |         |                        |      |       |     |
|                                       | <b>E.D. ETNYRE &amp; COMPANY</b>             |       |  |                                |         |                |                               |         |                        |      |       |     |
| A10ET001                              |  |       | 10.0' WIDE HOPPER, MECHANICAL DRIVE  | 148 HP                         | D-off   | \$85,003       | 20.91                         | 4.88    | 6.74                   | 1.51 | 3.23  | 165 |
| A10ET002                              |  |       | 13.0' WIDE HOPPER, MECHANICAL DRIVE  | 185 HP                         | D-off   | \$88,695       | 22.70                         | 5.10    | 7.04                   | 1.58 | 4.04  | 170 |
| A10ET003                              |  |       | 10.0' WIDE HOPPER, HYDROSTATIC DRIVE<br>SELF PROPELLED                             | 148 HP                         | D-off   | \$91,600       | 22.21                         | 5.26    | 7.27                   | 1.63 | 3.23  | 165 |
| A10ET004                              |  |       | 13.0' WIDE HOPPER, HYDROSTATIC DRIVE<br>SELF PROPELLED                             | 185 HP                         | D-off   | \$92,950       | 23.54                         | 5.35    | 7.38                   | 1.66 | 4.04  | 170 |
|                                       | <b>ROSCO MANUFACTURING COMPANY</b>           |       |  |                                |         |                |                               |         |                        |      |       |     |
| A10RS001                              | SPR-H  |       | 13.5' WIDE HOPPER, MECHANICAL  | 152 HP                         | D-off   | \$81,419       | 20.34                         | 4.66    | 6.42                   | 1.45 | 3.32  | 156 |
| A10RS002                              | SPRH-H                                       |       | 13.5' WIDE HOPPER, MECHANICAL  | 152 HP                         | D-off   | \$97,255       | 23.45                         | 5.58    | 7.69                   | 1.73 | 3.32  | 156 |
|                                       | <b>SUBCATEGORY 0.20 TOWED &amp; TAILGATE</b> |       |  |                                |         |                |                               |         |                        |      |       |     |
|                                       | <b>AMERICAN ROAD MACHINERY</b>               |       |  |                                |         |                |                               |         |                        |      |       |     |
| A10AR001                              | TG-505C                                      |       | 8.0' WIDE TAILGATE SPREADER (ADD DUMP<br>TRUCK)                                    |                                |         | \$3,450        | 0.98                          | 0.30    | 0.46                   | 0.07 | 0.00  | 5   |
| A10AR002                              | ODELL 900                                    |       | 8.0' WIDE SPREADER, TOWED, ASPHALT &<br>AGGREGATE SPREADING 8" (ADD DUMP<br>TRUCK) |                                |         | \$8,744        | 2.49                          | 0.76    | 1.17                   | 0.17 | 0.00  | 22  |
| <b>A15 AIR COMPRESSORS, PORTABLE</b>  |  |       |  |                                |         |                |                               |         |                        |      |       |     |
|                                       | <b>SUBCATEGORY 0.10 ROTARY SCREW</b>         |       |  |                                |         |                |                               |         |                        |      |       |     |
|                                       | <b>SULLAIR</b>                               |       |  |                                |         |                |                               |         |                        |      |       |     |
| A15SR003                              | 100  |       | 100 CFM QUIET, 100 PSI (ADD HOSE)  | 49 HP                          | D-off   | \$13,737       | 4.73                          | 0.77    | 1.03                   | 0.25 | 1.61  | 23  |
| A15SR004                              | 185  |       | 185 CFM QUIET, 100 PSI (ADD HOSE)  | 78 HP                          | D-off   | \$16,026       | 6.44                          | 0.89    | 1.20                   | 0.29 | 2.56  | 24  |
| A15SR005                              | 250  |       | 250 CFM QUIET, 100 PSI (ADD HOSE)  | 80 HP                          | D-off   | \$20,630       | 7.38                          | 1.16    | 1.55                   | 0.38 | 2.62  | 26  |
| A15SR001                              | 750XH  |       | 720 CFM QUIET, 300 PSI (ADD HOSE)  | 300 HP                         | D-off   | \$105,005      | 32.80                         | 5.84    | 7.81                   | 1.93 | 9.83  | 105 |
| A15SR002                              | 900XH  |       | 900 CFM QUIET, 350 PSI (ADD HOSE)  | 440 HP                         | D-off   | \$128,984      | 43.48                         | 7.17    | 9.59                   | 2.37 | 14.41 | 157 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10 |          |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       |     |
|--|-----------|----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|  | ID.NO.    | MODEL    | EQUIPMENT DESCRIPTION                  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  | CWT |
|  |           |          |  |                                |         |                |                               |         |                        |      |       |     |
| <b>NO SPECIFIC MANUFACTURER</b>            |           |          |  |                                |         |                |                               |         |                        |      |       |     |
|  | A15XX001  |          | 100 CFM QUIET, 100 PSI (ADD HOSE)      | 50 HP                          | G       | \$13,080       | 9.84                          | 0.72    | 0.97                   | 0.24 | 5.25  | 20  |
|  | A15XX002  |          | 100 CFM QUIET, 100 PSI (ADD HOSE)      | 35 HP                          | D-off   | \$13,908       | 4.15                          | 0.78    | 1.03                   | 0.26 | 1.15  | 17  |
|  | A15XX004  |          | 125 CFM QUIET, 100 PSI (ADD HOSE)      | 49 HP                          | D-off   | \$14,675       | 4.92                          | 0.82    | 1.09                   | 0.27 | 1.61  | 17  |
|  | A15XX006  |          | 175 CFM QUIET, 100 PSI (ADD HOSE)      | 57 HP                          | D-off   | \$19,379       | 6.14                          | 1.08    | 1.44                   | 0.36 | 1.87  | 19  |
|  | A15XX008  |          | 185 CFM QUIET, 100 PSI (ADD HOSE)      | 80 HP                          | D-off   | \$20,567       | 7.38                          | 1.15    | 1.53                   | 0.38 | 2.62  | 21  |
|  | A15XX009  |          | 250 CFM QUIET, 100 PSI (ADD HOSE)      | 80 HP                          | D-off   | \$30,769       | 9.27                          | 1.71    | 2.29                   | 0.57 | 2.62  | 30  |
|  | A15XX010  |          | 375 CFM QUIET, 100 PSI (ADD HOSE)      | 115 HP                         | D-off   | \$39,739       | 12.50                         | 2.18    | 2.90                   | 0.73 | 3.77  | 35  |
|  | A15XX011  |          | 450 CFM QUIET, 100 PSI (ADD HOSE)      | 174 HP                         | D-off   | \$50,014       | 17.03                         | 2.75    | 3.67                   | 0.92 | 5.70  | 43  |
|  | A15XX012  |          | 600 CFM QUIET, 100 PSI (ADD HOSE)      | 225 HP                         | D-off   | \$71,264       | 23.23                         | 3.94    | 5.26                   | 1.31 | 7.37  | 69  |
|  | A15XX013  |          | 750 CFM QUIET, 100 PSI (ADD HOSE)      | 240 HP                         | D-off   | \$77,332       | 25.02                         | 4.28    | 5.72                   | 1.42 | 7.86  | 72  |
|  | A15XX014  |          | 900 CFM QUIET, 100 PSI (ADD HOSE)      | 315 HP                         | D-off   | \$84,745       | 29.74                         | 4.70    | 6.27                   | 1.56 | 10.32 | 101 |
|  | A15XX015  |          | 1200 CFM QUIET, 100 PSI (ADD HOSE)     | 350 HP                         | D-off   | \$129,359      | 39.56                         | 7.19    | 9.62                   | 2.38 | 11.47 | 158 |
|  | A15XX016  |          | 1400 CFM QUIET, 100 PSI (ADD HOSE)     | 435 HP                         | D-off   | \$140,121      | 45.32                         | 7.78    | 10.40                  | 2.58 | 14.25 | 158 |
|  | A15XX017  |          | 1600 CFM QUIET, 100 PSI (ADD HOSE)     | 435 HP                         | D-off   | \$141,168      | 45.52                         | 7.84    | 10.48                  | 2.60 | 14.25 | 158 |
|  | A15XX018  |          | 1900 CFM QUIET, 100 PSI (ADD HOSE)     | 525 HP                         | D-off   | \$127,139      | 46.93                         | 7.05    | 9.43                   | 2.34 | 17.20 | 164 |
| <b>SUBCATEGORY 0.20 SHOP TYPE</b>          |           |          |  |                                |         |                |                               |         |                        |      |       |     |
| <b>MCMASTER</b>                            |           |          |  |                                |         |                |                               |         |                        |      |       |     |
|  | A15MG099  | 4309K69  | 115V, 20 GALLON, PORTABLE, MAX 110 PSI | 5 HP                           | E       | \$570          | 0.83                          | 0.03    | 0.04                   | 0.01 | 0.47  | 1   |
| <b>A20 AIR HOSE, TOOLS &amp; EQUIPMENT</b> |           |          |  |                                |         |                |                               |         |                        |      |       |     |
| <b>SUBCATEGORY 0.10 AIR HOSE</b>           |           |          |  |                                |         |                |                               |         |                        |      |       |     |
| <b>NO SPECIFIC MANUFACTURER</b>            |           |          |  |                                |         |                |                               |         |                        |      |       |     |
|  | A20XX001  | HARDROCK | 0.75" DIA., 100' LONG                  |                                |         | \$140          | 0.11                          | 0.02    | 0.04                   | 0.00 | 0.00  | 1   |
|  | A20XX002  | HARDROCK | 1.00" DIA., 100' LONG                  |                                |         | \$430          | 0.35                          | 0.07    | 0.11                   | 0.01 | 0.00  | 1   |
|  | A20XX003  | HARDROCK | 1.25" DIA., 100' LONG                  |                                |         | \$554          | 0.44                          | 0.08    | 0.14                   | 0.01 | 0.00  | 1   |
|  | A20XX004  | HARDROCK | 1.50" DIA., 100' LONG                  |                                |         | \$665          | 0.53                          | 0.10    | 0.17                   | 0.01 | 0.00  | 1   |
|  | A20XX005  | HARDROCK | 2.00" DIA., 100' LONG                  |                                |         | \$812          | 0.66                          | 0.13    | 0.21                   | 0.02 | 0.00  | 1   |
|  | A20XX006  | HARDROCK | 2.50" DIA., 100' LONG                  |                                |         | \$1,183        | 0.94                          | 0.17    | 0.30                   | 0.02 | 0.00  | 1   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                   |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|---|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                                      | MODEL        | EQUIPMENT DESCRIPTION                                | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
| <b>A20</b> | <i>NO SPECIFIC MANUFACTURER (continued)</i> |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | A20XX007                                    | HARDROCK     | 3.00" DIA., 100' LONG                                |                                |         | \$1,446        | 1.16                          | 0.22    | 0.37                   | 0.03 | 0.00 | 1   |
|            | A20XX008                                    | HARDROCK     | 4.00" DIA., 100' LONG                                |                                |         | \$2,212        | 1.77                          | 0.32    | 0.57                   | 0.04 | 0.00 | 2   |
|            | A20XX009                                    | YELLOW-LINE  | 0.75" DIA., 100' LONG                                |                                |         | \$245          | 0.19                          | 0.03    | 0.06                   | 0.00 | 0.00 | 1   |
|            | A20XX010                                    | YELLOW-LINE  | 1.00" DIA., 100' LONG                                |                                |         | \$298          | 0.25                          | 0.05    | 0.08                   | 0.01 | 0.00 | 1   |
|            | A20XX011                                    | YELLOW-LINE  | 1.25" DIA., 100' LONG                                |                                |         | \$410          | 0.33                          | 0.07    | 0.11                   | 0.01 | 0.00 | 1   |
|            | A20XX012                                    | YELLOW-LINE  | 1.50" DIA., 100' LONG                                |                                |         | \$465          | 0.37                          | 0.07    | 0.12                   | 0.01 | 0.00 | 1   |
|            | A20XX013                                    | YELLOW-LINE  | 2.00" DIA., 100' LONG                                |                                |         | \$552          | 0.44                          | 0.08    | 0.14                   | 0.01 | 0.00 | 1   |
|            | A20XX014                                    | YELLOW-LINE  | 2.50" DIA., 100' LONG                                |                                |         | \$895          | 0.72                          | 0.14    | 0.23                   | 0.02 | 0.00 | 1   |
|            | A20XX015                                    | YELLOW-LINE  | 3.00" DIA., 100' LONG                                |                                |         | \$996          | 0.80                          | 0.15    | 0.26                   | 0.02 | 0.00 | 1   |
|            | A20XX016                                    | YELLOW-LINE  | 4.00" DIA., 100' LONG                                |                                |         | \$1,417        | 1.13                          | 0.21    | 0.36                   | 0.03 | 0.00 | 1   |
|            | <b>SUBCATEGORY 0.20</b>                     |              | <b>SANDBLAST HOSE</b>                                |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CLEMCO INDUSTRIES CORPORATION</b>        |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | A20CM017                                    |              | 0.75" ID, 4 PLY, 100' LONG                           |                                |         | \$455          | 0.39                          | 0.07    | 0.12                   | 0.01 | 0.00 | 1   |
|            | A20CM018                                    |              | 1.00" ID, 4 PLY, 100' LONG                           |                                |         | \$611          | 0.52                          | 0.09    | 0.16                   | 0.01 | 0.00 | 1   |
|            | A20CM019                                    |              | 1.50" ID, 4 PLY, 100' LONG                           |                                |         | \$781          | 0.67                          | 0.12    | 0.20                   | 0.02 | 0.00 | 1   |
|            | <b>SUBCATEGORY 0.30</b>                     |              | <b>SANDBLASTERS, BREAKERS, &amp; MISC. AIR TOOLS</b> |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CHICAGO PNEUMATICS TOOL CO.</b>          |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | A20CK002                                    | CP-0009F     | ROTARY / CHIP HAMMER, 8 LB (ADD<br>COMPR)            | 20 CFM                         | A       | \$908          | 0.62                          | 0.11    | 0.18                   | 0.02 | 0.00 | 1   |
|            | A20CK001                                    | CP-0014RR    | ROTARY / CHIP HAMMER, 15 LB (ADD<br>COMPR)           | 32 CFM                         | A       | \$1,635        | 1.11                          | 0.20    | 0.33                   | 0.03 | 0.00 | 1   |
|            | A20CK003                                    | CP-0022      | ROCK DRILL / SINKER DRILL, 30 LB (ADD<br>COMPR)      | 56 CFM                         | A       | \$1,794        | 1.22                          | 0.22    | 0.36                   | 0.04 | 0.00 | 1   |
|            | A20CK004                                    | CP-0032A-1   | ROCK DRILL / SINKER DRILL, 45 LB (ADD<br>COMPR)      | 103 CFM                        | A       | \$1,942        | 1.32                          | 0.24    | 0.39                   | 0.04 | 0.00 | 1   |
|            | A20CK005                                    | CP-0069      | ROCK DRILL / SINKER DRILL, 55 LB (ADD<br>COMPR)      | 130 CFM                        | A       | \$2,128        | 1.45                          | 0.26    | 0.43                   | 0.04 | 0.00 | 1   |
|            | A20CK006                                    | CP-0111-THLA | BREAKERS, FOUR BOLT, 25 LB (ADD<br>COMPR)            | 45 CFM                         | A       | \$1,278        | 0.88                          | 0.16    | 0.26                   | 0.03 | 0.00 | 1   |
|            | A20CK007                                    | CP-1210-S    | BREAKERS, FOUR BOLT, 35 LB (ADD<br>COMPR)            | 48 CFM                         | A       | \$1,197        | 0.81                          | 0.14    | 0.24                   | 0.02 | 0.00 | 1   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |               |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|---------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL         | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |               |  |                                |         |                |                               |         |                        |      |      |     |
| <b>A20</b> | <b>CHICAGO PNEUMATICS TOOL CO.<br/>(continued)</b> |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | A20CK008   | CP-1230-S1.25 | BREAKERS, FOUR BOLT, 60 LB (ADD<br>COMPR)  | 63 CFM                         | A       | \$1,314        | 0.89                          | 0.16    | 0.26                   | 0.03 | 0.00 | 1   |
|            | A20CK009   | CP-1240-S1.12 | BREAKERS, FOUR BOLT, 80 LB (ADD<br>COMPR)  | 81 CFM                         | A       | \$1,448        | 0.98                          | 0.17    | 0.29                   | 0.03 | 0.00 | 1   |
|            | A20CK010   | CP-1240-S1.25 | BREAKERS, FOUR BOLT, 90 LB (ADD<br>COMPR)  | 81 CFM                         | A       | \$1,448        | 0.98                          | 0.17    | 0.29                   | 0.03 | 0.00 | 1   |
|            | <b>CLEMCO INDUSTRIES CORPORATION</b>               |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | A20CM010   | PACKAGE TWO   | SANDBLASTER, 100 LB CAP, W/0.5" X 25'<br>HOSE & ACCESSORIES (ADD COMPR &<br>NOZZLE)    | 100 CFM                        | A       | \$1,602        | 1.14                          | 0.19    | 0.32                   | 0.03 | 0.00 | 2   |
|            | A20CM011   | PACKAGE FOUR  | SANDBLASTER, 300 LB CAP, W/1.0" X 25'<br>HOSE & ACCESSORIES (ADD COMPR &<br>NOZZLE)    | 100 CFM                        | A       | \$3,052        | 2.13                          | 0.36    | 0.61                   | 0.06 | 0.00 | 4   |
|            | A20CM012   | PACKAGE SIX   | SANDBLASTER, 600 LB CAP, W/1.25" X 25'<br>HOSE & ACCESSORIES (ADD COMPR &<br>NOZZLE)   | 100 CFM                        | A       | \$3,565        | 2.54                          | 0.42    | 0.71                   | 0.07 | 0.00 | 6   |
|            | A20CM013   |               | SANDBLASTER, 3 TON CAP, 1.25" PIPE W/50'<br>HOSE & NOZZLE, TRAILER (ADD<br>COMPRESSOR) | 450 CFM                        | A       | \$14,004       | 9.50                          | 1.61    | 2.66                   | 0.28 | 0.00 | 30  |
|            | A20CM014   |               | SANDBLASTER, 6 TON CAP, 1.25" PIPE W/50'<br>HOSE & NOZZLE, TRAILER (ADD<br>COMPRESSOR) | 700 CFM                        | A       | \$16,792       | 11.21                         | 1.87    | 3.06                   | 0.34 | 0.00 | 35  |
|            | A20CM015   |               | SANDBLASTER, 8 TON CAP, 1.25" PIPE W/50'<br>HOSE & NOZZLE, TRAILER (ADD<br>COMPRESSOR) | 900 CFM                        | A       | \$21,078       | 14.28                         | 2.41    | 3.95                   | 0.43 | 0.00 | 45  |
|            | A20CM016   |               | STORAGE HOPPER, 700 CUBIC FOOT CAP 35<br>TON SAND BULK ABRASIVE STORAGE                |                                |         | \$14,449       | 10.10                         | 1.74    | 2.89                   | 0.29 | 0.00 | 69  |
|            | A20CM009   |               | STORAGE HOPPER, 700 CUBIC FT CAP., 35-<br>TON SAND BULK ABRASIVE STORAGE               |                                |         | \$20,309       | 14.08                         | 2.44    | 4.06                   | 0.41 | 0.00 | 70  |
|            | <b>WACKER CORPORATION</b>                          |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | A20WC002   | EHB 10/110    | BREAKER/DRILL, 40 LB (ADD GENERATOR)   | 2 HP                           | E       | \$1,341        | 1.24                          | 0.17    | 0.27                   | 0.03 | 0.12 | 1   |
|            | A20WC004   | BHF 30S       | BREAKER/DRILL, 85 LB (W/POWER UNIT)  | 4 HP                           | G       | \$3,615        | 2.96                          | 0.43    | 0.72                   | 0.07 | 0.36 | 1   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10   |       |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|--|---|-------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|  | ID.NO.  | MODEL | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
| <b>A25 ASPHALT PAVING DISTRIBUTORS</b>                       |   |       |  |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SUBCATEGORY 0.00 ASPHALT PAVING DISTRIBUTORS</b> |       |  |                                |         |                |                               |         |                        |      |      |     |
|  | <b>ROSCO MANUFACTURING COMPANY</b>                  |       |  |                                |         |                |                               |         |                        |      |      |     |
| A25RS002   | MAXIMIZER 11  |       | 1,100 GAL (FOR TRUCK MTG) HYDROSTATIC<br>(ADD 18,000 - 24,000 GVW TRUCK) |                                |         | \$43,876       | 12.80                         | 3.00    | 4.39                   | 0.80 | 0.00 | 60  |
| A25RS004   | MAXIMIZER 11  |       | 1,600 GAL (FOR TRUCK MTG) HYDROSTATIC<br>(ADD 24,000 - 32,000 GVW TRUCK) |                                |         | \$47,654       | 12.28                         | 3.25    | 4.77                   | 0.87 | 0.00 | 67  |
| A25RS006   | MAXIMIZER 11  |       | 2,000 GAL (FOR TRUCK MTG) HYDROSTATIC<br>(ADD 32,000 GVW TRUCK)          |                                |         | \$48,424       | 12.46                         | 3.30    | 4.84                   | 0.88 | 0.00 | 70  |
| A25RS008   | MAXIMIZER 11  |       | 3,600 GAL (FOR TRUCK MTG) HYDROSTATIC<br>(ADD 42,000 GVW TRUCK)          |                                |         | \$55,590       | 16.11                         | 3.79    | 5.56                   | 1.01 | 0.00 | 97  |
| <b>A30 ASPHALT PAVERS &amp; MISCELLANEOUS ROAD EQUIPMENT</b> |   |       |  |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SUBCATEGORY 0.10 SELF PROPELLED</b>              |       |  |                                |         |                |                               |         |                        |      |      |     |
|  | <b>BARBER-GREENE COMPANY</b>                        |       |  |                                |         |                |                               |         |                        |      |      |     |
| A30BG007   | BG230   |       | 8' SPW (WITH 15'6" SCREED EXTENSION)<br>WHEEL TYPE                       | 107 HP                         | D-off   | \$193,789      | 49.92                         | 11.07   | 15.23                  | 3.45 | 2.97 | 347 |
| A30BG002   | BG240B  |       | 10' SPW (WITH 19' 6" SCREED EXTENSION)<br>WHEEL TYPE                     | 115 HP                         | D-off   | \$249,056      | 62.95                         | 14.04   | 19.19                  | 4.44 | 3.19 | 290 |
| A30BG003   | BG260B  |       | 10' SPW (WITH 19' 6" SCREED EXTENSION)<br>WHEEL TYPE                     | 155 HP                         | D-off   | \$268,884      | 69.02                         | 15.15   | 20.71                  | 4.79 | 4.30 | 323 |
| A30BG004   | BG225B  |       | 8' SPW (WITH 15' 6" SCREED EXTENSION)<br>CRAWLER                         | 107 HP                         | D-off   | \$239,047      | 60.24                         | 13.82   | 19.12                  | 4.26 | 2.97 | 322 |
| A30BG005   | BG245B  |       | 10' SPW (WITH 19' 6" SCREED EXTENSION)<br>CRAWLER                        | 155 HP                         | D-off   | \$283,572      | 72.23                         | 16.40   | 22.69                  | 5.05 | 4.30 | 366 |
| A30BG006   | BG265B  |       | 10' SPW (WITH 19' 6" SCREED EXTENSION)<br>CRAWLER                        | 200 HP                         | D-off   | \$305,193      | 78.87                         | 17.65   | 24.42                  | 5.44 | 5.54 | 417 |
|  | <b>BLAW-KNOX CONSTRUCTION EQUIPMENT</b>             |       |  |                                |         |                |                               |         |                        |      |      |     |
| A30BK010   | PF-150  |       | 8' SPW, WHEEL TYPE   | 47 HP                          | D-off   | \$115,847      | 28.35                         | 6.58    | 9.04                   | 2.06 | 1.30 | 153 |
| A30BK011   | PF-161  |       | 8' SPW, WHEEL TYPE   | 105 HP                         | D-off   | \$170,772      | 43.12                         | 9.71    | 13.34                  | 3.04 | 2.91 | 211 |
| A30BK012   | PF-171A   |       | 8' SPW, WHEEL TYPE   | 108 HP                         | D-off   | \$196,427      | 49.13                         | 11.16   | 15.32                  | 3.50 | 2.99 | 257 |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10   |   |   | ENGINE HORSEPOWER<br>FUEL TYPE |           | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|--|---|---|---|--------------------------------|-----------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|  | ID.NO.  | MODEL   | EQUIPMENT DESCRIPTION                             | MAIN                           | CARRIER   | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|  |   |   |   |                                |           |                |                               |         |                        |      |      |     |
| <b>A30</b>   | <b>BLAW-KNOX CONSTRUCTION EQUIPMENT<br/>(continued)</b> |   |   |                                |           |                |                               |         |                        |      |      |     |
|  | A30BK013  | PF-3172   | 10' SPW, WHEEL TYPE                               | 145 HP                         | D-off     | \$207,275      | 53.01                         | 11.79   | 16.19                  | 3.69 | 4.02 | 299 |
|  | A30BK014  | PF-3180   | 10' SPW, WHEEL TYPE                               | 169 HP                         | D-off     | \$235,166      | 60.31                         | 13.34   | 18.30                  | 4.19 | 4.68 | 338 |
|  | A30BK015  | PF-3200   | 10' SPW, WHEEL TYPE                               | 184 HP                         | D-off     | \$239,912      | 61.96                         | 13.61   | 18.68                  | 4.27 | 5.10 | 340 |
|  | A30BK016  | PF-410  | 8' SPW, TRACK MOUNTED                             | 100 HP                         | D-off     | \$209,641      | 51.72                         | 12.12   | 16.77                  | 3.73 | 2.77 | 223 |
|  | A30BK017  | PF-5500   | 10' SPW, TRACK MOUNTED                            | 169 HP                         | D-off     | \$254,223      | 64.53                         | 14.70   | 20.34                  | 4.53 | 4.68 | 340 |
|  | A30BK018  | PF-5510   | 10' SPW, TRACK MOUNTED                            | 184 HP                         | D-off     | \$258,335      | 66.04                         | 14.94   | 20.67                  | 4.60 | 5.10 | 320 |
|  | <b>CATERPILLAR, INC.</b>                                |   |   |                                |           |                |                               |         |                        |      |      |     |
|  | A30CA001  | AP-200B   | 9' SPW, CRAWLER MOUNTED                           | 35 HP                          | D-off     | \$50,497       | 12.88                         | 2.92    | 4.04                   | 0.90 | 0.97 | 96  |
|  | A30CA006  | AP-1000   | 10' SPW, PNEUMATIC, 215 CF HOPPER                 | 155 HP                         | D-off     | \$265,102      | 66.63                         | 15.09   | 20.73                  | 4.72 | 4.30 | 332 |
|  | A30CA002  | AP-800C   | 10' PAVEMASTER, PNEUMATIC, 195 CF HOPPER          | 107 HP                         | D-off     | \$224,787      | 55.58                         | 12.80   | 17.60                  | 4.00 | 2.97 | 306 |
|  | A30CA004  | AP-1050   | 10' PAVEMASTER, PNEUMATIC, 215 CF HOPPER, CRAWLER | 155 HP                         | D-off     | \$284,364      | 70.90                         | 16.43   | 22.75                  | 5.06 | 4.30 | 380 |
|  | <b>SUBCATEGORY 0.20 TOWED</b>                           |   |   |                                |           |                |                               |         |                        |      |      |     |
|  | <b>BLAW-KNOX CONSTRUCTION EQUIPMENT</b>                 |   |   |                                |           |                |                               |         |                        |      |      |     |
|  | A30BK019  | RW 100 A  | ROAD WIDENER, SHOULDER PAVING MACHINE W/BLADE     | 105 HP                         | D-off     | \$164,941      | 37.48                         | 9.45    | 13.01                  | 2.94 | 2.91 | 245 |
|  | A30BK020  | RW 195 D  | ROAD WIDENER, SHOULDER PAVING MACHINE W/BLADE     | 173 HP                         | D-off     | \$212,348      | 49.70                         | 12.18   | 16.80                  | 3.78 | 4.80 | 330 |
|  | <b>SUBCATEGORY 0.30 SLURRY SEAL PAVERS (COLD MIX)</b>   |   |   |                                |           |                |                               |         |                        |      |      |     |
|  | <b>NO SPECIFIC MANUFACTURER</b>                         |   |   |                                |           |                |                               |         |                        |      |      |     |
| A30XX001   | MINIMAC   | SLURRY SEAL PAVER, 8' WIDE                        | 110 HP  | D-off                          | \$119,194 | 21.17          | 5.98                          | 7.78    | 2.09                   | 2.86 | 130  |     |
| A30XX002   | MACROPAVER 12   | SLURRY SEAL PAVER, 8' WIDE (ADD 40,000 GVW TRUCK) | 110 HP  | D-off                          | \$136,861 | 23.47          | 6.96                          | 9.12    | 2.40                   | 2.86 | 175  |     |
| <b>SUBCATEGORY 0.40 MISCELLANEOUS ROAD EQUIPMENT</b> |   |   |   |                                |           |                |                               |         |                        |      |      |     |
| <b>CATERPILLAR, INC.</b>                             |   |   |   |                                |           |                |                               |         |                        |      |      |     |
| A30CA007   | BG 650  | WINDROW ELEVATOR 60" WIDE                         | 107 HP  | D-off                          | \$100,437 | 24.47          | 5.75                          | 7.91    | 1.79                   | 2.97 | 171  |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT   | REGION 10  |            |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|---|--|------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|   | ID.NO.   | MODEL      | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
| <b>A30</b>  | <i>CATERPILLAR, INC. (continued)</i>   |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | A30CA010   | RM350      | SOIL RECLAIMER MIXER, 96" W X 15" D                                  | 430 HP                         | D-off   | \$318,484      | 80.90                         | 18.20   | 25.06                  | 5.67 | 11.92 | 454 |
| <b>A35 ASPHALT PAVING KETTLES</b>                               |  |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | <b>SUBCATEGORY 0.00 ASPHALT PAVING KETTLES</b>                               |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | <b>AEROIL PRODUCTS</b>   |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | A35AE001   | KE-B-80KE  | 80 GALLON, BOTTOM FIRED, TRLR MTD                                    |                                |         | \$4,373        | 3.35                          | 0.35    | 0.54                   | 0.08 | 0.00  | 9   |
|   | A35AE002   | KE-B-115KE | 115 GALLON, BOTTOM FIRED, TRLR MTD                                   |                                |         | \$4,726        | 4.17                          | 0.39    | 0.59                   | 0.09 | 0.00  | 11  |
|   | A35AE003   | KE-B-170KE | 170 GALLON, BOTTOM FIRED, TRLR MTD                                   |                                |         | \$5,304        | 4.72                          | 0.44    | 0.68                   | 0.10 | 0.00  | 12  |
|   | A35AE004   | KE-B-260KE | 260 GALLON, BOTTOM FIRED, TRLR MTD                                   |                                |         | \$6,281        | 5.94                          | 0.53    | 0.81                   | 0.12 | 0.00  | 16  |
|   | A35AE005   | KE-B-360KE | 360 GALLON, BOTTOM FIRED, TRLR MTD                                   |                                |         | \$7,445        | 8.49                          | 0.61    | 0.94                   | 0.14 | 0.00  | 20  |
| <b>A40 ASPHALT &amp; CONCRETE MILLERS / PROFILERS / PLANERS</b> |  |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | <b>SUBCATEGORY 0.00 ASPHALT &amp; CONCRETE MILLERS / PROFILERS / PLANERS</b> |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | <b>CATERPILLAR, INC.</b>   |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | A40CA004   | PR-450C    | COLD PLANER, MAX CUT 75" W X 10" D                                   | 450 HP                         | D-off   | \$359,413      | 99.18                         | 20.77   | 28.75                  | 6.40 | 12.47 | 510 |
|   | A40CA007   | PM565      | COLD PLANER, 83" W X 12" D   | 525 HP                         | D-off   | \$475,513      | 128.58                        | 27.49   | 38.04                  | 8.47 | 14.55 | 735 |
|   | A40CA011   | SM350      | STABILIZER MIXER, 96" W X 20" D                                      | 430 HP                         | D-off   | \$317,584      | 88.91                         | 18.18   | 25.04                  | 5.66 | 11.92 | 405 |
| <b>A45 ASPHALT RECYCLERS &amp; SEALERS</b>                      |  |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | <b>SUBCATEGORY 0.00 ASPHALT RECYCLERS &amp; SEALERS</b>                      |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | <b>AEROIL PRODUCTS</b>   |            |  |                                |         |                |                               |         |                        |      |       |     |
|   | A45AE001   | HE-PR-52V  | RESURFACER-PATCHER, 600,000 BTU, INFRA-RED HEATER, TRAILER MOUNTED   |                                |         | \$8,123        | 9.25                          | 0.54    | 0.78                   | 0.15 | 0.00  | 11  |
|   | A45AE002   | HE-PR-96V  | RESURFACER-PATCHER, 1,200,000 BTU, INFRA-RED HEATER, TRAILER MOUNTED |                                |         | \$15,782       | 18.44                         | 1.06    | 1.55                   | 0.29 | 0.00  | 16  |
|   | A45AE003   | HE-PR-120V | RESURFACER-PATCHER, 1,420,000 BTU INFRA-RED HEATER, TRAILER MOUNTED  |                                |         | \$18,572       | 21.78                         | 1.26    | 1.83                   | 0.34 | 0.00  | 17  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10                       |             |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|--|---------------------------------|-------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|  | ID.NO.                          | MODEL       | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|  |                                 |             |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SEALMASTER, INC.</b>         |             |   |                                |         |                |                               |         |                        |      |      |     |
|  | A45SE002                        | SP200 DUAL  | SEALCOATER, 108" SPRAY WIDTH, 200 GALLON DUAL SPRAY, SQUEEGEE   | 20 HP                          | G       | \$19,561       | 9.03                          | 1.33    | 1.94                   | 0.36 | 1.82 | 28  |
|  | A45SE003                        | SP300 DUAL  | SEALCOATER, 108" SPRAY WIDTH, 300 GALLON DUAL SPRAY, SQUEEGEE   | 30 HP                          | G       | \$26,773       | 12.97                         | 1.81    | 2.65                   | 0.49 | 2.73 | 39  |
|  | A45SE004                        | TR-1000     | TANK TRAILER, 1000 GALLON CAPACITY  | 16 HP                          | G       | \$15,664       | 6.71                          | 1.04    | 1.51                   | 0.29 | 1.46 | 52  |
|  | <b>NO SPECIFIC MANUFACTURER</b> |             |   |                                |         |                |                               |         |                        |      |      |     |
|  | A45XX001                        | 400 HD      | JOINT & CRACK FILLER, 400 GAL, TRL MTD  | 23 HP                          | D-off   | \$39,897       | 11.44                         | 2.69    | 3.91                   | 0.73 | 0.64 | 55  |
| <b>B10 BATCH PLANTS (ASPHALT &amp; CONCRETE)</b> |                                 |             |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SUBCATEGORY 0.20</b>         |             | <b>CONCRETE</b>   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>CEMEN TECH</b>               |             |   |                                |         |                |                               |         |                        |      |      |     |
|  | B10CC001                        | SCD2-50H    | STATIONARY CONCRETE DISPENSER, 30 CF CEMENT BIN, 2 CY AGGREGATE BIN, 15 CY/HOUR MAX OUTPUT  | 10 HP                          | E       | \$22,908       | 8.63                          | 1.38    | 1.95                   | 0.40 | 0.81 | 110 |
|  | B10CC002                        | SCD4.5-50H  | STATIONARY CONCRETE DISPENSER, 50 CF CEMENT BIN, 4.5 CY AGGREGATE BIN 15 CY/HOUR MAX. OUTPUT  | 15 HP                          | E       | \$31,042       | 11.66                         | 1.86    | 2.64                   | 0.54 | 1.21 | 180 |
|  | B10CC003                        | SCD4.5-100H | STATIONARY CONCRETE DISPENSER, 50 CF CEMENT BIN, 4.5 CY AGGREGATE BIN, 30 CY/HOUR MAX. OUTPUT   | 25 HP                          | E       | \$39,705       | 15.94                         | 2.37    | 3.37                   | 0.68 | 2.02 | 190 |
|  | B10CC004                        | SCD8-100H   | STATIONARY CONCRETE DISPENSER, 80 CF CEMENT BIN, 8 CY AGGREGATE BIN, 30 CY/HOUR MAX. OUTPUT   | 30 HP                          | E       | \$48,236       | 19.07                         | 2.88    | 4.10                   | 0.83 | 2.42 | 290 |
|  | B10CC005                        | SCD8-150H   | STATIONARY CONCRETE DISPENSER, 80 CF CEMENT BIN, 8 CY AGGREGATE BIN, 60 CY/HOUR MAX. OUTPUT   | 50 HP                          | E       | \$54,726       | 23.62                         | 3.27    | 4.65                   | 0.94 | 4.03 | 300 |
|  | B10CC007                        | MCD2-50HT   | MOBILE CONCRETE DISPENSER, 30 CF CEMENT BIN, 2 CY AGGREGATE BIN, 250 GALLON WATER SYSTEM, 15 CY/HOUR OUTPUT, TRAILER MOUNTED (ADD TRK IF REOD | 18 HP                          | G       | \$31,517       | 12.65                         | 1.85    | 2.61                   | 0.54 | 1.64 | 80  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                     |            |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|-------------------------------|------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                        | MODEL      | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |                               |            |  |                                |         |                |                               |         |                        |      |       |     |
| <b>B10</b> | <b>CEMEN TECH (continued)</b> |            |  |                                |         |                |                               |         |                        |      |       |     |
|            | B10CC008                      | MCD5-100H  | MOBILE CONCRETE DISPENSER, 50 CF CEMENT BIN, 5 CY AGGREGATE BIN, 250 GALLON WATER SYSTEM, 30 CY/HOUR OUTPUT, TRUCK MOUNTED                       | 163 HP                         | G       | \$70,015       | 41.05                         | 4.02    | 5.61                   | 1.21 | 14.83 | 132 |
|            | B10CC009                      | MCD8-100H  | MOBILE CONCRETE DISPENSER, 85 CF CEMENT BIN, 8 CY AGGREGATE BIN, 400 GALLON WATER SYSTEM, 30 CY/HOUR MAX. OUTPUT, TRUCK MOUNTED                  | 200 HP                         | G       | \$94,772       | 52.03                         | 5.38    | 7.49                   | 1.63 | 18.20 | 194 |
|            | B10CC010                      | MCD8-150H  | MOBILE CONCRETE DISPENSER, 85 CF CEMENT BIN, 8 CY AGGREGATE BIN, 400 GALLON WATER SYSTEM, 60 CY/HOUR OUTPUT, TRUCK MOUNTED                       | 200 HP                         | G       | \$103,341      | 54.27                         | 5.89    | 8.21                   | 1.78 | 18.20 | 204 |
|            | B10CC011                      | HS-240     | BULK CEMENT SILO, 240 BARREL/38 TON CAP HORIZONTAL   | 20 HP                          | E       | \$21,928       | 8.65                          | 1.31    | 1.86                   | 0.38 | 1.61  | 45  |
|            | B10CC012                      |            | BULK CEMENT SILO, 210 BARREL (830 CF)  | 18 HP                          | G       | \$19,191       | 7.53                          | 1.15    | 1.63                   | 0.33 | 1.64  | 35  |
|            | B10CC013                      |            | BULK CEMENT SILO, 300 BARREL (1200 CF)   | 18 HP                          | G       | \$23,234       | 8.52                          | 1.39    | 1.97                   | 0.40 | 1.64  | 48  |
|            | B10CC014                      |            | CEMENT BAG LOADING AUGER, 6" DIA., 19' LONG, ADJUSTABLE TO DISCHARGE OF 13' 6"   | 5 HP                           | E       | \$6,737        | 2.70                          | 0.40    | 0.57                   | 0.12 | 0.40  | 10  |
|            | <b>CON-E-CO</b>               |            |  |                                |         |                |                               |         |                        |      |       |     |
|            | B10CL009                      | ALL-PRO 10 | CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 50 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 400 BARRELS MAX / 333 MIN CAPACITY OF 200 CY/HR | 40 HP                          | E       | \$115,059      | 34.90                         | 6.82    | 9.69                   | 1.98 | 3.22  | 250 |
|            | B10CL003                      | LO-PRO 5   | CONCRETE BATCHING PLANT WITH 5 CY AGGREGATE BATCHER, 26 CY AGGREGATE BIN, 5 CY CEMENT BATCHER, 245 BARRELS MAX / 205 MIN CAPACITY OF 100 CY/HR   | 45 HP                          | E       | \$114,633      | 35.97                         | 6.80    | 9.64                   | 1.98 | 3.63  | 380 |
|            | B10CL001                      | LO-PRO 10  | CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 50 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 215 BARRELS MAX /179 MIN CAPACITY OF 200 CY/HR  | 60 HP                          | E       | \$129,325      | 41.78                         | 7.63    | 10.79                  | 2.23 | 4.84  | 410 |
|            | B10CL002                      | LO-PRO 12  | CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 58 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 215 BARRELS MAX /179 MIN CAPACITY OF 240 CY/HR  | 60 HP                          | E       | \$136,287      | 43.91                         | 8.04    | 11.38                  | 2.35 | 4.84  | 425 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                   |                |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|-----------------------------|----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                      | MODEL          | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |                             |                |   |                                |         |                |                               |         |                        |      |       |     |
| <b>B10</b> | <i>CON-E-CO (continued)</i> |                |   |                                |         |                |                               |         |                        |      |       |     |
|            | B10CL004                    | LO-PRO 10 HP   | CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 50 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 215 BARRELS MAX / 179 MIN CAPACITY OF 275 CY/HR                    | 85 HP                          | E       | \$177,541      | 56.20                         | 10.51   | 14.89                  | 3.06 | 6.85  | 410 |
|            | B10CL005                    | LO-PRO 10T-CM  | CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 50 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 215 BARRELS MAX / 179 MIN CAPACITY OF 275 CY/HR                    | 120 HP                         | E       | \$192,083      | 64.54                         | 11.37   | 16.12                  | 3.31 | 9.67  | 410 |
|            | B10CL006                    | LO-PRO 12T-CM  | CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 58 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 215 BARRELS MAX / 179 MIN CAPACITY OF 275 CY/HR                    | 120 HP                         | E       | \$196,666      | 65.61                         | 11.65   | 16.51                  | 3.39 | 9.67  | 426 |
|            | B10CL007                    | LO-PRO T-10CM  | CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 35 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 215 BARRELS MAX / 179 MIN CAPACITY OF 275 CY/HR                    | 295 HP                         | E       | \$192,347      | 87.37                         | 11.40   | 16.15                  | 3.32 | 23.78 | 400 |
|            | B10CL008                    | LO-PRO SUPER   | CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 48 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 243 BARRELS MAX / 202 MIN CAPACITY OF 480 CY/HR                    | 345 HP                         | E       | \$192,782      | 94.31                         | 11.41   | 16.18                  | 3.32 | 27.81 | 500 |
|            | B10CL015                    | PLP MODEL 12   | PORTABLE LOW PROFILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 60 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 475 BARRELS THEORETICAL CAPACITY OF 200 CY/HR | 30 HP                          | E       | \$104,268      | 30.64                         | 6.23    | 8.86                   | 1.80 | 2.42  | 380 |
|            | B10CL016                    | PLP MODEL 10 C | PORTABLE LOW PROFILE CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 60 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 475 BARRELS THEORETICAL CAPACITY OF 300 CY/HR | 40 HP                          | E       | \$167,362      | 47.12                         | 10.01   | 14.23                  | 2.89 | 3.22  | 350 |
|            | B10CL017                    | PLP MODEL 12 C | PORTABLE LOW PROFILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 60 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 475 BARRELS THEORETICAL CAPACITY OF 360 CY/HR | 40 HP                          | E       | \$173,806      | 48.62                         | 10.39   | 14.77                  | 3.00 | 3.22  | 380 |
|            | B10CL018                    | PLP SUPER 10   | PORTABLE LOW PROFILE CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 60 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 475 BARRELS THEORETICAL CAPACITY OF 480 CY/HR | 75 HP                          | E       | \$204,041      | 60.62                         | 12.19   | 17.34                  | 3.52 | 6.04  | 380 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                   |                |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|-----------------------------|----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                      | MODEL          | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |                             |                |   |                                |         |                |                               |         |                        |      |       |     |
| <b>B10</b> | <i>CON-E-CO (continued)</i> |                |   |                                |         |                |                               |         |                        |      |       |     |
|            | B10CL019                    | PLP SUPER 12   | PORTABLE LOW PROFILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 60 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 475 BARRELS THEORETICAL CAPACITY OF 575 CY/HR   | 300 HP                         | E       | \$211,261      | 92.42                         | 12.62   | 17.96                  | 3.64 | 24.18 | 500 |
|            | B10CL020                    | SLP MODEL 12   | STATIONARY LOW PROFILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 48 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 335 BARRELS THEORETICAL CAPACITY OF 200 CY/HR | 40 HP                          | E       | \$115,826      | 35.10                         | 6.92    | 9.85                   | 2.00 | 3.22  | 380 |
|            | B10CL021                    | VERSA-PLANT 10 | 10 CY CAPACITY PORTABLE CONCRETE BATCHING PLANT, WITH STANDARD ACCESSORIES  | 35 HP                          | E       | \$56,109       | 20.04                         | 3.32    | 4.69                   | 0.97 | 2.82  | 190 |
|            | B10CL024                    | CON-E-CO 12    | 12 CY TILT MIXER, 11' 8" DIA. WITH MIXING BLADES, STATIONARY  | 200 HP                         | E       | \$164,178      | 67.22                         | 9.81    | 13.96                  | 2.83 | 16.12 | 90  |
|            | B10CL025                    | MTM 12         | 12 CY TILT MIXER, 11' 8" DIA. WITH REMOVABLE AXLES, TRAILER MOUNTED   | 200 HP                         | E       | \$185,999      | 72.31                         | 11.07   | 15.73                  | 3.21 | 16.12 | 130 |
|            | B10CL026                    |                | 1340 CF CEMENT STORAGE SILO (335 BARREL MAX CAP/278 MIN) WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE   |                                |         | \$16,333       | 3.81                          | 0.97    | 1.39                   | 0.28 | 0.00  | 100 |
|            | B10CL027                    |                | 1910 CF CEMENT STORAGE SILO (475 BARREL MAX CAP/397 MIN) WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE   |                                |         | \$19,087       | 4.45                          | 1.14    | 1.62                   | 0.33 | 0.00  | 144 |
|            | B10CL028                    |                | 2040 CF CEMENT STORAGE SILO (510 BARREL MAX CAP/425 MIN) WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE   |                                |         | \$21,987       | 5.13                          | 1.31    | 1.87                   | 0.38 | 0.00  | 189 |
|            | B10CL029                    |                | 2480 CF CEMENT STORAGE SILO (620 BARREL MAX CAP/516 MIN.) WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE  |                                |         | \$24,372       | 5.68                          | 1.45    | 2.07                   | 0.42 | 0.00  | 222 |
|            | B10CL030                    |                | 3050 CF CEMENT STORAGE SILO (765 BARREL MAX CAP/637 MIN.) WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE  |                                |         | \$30,151       | 7.03                          | 1.80    | 2.56                   | 0.52 | 0.00  | 278 |
|            | B10CL031                    |                | 4190 CF CEMENT STORAGE SILO (1045 BARREL MAX CAP/873 MIN.) WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE   |                                |         | \$43,895       | 10.24                         | 2.63    | 3.73                   | 0.76 | 0.00  | 370 |
|            | B10CL042                    |                | SCREW CONVEYOR, 6" DIA X 10' LONG, FOR CEMENT SILO (ATTACHMENT)   | 5 HP                           | E       | \$2,786        | 1.63                          | 0.17    | 0.24                   | 0.05 | 0.40  | 5   |
|            | B10CL043                    |                | SCREW CONVEYOR, 6" DIA X 15' LONG, FOR CEMENT SILO (ATTACHMENT)   | 8 HP                           | E       | \$3,331        | 2.24                          | 0.20    | 0.28                   | 0.06 | 0.64  | 8   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                   |               |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|-----------------------------|---------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                      | MODEL         | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                             |               |  |                                |         |                |                               |         |                        |      |      |     |
| <b>B10</b> | <i>CON-E-CO (continued)</i> |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | B10CL045                    |               | SCREW CONVEYOR, 6" DIA X 20' LONG, FOR CEMENT SILO (ATTACHMENT)  | 10HP                           | E       | \$3,781        | 2.72                          | 0.23    | 0.32                   | 0.07 | 0.81 | 11  |
|            | B10CL046                    |               | SCREW CONVEYOR, 6" DIA X 25' LONG, FOR CEMENT SILO (ATTACHMENT)  | 10HP                           | E       | \$4,208        | 2.86                          | 0.25    | 0.36                   | 0.07 | 0.81 | 13  |
|            | B10CL036                    |               | SCREW CONVEYOR, 9" DIA X 10' LONG, FOR CEMENT SILO (ATTACHMENT)  | 8HP                            | E       | \$3,067        | 2.12                          | 0.18    | 0.26                   | 0.05 | 0.64 | 9   |
|            | B10CL038                    |               | SCREW CONVEYOR, 9" DIA X 15' LONG, FOR CEMENT SILO (ATTACHMENT)  | 15HP                           | E       | \$3,803        | 3.35                          | 0.23    | 0.32                   | 0.07 | 1.21 | 12  |
|            | B10CL040                    |               | SCREW CONVEYOR, 9" DIA X 20' LONG, FOR CEMENT SILO (ATTACHMENT)  | 20HP                           | E       | \$4,275        | 4.18                          | 0.25    | 0.36                   | 0.07 | 1.61 | 16  |
|            | B10CL041                    |               | SCREW CONVEYOR, 9" DIA X 25' LONG, FOR CEMENT SILO (ATTACHMENT)  | 20HP                           | E       | \$4,868        | 4.37                          | 0.28    | 0.41                   | 0.08 | 1.61 | 19  |
|            | B10CL032                    |               | SCREW CONVEYOR, 12" DIA. X 10' LONG FOR CEMENT SILO (ATTACHMENT)   | 10HP                           | E       | \$3,663        | 2.63                          | 0.22    | 0.31                   | 0.06 | 0.81 | 10  |
|            | B10CL033                    |               | SCREW CONVEYOR, 12" DIA X 15' LONG, FOR CEMENT SILO (ATTACHMENT)   | 15HP                           | E       | \$4,539        | 3.57                          | 0.28    | 0.39                   | 0.08 | 1.21 | 15  |
|            | B10CL034                    |               | SCREW CONVEYOR, 12" DIA X 20' LONG, FOR CEMENT SILO (ATTACHMENT)   | 20HP                           | E       | \$4,891        | 4.38                          | 0.29    | 0.42                   | 0.08 | 1.61 | 20  |
|            | B10CL035                    |               | SCREW CONVEYOR, 12" DIA X 25' LONG, FOR CEMENT SILO (ATTACHMENT)   | 25HP                           | E       | \$7,247        | 5.68                          | 0.43    | 0.62                   | 0.12 | 2.02 | 25  |
|            | <b>IDEAL MANUFACTURING</b>  |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | B10IE001                    | FAST-WAY BATC | 6 CY BATCH PLANT, NO CEMENT SILO OR AGGREGATE STORAGE BIN, CHARGING BY FRONT-END LOADER  | 3HP                            | E       | \$33,324       | 9.65                          | 1.98    | 2.81                   | 0.57 | 0.24 | 64  |
|            | B10IE002                    | FAST-WAY CEME | 1155 CF (275 BARREL) CEMENT STORAGE WITH SELF-ERECTING HYDRAULIC SYSTEM  | 5HP                            | E       | \$41,272       | 11.76                         | 2.46    | 3.51                   | 0.71 | 0.40 | 136 |
|            | B10IE003                    | FAST-WAY CEME | 6" DIA X 19' LONG SCREW CONVEYOR (USED FOR BAGGED CEMENT)  | 3HP                            | E       | \$5,631        | 2.20                          | 0.34    | 0.48                   | 0.10 | 0.24 | 10  |
|            | <b>ROSS COMPANY</b>         |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | B10RC007                    | BANDIT        | MOBILE CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 64.3 TON/47.6 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 385 BARRELS, 200 CY/HOUR OUTPUT | 23HP                           | E       | \$104,833      | 29.85                         | 6.20    | 8.78                   | 1.81 | 1.81 | 420 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                       |               |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---------------------------------|---------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                          | MODEL         | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                                 |               |   |                                |         |                |                               |         |                        |      |      |     |
| <b>B10</b> | <i>ROSS COMPANY (continued)</i> |               |   |                                |         |                |                               |         |                        |      |      |     |
|            | B10RC008                        | BTR BANDIT 12 | MOBILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 64.3 TON/47.6 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 439 BARRELS MAX / 411 MIN CAPACITY CEMENT SILO, 200 CY/HOUR OUTPUT | 23 HP                          | E       | \$106,254      | 30.17                         | 6.28    | 8.90                   | 1.83 | 1.81 | 250 |
|            | B10RC002                        | BOSS          | MOBILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 83 TON/61.5 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 346 BARRELS MAX / 289 MIN CAPACITY CEMENT SILO                       | 25 HP                          | E       | \$107,605      | 30.83                         | 6.37    | 9.01                   | 1.86 | 2.02 | 470 |
|            | B10RC004                        | 110 RUSTLER   | MOBILE CONCRETE BATCHING PLANT WITH 5 CY AGGREGATE WEIGHING BATCHER, 36.5 TON/27 CY AGGREGATE BIN, 5 CY CEMENT WEIGHING BATCHER, 225 BARRELS 110 CY/HOUR OUTPUT                       | 30 HP                          | E       | \$103,681      | 31.04                         | 6.13    | 8.69                   | 1.79 | 2.42 | 325 |
|            | B10RC009                        | 100 UNIPLANT  | MOBILE CONCRETE BATCHING PLANT WITH 4 CY AGGREGATE BATCHER, 36.45 TON/27 CY AGGREGATE BIN, 4 CY CEMENT BATCHER, 224 BARRELS 100 CY/HOUR OUTPUT  | 37 HP                          | E       | \$100,458      | 31.11                         | 5.94    | 8.42                   | 1.73 | 2.94 | 300 |
|            | B10RC010                        | SUPER 100     | MOBILE CONCRETE BATCHING PLANT WITH 5 CY AGGREGATE WEIGHING HOPPER, 43.2 TON/32 CY AGGREGATE BIN, 5 CY CEMENT BATCHER, 273 BARRELS 110 CY/HOUR OUTPUT                                 | 37 HP                          | E       | \$111,942      | 33.79                         | 6.63    | 9.39                   | 1.93 | 2.94 | 360 |
|            | B10RC005                        | 160 RUSTLER   | MOBILE CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE WEIGHING BATCHER, 60.75 TON/45 CY AGGREGATE BIN, 10 CY CEMENT WEIGHING BATCHER, 300 CEMENT SILO, 160 CY/HOUR OUTPUT               | 43 HP                          | E       | \$136,895      | 42.45                         | 8.07    | 11.43                  | 2.36 | 3.47 | 460 |
|            | B10RC006                        | RUSTLER II    | MOBILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 70 TON/51.8 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 342 BARRELS 160 CY/HOUR OUTPUT                                       | 46 HP                          | E       | \$131,050      | 40.91                         | 7.73    | 10.94                  | 2.26 | 3.67 | 489 |
|            | B10RC011                        | 135 UNIPLANT  | MOBILE CONCRETE BATCHING PLANT WITH 8 CY AGGREGATE BATCHER, 60.75 TON/45 CY AGGREGATE BIN, 8 CY CEMENT BATCHER, 275 BARRELS 150 CY/HOUR OUTPUT  | 48 HP                          | E       | \$118,287      | 38.24                         | 6.96    | 9.85                   | 2.04 | 3.87 | 400 |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                       |               |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---------------------------------|---------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                          | MODEL         | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                                 |               |   |                                |         |                |                               |         |                        |      |      |     |
| <b>B10</b> | <i>ROSS COMPANY (continued)</i> |               |   |                                |         |                |                               |         |                        |      |      |     |
|            | B10RC001                        | BOSS V.P.     | MOBILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 83 TON/61.5 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 316 BARRELS MAX /263 MIN CAPACITY CEMENT SILO  | 53 HP                          | E       | \$111,087      | 37.38                         | 6.58    | 9.31                   | 1.92 | 4.23 | 480 |
|            | B10RC003                        | BOSS EXECUTIV | MOBILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 83 TON/61.5 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 346 BARRELS MAX / 289 MIN CAPACITY CEMENT SILO | 55 HP                          | E       | \$140,201      | 44.74                         | 8.28    | 11.71                  | 2.42 | 4.43 | 600 |
|            | B10RC014                        | WHPT-12       | MODULAR BATCH PLANT, 4 AGGREGATE COMPARTMENTS WITH 222 TON CAPACITY, 1 CEMENT COMPARTMENT, 12 CY BATCHER  | 15 HP                          | E       | \$211,878      | 56.08                         | 12.66   | 18.01                  | 3.65 | 1.21 | 500 |
|            | B10RC012                        | XHPT-12       | MODULAR BATCH PLANT, 4 AGGREGATE COMPARTMENTS WITH 239 TON CAPACITY, 1 CEMENT COMPARTMENT, 12 CY BATCHER  | 15 HP                          | E       | \$210,584      | 55.78                         | 12.58   | 17.90                  | 3.63 | 1.21 | 500 |
|            | B10RC013                        | HPXT-12       | MODULAR BATCH PLANT, 3 AGGREGATE COMPARTMENTS WITH 300 TON CAPACITY, 1 CEMENT COMPARTMENT, 12 CY BATCHER  | 15 HP                          | E       | \$264,420      | 68.59                         | 15.80   | 22.48                  | 4.56 | 1.21 | 525 |
|            | B10RC015                        | HPWT-12       | MODULAR BATCH PLANT, 4 AGGREGATE COMPARTMENTS WITH 300 TON CAPACITY, 1 CEMENT COMPARTMENT, 12 CY BATCHER  | 15 HP                          | E       | \$265,715      | 68.89                         | 15.88   | 22.59                  | 4.58 | 1.21 | 525 |
|            | B10RC016                        | MOBILE MIXER  | 4.5 CY PORTABLE MIXER WITH 44 FT., ATTACHED CONVEYOR  | 75 HP                          | E       | \$224,759      | 67.52                         | 13.32   | 18.87                  | 3.88 | 6.04 | 420 |
|            | B10RC017                        | COMPUMIX      | PORTABLE MIXING PLANT WITH 4.5 CY MIXER, 5 CY AGGREGATE BATCHER, 5 CY CEMENT BATCHER, 24 FT. ATTACHED CONVEYOR FOR RCC MIXES                                    | 30 HP                          | E       | \$363,804      | 93.27                         | 21.56   | 30.58                  | 6.27 | 2.42 | 420 |
|            | B10RC023                        | 60 UNIMIX     | MOBILE BATCH PLANT- MIXER COMBINATION WITH 2 CY MIXING DRUM, 34 CY/45.9 TON AGGREGATE BIN CAPACITY, 258 BARRELS MAX / 215 MIN OUTPUT                            | 40 HP                          | E       | \$223,750      | 62.31                         | 13.29   | 18.85                  | 3.86 | 3.22 | 530 |
|            | B10RC024                        | 100 UNIMIX    | MOBILE BATCH PLANT- MIXER COMBINATION WITH 3.5 CY MIXING DRUM, 34 CY/45.9 TON AGGREGATE BIN CAPACITY, 256 BARRELS MAX / 213 MIN CY/HOUR OUTPUT                  | 60 HP                          | E       | \$251,563      | 72.35                         | 14.90   | 21.11                  | 4.34 | 4.84 | 600 |
|            | B10RC025                        | 120 UNIMIX    | MOBILE BATCH PLANT- MIXER COMBINATION WITH 4.5 CY MIXING DRUM, 58 CY/78.3 TON AGGREGATE BIN CAPACITY, 257 BARRELS MAX / 214 MIN CY/HOUR OUTPUT                  | 80 HP                          | E       | \$269,123      | 79.98                         | 15.94   | 22.60                  | 4.64 | 6.45 | 720 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                   |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |      | CWT |
|------------|---|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|------|-----|
|            | ID.NO.                                      | MODEL          | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL |     |
| <b>B10</b> | <i>ROSS COMPANY (continued)</i>             |                |  |                                |         |                |                               |         |                        |       |      |     |
|            | B10RC026                                    | USA CENTRAL MI | MOBILE CENTRAL MIX PLANT WITH 105.7 CY/142.7 TON AGGREGATE BIN CAPACITY, 469 BARRELS MAX / 391 MIN CEMENT STORAGE CAPACITY, 47.5' OUTPUT | 120 HP                         | E       | \$654,448      | 176.00                        | 38.85   | 55.15                  | 11.28 | 9.67 | 800 |
|            | <b>STEPHENS MANUFACTURING COMPANY, INC.</b> |                |  |                                |         |                |                               |         |                        |       |      |     |
|            | B10SN001                                    | 21ST 100-3     | 10 CY AGGREGATE BATCHER SECTION WITH 100 TON 3 COMPARTMENT BIN   |                                |         | \$65,450       | 16.76                         | 3.91    | 5.56                   | 1.13  | 0.00 | 300 |
|            | B10SN002                                    | 21ST 100-4     | 10 CY AGGREGATE BATCHER SECTION WITH 100 TON 4 COMPARTMENT BIN   |                                |         | \$69,105       | 17.71                         | 4.13    | 5.87                   | 1.19  | 0.00 | 320 |
|            | B10SN003                                    | 21ST 150-3     | 10 CY AGGREGATE BATCHER SECTION WITH 150 TON 4 COMPARTMENT BIN   |                                |         | \$73,162       | 18.71                         | 4.37    | 6.22                   | 1.26  | 0.00 | 340 |
|            | B10SN004                                    | 21ST 150-3     | 10 CY AGGREGATE BATCHER SECTION WITH 200 TON 3 COMPARTMENT BIN   |                                |         | \$74,600       | 19.05                         | 4.46    | 6.34                   | 1.29  | 0.00 | 360 |
|            | B10SN005                                    | 21ST 150-4     | 10 CY AGGREGATE BATCHER SECTION WITH 200 TON 4 COMPARTMENT BIN   |                                |         | \$80,094       | 20.38                         | 4.79    | 6.81                   | 1.38  | 0.00 | 400 |
|            | B10SN006                                    | 21ST 200-3     | 10 CY AGGREGATE BATCHER SECTION WITH 250 TON 3 COMPARTMENT BIN   |                                |         | \$82,165       | 20.86                         | 4.91    | 6.98                   | 1.42  | 0.00 | 480 |
|            | B10SN007                                    | 21ST 200-4     | 10 CY AGGREGATE BATCHER SECTION WITH 250 TON 4 COMPARTMENT BIN   |                                |         | \$88,294       | 22.34                         | 5.27    | 7.50                   | 1.52  | 0.00 | 500 |
|            | B10SN008                                    | 21ST 300-3     | 10 CY AGGREGATE BATCHER SECTION WITH 300 TON 3 COMPARTMENT BIN   |                                |         | \$89,914       | 22.72                         | 5.37    | 7.64                   | 1.55  | 0.00 | 560 |
|            | B10SN009                                    | 21ST 300-4     | 10 CY AGGREGATE BATCHER SECTION WITH 300 TON 4 COMPARTMENT BIN   |                                |         | \$97,595       | 24.61                         | 5.83    | 8.30                   | 1.68  | 0.00 | 580 |
|            | B10SN010                                    | 21ST 350       | 10' DIAMETER CEMENT SILO W/BATCHER, 1405 CF, 66 TON CAPACITY   |                                |         | \$34,723       | 9.40                          | 2.08    | 2.95                   | 0.60  | 0.00 | 170 |
|            | B10SN011                                    | 21ST 450       | 10' DIAMETER CEMENT SILO W/BATCHER, 1806 CF, 85 TON CAPACITY   |                                |         | \$36,526       | 9.81                          | 2.18    | 3.10                   | 0.63  | 0.00 | 185 |
|            | B10SN012                                    | 21ST 550       | 10' DIAMETER CEMENT SILO W/BATCHER, 2207 CF, 104 TON CAPACITY  |                                |         | \$37,911       | 10.14                         | 2.26    | 3.22                   | 0.65  | 0.00 | 200 |
|            | B10SN013                                    | 21ST 650       | 11' 4" DIA CEMENT SILO W/BATCHER, 2612 CF, 123 TON CAPACITY  |                                |         | \$41,532       | 11.04                         | 2.48    | 3.53                   | 0.72  | 0.00 | 240 |
|            | B10SN014                                    | 21ST 650-2     | 11' 4" DIA 2-COMP CEMENT SILO W/ BATCHER, 2612 CF, 123 TON CAPACITY  |                                |         | \$58,494       | 15.14                         | 3.50    | 4.97                   | 1.01  | 0.00 | 340 |
|            | B10SN015                                    | 21ST 750       | 11' 4" DIA CEMENT SILO W/BATCHER, 3006 CF, 141 TON CAPACITY  |                                |         | \$44,289       | 11.72                         | 2.64    | 3.76                   | 0.76  | 0.00 | 270 |
|            | B10SN016                                    | 21ST 750-2     | 11' 4" DIA 2-COMP CEMENT SILO W/ BATCHER, 3006 CF, 141 TON CAPACITY  |                                |         | \$62,507       | 16.08                         | 3.73    | 5.31                   | 1.08  | 0.00 | 390 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |              |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|--------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL        | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |   |              |   |                                |         |                |                               |         |                        |      |      |     |
| <b>B10</b> | <i>STEPHENS MANUFACTURING COMPANY,<br/>INC. (continued)</i> |              |   |                                |         |                |                               |         |                        |      |      |     |
|            | B10SN017  | 21ST 850     | 11' 4" DIA CEMENT SILO W/BATCHER 3410 CF,<br>160 TON CAPACITY   |                                |         | \$48,796       | 12.78                         | 2.92    | 4.15                   | 0.84 | 0.00 | 300 |
|            | B10SN018  | 21ST 850-2   | 11' 4" DIA 2-COMP CEMENT SILO W/<br>BATCHER, 3410 CF, 160 TON CAPACITY  |                                |         | \$67,395       | 17.27                         | 4.03    | 5.73                   | 1.16 | 0.00 | 440 |
|            | B10SN019  | 21ST MS350   | 10' DIAMETER MATERIAL STORAGE SILO,<br>1405 CF, 66 TON CAPACITY   |                                |         | \$25,489       | 7.15                          | 1.52    | 2.17                   | 0.44 | 0.00 | 160 |
|            | B10SN020  | 21ST MS450   | 10' DIAMETER MATERIAL STORAGE SILO,<br>1806 CF, 85 TON CAPACITY   |                                |         | \$26,873       | 7.46                          | 1.60    | 2.28                   | 0.46 | 0.00 | 175 |
|            | B10SN021  | 21ST MS550   | 10' DIAMETER MATERIAL STORAGE SILO,<br>2207 CF, 104 TON CAPACITY  |                                |         | \$28,256       | 7.79                          | 1.69    | 2.40                   | 0.49 | 0.00 | 190 |
|            | B10SN022  | 21ST MS650   | 11' 4" DIA MATERIAL STORAGE SILO 2612 CF,<br>123 TON CAPACITY   |                                |         | \$31,879       | 8.69                          | 1.91    | 2.71                   | 0.55 | 0.00 | 230 |
|            | B10SN023  | 21ST MS650-2 | 11' 4" DIA 2-COMP MATERIAL STORAGE SILO,<br>2612 CF, 123 TON CAPACITY   |                                |         | \$48,869       | 12.79                         | 2.92    | 4.15                   | 0.84 | 0.00 | 330 |
|            | B10SN024  | 21ST MS750   | 11' 4" DIA MATERIAL STORAGE SILO, 3006<br>CF, 141 TON CAPACITY  |                                |         | \$34,650       | 9.39                          | 2.08    | 2.95                   | 0.60 | 0.00 | 260 |
|            | B10SN025  | 21ST MS750-2 | 11' 4" DIA 2-COMP MATERIAL STORAGE SILO,<br>3006 CF, 141 TON CAPACITY   |                                |         | \$52,882       | 13.73                         | 3.16    | 4.49                   | 0.91 | 0.00 | 380 |
|            | B10SN026  | 21ST MS850   | 11' 4" DIA MATERIAL STORAGE SILO, 3410<br>CF, 160 TON CAPACITY  |                                |         | \$39,158       | 10.44                         | 2.35    | 3.33                   | 0.68 | 0.00 | 290 |
|            | B10SN027  | 21ST MS850-2 | 11' 4" DIA 2-COMP MATERIAL STORAGE SILO,<br>3410 CF, 160 TON CAPACITY   |                                |         | \$57,782       | 14.98                         | 3.46    | 4.91                   | 1.00 | 0.00 | 430 |
|            | B10SN028  | EAGLE1077    | 200 TON DUAL COMPARTMENT SILO, 160 CY<br>CAPACTIY   |                                |         | \$69,157       | 17.73                         | 4.13    | 5.88                   | 1.19 | 0.00 | 180 |
|            | B10SN029  | EAGLE 1341   | 250 TON DUAL COMPARTMENT SILO, 199 CY<br>CAPACTIY   |                                |         | \$84,439       | 21.40                         | 5.05    | 7.18                   | 1.46 | 0.00 | 600 |
|            | B10SN030  | EAGLE 1605   | 300 TON DUAL COMPARTMENT SILO, 238 CY<br>CAPACTIY   |                                |         | \$94,585       | 23.86                         | 5.65    | 8.04                   | 1.63 | 0.00 | 700 |
|            | B10SN031  | DC-12        | 12 CY DECUMULATING AGGREG BATCHER, 2-<br>COMPARTMENT  | 10 HP                          | E       | \$40,737       | 12.08                         | 2.43    | 3.46                   | 0.70 | 0.81 | 130 |
|            | B10SN032  | DC-12        | 12 CY DECUMULATING AGGREG BATCHER, 2-<br>COMPARTMENT, WITH STRUCTURE FOR<br>AGGREGATE BINS                            | 10 HP                          | E       | \$41,875       | 12.35                         | 2.50    | 3.56                   | 0.72 | 0.81 | 140 |
|            | B10SN033  | DC COLT      | 12 CY DECUMULATING PORTABLE BATCH<br>PLANT, 375 BBL SILO, 2-COMPARTMENT,<br>AGGREGATE BIN, & 30" TRANSFER<br>CONVEYOR |                                |         | \$84,006       | 21.09                         | 5.02    | 7.14                   | 1.45 | 0.00 | 340 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL          | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>B10</b> | <b>STEPHENS MANUFACTURING COMPANY,<br/>INC. (continued)</b> |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | B10SN034  | STALLION       | 10-12 CY STATIONARY BATCH PLANT, 610<br>BBL SILO, 3 COMPARTMENT AGGREGATE<br>BIN, & 30" TRANSFER CONVEYOR  |                                |         | \$99,522       | 24.72                         | 5.95    | 8.46                   | 1.72 | 0.00 | 360 |
|            | B10SN035  | THOROUGH-BRE   | 10 CY MOBILE BATCH PLANT, 375 BBL SILO, 3<br>COMPARTMENT AGGREGATE BIN, & 30"<br>TRANSFER CONVEYOR   |                                |         | \$99,889       | 24.95                         | 5.96    | 8.49                   | 1.72 | 0.00 | 300 |
|            | <b>VINCE HAGAN COMPANY</b>                                  |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | B10VI001  | HT-10, 250A-45 | MOBILE CONCRETE BATCHING PLANT WITH<br>10 CY AGGREGATE WEIGH BATCHER, 45<br>TON/33.3 CY AGGREGATE BIN, 10 YARD/111<br>CF CEMENT WEIGH BATCHER, CEMENT SILO         | 20 HP                          | E       | \$114,333      | 30.75                         | 6.73    | 9.53                   | 1.97 | 1.61 | 396 |
|            | B10VI003  | HSM-10,000A    | STATIONARY MODULAR CONCRETE BATCH<br>PLANT, 10 CY AGGREGATE WEIGH BATCHER,<br>NO OVERHEAD AGGREGATE BIN, 10<br>YARD/111 CF CEMENT WEIGH BATCHER, NO<br>CEMENT SILO | 15 HP                          | E       | \$86,449       | 23.12                         | 5.11    | 7.23                   | 1.49 | 1.21 | 375 |
|            | <b>SUBCATEGORY 0.30</b>                                     |                | <b>PUGMILL</b>   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>KOLMAN</b>   |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | B10KL001  | Model 707      | PORT. PUG. W/24" BELT X 50' CONVEYOR, 8<br>CY HOPPER & ASPHALT PUMPING SYSTEM  | 110 HP                         | D-off   | \$89,326       | 25.03                         | 5.26    | 7.44                   | 1.54 | 3.05 | 235 |
|            | B10KL004  | Model 707      | PORT. PUG. W/30" BELT X 50' CONVEYOR, 10<br>CY HOPPER & ASPHALT PUMPING SYSTEM   | 110 HP                         | D-off   | \$91,896       | 25.63                         | 5.40    | 7.64                   | 1.58 | 3.05 | 250 |
|            | B10KL005  | Model 707      | PORT. PUG. W/36" BELT X 50' CONVEYOR, 10<br>CY HOPPER & ASPHALT PUMPING SYSTEM   | 110 HP                         | D-off   | \$95,599       | 26.50                         | 5.62    | 7.94                   | 1.65 | 3.05 | 266 |
| <b>B15</b> | <b>BROOMS, STREET SWEEPERS &amp; FLUSHERS</b>               |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00</b>                                     |                | <b>BROOMS, STREET SWEEPERS &amp; FLUSHERS</b>  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>M-B COMPANIES, INC.</b>                                  |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | B15MB001  | MT             | SWEEPER, 7' W, HYDR LIFT, W/SPRINKLER<br>(ADD 45-100 HP TRACTOR PTO DRIVE)   |                                |         | \$4,914        | 1.31                          | 0.33    | 0.49                   | 0.09 | 0.00 | 10  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                              |          |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|--|----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                                 | MODEL    | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |  |          |  |                                |         |                |                               |         |                        |      |       |     |
| <b>B15</b> | <b>M-B COMPANIES, INC. (continued)</b> |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | B15MB002                               | HT       | SWEEPER, 7' W, HYDR LIFT, W/SPRINKLER (ADD 45-100 HP TRACTOR PTO DRIVE), HVDTY |                                |         | \$7,102        | 1.89                          | 0.48    | 0.71                   | 0.13 | 0.00  | 14  |
|            | B15MB003                               | 53T      | SWEEPER, 7' W, HYDR LIFT, W/SPRINKLER MECH DRIVE, TOWED (ADD TOWING UNIT)      |                                |         | \$8,580        | 2.35                          | 0.57    | 0.83                   | 0.16 | 0.00  | 18  |
|            | B15MB004                               | 53MH     | SWEEPER, 7' W, HYDR LIFT, W/SPRINKLER MOTOR DRIVEN, TOWED (ADD TOWING UNIT)    | 18 HP                          | G       | \$9,825        | 4.55                          | 0.66    | 0.95                   | 0.18 | 1.64  | 17  |
|            | <b>ROSCO MANUFACTURING COMPANY</b>     |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | B15RS001                               | RB-48    | STREET SWEEPER, 8' W, BRUSH, S/P   | 76 HP                          | D-off   | \$34,524       | 11.38                         | 2.33    | 3.40                   | 0.63 | 2.11  | 52  |
|            | B15RS002                               | MTA-H    | STREET FLUSHER, 1,700 GAL, TRK MTD (ADD 18,000 - 24,000 GVW TRUCK)             |                                |         | \$35,779       | 9.31                          | 2.44    | 3.58                   | 0.65 | 0.00  | 46  |
|            | B15RS003                               | MTA-H    | STREET FLUSHER, 2,500 GAL, TRK MTD (ADD 24,000 - 32,000 GVW TRUCK)             |                                |         | \$39,309       | 10.28                         | 2.69    | 3.93                   | 0.72 | 0.00  | 60  |
|            | B15RS004                               | MTA-H    | STREET FLUSHER, 3500 GAL, TRK MTD (ADD 42,000 GVW TRUCK)                       |                                |         | \$45,574       | 11.92                         | 3.11    | 4.56                   | 0.83 | 0.00  | 65  |
| <b>B20</b> | <b>BRUSH CHIPPERS</b>                  |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>SUBCATEGORY 0.00 BRUSH CHIPPERS</b> |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>MORBARK INDUSTRIES, INC.</b>        |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | B20MQ001                               | 2070     | 7" CHIPPER, DISC TYPE, TRLR MTD  | 35 HP                          | G       | \$12,034       | 7.65                          | 0.81    | 1.18                   | 0.22 | 3.19  | 21  |
|            | B20MQ002                               | 10       | 10" CHIPPER, DISC TYPE, TRLR MTD   | 80 HP                          | D-off   | \$19,680       | 8.18                          | 1.34    | 1.95                   | 0.36 | 2.22  | 44  |
|            | B20MQ003                               | 13       | 13" CHIPPER, DISC TYPE, TRLR MTD   | 135 HP                         | G       | \$21,202       | 22.87                         | 1.43    | 2.08                   | 0.39 | 12.29 | 56  |
|            | B20MQ004                               | 2400     | 17" CHIPPER, DISC TYPE, TRLR MTD   | 175 HP                         | D-off   | \$35,385       | 15.83                         | 2.37    | 3.46                   | 0.64 | 4.85  | 74  |
|            | B20MQ005                               | 22 RXL   | 22" CHIPPER, DISC TYPE, TRLR MTD   | 600 HP                         | D-off   | \$301,163      | 102.98                        | 20.45   | 29.91                  | 5.49 | 16.63 | 720 |
|            | <b>VERMEER MANUFACTURING COMPANY</b>   |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | B20VE003                               | BC 625   | 6" CHIPPER, DISC TYPE, TRLR MTD  | 22 HP                          | G       | \$9,267        | 5.24                          | 0.61    | 0.89                   | 0.17 | 2.00  | 17  |
|            | B20VE001                               | BC 1600A | 6" CHIPPER, DRUM TYPE, TRLR MTD  | 81 HP                          | D-off   | \$19,516       | 8.18                          | 1.33    | 1.93                   | 0.36 | 2.25  | 46  |
|            | B20VE004                               | BC 935   | 9" CHIPPER, DISC TYPE, TRLR MTD  | 50 HP                          | D-off   | \$19,306       | 6.93                          | 1.29    | 1.89                   | 0.35 | 1.39  | 37  |
|            | B20VE005                               | BC 1250  | 12" CHIPPER, DISC TYPE, TRLR MTD   | 81 HP                          | D-off   | \$25,383       | 9.70                          | 1.71    | 2.50                   | 0.46 | 2.25  | 57  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |           |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|-----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL     | EQUIPMENT DESCRIPTION                           | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>B20</b> | <b>VERMEER MANUFACTURING COMPANY<br/>(continued)</b> |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | B20VE002   | BC 1250   | 12" CHIPPER, DISC TYPE, TRLR MTD, WITH AUTOFEED | 102 HP                         | D-off   | \$23,612       | 10.02                         | 1.59    | 2.32                   | 0.43 | 2.83 | 51  |
| <b>B25</b> | <b>BUCKETS, CLAMSHELL</b>                            |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 BUCKETS, CLAMSHELL</b>           |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>ESCO CORPORATION</b>                              |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | B25ES001   | GPS-5R26  | 0.625 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$13,063       | 2.49                          | 0.79    | 1.11                   | 0.23 | 0.00 | 28  |
|            | B25ES002   | GPS-6R32  | 0.750 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$14,083       | 2.68                          | 0.84    | 1.20                   | 0.24 | 0.00 | 32  |
|            | B25ES003   | GPS-7R34  | 0.875 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$15,897       | 3.02                          | 0.95    | 1.35                   | 0.27 | 0.00 | 40  |
|            | B25ES004   | GPS-9R38  | 1.125 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$17,249       | 3.29                          | 1.03    | 1.47                   | 0.30 | 0.00 | 44  |
|            | B25ES005   | GPS-12R41 | 1.500 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$18,016       | 3.43                          | 1.08    | 1.53                   | 0.31 | 0.00 | 47  |
|            | B25ES006   | GPS-14R43 | 1.750 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$24,443       | 4.65                          | 1.46    | 2.08                   | 0.42 | 0.00 | 65  |
|            | B25ES007   | GPS-17R46 | 2.125 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$26,319       | 5.01                          | 1.57    | 2.24                   | 0.45 | 0.00 | 68  |
|            | B25ES008   | GPS-19R48 | 2.375 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$28,235       | 5.37                          | 1.69    | 2.40                   | 0.49 | 0.00 | 73  |
|            | B25ES009   | GPS-24R51 | 3.000 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$36,742       | 6.98                          | 2.19    | 3.12                   | 0.63 | 0.00 | 94  |
|            | B25ES010   | GPS-28R56 | 3.500 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$37,822       | 7.19                          | 2.25    | 3.21                   | 0.65 | 0.00 | 99  |
|            | B25ES011   | GPS-32R60 | 4.000 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$41,516       | 7.90                          | 2.48    | 3.53                   | 0.72 | 0.00 | 110 |
|            | B25ES012   | GPS-38R60 | 4.750 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$45,148       | 8.59                          | 2.70    | 3.84                   | 0.78 | 0.00 | 120 |
|            | B25ES013   | GPS-40R60 | 5.000 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$48,957       | 9.31                          | 2.92    | 4.16                   | 0.84 | 0.00 | 132 |
|            | B25ES014   | GPS-50R67 | 6.250 CY BUCKET, GEN PURPOSE/SQUARE NOSE        |                                |         | \$53,282       | 10.14                         | 3.19    | 4.53                   | 0.92 | 0.00 | 146 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                           |           |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|-------------------------------------|-----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                              | MODEL     | EQUIPMENT DESCRIPTION                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                                     |           |  |                                |         |                |                               |         |                        |      |      |     |
| <b>B25</b> | <i>ESCO CORPORATION (continued)</i> |           |  |                                |         |                |                               |         |                        |      |      |     |
|            | B25ES015                            | GPS-54R67 | 6.750 CY BUCKET, GEN PURPOSE/SQUARE NOSE |                                |         | \$57,475       | 10.94                         | 3.43    | 4.89                   | 0.99 | 0.00 | 158 |
|            | B25ES016                            | GPS-58R67 | 7.250 CY BUCKET, GEN PURPOSE/SQUARE NOSE |                                |         | \$59,606       | 11.35                         | 3.57    | 5.07                   | 1.03 | 0.00 | 166 |
|            | B25ES017                            | GPS-62R72 | 7.750 CY BUCKET, GEN PURPOSE/SQUARE NOSE |                                |         | \$63,823       | 12.14                         | 3.81    | 5.42                   | 1.10 | 0.00 | 177 |
|            | B25ES018                            | GPS-64R72 | 8.000 CY BUCKET, GEN PURPOSE/SQUARE NOSE |                                |         | \$66,046       | 12.56                         | 3.95    | 5.61                   | 1.14 | 0.00 | 185 |
|            | B25ES019                            | GPS-70R72 | 8.750 CY BUCKET, GEN PURPOSE/SQUARE NOSE |                                |         | \$69,447       | 13.21                         | 4.15    | 5.90                   | 1.20 | 0.00 | 192 |
|            | B25ES020                            | HDS-5R26  | 0.625 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$12,518       | 2.38                          | 0.75    | 1.06                   | 0.22 | 0.00 | 29  |
|            | B25ES021                            | HDS-6R32  | 0.750 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$13,390       | 2.55                          | 0.80    | 1.14                   | 0.23 | 0.00 | 33  |
|            | B25ES022                            | HDS-7R34  | 0.875 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$18,365       | 3.50                          | 1.10    | 1.56                   | 0.32 | 0.00 | 43  |
|            | B25ES023                            | HDS-9R38  | 1.125 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$18,607       | 3.54                          | 1.11    | 1.58                   | 0.32 | 0.00 | 49  |
|            | B25ES024                            | HDS-12R41 | 1.500 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$19,719       | 3.76                          | 1.18    | 1.68                   | 0.34 | 0.00 | 53  |
|            | B25ES025                            | HDS-14R43 | 1.750 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$26,944       | 5.12                          | 1.61    | 2.29                   | 0.46 | 0.00 | 74  |
|            | B25ES026                            | HDS-17R46 | 2.125 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$28,092       | 5.34                          | 1.68    | 2.39                   | 0.48 | 0.00 | 78  |
|            | B25ES027                            | HDS-19R48 | 2.375 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$29,091       | 5.53                          | 1.74    | 2.47                   | 0.50 | 0.00 | 82  |
|            | B25ES028                            | HDS-24R51 | 3.000 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$36,972       | 7.03                          | 2.21    | 3.14                   | 0.64 | 0.00 | 104 |
|            | B25ES029                            | HDS-28R56 | 3.500 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$40,453       | 7.70                          | 2.42    | 3.44                   | 0.70 | 0.00 | 115 |
|            | B25ES030                            | HDS-32R60 | 4.000 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$46,064       | 8.76                          | 2.75    | 3.92                   | 0.79 | 0.00 | 126 |
|            | B25ES031                            | HDS-38R60 | 4.750 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$49,545       | 9.42                          | 2.96    | 4.21                   | 0.85 | 0.00 | 137 |
|            | B25ES032                            | HDS-40R60 | 5.000 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$53,218       | 10.12                         | 3.18    | 4.52                   | 0.92 | 0.00 | 147 |
|            | B25ES033                            | HDS-50R67 | 6.250 CY BUCKET, HEAVY DUTY/SQUARE NOSE  |                                |         | \$58,297       | 11.10                         | 3.49    | 4.96                   | 1.01 | 0.00 | 163 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                           |           |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|-------------------------------------|-----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                              | MODEL     | EQUIPMENT DESCRIPTION                   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>B25</b> | <i>ESCO CORPORATION (continued)</i> |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | B25ES034                            | HDS-54R67 | 6.750 CY BUCKET, HEAVY DUTY/SQUARE NOSE |                                |         | \$61,478       | 11.70                         | 3.68    | 5.23                   | 1.06 | 0.00 | 172 |
|            | B25ES035                            | HDS-58R67 | 7.250 CY BUCKET, HEAVY DUTY/SQUARE NOSE |                                |         | \$64,507       | 12.27                         | 3.85    | 5.48                   | 1.11 | 0.00 | 182 |
|            | B25ES036                            | HDS-62R72 | 7.750 CY BUCKET, HEAVY DUTY/SQUARE NOSE |                                |         | \$67,916       | 12.92                         | 4.05    | 5.77                   | 1.17 | 0.00 | 193 |
|            | B25ES037                            | HDS-64R72 | 8.000 CY BUCKET, HEAVY DUTY/SQUARE NOSE |                                |         | \$70,778       | 13.47                         | 4.23    | 6.02                   | 1.22 | 0.00 | 201 |
|            | B25ES038                            | HDS-70R72 | 8.750 CY BUCKET, HEAVY DUTY/SQUARE NOSE |                                |         | \$73,589       | 14.01                         | 4.40    | 6.26                   | 1.27 | 0.00 | 209 |
|            | B25ES039                            | XDS-5R30  | 0.625 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$15,066       | 2.87                          | 0.90    | 1.28                   | 0.26 | 0.00 | 36  |
|            | B25ES040                            | XDS-7R34  | 0.875 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$20,800       | 3.96                          | 1.25    | 1.77                   | 0.36 | 0.00 | 52  |
|            | B25ES041                            | XDS-10R38 | 1.250 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$21,277       | 4.05                          | 1.27    | 1.81                   | 0.37 | 0.00 | 58  |
|            | B25ES042                            | XDS-12R41 | 1.500 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$23,331       | 4.43                          | 1.39    | 1.98                   | 0.40 | 0.00 | 63  |
|            | B25ES043                            | XDS-14R43 | 1.750 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$30,645       | 5.83                          | 1.83    | 2.60                   | 0.53 | 0.00 | 85  |
|            | B25ES044                            | XDS-17R46 | 2.125 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$33,172       | 6.31                          | 1.98    | 2.82                   | 0.57 | 0.00 | 92  |
|            | B25ES045                            | XDS-19R48 | 2.375 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$37,333       | 7.10                          | 2.23    | 3.17                   | 0.64 | 0.00 | 103 |
|            | B25ES046                            | XDS-24R51 | 3.000 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$42,989       | 8.17                          | 2.56    | 3.65                   | 0.74 | 0.00 | 121 |
|            | B25ES047                            | XDS-30R56 | 3.750 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$46,685       | 8.89                          | 2.79    | 3.97                   | 0.81 | 0.00 | 135 |
|            | B25ES048                            | XDS-32R60 | 4.000 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$51,439       | 9.79                          | 3.08    | 4.37                   | 0.89 | 0.00 | 149 |
|            | B25ES049                            | XDS-38R60 | 4.750 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$54,507       | 10.37                         | 3.25    | 4.63                   | 0.94 | 0.00 | 158 |
|            | B25ES050                            | XDS-40R60 | 5.000 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$56,693       | 10.79                         | 3.39    | 4.82                   | 0.98 | 0.00 | 168 |
|            | B25ES051                            | XDS-50R67 | 6.250 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$61,266       | 11.66                         | 3.67    | 5.21                   | 1.06 | 0.00 | 181 |
|            | B25ES052                            | XDS-54R67 | 6.750 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$64,902       | 12.35                         | 3.88    | 5.52                   | 1.12 | 0.00 | 193 |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                           |           |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|-------------------------------------|-----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                              | MODEL     | EQUIPMENT DESCRIPTION                   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|            |                                     |           |   |                                |         |                |                               |         |                        |      |      |     |
| <b>B25</b> | <b>ESCO CORPORATION (continued)</b> |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | B25ES053                            | XDS-58R67 | 7.250 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$68,233       | 12.98                         | 4.08    | 5.80                   | 1.18 | 0.00 | 203 |
|            | B25ES054                            | XDS-62R72 | 7.750 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$72,579       | 13.81                         | 4.34    | 6.17                   | 1.25 | 0.00 | 220 |
|            | B25ES055                            | XDS-64R72 | 8.000 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$75,144       | 14.30                         | 4.50    | 6.39                   | 1.30 | 0.00 | 223 |
|            | B25ES056                            | XDS-70R72 | 8.750 CY BUCKET, EXTRA-HVY DUTY/SQ NOSE |                                |         | \$78,499       | 14.93                         | 4.69    | 6.67                   | 1.35 | 0.00 | 241 |
|            | <b>GENSCO AMERICA COMPANY, LTD.</b> |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | B25GE001                            |           | 10 CY BUCKET, HEAVY DUTY                |                                |         | \$82,861       | 15.76                         | 4.95    | 7.04                   | 1.43 | 0.00 | 230 |
|            | B25GE002                            |           | 11 CY BUCKET, HEAVY DUTY                |                                |         | \$88,886       | 16.91                         | 5.31    | 7.56                   | 1.53 | 0.00 | 250 |
|            | B25GE003                            |           | 12 CY BUCKET, HEAVY DUTY                |                                |         | \$95,218       | 18.11                         | 5.68    | 8.09                   | 1.64 | 0.00 | 267 |
|            | B25GE004                            |           | 13 CY BUCKET, HEAVY DUTY                |                                |         | \$105,534      | 20.08                         | 6.31    | 8.97                   | 1.82 | 0.00 | 284 |
|            | B25GE005                            |           | 14 CY BUCKET, HEAVY DUTY                |                                |         | \$115,828      | 22.04                         | 6.92    | 9.85                   | 2.00 | 0.00 | 300 |
|            | B25GE006                            |           | 15 CY BUCKET, MEDIUM DUTY               |                                |         | \$125,778      | 23.93                         | 7.51    | 10.69                  | 2.17 | 0.00 | 320 |
|            | B25GE007                            |           | 16 CY BUCKET, MEDIUM DUTY               |                                |         | \$136,032      | 25.88                         | 8.13    | 11.56                  | 2.35 | 0.00 | 335 |
|            | B25GE008                            |           | 17 CY BUCKET, MEDIUM DUTY               |                                |         | \$146,130      | 27.80                         | 8.73    | 12.42                  | 2.52 | 0.00 | 342 |
|            | B25GE009                            |           | 18 CY BUCKET, MEDIUM DUTY               |                                |         | \$156,482      | 29.77                         | 9.35    | 13.30                  | 2.70 | 0.00 | 362 |
|            | B25GE010                            |           | 19 CY BUCKET, MEDIUM DUTY               |                                |         | \$166,794      | 31.74                         | 9.97    | 14.18                  | 2.88 | 0.00 | 380 |
|            | B25GE011                            |           | 20 CY BUCKET, MEDIUM DUTY               |                                |         | \$172,165      | 32.75                         | 10.29   | 14.63                  | 2.97 | 0.00 | 400 |
|            | <b>PRO-LINE</b>                     |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | B25PL001                            | PLCR-2    | 3 CY CLAMSHELL BUCKET, GEN PURPOSE      |                                |         | \$22,106       | 4.21                          | 1.32    | 1.88                   | 0.38 | 0.00 | 70  |
|            | B25PL002                            | PLCR-2    | 4 CY CLAMSHELL BUCKET, GEN PURPOSE      |                                |         | \$23,304       | 4.43                          | 1.39    | 1.98                   | 0.40 | 0.00 | 86  |
|            | B25PL003                            | PLCR-2    | 5 CY CLAMSHELL BUCKET, GEN PURPOSE      |                                |         | \$31,295       | 5.95                          | 1.87    | 2.66                   | 0.54 | 0.00 | 109 |
|            | B25PL004                            | PLCR-2    | 6 CY CLAMSHELL BUCKET, GEN PURPOSE      |                                |         | \$36,657       | 6.98                          | 2.19    | 3.12                   | 0.63 | 0.00 | 137 |
|            | B25PL005                            | PLCR-2    | 8 CY CLAMSHELL BUCKET, GEN PURPOSE      |                                |         | \$41,192       | 7.83                          | 2.46    | 3.50                   | 0.71 | 0.00 | 167 |
|            | B25PL006                            | PLSR-2    | 1.5 CY CLAMSHELL BKT, STD HEAVY DUTY    |                                |         | \$16,721       | 3.18                          | 1.00    | 1.42                   | 0.29 | 0.00 | 42  |
|            | B25PL007                            | PLSR-2    | 3 CY CLAMSHELL BKT, STD HEAVY DUTY      |                                |         | \$21,211       | 4.04                          | 1.27    | 1.80                   | 0.37 | 0.00 | 70  |
|            | B25PL008                            | PLSR-2    | 4 CY CLAMSHELL BKT, STD HEAVY DUTY      |                                |         | \$22,870       | 4.34                          | 1.36    | 1.94                   | 0.39 | 0.00 | 82  |
|            | B25PL009                            | PLSR      | 5 CY CLAMSHELL BKT, STD HEAVY DUTY      |                                |         | \$24,614       | 4.68                          | 1.46    | 2.09                   | 0.42 | 0.00 | 94  |
|            | B25PL010                            | PLSR      | 6 CY CLAMSHELL BKT, STD HEAVY DUTY      |                                |         | \$27,217       | 5.18                          | 1.63    | 2.31                   | 0.47 | 0.00 | 108 |
|            | B25PL011                            | PLSR      | 8 CY CLAMSHELL BKT, STD HEAVY DUTY      |                                |         | \$33,646       | 6.40                          | 2.01    | 2.86                   | 0.58 | 0.00 | 138 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |        |                                    | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|--|--------|------------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL  | EQUIPMENT DESCRIPTION              | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
| <b>B25</b> | <i>PRO-LINE (continued)</i>                          |        |                                    |                                |         |                |                               |         |                        |      |      |     |
|            | B25PL012   | PLHR   | 1.5 CY CLAMSHELL BKT, HEAVY DUTY   |                                |         | \$18,313       | 3.49                          | 1.10    | 1.56                   | 0.32 | 0.00 | 46  |
|            | B25PL013   | PLHR   | 3 CY CLAMSHELL BKT, HEAVY DUTY     |                                |         | \$22,335       | 4.26                          | 1.34    | 1.90                   | 0.39 | 0.00 | 76  |
|            | B25PL014   | PLHR   | 4 CY CLAMSHELL BKT, HEAVY DUTY     |                                |         | \$25,024       | 4.76                          | 1.49    | 2.13                   | 0.43 | 0.00 | 89  |
|            | B25PL015   | PLHR   | 5 CY CLAMSHELL BKT, HEAVY DUTY     |                                |         | \$26,135       | 4.97                          | 1.56    | 2.22                   | 0.45 | 0.00 | 103 |
|            | B25PL016   | PLHR   | 6 CY CLAMSHELL BKT, HEAVY DUTY     |                                |         | \$29,825       | 5.67                          | 1.78    | 2.54                   | 0.51 | 0.00 | 118 |
|            | B25PL017   | PLHR   | 8 CY CLAMSHELL BKT, HEAVY DUTY     |                                |         | \$36,408       | 6.92                          | 2.17    | 3.09                   | 0.63 | 0.00 | 149 |
| <b>B30</b> | <b>BUCKETS, CONCRETE</b>                             |        |                                    |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.10 GENERAL PURPOSE, MANUAL TRIP</b> |        |                                    |                                |         |                |                               |         |                        |      |      |     |
|            | <b>GAR-BRO MANUFACTURING COMPANY</b>                 |        |                                    |                                |         |                |                               |         |                        |      |      |     |
|            | B30GB001   | 433-G  | 1.000 CY, GENERAL PURPOSE          |                                |         | \$2,540        | 0.47                          | 0.15    | 0.20                   | 0.05 | 0.00 | 7   |
|            | B30GB002   | 442-G  | 1.500 CY, GENERAL PURPOSE          |                                |         | \$3,297        | 0.61                          | 0.19    | 0.26                   | 0.06 | 0.00 | 8   |
|            | B30GB003   | 462-G  | 2.000 CY, GENERAL PURPOSE          |                                |         | \$4,117        | 0.76                          | 0.24    | 0.33                   | 0.07 | 0.00 | 12  |
|            | B30GB004   | 493-G  | 3.000 CY, GENERAL PURPOSE          |                                |         | \$6,012        | 1.12                          | 0.35    | 0.48                   | 0.11 | 0.00 | 19  |
|            | B30GB005   | 4123-G | 4.000 CY, GENERAL PURPOSE          |                                |         | \$7,189        | 1.34                          | 0.42    | 0.58                   | 0.13 | 0.00 | 24  |
|            | <b>SUBCATEGORY 0.20 LAYDOWN</b>                      |        |                                    |                                |         |                |                               |         |                        |      |      |     |
|            | <b>GAR-BRO MANUFACTURING COMPANY</b>                 |        |                                    |                                |         |                |                               |         |                        |      |      |     |
|            | B30GB006   | 425-A  | 1.000 CY, HEAVY DUTY, AIR GATE     |                                |         | \$12,947       | 2.49                          | 0.75    | 1.04                   | 0.23 | 0.00 | 26  |
|            | B30GB007   | 465-A  | 2.000 CY, HEAVY DUTY, AIR GATE     |                                |         | \$14,000       | 2.69                          | 0.81    | 1.12                   | 0.25 | 0.00 | 32  |
|            | B30GB008   | 495-A  | 3.000 CY, HEAVY DUTY, AIR GATE     |                                |         | \$15,659       | 3.01                          | 0.91    | 1.25                   | 0.28 | 0.00 | 40  |
|            | B30GB009   | 4125-A | 4.000 CY, HEAVY DUTY, AIR GATE     |                                |         | \$17,921       | 3.44                          | 1.03    | 1.43                   | 0.32 | 0.00 | 51  |
|            | B30GB010   | 4155-A | 5.000 CY, HEAVY DUTY, AIR GATE     |                                |         | \$22,277       | 4.28                          | 1.29    | 1.78                   | 0.40 | 0.00 | 73  |
|            | <b>SUBCATEGORY 0.30 LOWBOY</b>                       |        |                                    |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CAMLEVER</b>                                      |        |                                    |                                |         |                |                               |         |                        |      |      |     |
|            | B30CR001   | LB-375 | 0.375 CY BUCKET, AIR OPERATED GATE |                                |         | \$3,605        | 0.71                          | 0.20    | 0.29                   | 0.06 | 0.00 | 2   |
|            | B30CR002   | LB-050 | 0.500 CY BUCKET, AIR OPERATED GATE |                                |         | \$3,864        | 0.77                          | 0.23    | 0.31                   | 0.07 | 0.00 | 2   |
|            | B30CR003   | LB-075 | 0.750 CY BUCKET, AIR OPERATED GATE |                                |         | \$4,179        | 0.82                          | 0.24    | 0.33                   | 0.07 | 0.00 | 3   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                  |         |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|---------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                                     | MODEL   | EQUIPMENT DESCRIPTION                   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |         |   |                                |         |                |                               |         |                        |      |      |     |
| <b>B30</b> | <b>CAMLEVER (continued)</b>                |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | B30CR004                                   | LB-100  | 1.000 CY BUCKET, AIR OPERATED GATE      |                                |         | \$4,337        | 0.87                          | 0.26    | 0.35                   | 0.08 | 0.00 | 5   |
|            | B30CR005                                   | LB-150  | 1.500 CY BUCKET, AIR OPERATED GATE      |                                |         | \$5,108        | 1.01                          | 0.29    | 0.41                   | 0.09 | 0.00 | 6   |
|            | B30CR009                                   | LXB-150 | 1.500 CY BUCKET, AIR OPERATED GATE      |                                |         | \$5,372        | 1.07                          | 0.32    | 0.43                   | 0.10 | 0.00 | 6   |
|            | B30CR006                                   | LB-200  | 2.000 CY BUCKET, AIR OPERATED GATE      |                                |         | \$6,015        | 1.20                          | 0.35    | 0.48                   | 0.11 | 0.00 | 8   |
|            | B30CR010                                   | LXB-200 | 2.000 CY BUCKET, AIR OPERATED GATE      |                                |         | \$6,257        | 1.24                          | 0.36    | 0.50                   | 0.11 | 0.00 | 6   |
|            | B30CR011                                   | LXB-300 | 3.000 CY BUCKET, AIR OPERATED GATE      |                                |         | \$7,407        | 1.47                          | 0.42    | 0.59                   | 0.13 | 0.00 | 6   |
|            | B30CR012                                   | LXB-400 | 4.000 CY BUCKET, AIR OPERATED GATE      |                                |         | \$8,546        | 1.69                          | 0.49    | 0.68                   | 0.15 | 0.00 | 6   |
|            | <b>SUBCATEGORY 0.40 LOW SLUMP</b>          |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>GAR-BRO MANUFACTURING COMPANY</b>       |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | B30GB011                                   | 440-A   | 1.000 CY, AIR GATE                      |                                |         | \$10,241       | 2.03                          | 0.59    | 0.82                   | 0.18 | 0.00 | 20  |
|            | B30GB012                                   | 450-A   | 1.500 CY, AIR GATE                      |                                |         | \$10,616       | 2.11                          | 0.61    | 0.85                   | 0.19 | 0.00 | 21  |
|            | B30GB013                                   | 460-A   | 2.000 CY, AIR GATE                      |                                |         | \$11,037       | 2.19                          | 0.64    | 0.88                   | 0.20 | 0.00 | 24  |
|            | B30GB014                                   | 493-A   | 3.000 CY, AIR GATE                      |                                |         | \$14,711       | 2.92                          | 0.85    | 1.18                   | 0.26 | 0.00 | 49  |
|            | B30GB015                                   | 4139-A  | 4.000 CY, AIR GATE                      |                                |         | \$15,259       | 3.03                          | 0.88    | 1.22                   | 0.27 | 0.00 | 52  |
|            | B30GB016                                   | 4200-A  | 6.000 CY, AIR GATE                      |                                |         | \$21,975       | 4.36                          | 1.27    | 1.76                   | 0.39 | 0.00 | 78  |
|            | B30GB017                                   | 4250-A  | 8.000 CY, AIR GATE                      |                                |         | \$26,389       | 5.23                          | 1.52    | 2.11                   | 0.47 | 0.00 | 90  |
| <b>B35</b> | <b>BUCKETS, DRAGLINE</b>                   |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.10 LIGHT WEIGHT</b>       |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>HENDRIX MANUFACTURING COMPANY, INC.</b> |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | B35HE001                                   | LS      | 0.75 CY BUCKET, LIGHT WEIGHT/PERFORATED |                                |         | \$4,773        | 1.12                          | 0.34    | 0.51                   | 0.08 | 0.00 | 15  |
|            | B35HE002                                   | LS      | 1.00 CY BUCKET, LIGHT WEIGHT/PERFORATED |                                |         | \$5,669        | 1.32                          | 0.40    | 0.60                   | 0.10 | 0.00 | 18  |
|            | B35HE003                                   | LS      | 1.50 CY BUCKET, LIGHT WEIGHT/PERFORATED |                                |         | \$7,516        | 1.76                          | 0.53    | 0.80                   | 0.13 | 0.00 | 26  |
|            | B35HE004                                   | LS      | 2.00 CY BUCKET, LIGHT WEIGHT/PERFORATED |                                |         | \$8,885        | 2.08                          | 0.63    | 0.94                   | 0.16 | 0.00 | 32  |
|            | B35HE005                                   | LS      | 2.50 CY BUCKET, LIGHT WEIGHT/PERFORATED |                                |         | \$10,434       | 2.44                          | 0.74    | 1.11                   | 0.18 | 0.00 | 37  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |           |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|-----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL     | EQUIPMENT DESCRIPTION                            | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>B35</b> | <b>HENDRIX MANUFACTURING COMPANY,<br/>INC. (continued)</b> |           |  |                                |         |                |                               |         |                        |      |      |     |
|            | B35HE006   | LS        | 3.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED       |                                |         | \$12,873       | 3.02                          | 0.92    | 1.37                   | 0.23 | 0.00 | 46  |
|            | B35HE007   | LS        | 3.50 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED       |                                |         | \$14,216       | 3.32                          | 1.00    | 1.51                   | 0.25 | 0.00 | 50  |
|            | B35HE008   | LS        | 4.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED       |                                |         | \$17,374       | 4.07                          | 1.24    | 1.85                   | 0.31 | 0.00 | 65  |
|            | B35HE009   | LS        | 4.50 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED       |                                |         | \$18,448       | 4.32                          | 1.31    | 1.96                   | 0.33 | 0.00 | 69  |
|            | B35HE010   | LS        | 5.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED       |                                |         | \$22,288       | 5.21                          | 1.58    | 2.37                   | 0.39 | 0.00 | 85  |
|            | B35HE011   | LS        | 6.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED       |                                |         | \$24,168       | 5.66                          | 1.71    | 2.57                   | 0.43 | 0.00 | 92  |
|            | B35HE012   | LS        | 7.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED       |                                |         | \$26,405       | 6.18                          | 1.88    | 2.81                   | 0.47 | 0.00 | 101 |
|            | B35HE013   | LS        | 8.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED       |                                |         | \$29,280       | 6.85                          | 2.08    | 3.11                   | 0.52 | 0.00 | 112 |
|            | B35HE014   | LS        | 9.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED       |                                |         | \$33,798       | 7.91                          | 2.40    | 3.59                   | 0.60 | 0.00 | 128 |
|            | B35HE015   | LS        | 10.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED      |                                |         | \$36,730       | 8.59                          | 2.60    | 3.90                   | 0.65 | 0.00 | 139 |
|            | B35HE016   | LS        | 12.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED      |                                |         | \$45,098       | 10.55                         | 3.20    | 4.79                   | 0.80 | 0.00 | 166 |
|            | B35HE017   | LS        | 14.00 CY BUCKET, LIGHT<br>WEIGHT/PERFORATED      |                                |         | \$51,848       | 12.13                         | 3.67    | 5.51                   | 0.92 | 0.00 | 191 |
|            | <b>SAUERMAN</b>  |           |  |                                |         |                |                               |         |                        |      |      |     |
|            | B35SA001   | SC-1050-K | 1.00 CY BUCKET, LIGHT WEIGHT, CRESENT<br>SCRAPER |                                |         | \$13,504       | 3.16                          | 0.95    | 1.43                   | 0.24 | 0.00 | 15  |
|            | B35SA002   | SC-1060-K | 1.50 CY BUCKET, LIGHT WEIGHT, CRESENT<br>SCRAPER |                                |         | \$16,357       | 3.83                          | 1.16    | 1.74                   | 0.29 | 0.00 | 20  |
|            | B35SA003   | SC-1070-K | 2.00 CY BUCKET, LIGHT WEIGHT, CRESENT<br>SCRAPER |                                |         | \$20,737       | 4.85                          | 1.47    | 2.20                   | 0.37 | 0.00 | 25  |
|            | B35SA004   | SC-1090-K | 3.00 CY BUCKET, LIGHT WEIGHT, CRESENT<br>SCRAPER |                                |         | \$27,968       | 6.54                          | 1.98    | 2.97                   | 0.49 | 0.00 | 36  |
|            | B35SA005   | SC-1100-K | 4.00 CY BUCKET, LIGHT WEIGHT, CRESENT<br>SCRAPER |                                |         | \$34,080       | 7.97                          | 2.41    | 3.62                   | 0.60 | 0.00 | 49  |
|            | B35SA006   | SC-1110-K | 5.00 CY BUCKET, LIGHT WEIGHT, CRESENT<br>SCRAPER |                                |         | \$40,102       | 9.38                          | 2.84    | 4.26                   | 0.71 | 0.00 | 58  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10                                  |                                      |  | ENGINE HORSEPOWER<br>FUEL TYPE |          | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|--|--|--------------------------------------|--|--------------------------------|----------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|  | ID.NO.                                     | MODEL                                | EQUIPMENT DESCRIPTION                          | MAIN                           | CARRIER  | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|  |  |                                      |  |                                |          |                |                               |         |                        |      |      |     |
| <b>B35</b>                                 | <i>SAUERMAN (continued)</i>                |                                      |  |                                |          |                |                               |         |                        |      |      |     |
|  | B35SA007                                   | SC-1120-K                            | 6.00 CY BUCKET, LIGHT WEIGHT, CRESENT SCRAPER  |                                |          | \$46,146       | 10.80                         | 3.27    | 4.90                   | 0.82 | 0.00 | 68  |
|  | B35SA008                                   | SC-1130-K                            | 8.00 CY BUCKET, LIGHT WEIGHT, CRESENT SCRAPER  |                                |          | \$50,475       | 11.80                         | 3.57    | 5.36                   | 0.89 | 0.00 | 88  |
|  | B35SA009                                   | SC-1140-K                            | 10.00 CY BUCKET, LIGHT WEIGHT, CRESENT SCRAPER |                                |          | \$69,115       | 16.16                         | 4.89    | 7.34                   | 1.22 | 0.00 | 106 |
|  | B35SA010                                   | SC-1150-K                            | 12.00 CY BUCKET, LIGHT WEIGHT, CRESENT SCRAPER |                                |          | \$85,704       | 20.05                         | 6.06    | 9.11                   | 1.51 | 0.00 | 132 |
|  | <b>SUBCATEGORY 0.20 MEDIUM WEIGHT</b>      |                                      |  |                                |          |                |                               |         |                        |      |      |     |
|  | <b>HENDRIX MANUFACTURING COMPANY, INC.</b> |                                      |  |                                |          |                |                               |         |                        |      |      |     |
|  | B35HE018                                   | TS                                   | 0.75 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$5,515        | 1.16                          | 0.36    | 0.52                   | 0.10 | 0.00 | 17  |
|  | B35HE019                                   | TS                                   | 1.00 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$6,285        | 1.31                          | 0.40    | 0.59                   | 0.11 | 0.00 | 19  |
|  | B35HE020                                   | TS                                   | 1.50 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$8,569        | 1.80                          | 0.56    | 0.81                   | 0.15 | 0.00 | 28  |
|  | B35HE021                                   | TS                                   | 2.00 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$10,242       | 2.15                          | 0.67    | 0.97                   | 0.18 | 0.00 | 36  |
|  | B35HE022                                   | TS                                   | 2.50 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$11,984       | 2.51                          | 0.77    | 1.13                   | 0.21 | 0.00 | 41  |
|  | B35HE023                                   | TS                                   | 3.00 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$14,108       | 2.96                          | 0.92    | 1.33                   | 0.25 | 0.00 | 49  |
|  | B35HE024                                   | TS                                   | 3.50 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$15,586       | 3.26                          | 1.00    | 1.47                   | 0.27 | 0.00 | 54  |
|  | B35HE025                                   | TS                                   | 4.00 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$18,767       | 3.93                          | 1.22    | 1.77                   | 0.33 | 0.00 | 70  |
|  | B35HE026                                   | TS                                   | 4.50 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$20,036       | 4.20                          | 1.29    | 1.89                   | 0.35 | 0.00 | 72  |
|  | B35HE027                                   | TS                                   | 5.00 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$25,693       | 5.39                          | 1.67    | 2.43                   | 0.45 | 0.00 | 93  |
|  | B35HE028                                   | TS                                   | 6.00 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$26,543       | 5.57                          | 1.71    | 2.51                   | 0.46 | 0.00 | 96  |
|  | B35HE029                                   | TS                                   | 7.00 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$30,318       | 6.35                          | 1.96    | 2.86                   | 0.53 | 0.00 | 111 |
|  | B35HE030                                   | TS                                   | 8.00 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$33,376       | 6.99                          | 2.15    | 3.15                   | 0.58 | 0.00 | 122 |
|  | B35HE031                                   | TS                                   | 9.00 CY BUCKET, MEDIUM WEIGHT                  |                                |          | \$39,988       | 8.39                          | 2.59    | 3.78                   | 0.70 | 0.00 | 149 |
|  | B35HE032                                   | TS                                   | 10.00 CY BUCKET, MEDIUM WEIGHT                 |                                |          | \$42,586       | 8.92                          | 2.75    | 4.02                   | 0.74 | 0.00 | 159 |
|  | B35HE033                                   | TS                                   | 12.00 CY BUCKET, MEDIUM WEIGHT                 |                                |          | \$54,926       | 11.52                         | 3.56    | 5.19                   | 0.96 | 0.00 | 202 |
|  | B35HE034                                   | TS                                   | 14.00 CY BUCKET, MEDIUM WEIGHT                 |                                |          | \$61,184       | 12.83                         | 3.96    | 5.78                   | 1.07 | 0.00 | 225 |
|  | <b>SUBCATEGORY 0.30 HEAVY WEIGHT</b>       |                                      |  |                                |          |                |                               |         |                        |      |      |     |
| <b>HENDRIX MANUFACTURING COMPANY, INC.</b> |  |                                      |  |                                |          |                |                               |         |                        |      |      |     |
| B35HE035                                   | MH-S                                       | 2.75 CY BUCKET, HEAVY DUTY, DREDGING |  |                                | \$20,676 | 3.94           | 1.24                          | 1.76    | 0.36                   | 0.00 | 69   |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |          |                                       | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|----------|---------------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL    | EQUIPMENT DESCRIPTION                 | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>B35</b> | <i>HENDRIX MANUFACTURING COMPANY,<br/>INC. (continued)</i>                   |          |                                       |                                |         |                |                               |         |                        |      |      |     |
|            | B35HE036   | MH-S     | 3.00 CY BUCKET, HEAVY DUTY, DREDGING  |                                |         | \$21,577       | 4.10                          | 1.29    | 1.83                   | 0.37 | 0.00 | 72  |
|            | B35HE037   | MH-S     | 3.50 CY BUCKET, HEAVY DUTY, DREDGING  |                                |         | \$24,270       | 4.62                          | 1.45    | 2.06                   | 0.42 | 0.00 | 81  |
|            | B35HE038   | MH-S     | 4.00 CY BUCKET, HEAVY DUTY, DREDGING  |                                |         | \$32,961       | 6.27                          | 1.97    | 2.80                   | 0.57 | 0.00 | 110 |
|            | B35HE039   | MH-S     | 4.50 CY BUCKET, HEAVY DUTY, DREDGING  |                                |         | \$36,856       | 7.01                          | 2.21    | 3.13                   | 0.64 | 0.00 | 123 |
|            | B35HE040   | MH-S     | 5.00 CY BUCKET, HEAVY DUTY, DREDGING  |                                |         | \$38,053       | 7.24                          | 2.27    | 3.23                   | 0.66 | 0.00 | 127 |
|            | B35HE041   | MH-S     | 6.00 CY BUCKET, HEAVY DUTY, DREDGING  |                                |         | \$40,751       | 7.75                          | 2.43    | 3.46                   | 0.70 | 0.00 | 136 |
|            | B35HE042   | MH-S     | 7.00 CY BUCKET, HEAVY DUTY, DREDGING  |                                |         | \$51,626       | 9.82                          | 3.09    | 4.39                   | 0.89 | 0.00 | 175 |
|            | B35HE043   | MH-S     | 8.00 CY BUCKET, HEAVY DUTY, DREDGING  |                                |         | \$53,099       | 10.10                         | 3.17    | 4.51                   | 0.92 | 0.00 | 180 |
|            | B35HE044   | MH-S     | 9.00 CY BUCKET, HEAVY DUTY, DREDGING  |                                |         | \$67,593       | 12.87                         | 4.04    | 5.75                   | 1.17 | 0.00 | 234 |
|            | B35HE045   | MH-S     | 10.00 CY BUCKET, HEAVY DUTY, DREDGING |                                |         | \$69,799       | 13.27                         | 4.17    | 5.93                   | 1.20 | 0.00 | 243 |
|            | B35HE046   | MH-S     | 12.00 CY BUCKET, HEAVY DUTY, DREDGING |                                |         | \$82,679       | 15.74                         | 4.95    | 7.03                   | 1.43 | 0.00 | 289 |
|            | B35HE047   | MH-S     | 14.00 CY BUCKET, HEAVY DUTY, DREDGING |                                |         | \$88,353       | 16.81                         | 5.28    | 7.51                   | 1.52 | 0.00 | 309 |
| <b>C05</b> | <b>CHAIN SAWS</b>  |          |                                       |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 CHAIN SAWS</b>   |          |                                       |                                |         |                |                               |         |                        |      |      |     |
|            | <b>OLYMPYK CHAIN SAWS</b>  |          |                                       |                                |         |                |                               |         |                        |      |      |     |
|            | C05OL001   | 941      | 16" - 18" BAR                         | 2 HP                           | G       | \$282          | 0.71                          | 0.04    | 0.06                   | 0.01 | 0.29 | 1   |
|            | C05OL002   | 962      | 16" - 24" BAR                         | 5 HP                           | G       | \$440          | 1.28                          | 0.06    | 0.09                   | 0.01 | 0.59 | 1   |
|            | C05OL003   | 970      | 16" - 36" BAR                         | 5 HP                           | G       | \$532          | 1.48                          | 0.07    | 0.11                   | 0.01 | 0.66 | 1   |
|            | C05OL004   | 980      | 16" - 42" BAR                         | 6 HP                           | G       | \$579          | 1.61                          | 0.07    | 0.12                   | 0.01 | 0.72 | 1   |
| <b>C10</b> | <b>COMPACTORS &amp; WALK-BEHIND ROLLERS</b>                                  |          |                                       |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.10 COMPACTORS, RAMMERS / TAMPERS &amp; VIBRATORY PLATES</b> |          |                                       |                                |         |                |                               |         |                        |      |      |     |
|            | <b>BOMAG DIVISION, COMPACTION AMERICA</b>                                    |          |                                       |                                |         |                |                               |         |                        |      |      |     |
|            | C10BO001   | BT 58    | VIBRATORY TAMPER, 9" X 13.8" RAMMER   | 3 HP                           | G       | \$2,895        | 1.91                          | 0.29    | 0.46                   | 0.06 | 0.38 | 1   |
|            | C10BO002   | BT 68    | VIBRATORY TAMPER, 11" X 15" RAMMER    | 3 HP                           | G       | \$3,148        | 2.03                          | 0.31    | 0.50                   | 0.06 | 0.38 | 2   |
|            | C10BO003   | BP 10/36 | VIBRATORY PLATE, 14.2" X 21.5" PLATE  | 4 HP                           | G       | \$2,014        | 1.63                          | 0.20    | 0.32                   | 0.04 | 0.50 | 2   |
|            | C10BO004   | BP 15/45 | VIBRATORY PLATE, 17.7" X 21.5" PLATE  | 4 HP                           | G       | \$2,274        | 1.75                          | 0.22    | 0.36                   | 0.04 | 0.50 | 2   |
|            | C10BO005   | BP 20/48 | VIBRATORY PLATE, 18.9" X 27.4" PLATE  | 6 HP                           | G       | \$3,193        | 2.54                          | 0.32    | 0.51                   | 0.06 | 0.76 | 4   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |            |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL      | EQUIPMENT DESCRIPTION                           | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |   |            |   |                                |         |                |                               |         |                        |      |      |     |
| <b>C10</b> | <b>BOMAG DIVISION, COMPACTION AMERICA<br/>(continued)</b> |            |   |                                |         |                |                               |         |                        |      |      |     |
|            | C10BO007  | BPR 35/38D | VIBRATORY REVERSIBLE PLATE, 22.8" X 31.1" PLATE | 5 HP                           | D-off   | \$7,844        | 4.07                          | 0.78    | 1.26                   | 0.15 | 0.19 | 4   |
|            | C10BO006  | BPR 30/38B | VIBRATORY REVERSIBLE PLATE, 22.8" X 31.1" PLATE | 6 HP                           | G       | \$5,922        | 3.87                          | 0.58    | 0.95                   | 0.11 | 0.76 | 4   |
|            | C10BO008  | BPR 55/52D | VIB REVERSIBLE PLATE, 32.3" x 35" PLATE         | 8 HP                           | D-off   | \$11,599       | 6.06                          | 1.16    | 1.86                   | 0.23 | 0.31 | 9   |
|            | <b>SAKAI AMERICA, INC.</b>                                |            |   |                                |         |                |                               |         |                        |      |      |     |
|            | C10SI001  | VT110      | VIBRATORY TAMPER, 13" X 8", 1210# IMPACT        | 3 HP                           | G       | \$2,869        | 1.90                          | 0.29    | 0.46                   | 0.06 | 0.38 | 1   |
|            | C10SI002  | VT201      | VIBRATORY TAMPER, 14" X 8", 1540# IMPACT        | 3 HP                           | G       | \$3,100        | 2.01                          | 0.31    | 0.50                   | 0.06 | 0.38 | 1   |
|            | C10SI003  | VT301      | VIBRATORY TAMPER, 14" X 11", 2150# IMPACT       | 3 HP                           | G       | \$3,120        | 2.02                          | 0.31    | 0.50                   | 0.06 | 0.38 | 1   |
|            | C10SI004  | VT401      | VIBRATORY TAMPER, 14" X 11", 2500# IMPACT       | 4 HP                           | G       | \$3,284        | 2.25                          | 0.33    | 0.53                   | 0.06 | 0.50 | 2   |
|            | C10SI005  | VT501      | VIBRATORY TAMPER, 14" X 12", 3000# IMPACT       | 4 HP                           | G       | \$3,344        | 2.28                          | 0.33    | 0.54                   | 0.06 | 0.50 | 2   |
|            | C10SI010  | PC50A      | VIBRATORY PLATE, 17" X 11" PLATE                | 2 HP                           | G       | \$2,044        | 1.33                          | 0.21    | 0.33                   | 0.04 | 0.25 | 1   |
|            | C10SI011  | PC100A     | VIBRATORY PLATE, 18" X 12" PLATE                | 2 HP                           | G       | \$2,094        | 1.35                          | 0.21    | 0.34                   | 0.04 | 0.25 | 1   |
|            | C10SI012  | PC200      | VIBRATORY PLATE, 19" X 13" PLATE                | 2 HP                           | G       | \$2,135        | 1.37                          | 0.21    | 0.34                   | 0.04 | 0.25 | 1   |
|            | C10SI013  | PC300      | VIBRATORY PLATE, 20" X 14" PLATE                | 3 HP                           | G       | \$2,265        | 1.60                          | 0.22    | 0.36                   | 0.04 | 0.38 | 1   |
|            | C10SI014  | PC400      | VIBRATORY PLATE, 22" X 15" PLATE                | 3 HP                           | G       | \$2,680        | 1.80                          | 0.27    | 0.43                   | 0.05 | 0.38 | 2   |
|            | C10SI015  | PC500      | VIBRATORY PLATE, 23" X 17" PLATE                | 5 HP                           | G       | \$2,901        | 2.23                          | 0.29    | 0.46                   | 0.06 | 0.63 | 2   |
|            | <b>WACKER CORPORATION</b>                                 |            |   |                                |         |                |                               |         |                        |      |      |     |
|            | C10WC001  | BS 45Y     | RAMMER, VIBRATORY, 10" X 13" SHOE               | 4 HP                           | G       | \$2,713        | 1.96                          | 0.27    | 0.43                   | 0.05 | 0.50 | 1   |
|            | C10WC014  | BS 60Y     | RAMMER, VIBRATORY, 11" X 13" SHOE               | 4 HP                           | G       | \$3,172        | 2.19                          | 0.32    | 0.51                   | 0.06 | 0.50 | 2   |
|            | C10WC003  | BS 65Y     | RAMMER, VIBRATORY, 11" X 13" SHOE               | 4 HP                           | G       | \$4,180        | 2.68                          | 0.42    | 0.67                   | 0.08 | 0.50 | 2   |
|            | C10WC008  | DPU 4045H  | VIBRATORY PLATE, 23.5" X 35.5" PLATE            | 6 HP                           | D-off   | \$12,716       | 6.49                          | 1.26    | 2.03                   | 0.25 | 0.23 | 7   |
|            | C10WC006  | BPS 2550 R | VIBRATORY PLATE, 19.5" X 25.5" PLATE            | 7 HP                           | G       | \$2,776        | 2.49                          | 0.27    | 0.44                   | 0.05 | 0.88 | 3   |
|            | C10WC007  | BPU 3345A  | VIBRATORY PLATE, 23.5" X 35.5" PLATE            | 7 HP                           | G       | \$9,417        | 5.73                          | 0.94    | 1.51                   | 0.18 | 0.88 | 7   |
|            | C10WC015  | DPU 7060   | VIBRATORY PLATE, 31.5" X 42" SHOE               | 14 HP                          | D-off   | \$21,924       | 11.39                         | 2.19    | 3.51                   | 0.43 | 0.54 | 3   |
|            | C10WC018  | VPG165A    | VIBRATORY PLATE, 18" X 24.5" PLATE              | 6 HP                           | D-off   | \$1,831        | 1.16                          | 0.19    | 0.29                   | 0.04 | 0.21 | 2   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10               |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|-----|-------------------------|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|     | ID.NO.                  | MODEL    | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|     | <b>SUBCATEGORY 0.20</b> |          | <b>ROLLERS, VIBRATORY</b>   |                                |         |                |                               |         |                        |      |      |     |
|     |                         |          | <b>BOMAG DIVISION, COMPACTION AMERICA</b>                             |                                |         |                |                               |         |                        |      |      |     |
|     | C10BO009                | BW 55E   | SINGLE DRUM, 22.0"X15.7", .17 TON, WALK-BEHIND                        | 4 HP                           | G       | \$5,269        | 3.21                          | 0.52    | 0.84                   | 0.10 | 0.50 | 4   |
|     | C10BO010                | BW 35    | DOUBLE DRUM, 15.4"X13.8", .5 TON, WALK-BEHIND, TRENCHER               | 4 HP                           | D-off   | \$12,489       | 6.28                          | 1.24    | 2.00                   | 0.24 | 0.15 | 11  |
|     | C10BO011                | BW 60S   | DOUBLE DRUM, 23.6"X18.9", .9 TON, WALK-BEHIND                         | 8 HP                           | D-off   | \$15,097       | 7.76                          | 1.50    | 2.42                   | 0.29 | 0.31 | 18  |
|     | C10BO013                | BW85T    | DOUBLE DRUM, 33.5"X19.1", 6.2 TON, WALK-BEHIND, TAMPING FOOT TRENCHER | 16 HP                          | D-off   | \$32,391       | 16.57                         | 3.22    | 5.18                   | 0.63 | 0.62 | 29  |
|     |                         |          | <b>SAKAI AMERICA, INC.</b>  |                                |         |                |                               |         |                        |      |      |     |
|     | C10SI006                | HV200    | DOUBLE DRUM, 22" X16", .6 TON, WALK-BEHIND                            | 5 HP                           | D-off   | \$11,717       | 5.95                          | 1.17    | 1.87                   | 0.23 | 0.19 | 12  |
|     | C10SI007                | HV300    | DOUBLE DRUM, 25"X14", .7 TON, WALK-BEHIND                             | 5 HP                           | D-off   | \$13,309       | 6.73                          | 1.33    | 2.13                   | 0.26 | 0.19 | 13  |
|     | C10SI008                | HV510    | DOUBLE DRUM, 26.5"X16", .8 TON, WALK-BEHIND                           | 6 HP                           | D-off   | \$13,962       | 7.09                          | 1.39    | 2.23                   | 0.27 | 0.23 | 17  |
|     | C10SI009                | HV700    | DOUBLE DRUM, 28.5"X20", 1.2 TON, WALK-BEHIND                          | 8 HP                           | D-off   | \$17,519       | 8.93                          | 1.74    | 2.80                   | 0.34 | 0.31 | 24  |
|     |                         |          | <b>WACKER CORPORATION</b>   |                                |         |                |                               |         |                        |      |      |     |
|     | C10WC010                | RSS 800A | SINGLE DRUM, 28.3" X 22", 2.3 TON, WALK-BEHIND                        | 11 HP                          | G       | \$10,638       | 7.00                          | 1.06    | 1.70                   | 0.21 | 1.39 | 11  |
|     | C10WC012                | W 74 A   | DOUBLE DRUM, 29.5" X 17.3, 2.7 TON, WALK-BEHIND                       | 8 HP                           | D-off   | \$17,237       | 8.80                          | 1.71    | 2.76                   | 0.33 | 0.31 | 19  |
|     | C10WC017                | RT560    | DOUBLE DRUM, 22" X 20", 4.2 TON, WALK-BEHIND, TRENCHER, TAMPING FOOT  | 20 HP                          | D-off   | \$35,701       | 18.38                         | 3.54    | 5.71                   | 0.69 | 0.77 | 31  |
|     | C10WC016                | RT820    | DOUBLE DRUM, 32" X 20", 4.3 TON, WALK-BEHIND, TRENCHER, TAMPING FOOT  | 20 HP                          | D-off   | \$36,222       | 18.64                         | 3.60    | 5.80                   | 0.70 | 0.77 | 33  |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT   | REGION 10  |                 |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|---|--|-----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|   | ID.NO.   | MODEL           | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>C15 CONCRETE CLEANERS / BLASTERS</b>         |  |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | <b>SUBCATEGORY 0.00 CONCRETE CLEANERS / BLASTERS</b> |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | <b>BLASTRAC DIVISION, WHEELABRATOR CORPORATION</b>   |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | C15BL001   | 1-8-EZ & SHOP V | 8" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECTOR (ADD 4KVA GEN)  |                                |         | \$6,643        | 2.80                          | 0.57    | 0.89                   | 0.13 | 0.00 | 2   |
|   | C15BL003   | 1-10D & 6-54 DC | 10" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 30 KVA GEN) |                                |         | \$27,245       | 10.87                         | 2.33    | 3.63                   | 0.51 | 0.00 | 16  |
|   | C15BL004   | 1-15D & 6-54-DC | 15" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 30 KVA GEN) |                                |         | \$33,871       | 13.41                         | 2.90    | 4.52                   | 0.64 | 0.00 | 17  |
|   | C15BL005   | 1-20D & 8-54-DC | 20" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 75 KVA GEN) |                                |         | \$47,371       | 18.31                         | 4.05    | 6.32                   | 0.89 | 0.00 | 30  |
| <b>C20 CONCRETE BUGGIES</b>                     |  |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | <b>SUBCATEGORY 0.00 CONCRETE BUGGIES</b>             |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | <b>AEROIL PRODUCTS</b>                               |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | C20AE001   | BUFFALO 800     | WALK-BEHIND W/DUMP HOPPER, 800# CAP                                    | 5 HP                           | G       | \$3,034        | 1.78                          | 0.30    | 0.49                   | 0.06 | 0.49 | 3   |
|   | <b>AMIDA INDUSTRIES, INC.</b>                        |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | C20AI006   | PB16R RIDE-ON   | 16 CF BUCKET, WALK & RIDE  | 13 HP                          | G       | \$8,543        | 4.79                          | 0.82    | 1.29                   | 0.17 | 1.27 | 10  |
|   | C20AI008   | PB10W           | 16 CF BUCKET, WALK BEHIND 28" WIDE                                     | 8 HP                           | G       | \$6,170        | 3.30                          | 0.60    | 0.96                   | 0.12 | 0.78 | 7   |
|   | C20AI009   | PB21R           | 21 CF BUCKET, RIDER 48" WIDE   | 16 HP                          | G       | \$12,296       | 6.58                          | 1.19    | 1.90                   | 0.24 | 1.57 | 12  |
| <b>C25 CONCRETE FINISHERS/SCREEDS/SPREADERS</b> |  |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | <b>SUBCATEGORY 0.10 FINISHERS/TROWELS</b>            |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | <b>ALLEN ENGINEERING CORPORATION</b>                 |                 |  |                                |         |                |                               |         |                        |      |      |     |
|   | C25AJ014   | PRO 750         | TROWEL, RIDING, 2 - 30" DIA ROTORS                                     | 20 HP                          | G       | \$7,330        | 5.57                          | 0.72    | 1.17                   | 0.14 | 1.96 | 7   |
|   | C25AJ015   | PRO 900         | TROWEL, RIDING, 2 - 36" DIA ROTORS                                     | 20 HP                          | G       | \$9,706        | 6.49                          | 0.97    | 1.55                   | 0.19 | 1.96 | 7   |
|   | C25AJ016   | PRO 1050        | TROWEL, RIDING, 2 - 42" DIA ROTORS                                     | 20 HP                          | G       | \$10,217       | 6.68                          | 1.01    | 1.63                   | 0.20 | 1.96 | 9   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10   |                                       |  | ENGINE HORSEPOWER<br>FUEL TYPE |           | VALUE<br>(TEV)<br>1996 (\$) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |  |
|--|---|---------------------------------------|--|--------------------------------|-----------|-----------------------------|-------------------------------|---------|------------------------|------|------|-----|--|
|  | ID.NO.  | MODEL                                 | EQUIPMENT DESCRIPTION                    | MAIN                           | CARRIER   |                             | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |  |
| C25  | <b>ALLEN ENGINEERING CORPORATION</b><br>(continued) |                                       |  |                                |           |                             |                               |         |                        |      |      |     |  |
|  | C25AJ017  | PRO 1200                              | TROWEL, RIDING, 2 - 42" DIA ROTORS       | 25 HP                          | G         | \$10,660                    | 7.56                          | 1.06    | 1.71                   | 0.21 | 2.45 | 8   |  |
|  | C25AJ018  | PRO 1200                              | TROWEL, RIDING, 2 - 46" DIA ROTORS       | 25 HP                          | G         | \$11,659                    | 7.95                          | 1.17    | 1.87                   | 0.23 | 2.45 | 11  |  |
|  | C25AJ019  | SUPER PRO 500                         | TROWEL, RIDING, 2 - 46" DIA ROTORS       | 28 HP                          | G         | \$16,340                    | 10.14                         | 1.63    | 2.61                   | 0.32 | 2.74 | 12  |  |
|  | C25AJ020  | HP 300                                | TROWEL, RIDING, 3 - 46" DIA ROTORS       | 25 HP                          | G         | \$22,364                    | 12.05                         | 2.22    | 3.58                   | 0.43 | 2.45 | 21  |  |
|  | <b>STOW MANUFACTURING, INC.</b>                     |                                       |  |                                |           |                             |                               |         |                        |      |      |     |  |
|  | C25ST001  | 36-H-904                              | ROTO-TROWEL - 36" DIA, 4-BLADED          | 9 HP                           | G         | \$2,038                     | 2.03                          | 0.21    | 0.33                   | 0.04 | 0.88 | 3   |  |
|  | C25ST002  | 46-H-904                              | ROTO-TROWEL - 46" DIA, 4-BLADED          | 9 HP                           | G         | \$2,214                     | 2.08                          | 0.22    | 0.35                   | 0.04 | 0.88 | 3   |  |
|  | C25ST003  | 30H554                                | ROTO-TROWEL - 30" DIA, 4-BLADED          | 6 HP                           | G         | \$1,990                     | 1.53                          | 0.20    | 0.32                   | 0.04 | 0.54 | 3   |  |
|  | <b>WACKER CORPORATION</b>                           |                                       |  |                                |           |                             |                               |         |                        |      |      |     |  |
|  | C25WC001  | CT36A                                 | POWER TROWEL, 36" DIA                    | 5 HP                           | G         | \$2,250                     | 1.55                          | 0.22    | 0.36                   | 0.04 | 0.49 | 2   |  |
|  | C25WC002  | CT48A                                 | POWER TROWEL, 48" DIA                    | 8 HP                           | G         | \$2,862                     | 2.21                          | 0.29    | 0.46                   | 0.06 | 0.78 | 3   |  |
|  | <b>SUBCATEGORY 0.20 VIBRATORY SCREED</b>            |                                       |  |                                |           |                             |                               |         |                        |      |      |     |  |
|  | <b>ALLEN ENGINEERING CORPORATION</b>                |                                       |  |                                |           |                             |                               |         |                        |      |      |     |  |
|  | C25AJ001  | 12 HD                                 | VIBRATORY CONCRETE SCREED, 20' WIDE,     | 8 HP                           | G         | \$6,637                     | 3.65                          | 0.66    | 1.06                   | 0.13 | 0.78 | 10  |  |
|  | C25AJ003  | 12HED                                 | VIBRATORY CONCRETE SCREED, 12.5'<br>WIDE | 9 HP                           | G         | \$5,656                     | 3.41                          | 0.56    | 0.90                   | 0.11 | 0.88 | 5   |  |
|  | C25AJ004  | 12HED                                 | VIBRATORY CONCRETE SCREED, 30' WIDE      | 9 HP                           | G         | \$8,283                     | 4.43                          | 0.83    | 1.33                   | 0.16 | 0.88 | 8   |  |
|  | C25AJ005  | 12HED                                 | VIBRATORY CONCRETE SCREED, 40' WIDE      | 11 HP                          | G         | \$9,792                     | 5.29                          | 0.98    | 1.57                   | 0.19 | 1.08 | 10  |  |
|  | C25AJ006  | 12HED                                 | VIBRATORY CONCRETE SCREED, 50' WIDE      | 11 HP                          | G         | \$11,730                    | 6.03                          | 1.17    | 1.88                   | 0.23 | 1.08 | 12  |  |
|  | C25AJ007  | 12HED                                 | VIBRATORY CONCRETE SCREED, 55' WIDE      | 11 HP                          | G         | \$12,485                    | 6.32                          | 1.24    | 2.00                   | 0.24 | 1.08 | 13  |  |
| <b>SUBCATEGORY 0.25 VIBRATORY LASER SCREED</b> |   |                                       |  |                                |           |                             |                               |         |                        |      |      |     |  |
| <b>ALLEN ENGINEERING CORPORATION</b>           |   |                                       |  |                                |           |                             |                               |         |                        |      |      |     |  |
| C25AJ002                                       | ACG   | VIBRATORY LASER SCREED, 65' WIDE      | 22 HP                                    | G                              | \$69,431  | 17.18                       | 4.38                          | 6.08    | 1.34                   | 2.00 | 18   |     |  |
| <b>SOMERO INDUSTRIES</b>                       |   |                                       |  |                                |           |                             |                               |         |                        |      |      |     |  |
| C25SV003                                       | S-100   | 8' WIDE X 12' BOOM, W/LASER RECEIVERS | 27 HP                                    | D-off                          | \$114,683 | 24.36                       | 7.20                          | 9.96    | 2.22                   | 0.73 | 72   |     |  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10                            |   |  | ENGINE HORSEPOWER<br>FUEL TYPE |          | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |  |
|--|--------------------------------------|---|--|--------------------------------|----------|----------------|-------------------------------|---------|------------------------|------|------|-----|--|
|  | ID.NO.                               | MODEL   | EQUIPMENT DESCRIPTION                  | MAIN                           | CARRIER  | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |  |
|  |                                      |   |  |                                |          |                |                               |         |                        |      |      |     |  |
| C25  | <b>SOMERO INDUSTRIES (continued)</b> |   |  |                                |          |                |                               |         |                        |      |      |     |  |
|  | C25SV002                             | S-160   | 8' WIDE X 20' BOOM, W/LASER RECEIVERS  | 57 HP                          | D-off    | \$172,837      | 37.41                         | 10.85   | 15.02                  | 3.34 | 1.58 | 123 |  |
|  | C25SV001                             | S-240   | 12' WIDE X 20' BOOM, W/LASER RECEIVERS | 57 HP                          | D-off    | \$211,943      | 45.35                         | 13.31   | 18.42                  | 4.10 | 1.58 | 172 |  |
|  | <b>SUBCATEGORY 0.30</b>              |   | <b>MATERIAL/TOPPING SPREADERS</b>      |                                |          |                |                               |         |                        |      |      |     |  |
|  | <b>ALLEN ENGINEERING CORPORATION</b> |   |  |                                |          |                |                               |         |                        |      |      |     |  |
|  | C25AJ008                             | SP23H   | MATERIAL SPREADER, 12.5' WIDE          | 6 HP                           | G        | \$9,779        | 2.76                          | 0.62    | 0.86                   | 0.19 | 0.50 | 11  |  |
|  | C25AJ009                             | SP23H   | MATERIAL SPREADER, 20' WIDE            | 6 HP                           | G        | \$10,464       | 2.89                          | 0.66    | 0.92                   | 0.20 | 0.50 | 12  |  |
|  | C25AJ010                             | SP23H   | MATERIAL SPREADER, 30' WIDE            | 6 HP                           | G        | \$11,420       | 3.09                          | 0.72    | 1.00                   | 0.22 | 0.50 | 13  |  |
|  | C25AJ011                             | SP23H   | MATERIAL SPREADER, 40' WIDE            | 6 HP                           | G        | \$12,377       | 3.28                          | 0.78    | 1.08                   | 0.24 | 0.50 | 14  |  |
|  | C25AJ012                             | SP23H   | MATERIAL SPREADER, 50' WIDE            | 6 HP                           | G        | \$13,282       | 3.47                          | 0.84    | 1.16                   | 0.26 | 0.50 | 15  |  |
|  | C25AJ013                             | SP23H   | MATERIAL SPREADER, 60' WIDE            | 6 HP                           | G        | \$14,210       | 3.64                          | 0.89    | 1.24                   | 0.27 | 0.50 | 17  |  |
|  | <b>SOMERO INDUSTRIES</b>             |   |  |                                |          |                |                               |         |                        |      |      |     |  |
|  | C25SV004                             | STS-130   | TOPPING SPREADER 6' WIDE X 22' BOOM    | 26 HP                          | D-off    | \$95,022       | 20.36                         | 5.94    | 8.20                   | 1.84 | 0.72 | 85  |  |
| <b>C35 CONCRETE GUNTERS / SHOTCRETTERS</b> |                                      |   |  |                                |          |                |                               |         |                        |      |      |     |  |
| <b>SUBCATEGORY 0.00</b>                    |                                      | <b>CONCRETE GUNTERS / SHOTCRETTERS</b>  |  |                                |          |                |                               |         |                        |      |      |     |  |
| <b>ALLENTOWN PUMP &amp; GUN</b>            |                                      |   |  |                                |          |                |                               |         |                        |      |      |     |  |
| C35AL002                                   | R-900                                | BATCH MIXER FOR PNEUMATIC GUN N-2 OR GRH-600; 8-10 TON/HR INCLUDES TRAILER, HOPPER, & FEEDER (ADD 600 CFM COMPRESSOR) | 26 HP                                  | D-off                          | \$26,959 | 9.28           | 2.06                          | 3.16    | 0.48                   | 0.85 | 47   |     |  |
| C35AL003                                   | GRH-600                              | ROTARY GUN 1-6 CY/HR INCL. 1.5" HOSE, (ADD COMPRESSOR)  | 600 CFM                                | A                              | \$16,232 | 5.07           | 1.24                          | 1.91    | 0.29                   | 0.00 | 11   |     |  |
| C35AL012                                   | GM-060                               | ROTARY GUN 4-12 CY/HR INCL. 2" HOSE, (ADD COMPRESSOR)   | 10 HP                                  | E                              | \$20,837 | 8.09           | 1.62                          | 2.50    | 0.37                   | 0.93 | 20   |     |  |
| C35AL005                                   | HPR-12-10                            | CONTINUOUS MIX GUNNING RIG 12 CY/HR USE W/GRH-600 GUN, INCLUDES HOPPER & FEEDER, INCLUDES TRAILER                     | 18 HP                                  | D-off                          | \$29,361 | 9.72           | 2.30                          | 3.54    | 0.53                   | 0.59 | 86   |     |  |
| C35AL007                                   | N-1                                  | PNEUMATIC GUN, 0-4 CY/HR INCL 1.25" HOSE, (ADD COMPRESSOR)  | 450 CFM                                | A                              | \$16,444 | 5.26           | 1.30                          | 2.00    | 0.30                   | 0.00 | 12   |     |  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                     |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL        | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>C35</b> | <b>ALLENTOWN PUMP &amp; GUN (continued)</b>   |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | C35AL008                                      | N-2          | PNEUMATIC GUN, 2-8 CY/HR INCL 1.5" HOSE,<br>(ADD COMPRESSOR)   | 600 CFM                        | A       | \$19,382       | 6.19                          | 1.52    | 2.35                   | 0.35 | 0.00 | 13  |
|            | C35AL009                                      | N-3          | PNEUMATIC GUN, 4-10 CY/HR INCL 2" HOSE,<br>(ADD COMPRESSOR)    | 900 CFM                        | A       | \$20,597       | 6.66                          | 1.62    | 2.50                   | 0.37 | 0.00 | 13  |
|            | C35AL013                                      | AG-15        | AUTOMATIC GUN, 3-15 CY/HR INCL. 1.5"<br>HOSE, (ADD COMPRESSOR) | 950 CFM                        | A       | \$9,959        | 3.38                          | 0.75    | 1.15                   | 0.18 | 0.00 | 15  |
|            | C35AL014                                      | POWER CRETER | POWERCRETE - SHOTCRETE & CONCRETE<br>PUMP 0-10 CY/HR, 1750 PSI | 26 HP                          | D-off   | \$33,139       | 11.23                         | 2.60    | 4.00                   | 0.60 | 0.85 | 30  |
|            | <b>ALIVA</b>                                  |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | C35AV001                                      | AL 305-1     | HYDRAULIC SPRAYING ARM, SMALL UNIT<br>(ADD TRUCK CHASIS)       | 10 HP                          | E       | \$66,315       | 23.62                         | 5.21    | 8.05                   | 1.19 | 0.93 | 33  |
|            | C35AV002                                      | AL 305-5     | HYDRAULIC SPRAYING ARM, LARGE UNIT<br>(ADD TRUCK CHASIS)       | 10 HP                          | E       | \$77,878       | 27.65                         | 6.13    | 9.46                   | 1.40 | 0.93 | 44  |
|            | C35AV006                                      | AL 285       | WET/DRY MIX SPRAYING MACHINE                                   | 20 HP                          | E       | \$61,754       | 23.70                         | 4.84    | 7.45                   | 1.11 | 1.86 | 33  |
|            | C35AV007                                      | AL 240.5     | DRY MIX SPRAYING MACHINE, 2.2 KW                               | 3 HP                           | E       | \$11,593       | 5.97                          | 0.91    | 1.41                   | 0.21 | 0.28 | 7   |
|            | C35AV008                                      | AL 246       | DRY MIX SPRAYING MACHINE, 2.2 KW                               | 3 HP                           | E       | \$17,255       | 7.69                          | 1.36    | 2.10                   | 0.31 | 0.28 | 9   |
|            | C35AV009                                      | AL 252       | DRY MIX SPRAYING MACHINE, 4.4 KW                               | 6 HP                           | E       | \$21,061       | 9.29                          | 1.66    | 2.56                   | 0.38 | 0.56 | 18  |
| <b>C40</b> | <b>CONCRETE MIXING UNITS</b>                  |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 CONCRETE MIXING UNITS</b> |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CEMEN TECH</b>                             |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | C40CC001                                      | SCD2-50H     | 2-4.5 CY CONCRETE DISPENSER, 15 CY/HR,<br>STATIONARY           | 10 HP                          | E       | \$21,229       | 9.59                          | 2.11    | 3.40                   | 0.41 | 0.87 | 23  |
|            | <b>MULTIQUIP, INC.</b>                        |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | C40MU001                                      | WM 700S-B8   | 6 CF PLASTER/MORTAR MIXER, STEEL<br>DRUM                       | 8 HP                           | G       | \$2,481        | 2.06                          | 0.25    | 0.40                   | 0.05 | 0.78 | 9   |
|            | C40MU002                                      | WM 120S-H    | 12 CF PLASTER/MORTAR MIXER, STEEL<br>DRUM                      | 13 HP                          | G       | \$5,246        | 3.80                          | 0.52    | 0.84                   | 0.10 | 1.27 | 11  |
|            | C40MU003                                      | WC 625-R8    | 6 CF CONCRETE MIXER, STEEL DRUM                                | 8 HP                           | G       | \$2,547        | 2.08                          | 0.26    | 0.41                   | 0.05 | 0.78 | 7   |
|            | C40MU004                                      | WC 925-B8    | 9 CF CONCRETE MIXER, STEEL DRUM                                | 8 HP                           | G       | \$2,960        | 2.24                          | 0.29    | 0.47                   | 0.06 | 0.78 | 8   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                             | REGION 10  |         |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       |     |
|---------------------------------|--|---------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|                                 | ID.NO.   | MODEL   | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  | CWT |
| <b>MAXON INDUSTRIES</b>         |  |         |  |                                |         |                |                               |         |                        |      |       |     |
|                                 | C40MX001   | 36703   | 2 CY WASTE MIXER, TRAILER MOUNTED (W/ HIGH PRESSURED WATER SYSTEM)       | 18 HP                          | D-off   | \$23,582       | 9.64                          | 2.27    | 3.61                   | 0.46 | 0.54  | 43  |
|                                 | C40MX003   | MCII    | 4.5 CY WASTE MIXER, TRAILER MOUNTED                                      | 52 HP                          | D-off   | \$42,138       | 18.17                         | 4.11    | 6.58                   | 0.82 | 1.57  | 114 |
|                                 | C40MX002   | 36704   | BARREL LOADER - 1000 LB LIFT CAPACITY (ATTACHMENT FOR 36703 WASTE MIXER) |                                |         | \$4,207        | 2.61                          | 0.42    | 0.67                   | 0.08 | 0.00  | 3   |
|                                 | C40MX007   |         | 9 CY AGITATOR (ADD 50,000 GVW TRUCK)                                     |                                |         | \$33,578       | 14.55                         | 3.34    | 5.37                   | 0.65 | 0.00  | 79  |
|                                 | C40MX006   |         | 12 CY AGITATOR (ADD 64,000 GVW TRUCK)                                    |                                |         | \$37,224       | 16.05                         | 3.70    | 5.96                   | 0.72 | 0.00  | 84  |
| <b>ROSS COMPANY</b>             |  |         |  |                                |         |                |                               |         |                        |      |       |     |
|                                 | C40RC001   |         | 4.5 CY CONCRETE MIXER, TILT DRUM TYPE                                    | 40 HP                          | E       | \$120,850      | 54.14                         | 12.02   | 19.34                  | 2.35 | 3.47  | 34  |
|                                 | C40RC002   |         | 6 CY CONCRETE MIXER, TILT DRUM TYPE                                      | 60 HP                          | E       | \$135,816      | 62.99                         | 13.51   | 21.73                  | 2.64 | 5.21  | 45  |
|                                 | C40RC003   |         | 8 CY CONCRETE MIXER, TILT DRUM TYPE                                      | 80 HP                          | E       | \$153,585      | 72.89                         | 15.27   | 24.57                  | 2.98 | 6.94  | 60  |
|                                 | C40RC004   |         | 10 CY CONCRETE MIXER, TILT DRUM TYPE                                     | 100 HP                         | E       | \$167,428      | 82.33                         | 16.65   | 26.79                  | 3.25 | 8.68  | 75  |
|                                 | C40RC005   |         | 12 CY CONCRETE MIXER, TILT DRUM TYPE                                     | 120 HP                         | E       | \$176,866      | 89.05                         | 17.58   | 28.30                  | 3.43 | 10.42 | 90  |
| <b>STOW MANUFACTURING, INC.</b> |  |         |  |                                |         |                |                               |         |                        |      |       |     |
|                                 | C40ST001   | CM4EB   | 4 CF CONCRETE MIXER, PORTABLE  | 1 HP                           | E       | \$1,865        | 1.07                          | 0.19    | 0.30                   | 0.04 | 0.09  | 5   |
|                                 | C40ST002   | CM4H    | 4 CF CONCRETE MIXER, PORTABLE  | 6 HP                           | G       | \$2,083        | 1.56                          | 0.21    | 0.33                   | 0.04 | 0.54  | 5   |
|                                 | C40ST003   | CM6EB   | 6 CF CONCRETE MIXER, PORTABLE  | 1 HP                           | E       | \$2,770        | 1.46                          | 0.27    | 0.44                   | 0.05 | 0.09  | 7   |
|                                 | C40ST004   | CM6H8   | 6 CF CONCRETE MIXER, PORTABLE  | 8 HP                           | G       | \$3,039        | 2.27                          | 0.30    | 0.49                   | 0.06 | 0.78  | 8   |
|                                 | C40ST005   | CM9EB   | 9 CF CONCRETE MIXER, PORTABLE  | 2 HP                           | E       | \$3,581        | 1.88                          | 0.35    | 0.57                   | 0.07 | 0.13  | 8   |
|                                 | C40ST006   | CM9H    | 9 CF CONCRETE MIXER, PORTABLE  | 8 HP                           | G       | \$3,685        | 2.51                          | 0.36    | 0.59                   | 0.07 | 0.78  | 8   |
| <b>C45</b>                      | <b>CONCRETE PAVING MACHINES</b>                  |         |  |                                |         |                |                               |         |                        |      |       |     |
|                                 | <b>SUBCATEGORY 0.00 CONCRETE PAVING MACHINES</b> |         |  |                                |         |                |                               |         |                        |      |       |     |
|                                 | <b>BID-WELL DIVISION, CMI CORPORATION</b>        |         |  |                                |         |                |                               |         |                        |      |       |     |
|                                 | C45CW001   | PST-500 | 20'-28' WIDE, PLACER-SPREADER-TRIMMER, CRAWLER                           | 250 HP                         | D-off   | \$474,590      | 119.72                        | 27.43   | 37.97                  | 8.45 | 8.19  | 824 |
|                                 | <b>GOMACO CORPORATION</b>                        |         |  |                                |         |                |                               |         |                        |      |       |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                              |               |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT   |
|------------|--|---------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-------|
|            | ID.NO.                                 | MODEL         | EQUIPMENT DESCRIPTION                                 | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |       |
| <b>C45</b> | <b>GOMACO CORPORATION (continued)</b>  |               |   |                                |         |                |                               |         |                        |      |       |       |
|            | C45G0010                               | COMMANDER II  | CURB/GUTTER SLIPFORM PAVER, 2-TRACK                   | 92 HP                          | D-off   | \$110,926      | 29.47                         | 6.41    | 8.87                   | 1.98 | 3.01  | 200   |
|            | C45G0011                               | COMMANDER III | CURB/GUTTER SLIPFORM PAVER, 3-TRACK                   | 169 HP                         | D-off   | \$139,225      | 39.39                         | 8.05    | 11.14                  | 2.48 | 5.54  | 300   |
|            | C45G0012                               | COMMANDER III | CURB/GUTTER SLIPFORM PAVER, 4-TRACK                   | 169 HP                         | D-off   | \$248,088      | 64.30                         | 14.35   | 19.85                  | 4.42 | 5.54  | 369   |
|            | C45G0013                               | GT-3200       | CURB/GUTTER SLIPFORM PAVER, 36" WIDE                  | 70 HP                          | D-off   | \$98,214       | 25.59                         | 5.68    | 7.86                   | 1.75 | 2.29  | 120   |
|            | C45G0004                               | GP-2000       | PAVER, TWO TRACK, @ 16' WIDE 0-38 FT/MIN, CRAWLER MTD | 185 HP                         | D-off   | \$228,411      | 60.50                         | 13.21   | 18.27                  | 4.07 | 6.06  | 340   |
|            | C45G0014                               | GT-3600       | CURB/GUTTER SLIPFORM PAVER, 3-TRACK                   | 92 HP                          | D-off   | \$132,074      | 34.31                         | 7.63    | 10.57                  | 2.35 | 3.01  | 210   |
|            | C45G0015                               | GP-2600       | PAVER, 2-TRACK, 28' WIDE                              | 230 HP                         | D-off   | \$238,761      | 64.86                         | 13.80   | 19.10                  | 4.25 | 7.53  | 650   |
|            | C45G0016                               | GP-2600       | PAVER, 4-TRACK, 28' WIDE                              | 230 HP                         | D-off   | \$313,282      | 81.91                         | 18.11   | 25.06                  | 5.58 | 7.53  | 750   |
|            | C45G0017                               | GPH-2800      | PAVER, 2-TRACK, 28' WIDE                              | 250 HP                         | D-off   | \$376,092      | 97.19                         | 21.75   | 30.09                  | 6.70 | 8.19  | 700   |
|            | C45G0018                               | GPH-2800      | PAVER, 4-TRACK, 28' WIDE                              | 250 HP                         | D-off   | \$446,064      | 113.19                        | 25.79   | 35.69                  | 7.94 | 8.19  | 800   |
|            | C45G0019                               | GP-4000       | PAVER, 2-TRACK, 28' WIDE                              | 325 HP                         | D-off   | \$411,017      | 108.51                        | 23.76   | 32.88                  | 7.32 | 10.65 | 880   |
|            | C45G0020                               | G-4000        | PAVER, 4-TRACK, 28' WIDE                              | 325 HP                         | D-off   | \$488,485      | 126.24                        | 28.24   | 39.08                  | 8.70 | 10.65 | 1,150 |
|            | C45G0024                               | C450-X        | CYLINDER FINISHER, DOUBLE DRUM, 60' WIDE              | 32 HP                          | G       | \$46,608       | 15.41                         | 2.69    | 3.73                   | 0.83 | 3.36  | 50    |
|            | C45G0025                               | C-700         | CYLINDER FINISHER, DOUBLE DRUM, 60' WIDE              | 48 HP                          | G       | \$60,366       | 20.93                         | 3.50    | 4.83                   | 1.08 | 5.04  | 55    |
|            | C45G0030                               | 9000          | TRIMMER/PLACER W/12' TRIMMER HEAD                     | 325 HP                         | D-off   | \$245,020      | 70.53                         | 14.16   | 19.60                  | 4.36 | 10.65 | 462   |
|            | C45G0031                               | 9500          | TRIMMER/PLACER W/16' TRIMMER HEAD                     | 325 HP                         | D-off   | \$311,870      | 85.82                         | 18.02   | 24.95                  | 5.55 | 10.65 | 669   |
|            | <b>MILLER SPREADER COMPANY</b>         |               |   |                                |         |                |                               |         |                        |      |       |       |
|            | C45MJ001                               | MC 650        | CURB BUILDER, 3.7 CF HOPPER, 6" AUGER                 | 14 HP                          | G       | \$6,905        | 3.64                          | 0.40    | 0.55                   | 0.12 | 1.47  | 8     |
| <b>C55</b> | <b>CONCRETE PUMPS</b>                  |               |   |                                |         |                |                               |         |                        |      |       |       |
|            | <b>SUBCATEGORY 0.00 CONCRETE PUMPS</b> |               |   |                                |         |                |                               |         |                        |      |       |       |
|            | <b>MORGEN MANUFACTURING COMPANY</b>    |               |   |                                |         |                |                               |         |                        |      |       |       |
|            | C55M0001                               | 210-295       | 25 CY/HOUR, TRAILER MOUNTED                           | 30 HP                          | G       | \$25,087       | 11.27                         | 1.76    | 2.65                   | 0.44 | 2.94  | 29    |
|            | C55M0002                               | 213-184       | 40 CY/HOUR, TRAILER MOUNTED                           | 73 HP                          | D-off   | \$47,902       | 16.60                         | 3.39    | 5.07                   | 0.85 | 2.21  | 43    |
|            | C55M0003                               | 213-185       | 50 CY/HOUR, TRAILER MOUNTED                           | 110 HP                         | D-off   | \$53,693       | 19.78                         | 3.79    | 5.69                   | 0.95 | 3.33  | 66    |
|            | C55M0004                               | 213-658       | 65 CY/HOUR, TRAILER MOUNTED                           | 110 HP                         | D-off   | \$64,819       | 22.94                         | 4.59    | 6.87                   | 1.15 | 3.33  | 68    |
|            | C55M0007                               | 212-841       | 65 CY/HR, 72' VERTICAL BOOM (ADD 23,100 GVW TRUCK)    | 210 HP                         | D-off   | \$183,820      | 63.89                         | 12.95   | 19.40                  | 3.25 | 8.62  | 300   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |                 |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |           | ADJUSTABLE<br>ELEMENTS |       |       | CWT  |       |     |
|------------|--|-----------------|---|--------------------------------|---------|----------------|-------------------------------|-----------|------------------------|-------|-------|------|-------|-----|
|            | ID.NO.   | MODEL           | EQUIPMENT DESCRIPTION                                 | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY   | DEPR                   | FCCM  | FUEL  |      |       |     |
|            |  |                 |   |                                |         |                |                               |           |                        |       |       |      |       |     |
| <b>C55</b> | <b>MORGEN MANUFACTURING COMPANY<br/>(continued)</b>                |                 |   |                                |         |                |                               |           |                        |       |       |      |       |     |
|            | C55M0014   | 217-755         | 115 CY/HR, 100' VERTICAL BOOM (ADD 41,300 GVW TRUCK)  | 270 HP                         | D-off   | 270 HP         | D-on                          | \$257,004 | 87.15                  | 18.09 | 27.09 | 4.54 | 10.43 | 360 |
|            | C55M0011   | 212-837         | 115 CY/HR, 105' VERTICAL BOOM (ADD 41,300 GVW TRUCK)  | 270 HP                         | D-off   | 270 HP         | D-on                          | \$298,474 | 98.93                  | 21.02 | 31.49 | 5.28 | 10.43 | 350 |
|            | C55M0013   | 217-760         | 140 CY/HR, 100' VERTICAL BOOM (ADD 41,300 GVW TRUCK)  | 270 HP                         | D-off   | 270 HP         | D-on                          | \$262,956 | 88.84                  | 18.51 | 27.72 | 4.65 | 10.43 | 360 |
|            | C55M0012   | 212-835         | 140 CY/HR, 105' VERTICAL BOOM (ADD 41,300 GVW TRUCK)  | 270 HP                         | D-off   | 270 HP         | D-on                          | \$304,621 | 100.67                 | 21.45 | 32.15 | 5.38 | 10.43 | 360 |
|            | C55M0015   | 216-420         | 140 CY/HR, 120' VERTICAL BOOM (ADD 41,300 GVW TRUCK)  | 270 HP                         | D-off   | 270 HP         | D-on                          | \$383,706 | 123.12                 | 27.06 | 40.55 | 6.78 | 10.43 | 360 |
|            | C55M0016   | 214-380         | 93 CY/HR, TRAILER MOUNTED                             | 177 HP                         | D-off   |                |                               | \$91,662  | 33.24                  | 6.44  | 9.64  | 1.62 | 5.35  | 117 |
|            | C55M0017   | 214-570         | 122 CY/HR, TRAILER MOUNTED                            | 177 HP                         | D-off   |                |                               | \$97,514  | 34.90                  | 6.85  | 10.26 | 1.72 | 5.35  | 119 |
|            | <b>SCHWING AMERICA, INC.</b>                                       |                 |   |                                |         |                |                               |           |                        |       |       |      |       |     |
|            | C55SC001   | WP750 D-18X     | 69 CY/HR, 859 PSI, TRAILER MTD,                       | 68 HP                          | D-off   |                |                               | \$59,346  | 19.65                  | 4.20  | 6.29  | 1.05 | 2.06  | 57  |
|            | C55SC002   | BPA 2000HDD-20  | 117 CY/HR, 1,565 PSI, TRAILER MTD,                    | 177 HP                         | D-off   |                |                               | \$135,845 | 45.78                  | 9.56  | 14.33 | 2.40 | 5.35  | 115 |
|            | C55SC005   | BPL 900/KVM 23  | 75' BOOM, 117 CY/HR, 1,565 PSI, TRUCK MTD, ADD TRUCK  | 210 HP                         | D-on    |                |                               | \$203,581 | 72.18                  | 14.29 | 21.38 | 3.60 | 10.58 | 359 |
|            | C55SC006   | BPL 900/KVM 28  | 92' BOOM, 117 CY/HR, 1,565 PSI, TRUCK MTD, ADD TRUCK  | 210 HP                         | D-on    |                |                               | \$258,414 | 87.74                  | 18.16 | 27.19 | 4.57 | 10.58 | 470 |
|            | C55SC007   | BPL 1200/KVM 32 | 105' BOOM, 171 CY/HR, 1,285 PSI, TRUCK MTD, ADD TRUCK | 230 HP                         | D-on    |                |                               | \$345,645 | 113.87                 | 24.25 | 36.28 | 6.11 | 11.59 | 480 |
|            | C55SC008   | BPL 1200/KVM 36 | 118' BOOM, 171 CY/HR, 1,285 PSI, TRUCK MTD, ADD TRUCK | 230 HP                         | D-on    |                |                               | \$421,136 | 135.31                 | 29.55 | 44.21 | 7.44 | 11.59 | 620 |
|            | C55SC009   | BPL 1200/KVM 42 | 138' BOOM, 196 CY/HR, 1,184 PSI, TRUCK MTD, ADD TRUCK | 350 HP                         | D-on    |                |                               | \$537,907 | 176.70                 | 37.82 | 56.62 | 9.51 | 17.64 | 730 |
| <b>C60</b> | <b>CONCRETE SAWS (sawblade wear not included)</b>                  |                 |   |                                |         |                |                               |           |                        |       |       |      |       |     |
|            | <b>SUBCATEGORY 0.00 CONCRETE SAWS (sawblade wear not included)</b> |                 |   |                                |         |                |                               |           |                        |       |       |      |       |     |
|            | <b>CUSHION CUT</b>   |                 |   |                                |         |                |                               |           |                        |       |       |      |       |     |
|            | C60CQ006   | 1613 SP         | 4.875" DEPTH/CUT, 14" BLADE WIDTH, S/P, W/RECOIL      | 13 HP                          | G       |                |                               | \$3,060   | 3.43                   | 0.27  | 0.41  | 0.06 | 1.64  | 3   |
|            | C60CQ008   | RS16            | 1" DEPTH/CUT, 8" BLADE WIDTH, MANUAL                  | 16 HP                          | G       |                |                               | \$3,679   | 4.19                   | 0.32  | 0.49  | 0.07 | 2.02  | 2   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                   |            |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|---|------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                                      | MODEL      | EQUIPMENT DESCRIPTION                                   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |   |            |   |                                |         |                |                               |         |                        |      |       |     |
| <b>C60</b> | <b>CUSHION CUT (continued)</b>              |            |   |                                |         |                |                               |         |                        |      |       |     |
|            | C60CQ005                                    | 815WR      | 4.875" DEPTH/CUT, 14" BLADE GRD, WALK BEHIND            | 11 HP                          | G       | \$1,911        | 2.66                          | 0.17    | 0.25                   | 0.04 | 1.39  | 2   |
|            | C60CQ004                                    | 9516E3     | 5.625" DEPTH/CUT, 16" BLADE GRD                         | 5 HP                           | E       | \$2,656        | 1.85                          | 0.22    | 0.35                   | 0.05 | 0.56  | 2   |
|            | C60CQ002                                    | 9816H      | 5.625" DEPTH/CUT, 16" BLADE GRD                         | 8 HP                           | G       | \$2,112        | 2.19                          | 0.18    | 0.28                   | 0.04 | 1.01  | 2   |
|            | C60CQ003                                    | 9136H      | 5.625" DEPTH/CUT, 16" BLADE GRD                         | 13 HP                          | G       | \$2,439        | 3.21                          | 0.22    | 0.33                   | 0.05 | 1.64  | 2   |
|            | C60CQ001                                    | 3535WC     | 7.75" DEPTH/CUT, 20" BLADE GRD, S/P (ADD BLADE)         | 35 HP                          | G       | \$9,286        | 9.62                          | 0.80    | 1.24                   | 0.18 | 4.41  | 10  |
|            | C60CQ009                                    | 3520EC     | 7.75" DEPTH/CUT, 20" BLADE WIDTH, S/P                   | 20 HP                          | E       | \$9,469        | 6.98                          | 0.81    | 1.26                   | 0.18 | 2.23  | 10  |
|            | C60CQ007                                    | 1675 SP    | 7.875" DEPTH/CUT, 20" BLADE WIDTH, S/P                  | 8 HP                           | E       | \$4,499        | 3.04                          | 0.38    | 0.60                   | 0.08 | 0.89  | 3   |
|            | C60CQ010                                    | 3528DT     | 12.125" DEPTH/CUT, 30" BLADE WIDTH, S/P, W/TRANSAXLE    | 28 HP                          | D-off   | \$14,215       | 21.29                         | 1.22    | 1.90                   | 0.27 | 10.82 | 10  |
|            | C60CQ011                                    | 6500RW14A1 | 4.625" DEPTH/CUT, 14" BLADE GRD, 8 BELT                 | 65 HP                          | G       | \$12,092       | 15.97                         | 1.04    | 1.61                   | 0.23 | 8.19  | 13  |
|            | C60CQ012                                    | 6500RW26V1 | 10.625" DEPTH/CUT, 26" BLADE GRD, 10 BELT               | 65 HP                          | G       | \$12,206       | 16.01                         | 1.04    | 1.63                   | 0.23 | 8.19  | 13  |
|            | C60CQ013                                    | 6500RW36L1 | 14.825" DEPTH/CUT, 36" BLADE GRD, 10 BELT               | 65 HP                          | G       | \$12,848       | 16.24                         | 1.10    | 1.71                   | 0.24 | 8.19  | 13  |
|            | C60CQ014                                    | 6530RWE    | 10.625" DEPTH/CUT, 26" BLADE GRD                        | 30 HP                          | E       | \$12,035       | 9.68                          | 1.03    | 1.60                   | 0.23 | 3.35  | 13  |
|            | C60CQ015                                    | 6572RWTD26 | 10.625" DEPTH/CUT, 26" BLADE GRD                        | 72 HP                          | D-off   | \$20,758       | 48.97                         | 1.77    | 2.77                   | 0.39 | 27.82 | 20  |
|            | C60CQ016                                    | 6572RWTD36 | 14.875" DEPTH/CUT, 36" BLADE GRD                        | 72 HP                          | D-off   | \$20,886       | 49.01                         | 1.78    | 2.78                   | 0.39 | 27.82 | 20  |
|            | C60CQ017                                    | 6572RWTD54 | 22.875" DEPTH/CUT, 54" BLADE GRD                        | 72 HP                          | D-off   | \$24,939       | 50.50                         | 2.13    | 3.33                   | 0.47 | 27.82 | 20  |
|            | <b>FELKER</b>                               |            |   |                                |         |                |                               |         |                        |      |       |     |
|            | C60FE001                                    | S80/12Z    | 4" DEPTH OF CUT, 12" BLADE, HANDHELD                    | 1 HP                           | G       | \$990          | 0.54                          | 0.09    | 0.13                   | 0.02 | 0.13  | 1   |
|            | C60FE002                                    | S80/14Z    | 5" DEPTH OF CUT, 14" BLADE, HANDHELD                    | 2 HP                           | G       | \$1,045        | 0.73                          | 0.09    | 0.14                   | 0.02 | 0.25  | 1   |
|            | C60FE006                                    | CCS 8KM    | 4.625" DEPTH/CUT, 14" BLADE, WALK-BEHIND                | 8 HP                           | G       | \$2,029        | 2.16                          | 0.18    | 0.27                   | 0.04 | 1.01  | 3   |
|            | C60FE007                                    | CCS 13H    | 4.625" DEPTH/CUT, 14" BLADE, WALK-BEHIND                | 13 HP                          | G       | \$2,483        | 3.22                          | 0.22    | 0.33                   | 0.05 | 1.64  | 2   |
|            | C60FE009                                    | MRCII20H   | 7.5" DEPTH/CUT, 20" BLADE                               | 20 HP                          | G       | \$7,549        | 6.31                          | 0.65    | 1.01                   | 0.14 | 2.52  | 6   |
|            | <b>CUSHION CUT DIVISION, BOART LONGYEAR</b> |            |   |                                |         |                |                               |         |                        |      |       |     |
|            | C60LY001                                    | 360-10HM   | WALL SAW SYSTEM, 1700 PSI (INCLUDES POWER PACK & BLADE) | 10 HP                          | G       | \$19,491       | 8.91                          | 1.67    | 2.60                   | 0.37 | 1.26  | 2   |
|            | C60LY002                                    | 360-35HM   | WALL SAW SYSTEM, 2500 PSI (INCLUDES POWER PACK & BLADE) | 35 HP                          | G       | \$28,517       | 16.64                         | 2.44    | 3.80                   | 0.54 | 4.41  | 2   |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |                  |                                       | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|---|------------------|---------------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.  | MODEL            | EQUIPMENT DESCRIPTION                 | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |   |                  |                                       |                                |         |                |                               |         |                        |      |       |     |
| <b>C60</b> | <b>CUSHION CUT DIVISION, BOART<br/>LONGYEAR (continued)</b> |                  |                                       |                                |         |                |                               |         |                        |      |       |     |
|            | C60LY003  | 800WR            | 5" DEPTH OF CUT, WALK-BEHIND          | 8 HP                           | G       | \$1,393        | 1.94                          | 0.13    | 0.19                   | 0.03 | 1.01  | 2   |
|            | C60LY004  | 815WR            | 5" DEPTH OF CUT, WALK-BEHIND          | 11 HP                          | G       | \$1,911        | 2.66                          | 0.17    | 0.25                   | 0.04 | 1.39  | 2   |
|            | C60LY005  | 815WR            | 7" DEPTH OF CUT, WALK-BEHIND          | 11 HP                          | G       | \$1,911        | 2.66                          | 0.17    | 0.25                   | 0.04 | 1.39  | 2   |
|            | C60LY008  | 3535W            | 4.875" DEPTH OF CUT, WALK-BEHIND      | 35 HP                          | G       | \$8,971        | 9.50                          | 0.77    | 1.20                   | 0.17 | 4.41  | 9   |
|            | C60LY009  | 6530-48          | 21" DEPTH OF CUT, WALK-BEHIND         | 65 HP                          | G       | \$18,117       | 18.17                         | 1.55    | 2.42                   | 0.34 | 8.19  | 13  |
|            | C60LY010  | 6500RW-26B       | 10.625" DEPTH OF CUT, WALK-BEHIND     | 65 HP                          | G       | \$12,679       | 16.18                         | 1.09    | 1.69                   | 0.24 | 8.19  | 9   |
|            | C60LY011  | WSF-36           | HEAVY DUTY WIRE SAW SYSTEM            | 52 HP                          | D-off   | \$48,925       | 47.76                         | 4.18    | 6.52                   | 0.92 | 20.09 | 15  |
| <b>C65</b> | <b>CONCRETE VIBRATORS</b>                                   |                  |                                       |                                |         |                |                               |         |                        |      |       |     |
|            | <b>SUBCATEGORY 0.00 CONCRETE VIBRATORS</b>                  |                  |                                       |                                |         |                |                               |         |                        |      |       |     |
|            | <b>STOW MANUFACTURING, INC.</b>                             |                  |                                       |                                |         |                |                               |         |                        |      |       |     |
|            | C65ST007  | DI-1 115V        | 1.375" HEAD, 21" SHFT (ADD GENERATOR) | 1 HP                           | E       | \$879          | 1.00                          | 0.11    | 0.18                   | 0.02 | 0.08  | 1   |
|            | C65ST010  | 75ER 115V        | 1.375" HEAD, 21" SHFT (ADD GENERATOR) | 1 HP                           | E       | \$884          | 1.01                          | 0.11    | 0.18                   | 0.02 | 0.08  | 1   |
|            | C65ST008  | DI-2 115V        | 2.375" HEAD, 21" SHFT (ADD GENERATOR) | 2 HP                           | E       | \$991          | 1.23                          | 0.12    | 0.20                   | 0.02 | 0.16  | 1   |
|            | C65ST011  | 130ER 115V       | 2.125" HEAD, 21" SHFT (ADD GENERATOR) | 2 HP                           | E       | \$1,108        | 1.34                          | 0.13    | 0.22                   | 0.02 | 0.16  | 1   |
|            | C65ST009  | DI-3 115V        | 2.625" HEAD, 21" SHFT (ADD GENERATOR) | 3 HP                           | E       | \$1,212        | 1.57                          | 0.14    | 0.24                   | 0.02 | 0.24  | 1   |
|            | C65ST012  | 200ER 115V       | 2.625" HEAD, 21" SHFT (ADD GENERATOR) | 3 HP                           | E       | \$1,252        | 1.62                          | 0.16    | 0.25                   | 0.03 | 0.24  | 1   |
|            | C65ST013  | G550HC           | 2.625" HEAD, 21" SHFT (ADD GENERATOR) | 6 HP                           | G       | \$1,660        | 2.34                          | 0.20    | 0.33                   | 0.03 | 0.50  | 2   |
|            | <b>WACKER CORPORATION</b>                                   |                  |                                       |                                |         |                |                               |         |                        |      |       |     |
|            | C65WC001  | IRE 57/240/180   | HI-FREQ INTERNAL, 2.25"HD (ADD GEN)   | 1 HP                           | E       | \$1,618        | 1.85                          | 0.19    | 0.32                   | 0.03 | 0.08  | 1   |
|            | C65WC002  | IRE 1.3Y/240/180 | HI-FREQ INTERNAL, 2.5"HD (ADD GEN)    | 2 HP                           | E       | \$1,713        | 2.07                          | 0.20    | 0.34                   | 0.03 | 0.16  | 1   |
|            | <b>NO SPECIFIC MANUFACTURER</b>                             |                  |                                       |                                |         |                |                               |         |                        |      |       |     |
|            | C65XX001  | A-25010          | 2.5" DIA HEAD (ADD COMPRESSOR)        | 40 CFM                         | A       | \$841          | 0.89                          | 0.11    | 0.17                   | 0.02 | 0.00  | 1   |
|            | C65XX002  | A-30010          | 3" DIA HEAD (ADD COMPRESSOR)          | 64 CFM                         | A       | \$1,017        | 1.08                          | 0.12    | 0.20                   | 0.02 | 0.00  | 1   |
|            | C65XX003  | A-35010          | 3.5" DIA HEAD (ADD COMPRESSOR)        | 82 CFM                         | A       | \$1,127        | 1.21                          | 0.14    | 0.23                   | 0.02 | 0.00  | 1   |
|            | C65XX004  | A-450SH          | 4.5" DIA HEAD (ADD COMPRESSOR)        | 110 CFM                        | A       | \$1,355        | 1.46                          | 0.17    | 0.27                   | 0.03 | 0.00  | 1   |
|            | C65XX005  | A-600SH          | 6" DIA HEAD (ADD COMPRESSOR)          | 125 CFM                        | A       | \$2,474        | 2.58                          | 0.29    | 0.49                   | 0.05 | 0.00  | 1   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10   |           |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|--|---|-----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|  | ID.NO.  | MODEL     | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
| <b>C75 CRANES, HYDRAULIC, SELF-PROPELLED</b> |   |           |   |                                |         |                |                               |         |                        |       |       |       |
|  | <b>SUBCATEGORY 0.00 CRANES, HYDRAULIC, SELF-PROPELLED</b> |           |   |                                |         |                |                               |         |                        |       |       |       |
|  | <b>BRODERSON MANUFACTURING COMPANY</b>                    |           |   |                                |         |                |                               |         |                        |       |       |       |
|  | C75BD001  | IC-80-1D  | 8.5 TON, 20' BOOM, YARD CRANE                                 | 64 HP                          | G       | \$75,603       | 20.98                         | 3.54    | 4.54                   | 1.27  | 6.72  | 144   |
|  | C75BD002  | RT-80-3C  | 9 TON, 44' BOOM, ROUGH TERRAIN, 4WD                           | 97 HP                          | G       | \$95,324       | 28.89                         | 4.46    | 5.72                   | 1.60  | 10.18 | 160   |
|  | C75BD003  | RT-200-3A | 15 TON, 49' BOOM, ROUGH TERRAIN, 4WD                          | 97 HP                          | G       | \$116,910      | 32.30                         | 5.44    | 6.95                   | 1.96  | 10.18 | 289   |
|  | <b>GROVE WORLDWIDE (Includes GROVE &amp; MANLIFT)</b>     |           |   |                                |         |                |                               |         |                        |       |       |       |
|  | C75GV001  | RT418     | 18 TON, 70' BOOM, ROUGH TERRAIN, 4WD                          | 105 HP                         | D-off   | \$227,392      | 39.77                         | 10.53   | 13.44                  | 3.81  | 3.44  | 383   |
|  | C75GV002  | RT420     | 20 TON, 70' BOOM, ROUGH TERRAIN, 4WD                          | 105 HP                         | D-off   | \$227,392      | 39.77                         | 10.53   | 13.44                  | 3.81  | 3.44  | 383   |
|  | C75GV003  | RT422     | 22 TON, 70' BOOM, ROUGH TERRAIN, 4WD                          | 105 HP                         | D-off   | \$227,392      | 39.77                         | 10.53   | 13.44                  | 3.81  | 3.44  | 383   |
|  | C75GV004  | RT58B     | 15 TON, 42' BOOM, ROUGH TERRAIN, 4WD                          | 125 HP                         | D-off   | \$224,595      | 40.02                         | 10.46   | 13.40                  | 3.76  | 4.09  | 441   |
|  | C75GV005  | RT58C     | 18 TON, 42' BOOM, ROUGH TERRAIN, 4WD                          | 125 HP                         | D-off   | \$224,595      | 40.02                         | 10.46   | 13.40                  | 3.76  | 4.09  | 441   |
|  | C75GV006  | RT58D     | 20 TON, 60' BOOM, ROUGH TERRAIN, 4WD                          | 125 HP                         | D-off   | \$224,595      | 40.02                         | 10.46   | 13.40                  | 3.76  | 4.09  | 441   |
|  | C75GV007  | RT58E     | 22 TON, 70' BOOM, ROUGH TERRAIN, 4WD                          | 125 HP                         | D-off   | \$236,247      | 41.79                         | 11.02   | 14.11                  | 3.96  | 4.09  | 441   |
|  | C75GV008  | RT522C    | 22 TON, 70' BOOM, ROUGH TERRAIN, 4WD                          | 125 HP                         | D-off   | \$274,915      | 48.79                         | 12.50   | 15.79                  | 4.61  | 4.09  | 513   |
|  | C75GV009  | RT525C    | 25 TON, 70' BOOM, ROUGH TERRAIN, 4WD                          | 125 HP                         | D-off   | \$274,915      | 48.79                         | 12.50   | 15.79                  | 4.61  | 4.09  | 513   |
|  | C75GV010  | RT528C    | 28 TON, 70' BOOM, ROUGH TERRAIN, 4WD                          | 125 HP                         | D-off   | \$274,915      | 48.79                         | 12.50   | 15.79                  | 4.61  | 4.09  | 513   |
|  | C75GV018  | RT635C    | 30 TON, 105' BOOM, ROUGH TERRAIN, 4WD                         | 152 HP                         | D-off   | \$382,822      | 65.87                         | 17.72   | 22.61                  | 6.41  | 4.98  | 632   |
|  | C75GV019  | RT750     | 40 TON, 110' BOOM, ROUGH TERRAIN, 4WD                         | 177 HP                         | D-off   | \$529,379      | 89.69                         | 24.48   | 31.21                  | 8.87  | 5.80  | 825   |
|  | C75GV014  | RT760     | 60 TON, 110' BOOM, ROUGH TERRAIN, 4WD,<br>W/HOOK BLOCK & BALL | 198 HP                         | D-off   | \$581,693      | 98.49                         | 26.96   | 34.42                  | 9.75  | 6.49  | 858   |
|  | C75GV015  | RT880     | 80 TON, 114' BOOM, ROUGH TERRAIN, 4WD<br>W/HOOK BLOCK & BALL  | 250 HP                         | D-off   | \$673,612      | 114.80                        | 31.27   | 39.96                  | 11.29 | 8.19  | 112   |
|  | C75GV016  | RT9100    | 100 TON, 114' BOOM, ROUGH TERRAIN, 4WD<br>W/HOOK BLOCK & BALL | 250 HP                         | D-off   | \$869,763      | 145.25                        | 40.27   | 51.41                  | 14.57 | 8.19  | 1,364 |
|  | <b>LINK BELT CONSTRUCTION COMPANY</b>                     |           |   |                                |         |                |                               |         |                        |       |       |       |
|  | C75LB001  | RTC 8020  | 20 TON, 70' BOOM, ROUGH TERRAIN, 4X4X4                        | 105 HP                         | D-off   | \$211,961      | 37.30                         | 9.80    | 12.50                  | 3.55  | 3.44  | 373   |
|  | C75LB002  | RTC 8028  | 28 TON, 70' BOOM, ROUGH TERRAIN, 4X4X4                        | 130 HP                         | D-off   | \$263,605      | 46.41                         | 12.18   | 15.52                  | 4.42  | 4.26  | 521   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10  |            |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |      | CWT   |
|-----|--|------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|------|-------|
|     | ID.NO.   | MODEL      | EQUIPMENT DESCRIPTION                      | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL |       |
|     |  |            |  |                                |         |                |                               |         |                        |       |      |       |
|     | <b>LORAIN CRANES DIVISION, NORTHWEST ENGINEERING<br/>COMPANY</b> |            |  |                                |         |                |                               |         |                        |       |      |       |
|     | C75LO009   | LCD SERIES | 15 TON, 36' BOOM, ROUGH TERRAIN, 4X4       | 80 HP                          | D-off   | \$141,171      | 25.72                         | 6.44    | 8.14                   | 2.37  | 2.62 | 477   |
|     | C75LO010   | LCD SERIES | 18 TON, 42' BOOM, ROUGH TERRAIN, 4X4       | 80 HP                          | D-off   | \$141,189      | 25.72                         | 6.44    | 8.14                   | 2.37  | 2.62 | 478   |
|     | C75LO003   | LRT-200E   | 20 TON, 72' BOOM, ROUGH TERRAIN, 4X4       | 130 HP                         | D-off   | \$240,668      | 43.03                         | 11.12   | 14.18                  | 4.03  | 4.26 | 478   |
|     | C75LO004   | LRT-230E   | 30 TON, 72' BOOM, ROUGH TERRAIN, 4X4       | 130 HP                         | D-off   | \$240,889      | 43.07                         | 11.14   | 14.20                  | 4.04  | 4.26 | 490   |
|     | C75LO013   | LRT 300D   | 33 TON, 81' BOOM, ROUGH TERRAIN, 4X4       | 152 HP                         | D-off   | \$306,259      | 54.34                         | 14.10   | 17.94                  | 5.13  | 4.98 | 550   |
|     | C75LO012   | MCH 350D   | 27.5 TON, 81' BOOM, ROUGH TERRAIN, 6X4     | 250 HP                         | D-off   | \$343,688      | 64.26                         | 15.87   | 20.22                  | 5.76  | 8.19 | 520   |
|     | C75LO011   | MCH 300D   | 33 TON, 81' BOOM, ROUGH TERRAIN, 6X4       | 230 HP                         | D-off   | \$343,514      | 63.33                         | 15.87   | 20.21                  | 5.76  | 7.53 | 510   |
|     | <b>P &amp; H</b>   |            |  |                                |         |                |                               |         |                        |       |      |       |
|     | C75PH001   | CN 115     | 15 TON, 72' BOOM, ROUGH TERRAIN, 4X4X4     | 130 HP                         | D-off   | \$246,994      | 43.88                         | 11.46   | 14.63                  | 4.14  | 4.26 | 455   |
|     | C75PH002   | CN 118     | 18 TON, 72' BOOM, ROUGH TERRAIN, 4X4X4     | 130 HP                         | D-off   | \$246,682      | 43.83                         | 11.43   | 14.61                  | 4.13  | 4.26 | 438   |
|     | C75PH003   | CN 120     | 20 TON, 72' BOOM, ROUGH TERRAIN, 4X4X4     | 130 HP                         | D-off   | \$246,700      | 43.83                         | 11.43   | 14.61                  | 4.13  | 4.26 | 439   |
|     | C75PH004   | CN 122     | 22 TON, 72' BOOM, ROUGH TERRAIN, 4X4X4     | 130 HP                         | D-off   | \$246,718      | 43.83                         | 11.43   | 14.61                  | 4.13  | 4.26 | 440   |
|     | C75PH014   | OMEGA 25   | 25 TON, 134' BOOM, ROUGH TERRAIN, 4X4      | 155 HP                         | D-off   | \$298,349      | 52.88                         | 13.84   | 17.68                  | 5.00  | 5.08 | 533   |
|     | C75PH018   | CN128      | 28 TON, 72' BOOM, ROUGH TERRAIN, 4X4X4     | 130 HP                         | D-off   | \$261,623      | 47.00                         | 11.88   | 14.99                  | 4.38  | 4.26 | 500   |
|     | C75PH006   | OMEGA 30   | 30 TON, 80' BOOM, ROUGH TERRAIN, 4X4X4     | 155 HP                         | D-off   | \$298,645      | 52.92                         | 13.85   | 17.70                  | 5.00  | 5.08 | 550   |
|     | C75PH007   | OMEGA 35   | 35 TON, 80' BOOM, ROUGH TERRAIN, 4X4X4     | 155 HP                         | D-off   | \$299,875      | 53.11                         | 13.91   | 17.78                  | 5.02  | 5.08 | 560   |
|     | C75PH015   | CN 140     | 40 TON, 171' BOOM, ROUGH TERRAIN, 4X4      | 177 HP                         | D-off   | \$376,407      | 66.18                         | 17.38   | 22.15                  | 6.31  | 5.80 | 720   |
|     | C75PH016   | CN145      | 45 TON, 110' BOOM, ROUGH TERRAIN,<br>4X4X4 | 177 HP                         | D-off   | \$394,658      | 68.80                         | 18.27   | 23.33                  | 6.61  | 5.80 | 784   |
|     | C75PH012   | CN 150     | 50 TON, 110' BOOM, ROUGH TERRAIN,<br>4X4X4 | 200 HP                         | D-off   | \$441,104      | 76.99                         | 20.43   | 26.07                  | 7.39  | 6.55 | 788   |
|     | C75PH013   | CN 165     | 65 TON, 126' BOOM, ROUGH TERRAIN,<br>4X4X4 | 228 HP                         | D-off   | \$562,552      | 97.01                         | 26.04   | 33.22                  | 9.43  | 7.47 | 955   |
|     | C75PH017   | CN180      | 80 TON, 125' BOOM, ROUGH TERRAIN,<br>4X4X4 | 250 HP                         | D-off   | \$655,572      | 112.08                        | 30.42   | 38.87                  | 10.99 | 8.19 | 650   |
|     | C75PH019   | CN190      | 90 TON, 125' BOOM, ROUGH TERRAIN,<br>4X4X4 | 250 HP                         | D-off   | \$676,881      | 115.29                        | 31.42   | 40.16                  | 11.34 | 8.19 | 1,119 |
|     | <b>TADANO AMERICA CORPORATION</b>                                |            |  |                                |         |                |                               |         |                        |       |      |       |
|     | C75TD002   | TR-250XL   | 25 TON, 96' BOOM, ROUGH TERRAIN, 4WD       | 180 HP                         | D-off   | \$255,705      | 47.69                         | 11.80   | 15.03                  | 4.28  | 5.90 | 518   |
|     | C75TD003   | TR-300XL   | 30 TON, 112' BOOM, ROUGH TERRAIN, 4WD      | 180 HP                         | D-off   | \$298,912      | 54.11                         | 13.87   | 17.72                  | 5.01  | 5.90 | 537   |
|     | C75TD006   | TR-350XL-3 | 35 TON, 155' BOOM, ROUGH TERRAIN, 4WD      | 247 HP                         | D-off   | \$350,685      | 65.09                         | 16.27   | 20.79                  | 5.88  | 8.09 | 621   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |            |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL      | EQUIPMENT DESCRIPTION                                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |   |            |  |                                |         |                |                               |         |                        |      |      |     |
| <b>C75</b> | <b>TADANO AMERICA CORPORATION<br/>(continued)</b> |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | C75TD007  | TR-500XL-3 | 50 TON, 175' BOOM, ROUGH TERRAIN, 4WD                    | 247 HP                         | D-off   | \$470,614      | 84.45                         | 21.57   | 27.36                  | 7.89 | 8.09 | 882 |
|            | C75TD005  | TR-600XL-3 | 60 TON, 180' BOOM, ROUGH TERRAIN, 4WD                    | 247 HP                         | D-off   | \$522,441      | 91.81                         | 24.15   | 30.79                  | 8.75 | 8.09 | 945 |
| <b>C80</b> | <b>CRANES, HYDRAULIC, TRUCK MOUNTED</b>           |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.01 UNDER 26 TON</b>              |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>LINK BELT</b>                                  |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | C80LI001  | HTC-814    | 14 TON, 80' BOOM, 6X4                                    | 200 HP                         | D-off   | \$309,117      | 49.55                         | 14.42   | 18.49                  | 5.18 | 5.54 | 486 |
|            | <b>PALFINGER, INC.</b>                            |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | C80PA001  | PK 2500    | 1 TON, 20' BOOM (ADD FLATBED AND 21,000 GVW TRUCK)       |                                |         | \$15,404       | 2.15                          | 0.73    | 0.94                   | 0.26 | 0.00 | 9   |
|            | C80PA002  | PK 3700    | 2.5 TON, 80' BOOM (ADD FLATBED AND 24,7000 GVW TRUCK)    |                                |         | \$19,570       | 2.70                          | 0.93    | 1.19                   | 0.33 | 0.00 | 14  |
|            | C80PA004  | PK 12500   | 3.5 TON, 62' BOOM (ADD FLATBED AND 43,000 GVW TRUCK)     |                                |         | \$41,369       | 5.74                          | 1.94    | 2.51                   | 0.69 | 0.00 | 37  |
|            | C80PA003  | PK 10500   | 4.5 TON, 52' BOOM (ADD FLATBED AND 43,000 GVW TRUCK)     |                                |         | \$35,109       | 4.76                          | 1.65    | 2.13                   | 0.59 | 0.00 | 29  |
|            | C80PA005  | PK 14500   | 7 TON, 72' 2" BOOM (ADD FLATBED AND 48,000 GVW TRUCK)    |                                |         | \$53,621       | 7.37                          | 2.53    | 3.26                   | 0.90 | 0.00 | 41  |
|            | C80PA006  | PK 22000   | 8 TON, 75' 2" BOOM (ADD FLATBED AND 50,000 GVW TRUCK)    |                                |         | \$75,331       | 10.24                         | 3.54    | 4.57                   | 1.26 | 0.00 | 60  |
|            | C80PA007  | PK 30000   | 10.5 TON, 81' 4" BOOM (ADD FLATBED AND 50,000 GVW TRUCK) |                                |         | \$95,103       | 13.37                         | 4.47    | 5.77                   | 1.59 | 0.00 | 83  |
|            | C80PA008  | PK 45000   | 15.5 TON, 78' 9" BOOM (ADD FLATBED AND 62,000 GVW TRUCK) |                                |         | \$125,168      | 17.37                         | 5.90    | 7.60                   | 2.10 | 0.00 | 113 |
|            | C80PA009  | PK 75000   | 20 TON, 98' 1" BOOM (ADD FLATBED AND 74,000 GVW TRUCK)   |                                |         | \$193,700      | 26.72                         | 9.13    | 11.76                  | 3.25 | 0.00 | 141 |
|            | <b>P &amp; H</b>                                  |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | C80PH001  | CN T-250   | 25 TON, 80' BOOM   | 210 HP                         | D-off   | \$314,488      | 50.58                         | 14.71   | 18.87                  | 5.27 | 5.82 | 492 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10   |           |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|-----|---|-----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|     | ID.NO.  | MODEL     | EQUIPMENT DESCRIPTION                        | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|     |   |           |  |                                |         |                |                               |         |                        |       |       |       |
|     | <b>SUBCATEGORY 0.02 26 TON THRU 65 TON</b>            |           |  |                                |         |                |                               |         |                        |       |       |       |
|     | <b>GROVE WORLDWIDE (Includes GROVE &amp; MANLIFT)</b> |           |  |                                |         |                |                               |         |                        |       |       |       |
|     | C80GV006  | TMS-700B  | 50 TON, 110' BOOM, 8X4X4                     | 250 HP                         | D-off   | \$493,757      | 72.04                         | 21.16   | 25.93                  | 8.19  | 6.93  | 666   |
|     | <b>LINK BELT</b>                                      |           |  |                                |         |                |                               |         |                        |       |       |       |
|     | C80LI003  | HTC-830   | 30 TON, 80' BOOM, 6X4                        | 200 HP                         | D-off   | \$310,391      | 46.99                         | 13.27   | 16.24                  | 5.15  | 5.54  | 486   |
|     | C80LI004  | HTC-835   | 35 TON, 101' BOOM, 6X4                       | 210 HP                         | D-off   | \$328,428      | 49.63                         | 14.05   | 17.20                  | 5.45  | 5.82  | 514   |
|     | C80LI006  | HTC-6650  | 50 TON, 110' BOOM, 8X4                       | 234 HP                         | D-off   | \$418,731      | 61.93                         | 17.93   | 21.96                  | 6.95  | 6.49  | 746   |
|     | C80LI008  | HTC-8670  | 70 TON, 115' BOOM, 8X4                       | 365 HP                         | D-off   | \$495,403      | 76.71                         | 21.18   | 25.91                  | 8.22  | 10.12 | 879   |
|     | <b>P &amp; H</b>                                      |           |  |                                |         |                |                               |         |                        |       |       |       |
|     | C80PH002  | CN T-300  | 30 TON, 100' BOOM                            | 210 HP                         | D-off   | \$324,025      | 48.84                         | 13.93   | 17.09                  | 5.38  | 5.82  | 523   |
|     | C80PH003  | CN T-350  | 35 TON, 110' BOOM                            | 210 HP                         | D-off   | \$324,060      | 48.84                         | 13.93   | 17.09                  | 5.38  | 5.82  | 525   |
|     | C80PH006  | CNT-500   | 50 TON, 110' BOOM                            | 250 HP                         | D-off   | \$458,798      | 67.63                         | 19.65   | 24.07                  | 7.61  | 6.93  | 773   |
|     | C80PH007  | CNT-650   | 65 TON, 126' BOOM                            | 350 HP                         | D-off   | \$544,728      | 82.17                         | 23.36   | 28.64                  | 9.04  | 9.70  | 868   |
|     | <b>TADANO AMERICA CORPORATION</b>                     |           |  |                                |         |                |                               |         |                        |       |       |       |
|     | C80TD004  | TR-450XL  | 45 TON, 106' BOOM, ROUGH TERRAIN, 4X4        | 180 HP                         | D-off   | \$465,871      | 66.66                         | 19.80   | 24.13                  | 7.73  | 4.99  | 843   |
|     | <b>SUBCATEGORY 0.03 66 TON THRU 125 TON</b>           |           |  |                                |         |                |                               |         |                        |       |       |       |
|     | <b>GROVE WORLDWIDE (Includes GROVE &amp; MANLIFT)</b> |           |  |                                |         |                |                               |         |                        |       |       |       |
|     | C80GV020  | TMS-870   | 70 TON, 110' BOOM, TRUCK MTD, HYD CRANE, 8X4 | 400 HP                         | D-on    | \$636,539      | 102.22                        | 25.38   | 29.78                  | 10.49 | 18.48 | 1,092 |
|     | C80GV010  | TM-890    | 90 TON, 114' BOOM, 8X4X4                     | 192 HP                         | D-off   | \$674,901      | 94.13                         | 26.75   | 31.24                  | 11.13 | 8.34  | 1,203 |
|     | <b>LINK BELT CONSTRUCTION COMPANY</b>                 |           |  |                                |         |                |                               |         |                        |       |       |       |
|     | C80LB001  | HTC-8670  | 70 TON, 115' BOOM                            | 315 HP                         | D-off   | \$495,646      | 72.12                         | 19.75   | 23.16                  | 8.17  | 8.73  | 893   |
|     | C80LB002  | HTC-11100 | 100 TON, 115' BOOM                           | 430 HP                         | D-off   | \$671,571      | 98.00                         | 26.72   | 31.29                  | 11.07 | 11.92 | 1,147 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10  |           |  | ENGINE HORSEPOWER<br>FUEL TYPE |             | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|--|--|-----------|--|--------------------------------|-------------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|  | ID.NO.   | MODEL     | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER     | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|  | <b>SUBCATEGORY 0.04 OVER 125 TON</b>                                 |           |  |                                |             |                |                               |         |                        |       |       |       |
|  | <b>GROVE WORLDWIDE (Includes GROVE &amp; MANLIFT)</b>                |           |  |                                |             |                |                               |         |                        |       |       |       |
|  | C80GV012   | TM-1500   | 150 TON, 173' BOOM, 12X6   | 250 HP D-off                   | 450 HP D-on | \$1,316,961    | 170.33                        | 49.13   | 55.12                  | 21.57 | 10.71 | 1,936 |
| <b>C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED</b> |  |           |  |                                |             |                |                               |         |                        |       |       |       |
|  | <b>SUBCATEGORY 0.11 DRAGLINE, CLAMSHELL, 0 THRU 1.0 CY</b>           |           |  |                                |             |                |                               |         |                        |       |       |       |
|  | <b>LITTLE GIANT CRANE &amp; SHOVEL</b>                               |           |  |                                |             |                |                               |         |                        |       |       |       |
|  | C85LG001   | C48H      | .75 CY, 17.5 TON DRAGLINE, 30' BOOM, (ADD DRAGLINE/CLAM BUCKET)            | 140 HP D-off                   |             | \$170,204      | 34.22                         | 8.91    | 12.06                  | 2.88  | 3.29  | 382   |
|  | C85LG002   | C64       | 1 CY, 25 TON DRAGLINE, 30' BOOM, (ADD DRAGLINE/CLAMSHELL BUCKET)           | 140 HP D-off                   |             | \$224,842      | 43.72                         | 11.78   | 15.93                  | 3.81  | 3.29  | 545   |
|  | <b>NORTHWEST ENGINEERING COMPANY</b>                                 |           |  |                                |             |                |                               |         |                        |       |       |       |
|  | C85NO001   | 50-D/5030 | 1.0 CY, DRAGLINE/CLAM, 40' BOOM, 15' 4" CRAWLERS W/30" SHOES (ADD BUCKET)  | 190 HP D-off                   |             | \$363,987      | 69.55                         | 19.06   | 25.78                  | 6.17  | 4.47  | 930   |
|  | <b>SUBCATEGORY 0.12 DRAGLINE, CLAMSHELL, OVER 1.0 CY THRU 2.5 CY</b> |           |  |                                |             |                |                               |         |                        |       |       |       |
|  | <b>AMERICAN CRANE CORPORATION</b>                                    |           |  |                                |             |                |                               |         |                        |       |       |       |
|  | C85AM002   | 5220      | 2.00 CY DRAGLINE/CLAM, 65' BOOM (ADD DRAGLINE OR CLAM BUCKET)              | 125 HP D-off                   |             | \$457,301      | 75.44                         | 21.54   | 27.76                  | 7.66  | 2.94  | 910   |
|  | <b>NORTHWEST ENGINEERING COMPANY</b>                                 |           |  |                                |             |                |                               |         |                        |       |       |       |
|  | C85NO002   | 50-D/5035 | 1.25 CY, DRAGLINE/CLAM, 50' BOOM, 15' 4" CRAWLERS W/30" SHOES (ADD BUCKET) | 190 HP D-off                   |             | \$368,207      | 63.78                         | 17.35   | 22.36                  | 6.17  | 4.47  | 932   |
|  | C85NO003   | 50-D/5050 | 2.0 CY DRAGLINE/CLAM, 60' BOOM, 15' 4" CRAWLERS W/30" SHOES (ADD BUCKET)   | 238 HP D-off                   |             | \$432,958      | 75.47                         | 20.40   | 26.29                  | 7.25  | 5.60  | 957   |
|  | C85NO004   | 70-D/7060 | 2.5 CY DRAGLINE/CLAM, 50' BOOM, 19' CRAWLERS W/30" SHOES (ADD BUCKET)      | 238 HP D-off                   |             | \$609,496      | 102.97                        | 28.72   | 37.01                  | 10.21 | 5.60  | 1,425 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10  |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|-----|--|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|     | ID.NO.   | MODEL          | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|     |  |                |  |                                |         |                |                               |         |                        |       |       |       |
|     | <b>SUBCATEGORY 0.13 DRAGLINE, CLAMSHELL, OVER 2.5 CY THRU 5.0 CY</b> |                |  |                                |         |                |                               |         |                        |       |       |       |
|     | <b>AMERICAN CRANE CORPORATION</b>                                    |                |  |                                |         |                |                               |         |                        |       |       |       |
|     | C85AM003   | 9225           | 4.5 CY DRAGLINE/CLAM, 95' BOOM (ADD DRAGLINE OR CLAM BUCKET)                 | 311 HP                         | D-off   | \$904,909      | 141.74                        | 39.06   | 48.07                  | 15.02 | 7.31  | 2,650 |
|     | <b>MANITOWOC ENGINEERING COMPANY</b>                                 |                |  |                                |         |                |                               |         |                        |       |       |       |
|     | C85MA001   | 3900 VICON     | 3.5 CY DRAGLINE/CLAM, 80' BOOM, 20' 4"CRAWLERS W/38"SHOES (ADD BUCKET)       | 335 HP                         | D-off   | \$890,417      | 140.35                        | 38.43   | 47.30                  | 14.78 | 7.88  | 1,988 |
|     | C85MA002   | 4100W VICON #1 | 5 CY DRAGLINE/CLAM, 130' BOOM, 26' 6"CRAWLERS W/48"SHOES (ADD BUCKET)        | 335 HP                         | D-off   | \$1,444,380    | 221.39                        | 62.34   | 76.73                  | 23.97 | 7.88  | 3,815 |
|     | <b>NORTHWEST ENGINEERING COMPANY</b>                                 |                |  |                                |         |                |                               |         |                        |       |       |       |
|     | C85NO005   | 70-D/7080      | 3.5 CY DRAGLINE/CLAM, 80' BOOM, 19' CRAWLERS W/30" SHOES (ADD BUCKET)        | 238 HP                         | D-off   | \$716,768      | 112.03                        | 30.93   | 38.08                  | 11.89 | 5.60  | 1,497 |
|     | C85NO006   | 95-D/9570-WT   | 4 CY DRAGLINE/CLAM, 50' BOOM, 19' CRAWLERS W/38" SHOES (ADD BUCKET)          | 304 HP                         | D-off   | \$680,623      | 108.73                        | 29.37   | 36.16                  | 11.29 | 7.15  | 1,580 |
|     | <b>SUBCATEGORY 0.14 DRAGLINE, CLAMSHELL, OVER 5.0 CY</b>             |                |  |                                |         |                |                               |         |                        |       |       |       |
|     | <b>AMERICAN CRANE CORPORATION</b>                                    |                |  |                                |         |                |                               |         |                        |       |       |       |
|     | C85AM005   | 12220          | 12 CY, 23 TON DRAGLINE, 140' BOOM, 32' 3"CRAWLERS W/60"SHOES (ADD BUCKET)    | 900 HP                         | D-off   | \$2,956,669    | 438.47                        | 118.56  | 139.62                 | 48.75 | 21.17 | 6,566 |
|     | C85AM004   | 12220          | 20 CY, 37.5 TON CLAMSHELL, 120' BOOM, 32' 3"CRAWLERS W/60"SHOES (ADD BUCKET) | 900 HP                         | D-off   | \$2,931,061    | 434.90                        | 117.53  | 138.41                 | 48.32 | 21.17 | 6,670 |
|     | <b>MANITOWOC ENGINEERING COMPANY</b>                                 |                |  |                                |         |                |                               |         |                        |       |       |       |
|     | C85MA003   | 4600 VICON #3  | 7 CY DRAGLINE/CLAM, 140' BOOM, 26' 1"CRAWLERS W/60"SHOES (ADD BUCKET)        | 680 HP                         | D-off   | \$1,699,229    | 256.98                        | 68.13   | 80.24                  | 28.01 | 15.99 | 5,100 |
|     | C85MA009   | 888            | 10 CY DRAGLINE/CLAM, 70' BOOM, 28' 2.5" CRAWLERS W/48" SHOES, ADD BKT        | 330 HP                         | D-off   | \$1,128,545    | 166.94                        | 45.25   | 53.29                  | 18.61 | 7.76  | 3,397 |
|     | <b>NORTHWEST ENGINEERING COMPANY</b>                                 |                |  |                                |         |                |                               |         |                        |       |       |       |
|     | C85NO007   | 190-D          | 6.5 CY DRAGLINE, 85' BOOM, 21' 1"CRAWLERS W/60" SHOES (ADD BUCKET)           | 456 HP                         | D-off   | \$917,330      | 141.47                        | 36.78   | 43.32                  | 15.12 | 10.73 | 2,740 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10  |           |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |      | CWT   |
|-----|--|-----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|------|-------|
|     | ID.NO.   | MODEL     | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL |       |
|     | <b>SUBCATEGORY 0.22 LIFTING, 26 TON THRU 50 TON</b>  |           |  |                                |         |                |                               |         |                        |       |      |       |
|     | <b>AMERICAN CRANE CORPORATION</b>                    |           |  |                                |         |                |                               |         |                        |       |      |       |
|     | C85AM007   | 5220      | 50 TON LIFTCRANE, 65' BOOM, 16' CRAWLERS WITH 36" SHOES          | 125 HP                         | D-off   | \$457,832      | 65.86                         | 20.60   | 25.94                  | 7.63  | 2.21 | 1,020 |
|     | <b>NORTHWEST ENGINEERING COMPANY</b>                 |           |  |                                |         |                |                               |         |                        |       |      |       |
|     | C85NO008   | 50-D/5030 | 30 TON LIFTING CRANE, 40' BOOM, 15' 4" CRAWLERS WITH 30" SHOES   | 190 HP                         | D-off   | \$333,439      | 50.16                         | 15.00   | 18.89                  | 5.56  | 3.35 | 869   |
|     | C85NO009   | 50-D/5035 | 35 TON LIFTING CRANE, 50' BOOM, 15' 4" CRAWLERS WITH 30" SHOES   | 190 HP                         | D-off   | \$336,131      | 50.54                         | 15.14   | 19.05                  | 5.61  | 3.35 | 872   |
|     | C85NO010   | 50-D/5050 | 50 TON LIFTING CRANE, 60' BOOM, 15' 4" CRAWLERS WITH 30" SHOES   | 238 HP                         | D-off   | \$430,875      | 64.67                         | 19.40   | 24.42                  | 7.19  | 4.20 | 952   |
|     | <b>SUBCATEGORY 0.23 LIFTING, 51 TON THRU 150 TON</b> |           |  |                                |         |                |                               |         |                        |       |      |       |
|     | <b>AMERICAN CRANE CORPORATION</b>                    |           |  |                                |         |                |                               |         |                        |       |      |       |
|     | C85AM008   | 5299A     | 60 TON LIFTCRANE, 75' BOOM, 17' 6" CRAWLERS WITH 36" SHOES       | 125 HP                         | D-off   | \$524,770      | 68.21                         | 21.04   | 24.78                  | 8.65  | 2.21 | 1,160 |
|     | C85AM009   | 5300      | 70 TON LIFTCRANE, 160' BOOM, 17' 6" CRAWLERS WITH 36" SHOES      | 160 HP                         | D-off   | \$553,735      | 72.62                         | 22.20   | 26.15                  | 9.13  | 2.82 | 1,290 |
|     | C85AM010   | 7225A     | 85 TON LIFTCRANE, 160' BOOM, 18' 7" CRAWLERS WITH 38" SHOES      | 213 HP                         | D-off   | \$716,496      | 94.09                         | 28.73   | 33.83                  | 11.81 | 3.76 | 1,480 |
|     | C85AM011   | 9225      | 150 TON LIFTCRANE, 190' BOOM, 23' 9" CRAWLERS WITH 44" SHOES     | 289 HP                         | D-off   | \$942,124      | 123.92                        | 37.77   | 44.49                  | 15.53 | 5.10 | 2,750 |
|     | <b>LINK BELT CONSTRUCTION COMPANY</b>                |           |  |                                |         |                |                               |         |                        |       |      |       |
|     | C85LB005   | LS-138H   | 75 TON LIFTING CRANE, 150' BOOM, 19' 5" CRAWLERS, 36" SHOES      | 207 HP                         | D-off   | \$525,524      | 70.16                         | 21.07   | 24.82                  | 8.66  | 3.65 | 1,159 |
|     | C85LB006   | LS-208H   | 75 TON LIFTING CRANE, 180' BOOM, 19' 5" CRAWLERS WITH 36" SHOES  | 263 HP                         | D-off   | \$602,035      | 80.97                         | 24.15   | 28.43                  | 9.93  | 4.64 | 1,421 |
|     | C85LB007   | LS-218H   | 100 TON LIFTING CRANE, 230' BOOM, 21' 3" CRAWLERS WITH 36" SHOES | 263 HP                         | D-off   | \$753,499      | 99.83                         | 30.21   | 35.58                  | 12.42 | 4.64 | 1,685 |
|     | <b>MANITOWOC ENGINEERING COMPANY</b>                 |           |  |                                |         |                |                               |         |                        |       |      |       |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |      | CWT   |
|------------|--|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|------|-------|
|            | ID.NO.   | MODEL          | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL |       |
|            |  |                |  |                                |         |                |                               |         |                        |       |      |       |
| <b>C85</b> | <b>MANITOWOC ENGINEERING COMPANY<br/>(continued)</b> |                |  |                                |         |                |                               |         |                        |       |      |       |
|            | C85MA004   | 3900 VICON     | 100 TON LIFTING CRANE, 210' BOOM, 20' 4" CRAWLERS W/38" SHOES              | 335 HP                         | D-off   | \$919,951      | 122.20                        | 36.89   | 43.44                  | 15.17 | 5.91 | 2,354 |
|            | C85MA005   | 3900W VICON #2 | 140 TON LIFTING CRANE, 250' BOOM, 24' CRAWLERS W/48" SHOES                 | 335 HP                         | D-off   | \$1,051,978    | 138.65                        | 42.18   | 49.68                  | 17.34 | 5.91 | 2,744 |
|            | C85MA008   | 3950W          | 125 TON LIFTING CRANE, 260' BOOM, 24' CRAWLERS W/48" SHOES                 | 335 HP                         | D-off   | \$1,179,150    | 154.50                        | 47.28   | 55.68                  | 19.44 | 5.91 | 3,121 |
|            | <b>NORTHWEST ENGINEERING COMPANY</b>                 |                |  |                                |         |                |                               |         |                        |       |      |       |
|            | C85NO011   | 70-D/7060      | 60 TON LIFTING CRANE, 50' BOOM, 19' CRAWLERS WITH 30" SHOES                | 238 HP                         | D-off   | \$600,028      | 80.15                         | 24.06   | 28.33                  | 9.89  | 4.20 | 1,403 |
|            | C85NO012   | 70-D/7080      | 80 TON LIFTING CRANE, 160' BOOM, 19' CRAWLERS WITH 30" SHOES               | 238 HP                         | D-off   | \$736,318      | 97.13                         | 29.53   | 34.77                  | 12.14 | 4.20 | 1,524 |
|            | C85NO013   | 95-D/9570-WT   | 60 TON LIFTING CRANE, 50' BOOM, 19' CRAWLERS WITH 38" SHOES                | 304 HP                         | D-off   | \$671,275      | 90.51                         | 26.92   | 31.70                  | 11.07 | 5.36 | 1,565 |
|            | C85NO014   | 190-D          | 100 TON LIFTING CRANE, 170' BOOM, 21' 1" CRAWLERS WITH 60" SHOES (ADD BKT) | 456 HP                         | D-off   | \$948,641      | 128.51                        | 38.04   | 44.80                  | 15.64 | 8.04 | 2,872 |
|            | <b>SUBCATEGORY 0.24 LIFTING, OVER 150 TON</b>        |                |  |                                |         |                |                               |         |                        |       |      |       |
|            | <b>AMERICAN CRANE CORPORATION</b>                    |                |  |                                |         |                |                               |         |                        |       |      |       |
|            | C85AM012   | 9310-A         | 225 TON LIFTING CRANE, 280' BOOM, 26' 6" CRAWLERS WITH 44" SHOES           | 279 HP                         | D-off   | \$1,168,461    | 146.80                        | 43.97   | 49.66                  | 19.14 | 4.92 | 3,790 |
|            | C85AM013   | 9320           | 250 TON LIFTING CRANE, 280' BOOM, 28' 2" CRAWLERS WITH 50" SHOES           | 279 HP                         | D-off   | \$1,291,024    | 161.52                        | 48.58   | 54.87                  | 21.14 | 4.92 | 4,050 |
|            | C85AM015   | 11320          | 450 TON LIFTING CRANE, 280' BOOM, 26' 9" CRAWLERS WITH 60" SHOES           | 519 HP                         | D-off   | \$2,788,182    | 346.93                        | 104.92  | 118.50                 | 45.67 | 9.16 | 6,860 |
|            | <b>MANITOWOC ENGINEERING COMPANY</b>                 |                |  |                                |         |                |                               |         |                        |       |      |       |
|            | C85MA006   | 4100W VICON #1 | 200 TON LIFTING CRANE, 260' BOOM, 26' 6" CRAWLERS W/48" SHOES              | 335 HP                         | D-off   | \$1,382,499    | 173.81                        | 52.02   | 58.76                  | 22.64 | 5.91 | 3,929 |
|            | C85MA007   | 4600 VICON #3  | 240 TON LIFTING CRANE, 260' BOOM, 26' 1" CRAWLERS W/60" SHOES              | 431 HP                         | D-off   | \$2,159,747    | 269.38                        | 81.27   | 91.79                  | 35.37 | 7.60 | 4,942 |
|            | C85MA010   | 888            | 230 TON LIFTING CRANE, 300' BOOM,  | 330 HP                         | D-off   | \$1,403,883    | 176.26                        | 52.83   | 59.67                  | 22.99 | 5.82 | 3,697 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10                                   |         |  | ENGINE HORSEPOWER<br>FUEL TYPE |                   | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|--|---|---------|--|--------------------------------|-------------------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|  | ID.NO.                                      | MODEL   | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER           | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
| <b>C90 CRANES, MECHANICAL, LATTICE BOOM, TRUCK MOUNTED</b> |   |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | <b>SUBCATEGORY 0.03 66 TON THRU 125 TON</b> |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | <b>AMERICAN CRANE CORPORATION</b>           |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | C90AM001                                    | 5530    | 75 TON, 170' BOOM  | 128 HP                         | D-off 238 HP D-on | \$728,333      | 94.91                         | 29.02   | 34.02                  | 12.01 | 4.47  | 1,245 |
|  | C90AM002                                    | 7150    | 125 TON, 240' BOOM   | 330 HP                         | D-off 330 HP D-on | \$954,748      | 129.28                        | 38.04   | 44.59                  | 15.74 | 9.52  | 1,900 |
|  | <b>SUBCATEGORY 0.04 OVER 125 TON</b>        |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | <b>AMERICAN CRANE CORPORATION</b>           |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | C90AM003                                    | 8470    | 180 TON, 240' BOOM   | 268 HP                         | D-off 305 HP D-on | \$1,303,133    | 164.06                        | 48.81   | 54.95                  | 21.34 | 7.99  | 2,520 |
|  | C90AM004                                    | 9530    | 220 TON, 260' BOOM   | 268 HP                         | D-off 450 HP D-on | \$1,709,025    | 215.11                        | 63.63   | 71.28                  | 27.99 | 9.00  | 3,480 |
|  | <b>LINK BELT</b>                            |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | C90LI007                                    | HC-238H | 150 TON, 280' BOOM   | 207 HP                         | D-off 430 HP D-on | \$1,048,805    | 134.09                        | 39.17   | 43.99                  | 17.18 | 7.53  | 2,012 |
|  | C90LI008                                    | HC-248H | 200 TON, 340' BOOM   | 248 HP                         | D-off 430 HP D-on | \$1,248,891    | 158.68                        | 46.70   | 52.49                  | 20.45 | 8.43  | 2,287 |
|  | C90LI009                                    | HC-278H | 300 TON, 450' BOOM   | 360 HP                         | D-off 430 HP D-on | \$2,022,140    | 252.34                        | 75.79   | 85.35                  | 33.12 | 10.87 | 3,265 |
|  | <b>P &amp; H</b>                            |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | C90PH001                                    | 9150    | 150 TON, 270' BOOM   | 210 HP                         | D-off 315 HP D-on | \$1,016,360    | 129.33                        | 37.95   | 42.61                  | 16.65 | 6.80  | 1,805 |
| <b>C95 CRANES, TOWER</b>                                   |   |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | <b>SUBCATEGORY 0.00 CRANES, TOWER</b>       |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | <b>MORROW EQUIPMENT COMPANY, PECCO</b>      |         |  |                                |                   |                |                               |         |                        |       |       |       |
|  | C95AP001                                    | SK135   | STATIONARY , 7500# @ 170' HOOK R,W/7-S16<br>TOWER SECTIONS = 131' HOOK HEIGHT      | 110 HP                         | E                 | \$482,393      | 78.92                         | 18.97   | 21.44                  | 8.25  | 8.87  | 740   |
|  | C95AP002                                    | S16     | S16 OPTIONAL 14' 9.25" TOWER SECTION<br>(ADD TO SK135-2 CRANE FOR EACH<br>SECTION) |                                |                   | \$17,151       | 2.09                          | 0.67    | 0.76                   | 0.29  | 0.00  | 51    |
|  | C95AP003                                    |         | S16 TOP CLIMBING OPTION (ADD TO SK135-<br>2)                                       |                                |                   | \$73,389       | 8.99                          | 2.89    | 3.26                   | 1.26  | 0.00  | 118   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |        |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|--|--------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.   | MODEL  | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|            |  |        |   |                                |         |                |                               |         |                        |       |       |       |
| <b>C95</b> | <b>MORROW EQUIPMENT COMPANY, PECCO<br/>(continued)</b> |        |   |                                |         |                |                               |         |                        |       |       |       |
|            | C95AP004   | SK200  | STATIONARY, 10600# @ 181' HOOK R, W/S16 TOWER SECTIONS = 102' HOOK HEIGHT   | 160 HP                         | E       | \$660,667      | 107.36                        | 25.98   | 29.36                  | 11.30 | 12.90 | 883   |
|            | C95AP005   | S16    | OPTIONAL 14' 9.25" TOWER SECTION (ADD TO SK200 CRANE FOR EACH SECTION)  |                                |         | \$17,151       | 2.09                          | 0.67    | 0.76                   | 0.29  | 0.00  | 51    |
|            | C95AP006   |        | TOP CLIMBING OPTION (ADD TO SK200)  |                                |         | \$73,389       | 8.99                          | 2.89    | 3.26                   | 1.26  | 0.00  | 118   |
|            | C95AP007   | SK400  | STATIONARY, 18500# @ 245' HOOK R, WS35, TOWER SECTIONS = 115' HOOK HEIGHT   | 173 HP                         | E       | \$1,090,674    | 161.72                        | 42.89   | 48.47                  | 18.66 | 13.94 | 1,216 |
|            | C95AP008   | S35    | OPTIONAL 19' 4.25" TOWER SECTION (ADD TO SK400 CRANE FOR EACH SECTION)  |                                |         | \$35,767       | 4.38                          | 1.41    | 1.59                   | 0.61  | 0.00  | 84    |
|            | C95AP009   |        | TOP CLIMBING OPTION (ADD TO SK400)  |                                |         | \$121,056      | 14.82                         | 4.76    | 5.38                   | 2.07  | 0.00  | 223   |
|            | C95AP010   | SK560  | STATIONARY, 265' HOOK R, W/6-S60 TOWER SECTIONS = 115' HIGH   | 253 HP                         | E       | \$1,296,440    | 197.51                        | 50.99   | 57.62                  | 22.18 | 20.39 | 1,547 |
|            | C95AP011   | S-60   | OPTIONAL 19' 4.25" TOWER SECTION (ADD TO SK560 CRANE FOR EACH SECTION)  |                                |         | \$45,131       | 5.53                          | 1.77    | 2.01                   | 0.77  | 0.00  | 100   |
|            | C95AP012   |        | TOP CLIMBING OPTION (ADD TO SK560)  |                                |         | \$127,285      | 15.59                         | 5.01    | 5.66                   | 2.18  | 0.00  | 252   |
|            | C95AP013   | SN355  | STATIONARY R (L2), TOWER SECTIONS=169'HIGH, W/LUFFING BOOM,   | 253 HP                         | E       | \$1,380,915    | 207.84                        | 54.31   | 61.37                  | 23.62 | 20.39 | 2,152 |
|            | C95AP014   | SN35   | OPTIONAL 14' 9" TOWER SECTION (ADD TO SN355 CRANE FOR EACH SECTION)   |                                |         | \$36,845       | 4.51                          | 1.45    | 1.64                   | 0.63  | 0.00  | 84    |
|            | C95AP015   |        | TOP CLIMBING OPTION (ADD TO SN355)  |                                |         | \$117,312      | 14.36                         | 4.62    | 5.21                   | 2.01  | 0.00  | 159   |
|            | <b>MORROW EQUIPMENT COMPANY</b>                        |        |   |                                |         |                |                               |         |                        |       |       |       |
|            | C95LH003   | 132 HC | STATIONARY TOWER CRANE, 13 @ 8' 2" TOWER SECTIONS, 140' HOOK HEIGHT, 164' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 4,850#, MAXIMUM CAPACITY = 17,635#       | 101 HP                         | E       | \$516,913      | 79.64                         | 20.32   | 22.97                  | 8.84  | 8.14  | 950   |
|            | C95LH004   | 132 HC | INTERNAL CLIMBING TOWER CRANE, 9 @ 8' 2" TOWER SECTIONS, 100' HOOK HEIGHT, 164' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 4,850#, MAXIMUM CAPACITY = 17,635# | 101 HP                         | E       | \$548,618      | 83.53                         | 21.58   | 24.38                  | 9.39  | 8.14  | 801   |
|            | C95LH005   | 200 HC | STATIONARY TOWER CRANE, 9 @ 13' 7" TOWER SECTIONS, 163' HOOK HEIGHT, 197' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 5,070#, MAXIMUM CAPACITY = 22,045#       | 128 HP                         | E       | \$720,668      | 109.18                        | 28.34   | 32.03                  | 12.33 | 10.32 | 1,296 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                       |          |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|---|----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.  | MODEL    | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
| <b>C95</b> | <b>MORROW EQUIPMENT COMPANY<br/>(continued)</b> |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | C95LH006  | 200 HC   | INTERNAL CLIMBING TOWER CRANE, 9 @ 13' 7" TOWER SECTIONS, 147' HOOK HEIGHT, 197' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 5,070#, MAXIMUM CAPACITY = 22,045# | 129 HP                         | E       | \$811,556      | 120.43                        | 31.91   | 36.07                  | 13.88 | 10.40 | 1,207 |
|            | C95LH007  | 281 HC   | STATIONARY TOWER CRANE, 9 @ 13' 7" TOWER SECTIONS, 175' HOOK HEIGHT, 230' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,165#, MAXIMUM CAPACITY = 26,455#        | 129 HP                         | E       | \$949,253      | 137.30                        | 37.33   | 42.19                  | 16.24 | 10.40 | 1,654 |
|            | C95LH008  | 281 HC   | INTERNAL CLIMBING TOWER CRANE, 9 @ 13' 7" TOWER SECTIONS, 150' HOOK HEIGHT, 230' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 26,455# | 129 HP                         | E       | \$1,030,506    | 147.25                        | 40.53   | 45.80                  | 17.63 | 10.40 | 1,504 |
|            | C95LH009  | 290 HC   | STATIONARY TOWER CRANE, 10 @ 13' 7" TOWER SECTIONS, 188' HOOK HEIGHT, 230' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 26,455#       | 129 HP                         | E       | \$994,825      | 142.87                        | 39.13   | 44.21                  | 17.02 | 10.40 | 1,741 |
|            | C95LH010  | 290 HC   | INTERNAL CLIMBING TOWER CRANE, 9 @ 13' 7" TOWER SECTIONS, 150' HOOK HEIGHT, 230' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 26,455# | 129 HP                         | E       | \$1,054,610    | 150.19                        | 41.47   | 46.87                  | 18.04 | 10.40 | 1,516 |
|            | C95LH011  | 390 HC   | STATIONARY TOWER CRANE, 10 @ 19' TOWER SECTIONS, 199' HOOK HEIGHT, 246' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 35,275#          | 183 HP                         | E       | \$1,370,248    | 196.98                        | 53.89   | 60.90                  | 23.44 | 14.75 | 2,826 |
|            | C95LH012  | 390 HC   | INTERNAL CLIMBING TOWER CRANE, 9 @ 19' TOWER SECTIONS, 199' HOOK HEIGHT, 246' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 35,275#    | 183 HP                         | E       | \$1,583,541    | 223.10                        | 62.28   | 70.38                  | 27.09 | 14.75 | 2,397 |
|            | C95LH013  | 550 HC20 | STATIONARY TOWER CRANE, 12 @ 19' TOWER SECTIONS, 237' HOOK HEIGHT, 265' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 7,720#, MAXIMUM CAPACITY = 44,090#          | 189 HP                         | E       | \$1,605,472    | 226.58                        | 63.14   | 71.35                  | 27.47 | 15.23 | 3,248 |
|            | C95LH014  | 550 HC20 | INTERNAL CLIMBING TOWER CRANE, 9 @ 19' TOWER SECTIONS, 199' HOOK HEIGHT, 265' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 7,720#, MAXIMUM CAPACITY = 44,090#    | 170 HP                         | E       | \$1,726,758    | 238.91                        | 67.91   | 76.74                  | 29.54 | 13.70 | 2,848 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                       |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|---|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.  | MODEL    | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|            |   |          |   |                                |         |                |                               |         |                        |       |       |       |
| <b>C95</b> | <b>MORROW EQUIPMENT COMPANY<br/>(continued)</b> |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | C95LH015  | 550 HC-L | FREE STANDING LUFFING TOWER CRANE, 5 @ 19' TOWER SECTIONS, 191' HOOK HEIGHT, 197' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 15,000#, MAXIMUM CAPACITY = 70,550#  | 317 HP                         | E       | \$2,725,323    | 382.64                        | 107.19  | 121.13                 | 46.63 | 25.55 | 3,721 |
|            | C95LH016  | 550 HC-L | BOTTOM CLIMB LUFFING TOWER CRANE, 6 @ 19' TOWER SECTIONS, 187' HOOK HEIGHT, 197' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 15,000#, MAXIMUM CAPACITY = 70,550#   | 317 HP                         | E       | \$3,169,651    | 437.04                        | 124.66  | 140.87                 | 54.23 | 25.55 | 3,896 |
|            | C95LH017  | 24K      | SELF-ERECTING TOWER CRANE, 66' HOOK HEIGHT, 75' MAX HOOK RADIUS, CAPACITY AT MAX HOOK RAD = 1,875#, MAXIMUM CAPACITY = 3,860#                                     | 17 HP                          | E       | \$138,975      | 21.27                         | 5.47    | 6.18                   | 2.38  | 1.37  | 403   |
|            | C95LH018  | 30K      | SELF-ERECTING TOWER CRANE, 66' HOOK HEIGHT, 98' MAX HOOK RADIUS, CAPACITY AT MAX HOOK RAD = 1,935#, MAXIMUM CAPACITY = 6,615#                                     | 19 HP                          | E       | \$151,474      | 23.05                         | 5.96    | 6.73                   | 2.59  | 1.53  | 584   |
|            | C95LH019  | 66K      | SELF-ERECTING TOWER CRANE, 5 @ 7'10" TOWER SECTIONS, 105' HOOK HEIGHT, 131' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 3,040# MAXIMUM CAPACITY = 11,025#          | 33 HP                          | E       | \$357,990      | 50.20                         | 14.07   | 15.91                  | 6.12  | 2.66  | 1,085 |
|            | C95LH020  | 77K      | SELF-ERECTING TOWER CRANE, 5 @ 7'10" TOWER SECTIONS, 105' HOOK HEIGHT, 139' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 2,670#, MAXIMUM CAPACITY = 13,230#         | 35 HP                          | E       | \$302,787      | 43.71                         | 11.91   | 13.46                  | 5.18  | 2.82  | 1,249 |
|            | C95LH021  | 97K      | SELF-ERECTING TOWER CRANE, 5 @ 7'10" TOWER SECTIONS, 105' HOOK HEIGHT, 148' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 3,970#, MAXIMUM CAPACITY = 26,455#         | 35 HP                          | E       | \$386,340      | 53.93                         | 15.20   | 17.17                  | 6.61  | 2.82  | 1,593 |
|            | C95LH022  | 140K     | SELF-ERECTING TOWER CRANE STATION, 8 @ 9'10" TOWER SECTIONS, 146' HOOK HEIGHT, 180' MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 3,525#, MAXIMUM CAPACITY = 22,045# | 65 HP                          | E       | \$533,047      | 76.87                         | 20.97   | 23.69                  | 9.12  | 5.24  | 1,836 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |  |                       | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|--|--|-----------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.   | MODEL  | EQUIPMENT DESCRIPTION | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
| <b>D10</b> | <b>DRILLS,AIR/HYDRAULIC,CRWLR MTD,0" THRU 6.5" DIA HOLE</b>                  |  |                       |                                |         |                |                               |         |                        |      |       |     |
|            | <b>SUBCATEGORY 0.00 DRILLS,AIR/HYDRAULIC,CRWLR MTD,0" THRU 6.5" DIA HOLE</b> |  |                       |                                |         |                |                               |         |                        |      |       |     |
|            | <b>INGERSOLL-RAND CONSTRUCTION &amp; MINING</b>                              |  |                       |                                |         |                |                               |         |                        |      |       |     |
| D10IN004   | ECM490/YH70  | 2.5"-4" HOLE 15' DRIFTER TRAVEL, SELF CONTAINED                                | 185 HP                | D-off                          |         | \$315,761      | 79.86                         | 18.25   | 25.26                  | 5.62 | 6.37  | 235 |
| D10IN005   | ECM590/YH80A   | 2.5"-4.5" HOLE 14' DRIFTER TRAVEL, SELF CONTAINED                              | 215 HP                | D-off                          |         | \$362,637      | 91.84                         | 20.97   | 29.01                  | 6.46 | 7.40  | 245 |
| D10IN006   | ECM690/YH110V  | 3.5"-5" HOLE 14' DRIFTER TRAVEL, SELF CONTAINED                                | 310 HP                | D-off                          |         | \$364,633      | 96.74                         | 21.08   | 29.17                  | 6.49 | 10.68 | 395 |
| D10IN003   | ECM350/VL140   | 2.5"-4" HOLE 12' FEED (ADD COMPRESSOR)   | 750 CFM               | A                              |         | \$111,028      | 25.83                         | 6.42    | 8.88                   | 1.98 | 0.00  | 129 |
| D10IN002   | ECM350/VL671   | 3"-4" HOLE 12' FEED (ADD COMPRESSOR)   | 900 CFM               | A                              |         | \$123,999      | 28.80                         | 7.17    | 9.92                   | 2.21 | 0.00  | 131 |
|            | <b>REEDDRILL CORPORATION</b>   |  |                       |                                |         |                |                               |         |                        |      |       |     |
| D10RD001   | SCH250011  | 2.5"-3.5" HOLE, HYD DRIFTER, 12' CHANGE, DUST COLLECTOR, TRACK MOUNTED         | 180 HP                | D-off                          |         | \$219,696      | 57.98                         | 12.70   | 17.58                  | 3.91 | 6.20  | 200 |
| D10RD002   | SCH3000  | 2.5"-3.5" HOLE, HYD DRIFTER, 14' CHANGE, DUST COLLECTOR, TRACK MOUNTED         | 230 HP                | D-off                          |         | \$239,076      | 64.68                         | 13.82   | 19.13                  | 4.26 | 7.92  | 310 |
| D10RD003   | SCH4500  | 3.5"-5" HOLE, HYD DRIFTER, 20' CHANGE, 100' DEPTH, DUST COLLECTOR, TRACK MTD   | 285 HP                | D-off                          |         | \$380,721      | 99.21                         | 22.01   | 30.46                  | 6.78 | 9.82  | 370 |
| D10RD004   | SCH5000  | 3.5"-6.5" HOLE, HYD DRIFTER, 12' CHANGE, 72' DEPTH, DUST COLLECTOR, TRACK MTD  | 285 HP                | D-off                          |         | \$374,817      | 97.88                         | 21.67   | 29.99                  | 6.68 | 9.82  | 435 |
| D10RD005   | SCH5000CL  | 3.5"-6.5" HOLE, HYD DRIFTER, 20' CHANGE, 100' DEPTH, DUST COLLECTOR, TRACK MTD | 285 HP                | D-off                          |         | \$419,495      | 107.95                        | 24.25   | 33.56                  | 7.47 | 9.82  | 450 |
| D10RD006   | ATD3800S PR55A   | 3.5" HOLE, 12' CHAIN FEED, AIR TRACK, DUST CONTROL                             | 600 CFM               | A                              |         | \$90,779       | 21.26                         | 5.25    | 7.26                   | 1.62 | 0.00  | 92  |
| D10RD007   | ATD3800T PR55A   | 4" HOLE, 12' CHAIN FEED, AIR TRACK, TELESCOPIC BOOM, DUST CONTROL              | 750 CFM               | A                              |         | \$100,499      | 23.50                         | 5.81    | 8.04                   | 1.79 | 0.00  | 124 |
|            | <b>SULLIVAN INDUSTRIES, INC.</b>   |  |                       |                                |         |                |                               |         |                        |      |       |     |
| D10SU002   | RAM EXT, VCR36   | 2.5"-4" HOLE,12' FEED (ADD COMPRESSOR)   | 600 CFM               | A                              |         | \$106,307      | 24.77                         | 6.14    | 8.50                   | 1.89 | 0.00  | 149 |
| D10SU003   | RAM EXT, VCR36   | 3"-4" HOLE,12' FEED (ADD COMPRESSOR)   | 850 CFM               | A                              |         | \$110,048      | 25.61                         | 6.36    | 8.80                   | 1.96 | 0.00  | 205 |
| D10SU005   | SCORPION VCR3  | 5.2" HOLE, 14' FEED (INCLUDES COMPRESSOR)                                      | 260 HP                | D-off                          |         | \$177,005      | 52.07                         | 10.23   | 14.16                  | 3.15 | 8.95  | 200 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10   |               |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|--|---|---------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|  | ID.NO.  | MODEL         | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>D10</b>   | <b>SULLIVAN INDUSTRIES, INC. (continued)</b>                            |               |   |                                |         |                |                               |         |                        |      |      |     |
|  | D10SU006  | SCORPION VCR3 | 6.5" HOLE, 14' FEED (INCLUDES COMPRESSR)                                  | 260 HP                         | D-off   | \$177,005      | 52.07                         | 10.23   | 14.16                  | 3.15 | 8.95 | 200 |
| <b>D15 DRILLS, HORIZONTAL BORING &amp; GROUND PIERCING</b> |   |               |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SUBCATEGORY 0.00 DRILLS, HORIZONTAL BORING &amp; GROUND PIERCING</b> |               |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>BOR-IT MANUFACTURING COMPANY, INC.</b>                               |               |   |                                |         |                |                               |         |                        |      |      |     |
|  | D15BI001  | 16            | 16" DIA, COMBINATION HEAD, 27' TRACK, 30,000# THRUST, 100' AUGER TRACK    | 16 HP                          | G       | \$15,758       | 5.87                          | 0.91    | 1.26                   | 0.28 | 1.79 | 18  |
|  | D15BI002  | 20            | 20" DIA, COMBINATION HEAD, 27' TRACK, 44,000# THRUST, 100' AUGER TRACK    | 18 HP                          | G       | \$19,098       | 6.91                          | 1.11    | 1.53                   | 0.34 | 2.02 | 21  |
|  | D15BI003  | 24            | 24" DIA, COMBINATION HEAD, 30' TRACK, 84,000# THRUST, 100' AUGER TRACK    | 31 HP                          | D-off   | \$29,427       | 7.70                          | 1.70    | 2.35                   | 0.52 | 1.07 | 49  |
|  | D15BI004  | 30            | 30" DIA, COMBINATION HEAD, 30' TRACK, 170,000# THRUST, 100' AUGER TRACK   | 45 HP                          | D-off   | \$42,066       | 11.06                         | 2.44    | 3.37                   | 0.75 | 1.55 | 70  |
|  | D15BI005  | 36            | 36" DIA, COMBINATION HEAD, 30' TRACK, 225,000# THRUST, 100' AUGER TRACK   | 68 HP                          | D-off   | \$58,898       | 15.71                         | 3.41    | 4.71                   | 1.05 | 2.34 | 90  |
|  | D15BI006  | 48            | 48" DIA, COMBINATION HEAD, 32' TRACK, 525,000# THRUST, 100' AUGER TRACK   | 110 HP                         | D-off   | \$101,497      | 26.74                         | 5.87    | 8.12                   | 1.81 | 3.79 | 170 |
|  | D15BI008  | 54            | 54" DIA, COMBINATION HEAD, 32' TRACK, 700,000# THRUST, 100' AUGER TRACK   | 165 HP                         | D-off   | \$117,597      | 32.73                         | 6.79    | 9.41                   | 2.09 | 5.68 | 250 |
|  | D15BI007  | 60            | 60" DIA, COMBINATION HEAD, 32' TRACK, 1,100,000# THRUST, 100' AUGER TRACK | 165 HP                         | D-off   | \$139,166      | 37.32                         | 8.04    | 11.13                  | 2.48 | 5.68 | 250 |
|  | <b>UNDERGROUND EQUIPMENT &amp; SUPPLY</b>                               |               |   |                                |         |                |                               |         |                        |      |      |     |
|  | D15UE001  | 500-RTW       | 1"-6" DIA, HORIZ EARTH BORING MACHINE                                     | 6 HP                           | G       | \$4,109        | 1.82                          | 0.24    | 0.33                   | 0.07 | 0.67 | 2   |
| <b>D20 DRILLS, CORE, COLUMN MOUNTED</b>                    |   |               |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SUBCATEGORY 0.00 DRILLS, CORE, COLUMN MOUNTED</b>                    |               |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>ACKER DIVISION, CHRISTENSEN-BOYLES</b>                               |               |   |                                |         |                |                               |         |                        |      |      |     |
|  | D20AD002  | 930-E         | 10" DIA MAX CORE HOLE   | 2 HP                           | E       | \$3,904        | 1.56                          | 0.27    | 0.39                   | 0.07 | 0.20 | 2   |
|  | D20AD005  | 630-E         | 4" DIA MAX CORE HOLE  | 2 HP                           | E       | \$3,829        | 1.54                          | 0.26    | 0.38                   | 0.07 | 0.20 | 1   |
|  | D20AD006  | 1040-E        | 10" DIA MAX CORE HOLE   | 4 HP                           | E       | \$6,330        | 2.64                          | 0.44    | 0.63                   | 0.12 | 0.40 | 1   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |                |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL          | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>D20</b> | <b>ACKER DIVISION, CHRISTENSEN-BOYLES<br/>(continued)</b> |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | D20AD007  | 1200-G         | 12" DIA MAX CORE HOLE   | 8 HP                           | E       | \$10,462       | 4.71                          | 0.72    | 1.05                   | 0.19 | 0.79 | 3   |
|            | <b>CUSHION CUT</b>  |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | D20CQ001  | HCD24/12       | CORE DRILL WITH STAND, 9"-36" BIT DIA   | 42 HP                          | G       | \$23,093       | 13.02                         | 1.58    | 2.31                   | 0.42 | 4.70 | 11  |
|            | <b>CUSHION CUT DIVISION, BOART LONGYEAR</b>               |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | D20LY001  | 752            | DRILL, WITH E4-230/110 MOTOR (110V)   | 3 HP                           | E       | \$5,940        | 2.48                          | 0.40    | 0.59                   | 0.11 | 0.30 | 2   |
|            | D20LY002  | 42N            | DRILL, WITH A4-350 MOTOR (ADD COMPR)  | 185 CFM                        | A       | \$6,556        | 2.27                          | 0.45    | 0.66                   | 0.12 | 0.00 | 3   |
| <b>D25</b> | <b>DRILLS, CORE, SKID MOUNTED</b>                         |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 DRILLS, CORE, SKID MOUNTED</b>        |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>ACKER DIVISION, CHRISTENSEN-BOYLES</b>                 |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | D25AD003  | BUSH MASTER    | NX, 1500' MAX DRILL DEPTH   | 69 HP                          | D-off   | \$68,652       | 18.59                         | 3.96    | 5.49                   | 1.22 | 2.38 | 45  |
|            | D25AD004  | ACEW           | 725' MAX DRILL DEPTH  | 28 HP                          | D-off   | \$54,757       | 13.61                         | 3.17    | 4.38                   | 0.98 | 0.96 | 35  |
|            | <b>E-Z DRILL, INC.</b>                                    |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | D25EZ003  | 210 SRA        | HORIZONTAL DOWELLING ASSEMBLY<br>W/VERTICAL CONVERSION KIT, 18" MAX<br>(ADD 100 CFM COMPRESSOR. 5-9 PSI)                          |                                |         | \$7,339        | 2.16                          | 0.41    | 0.57                   | 0.13 | 0.00 | 3   |
|            | D25EZ001  | 210 SR HORIZON | HORIZONTAL DOWELLING ASSEMBLY WITH<br>DRILL DEPTH MAXIMUM 18" (ADD 100 CFM<br>COMPRESSOR, 18-25 PSI)                              |                                |         | \$6,988        | 2.07                          | 0.40    | 0.56                   | 0.12 | 0.00 | 3   |
|            | D25EZ004  | 210-3          | DOWELING MACHINE, SELF-PROPELLED<br>ASSEMBLY, DRILL DEPTH 18" MAX (ADD 100<br>CFM COMPRESSOR. 18-25 PSI)                          |                                |         | \$24,161       | 6.64                          | 1.38    | 1.90                   | 0.43 | 0.00 | 10  |
|            | D25EZ005  | 210-3 L&T      | DOWELING MACHINE, SELF-PROPELLED,<br>WITH LIFT AND TRAVEL ASSEMBLY, DRILL<br>DEPTH 18" MAX (ADD 100 CFM<br>COMPRESSOR. 18-25 PSI) |                                |         | \$26,263       | 7.17                          | 1.50    | 2.07                   | 0.47 | 0.00 | 12  |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                     |       |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|---|-------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.  | MODEL | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
| <b>D30</b> | <b>DRILLS, EARTH / AUGER</b>                  |       |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>SUBCATEGORY 0.00 DRILLS, EARTH / AUGER</b> |       |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>HYDRAULIC POWER SYSTEMS, INC.</b>          |       |  |                                |         |                |                               |         |                        |      |       |     |
| D30HD001   | H-15  |       | HYDRAULIC AUGER, W/60' 8" X 21" LEADS,<br>15,000 FT-LBS TORQUE (ADD CRANE)                           | 210 HP                         | D-off   | \$90,004       | 32.12                         | 5.20    | 7.20                   | 1.60 | 7.23  | 137 |
| D30HD002   | H-35VT  |       | HYDRAULIC AUGER, W/60' 8" X 27" LEADS,<br>33,000 FT-LBS TORQUE (ADD CRANE)                           | 270 HP                         | D-off   | \$134,026      | 45.87                         | 7.75    | 10.72                  | 2.39 | 9.30  | 163 |
| D30HD003   | H-50VT  |       | HYDRAULIC AUGER W/60' 10" X 38" LEADS,<br>50,000 FT-LBS TORQUE (ADD CRANE)                           | 335 HP                         | D-off   | \$187,073      | 61.87                         | 10.82   | 14.97                  | 3.33 | 11.54 | 291 |
|            | <b>MOBILE DRILLING COMPANY, INC.</b>          |       |  |                                |         |                |                               |         |                        |      |       |     |
| D30MR001   | MINUTEMAN                                     |       | DRILL W/AUGER KIT, 3" DIA, 30' DEPTH, 350<br>FT-LBS TORQUE, PORTABLE                                 | 8 HP                           | G       | \$6,456        | 2.72                          | 0.37    | 0.52                   | 0.11 | 0.90  | 4   |
| D30MR003   | B-31  |       | HYDRAULIC AUGER, 14" DIA, 30' DEPTH, 3,500<br>FT-LBS TORQUE, TRAILER MOUNTED                         | 95 HP                          | G       | \$30,857       | 21.97                         | 1.77    | 2.44                   | 0.55 | 10.64 | 42  |
| D30MR005   | B-53  |       | MULTI-PURPOSE, 6" DIA, 25' DEPTH, 5,955 FT-<br>LBS TORQUE, WITH 21,000 GVW TRUCK<br>(WITH PTO DRIVE) | 164 HP                         | G       | \$67,369       | 41.17                         | 3.85    | 5.30                   | 1.20 | 18.37 | 120 |
| D30MR006   | B-57  |       | MULTI-PURPOSE, 8" DIA, 250' DEPTH, 7,000 FT-<br>LBS TORQUE W/ 21,000 GVW TRUCK                       | 120 HP                         | G       | \$74,183       | 39.00                         | 4.25    | 5.85                   | 1.32 | 15.74 | 130 |
| D30MR007   | B-61HDX                                       |       | MULTI-PURPOSE, 8" DIA, 375' DEPTH, 8,900 FT-<br>LBS TORQUE W/ 44,300 GVW TRUCK                       | 126 HP                         | G       | \$125,570      | 52.55                         | 7.22    | 9.96                   | 2.24 | 17.13 | 205 |
|            | <b>REEDDRILL CORPORATION</b>                  |       |  |                                |         |                |                               |         |                        |      |       |     |
| D30RD001   | TEXOMA 270                                    |       | 4.5' MAX HOLE DIA, 20' DEPTH, (ADD 24,000<br>GVW TRUCK)  | 86 HP                          | G       | \$106,758      | 37.65                         | 6.17    | 8.54                   | 1.90 | 9.63  | 120 |
| D30RD004   | HDE ECONOMATI                                 |       | 4' MAX HOLE DIA, 25' DEPTH, (ADD 40-44,000<br>GVW TRUCK)   | 135 HP                         | G       | \$113,952      | 47.03                         | 6.59    | 9.12                   | 2.03 | 15.12 | 140 |
| D30RD002   | TEXOMA 330                                    |       | 6' MAX HOLE DIA, 25' DEPTH, (ADD 44-48,000<br>GVW TRUCK)   | 135 HP                         | G       | \$119,443      | 48.27                         | 6.91    | 9.56                   | 2.13 | 15.12 | 170 |
| D30RD003   | TEXOMA 500                                    |       | 6' MAX HOLE DIA, 35' DEPTH, (ADD 48-50,000<br>GVW TRUCK)   | 135 HP                         | G       | \$131,389      | 50.96                         | 7.59    | 10.51                  | 2.34 | 15.12 | 230 |
| D30RD005   | TEXOMA 800                                    |       | 8' MAX HOLE DIA, 90' DEPTH, (ADD 60,000<br>GVW TRUCK)  | 160 HP                         | D-off   | \$316,430      | 78.85                         | 18.29   | 25.31                  | 5.64 | 5.51  | 440 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |                |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |     |
|------------|--|----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|-----|
|            | ID.NO.   | MODEL          | EQUIPMENT DESCRIPTION                                 | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |     |
| <b>D30</b> | <b>REEDDRILL CORPORATION (continued)</b>                       |                |   |                                |         |                |                               |         |                        |       |       |       |     |
|            | D30RD007   | TEXOMA 700     | 6' MAX HOLE DIA, 60' DEPTH, CRAWLER MOUNTED           | 130 HP                         | D-off   | \$309,165      | 75.81                         | 17.88   | 24.73                  | 5.51  | 4.48  | 600   |     |
|            | D30RD006   | TEXOMA 800 T   | 8' MAX HOLE DIA, 90' DEPTH, CRAWLER MOUNTED           | 160 HP                         | D-off   | \$370,301      | 91.00                         | 21.41   | 29.62                  | 6.60  | 5.51  | 680   |     |
|            | D30RD008   | TEXOMA 900     | 8' MAX HOLE DIA, 120' DEPTH, CRAWLER MOUNTED          | 210 HP                         | D-off   | \$466,237      | 114.97                        | 26.95   | 37.30                  | 8.30  | 7.23  | 880   |     |
|            | D30RD009   | TEXOMA TAURU   | 10' MAX HOLE DIA, 120' DEPTH, CRAWLER MOUNTED         | 250 HP                         | D-off   | \$612,808      | 149.89                        | 35.42   | 49.02                  | 10.91 | 8.61  | 1,330 |     |
|            | D30RD010   | CM-100         | 8' MAX HOLE DIA, (ADD 100 TON LIFT CRANE MIN)         | 180 HP                         | D-off   | \$147,340      | 41.66                         | 8.52    | 11.79                  | 2.62  | 6.20  | 125   |     |
| <b>D35</b> | <b>DRILLS, ROTARY BLASTHOLE</b>                                |                |   |                                |         |                |                               |         |                        |       |       |       |     |
|            | <b>SUBCATEGORY 0.11 DIESEL, 4.5" THRU 9.875" DIAMETER HOLE</b> |                |   |                                |         |                |                               |         |                        |       |       |       |     |
|            | <b>INGERSOLL-RAND CONSTRUCTION &amp; MINING</b>                |                |   |                                |         |                |                               |         |                        |       |       |       |     |
|            | D35IN002   | T4-BH/HD       | 7.875" DRILLMASTER, TRUCK MOUNTED                     | 525 HP                         | D-off   | 260 HP D-on    | \$439,863                     | 103.82  | 20.09                  | 24.91 | 7.63  | 20.26 | 550 |
|            | D35IN007   | DM30/HP        | 5.125"-6.75" , 30,000 LB PULL-DOWN HIGH PRESSURE      | 450 HP                         | D-off   |                | \$435,268                     | 95.17   | 19.98                  | 24.87 | 7.55  | 15.50 | 620 |
|            | D35IN008   | DM45/LP        | 5.125"-7.875" , 45,000 LB PULL-DOWN LOW PRESSURE      | 450 HP                         | D-off   |                | \$462,134                     | 99.63   | 21.23                  | 26.41 | 8.02  | 15.50 | 720 |
|            | D35IN009   | DM45/HP        | 5.125"-7.875" , 45,000 LB PULL-DOWN HIGH PRESSURE     | 600 HP                         | D-off   |                | \$521,332                     | 117.12  | 23.95                  | 29.79 | 9.05  | 20.66 | 780 |
|            | D35IN010   | DM-L/LP        | 6"-9.875" , 45,000 LB BIT LOADING LOW PRESSURE        | 525 HP                         | D-off   |                | \$569,881                     | 121.32  | 26.17                  | 32.56 | 9.89  | 18.08 | 900 |
|            | D35IN011   | DM-L/HP        | 6"-9.875" , 60,000 LB BIT LOADING HIGH PRESSURE       | 600 HP                         | D-off   |                | \$599,802                     | 130.12  | 27.55                  | 34.27 | 10.41 | 20.66 | 980 |
|            | <b>REEDDRILL CORPORATION</b>                                   |                |   |                                |         |                |                               |         |                        |       |       |       |     |
|            | D35RD001   | SK5AD          | 4"-7" HOLE, 148' DEPTH, TRUCK MTD, ROTARY BLASTHOLE   | 400 HP                         | D-off   | 350 HP D-off   | \$318,721                     | 75.93   | 14.64                  | 18.21 | 5.53  | 15.54 | 525 |
|            | D35RD003   | SK35I          | 5"-9" HOLE, 150' DEPTH, TRUCK MTD, ROTARY BLASTHOLE   | 335 HP                         | D-off   | 270 HP D-off   | \$353,086                     | 77.70   | 16.22                  | 20.18 | 6.13  | 12.90 | 590 |
|            | D35RD002   | SK25I          | 5"-6.75" HOLE, 75' DEPTH, CRWLR MTD, ROTARY BLASTHOLE | 250 HP                         | D-off   | 228 HP D-off   | \$295,627                     | 63.51   | 13.57                  | 16.89 | 5.13  | 9.76  | 420 |
|            | D35RD004   | INFINITY SK40I | 5"-8" HOLE, 173' DEPTH, CRWLR MTD, ROTARY BLASTHOLE   | 430 HP                         | D-off   | 400 HP D-off   | \$441,816                     | 98.25   | 20.30                  | 25.25 | 7.67  | 16.83 | 880 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|--|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.   | MODEL          | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
| <b>D35</b> | <b>REEDDRILL CORPORATION (continued)</b>             |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | D35RD006   | INFINITY SK50I | 7"-9.875" HOLE, 178' DEPTH, CRWLR MTD, ROTARY BLASTHOLE              | 430 HP                         | D-off   | \$465,748      | 99.20                         | 21.38   | 26.61                  | 8.08  | 14.81 | 900   |
|            | D35RD008   | INFINITY SK60I | 7.5"-10.5" HOLE, 210' DEPTH, CWRLR MTD, ROTARY BLASTHOLE             | 525 HP                         | D-off   | \$539,146      | 116.23                        | 24.75   | 30.81                  | 9.35  | 18.08 | 1,110 |
|            | D35RD005   | INFINITY SK45I | 6"-9" HOLE, 178' DEPTH, LIGHT PRESSURE, CWRLR MTD, BLASTHOLE         | 525 HP                         | D-off   | \$482,308      | 106.81                        | 22.15   | 27.56                  | 8.37  | 18.08 | 900   |
|            | D35RD007   | INFINITY SK50I | 6.5"-9" HOLE, 178' DEPTH, HIGH PRESSURE, CWRLR MTD, ROTARY BLASTHOLE | 750 HP                         | D-off   | \$513,091      | 123.44                        | 23.56   | 29.32                  | 8.90  | 25.83 | 910   |
|            | <b>SUBCATEGORY 0.12 DIESEL, OVER 9.875" DIAMETER</b> |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>INGERSOLL-RAND CONSTRUCTION &amp; MINING</b>      |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | D35IN004   | T2W            | 6"-24", WATER WELL DRILL, TRUCK MOUNTED 30,000 LB PULL BACK          | 410 HP                         | D-off   | \$384,812      | 71.61                         | 15.06   | 16.96                  | 6.58  | 14.12 | 446   |
|            | D35IN005   | T3W            | 6"-18", WATER WELL DRILL, TRUCK MOUNTED 50,000 LB PULL BACK          | 465 HP                         | D-off   | \$456,708      | 83.80                         | 17.89   | 20.16                  | 7.81  | 16.01 | 600   |
|            | D35IN003   | TH-60          | 16" WATER WELL DRILL, TRUCK MOUNTED                                  | 475 HP                         | D-off   | \$434,878      | 81.27                         | 17.05   | 19.21                  | 7.44  | 16.36 | 460   |
|            | D35IN006   | T4W            | 6"-20", WATER WELL DRILL, TRUCK MOUNTED 70,000 LB PULL BACK          | 600 HP                         | D-off   | \$545,721      | 102.17                        | 21.40   | 24.12                  | 9.34  | 20.66 | 680   |
|            | <b>REEDDRILL CORPORATION</b>                         |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | D35RD009   | INFINITY SK75I | 9"-12" HOLE, 175' DEPTH,   | 750 HP                         | D-off   | \$723,365      | 132.28                        | 28.45   | 32.15                  | 12.38 | 25.83 | 1,200 |
| <b>F10</b> | <b>FORK LIFTS</b>                                    |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>SUBCATEGORY 0.00 FORK LIFTS</b>                   |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>CATERPILLAR, INC.</b>                             |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | F10CA001   | M25D           | 2500# @ 24" LOAD CENTER, 162" L-HT                                   | 18 HP                          | E       | \$24,557       | 7.06                          | 1.40    | 1.92                   | 0.44  | 1.45  | 65    |
|            | F10CA002   | 2EC15          | 3000# @ 24" LOAD CENTER, 190" L-HT                                   | 18 HP                          | E       | \$28,041       | 7.75                          | 1.60    | 2.19                   | 0.50  | 1.45  | 65    |
|            | F10CA025   | 2EC15          | 3000# @ 24" LOAD CENTER, 190" MAST                                   | 18 HP                          | E       | \$28,041       | 7.75                          | 1.60    | 2.19                   | 0.50  | 1.45  | 65    |
|            | F10CA027   | GC15           | 3000# @ 24" LOAD CENTER, 190" MAST                                   | 46 HP                          | G       | \$24,386       | 10.21                         | 1.40    | 1.93                   | 0.43  | 4.19  | 61    |
|            | F10CA026   | 2EC20          | 4000# @ 24" LOAD CENTER, 190" MAST                                   | 28 HP                          | E       | \$32,353       | 9.86                          | 1.84    | 2.53                   | 0.58  | 2.26  | 71    |
|            | F10CA028   | GC20           | 4000# @ 24" LOAD CENTER, 190" TRI-P MAST                             | 46 HP                          | G       | \$28,338       | 10.98                         | 1.62    | 2.24                   | 0.50  | 4.19  | 88    |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                            |        |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--------------------------------------|--------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                               | MODEL  | EQUIPMENT DESCRIPTION                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                                      |        |  |                                |         |                |                               |         |                        |      |      |     |
| <b>F10</b> | <b>CATERPILLAR, INC. (continued)</b> |        |  |                                |         |                |                               |         |                        |      |      |     |
|            | F10CA029                             | GC25   | 5000# @ 24" LOAD CENTER, 190" TRI-P MAST | 46 HP                          | G       | \$30,010       | 11.33                         | 1.70    | 2.33                   | 0.53 | 4.19 | 95  |
|            | F10CA004                             | 2EC25  | 5000# @ 24" LOAD CENTER, 190" MAST       | 28 HP                          | E       | \$34,097       | 10.19                         | 1.94    | 2.67                   | 0.61 | 2.26 | 95  |
|            | F10CA005                             | 2EC30  | 6000# @ 24" LOAD CENTER, 187" MAST       | 28 HP                          | E       | \$37,226       | 10.79                         | 2.12    | 2.92                   | 0.66 | 2.26 | 105 |
|            | F10CA030                             | GC30   | 6000# @ 24" LOAD CENTER, 187" MAST       | 63 HP                          | G       | \$36,304       | 14.55                         | 2.08    | 2.86                   | 0.65 | 5.73 | 117 |
|            | F10CA006                             | M70D   | 7000# @ 24" LOAD CENTER, 134" MAST       | 53 HP                          | E       | \$44,855       | 15.45                         | 2.55    | 3.50                   | 0.80 | 4.27 | 134 |
|            | F10CA031                             | GP35   | 7000# @ 24" LOAD CENTER, 187" MAST       | 57 HP                          | G       | \$43,566       | 15.26                         | 2.50    | 3.44                   | 0.78 | 5.19 | 125 |
|            | F10CA007                             | M80D   | 8000# @ 24" LOAD CENTER, 134" MAST       | 53 HP                          | E       | \$46,805       | 15.82                         | 2.66    | 3.66                   | 0.83 | 4.27 | 142 |
|            | F10CA032                             | GP40   | 8000# @ 24" LOAD CENTER, 187" MAST       | 63 HP                          | G       | \$45,875       | 16.41                         | 2.63    | 3.63                   | 0.82 | 5.73 | 131 |
|            | F10CA008                             | M100D  | 10000# @ 24" LOAD CENTER, 134" MAST      | 53 HP                          | E       | \$48,733       | 16.21                         | 2.79    | 3.83                   | 0.87 | 4.27 | 160 |
|            | F10CA033                             | DP50   | 11000# @ 24" LOAD CENTER, 187" MAST      | 66 HP                          | D-off   | \$57,740       | 13.61                         | 3.29    | 4.53                   | 1.03 | 1.83 | 180 |
|            | F10CA034                             | DP70   | 15500# @ 24" LOAD CENTER, 140" MAST      | 70 HP                          | D-off   | \$64,843       | 15.13                         | 3.70    | 5.10                   | 1.15 | 1.94 | 201 |
|            | F10CA035                             | DP80   | 17500# @ 24" LOAD CENTER, 140" MAST      | 125 HP                         | D-off   | \$88,626       | 21.76                         | 5.05    | 6.94                   | 1.58 | 3.46 | 250 |
|            | F10CA036                             | DP90   | 20000# @ 24" LOAD CENTER, 141" MAST      | 125 HP                         | D-off   | \$95,172       | 23.03                         | 5.43    | 7.46                   | 1.70 | 3.46 | 273 |
|            | F10CA037                             | DP115  | 25000# @ 24" LOAD CENTER, 141" MAST      | 125 HP                         | D-off   | \$101,834      | 24.33                         | 5.78    | 7.94                   | 1.81 | 3.46 | 342 |
|            | F10CA038                             | DP135  | 30000# @ 24" LOAD CENTER, 141" MAST      | 125 HP                         | D-off   | \$107,223      | 25.41                         | 6.08    | 8.33                   | 1.91 | 3.46 | 372 |
|            | F10CA021                             | R40D   | 4000# @ 24" LOAD CENTER, R/T 168" L-HT   | 68 HP                          | D-off   | \$43,985       | 11.07                         | 2.45    | 3.33                   | 0.78 | 1.88 | 107 |
|            | F10CA022                             | R50D   | 5000# @ 24" LOAD CENTER, R/T 168" L-HT   | 68 HP                          | D-off   | \$49,252       | 12.09                         | 2.75    | 3.75                   | 0.88 | 1.88 | 112 |
|            | F10CA023                             | R60D   | 6000# @ 24" LOAD CENTER, R/T 240" L-HT   | 68 HP                          | D-off   | \$53,284       | 12.87                         | 2.99    | 4.07                   | 0.95 | 1.88 | 127 |
|            | F10CA024                             | R80D   | 8000# @ 24" LOAD CENTER, R/T 192" L-HT   | 68 HP                          | D-off   | \$55,167       | 13.23                         | 3.06    | 4.15                   | 0.98 | 1.88 | 138 |
|            | <b>HYSTER AMERICA (Lift Trucks)</b>  |        |  |                                |         |                |                               |         |                        |      |      |     |
|            | F10HY001                             | H30XL  | 3000# @ 24" LOAD CENTER, 129" L-HT       | 46 HP                          | G       | \$21,507       | 9.65                          | 1.22    | 1.68                   | 0.38 | 4.19 | 58  |
|            | F10HY002                             | H60XL  | 6000# @ 24" LOAD CENTER, 124" L-HT       | 94 HP                          | G       | \$38,633       | 18.69                         | 2.21    | 3.03                   | 0.69 | 8.55 | 91  |
|            | F10HY003                             | H110XL | 11000# @ 24" LOAD CENTER, 136" L-HT      | 94 HP                          | G       | \$46,538       | 20.21                         | 2.67    | 3.69                   | 0.83 | 8.55 | 147 |
|            | F10HY004                             | H155XL | 15500# @ 24" LOAD CENTER, 212" L-HT      | 94 HP                          | G       | \$59,813       | 22.83                         | 3.40    | 4.66                   | 1.07 | 8.55 | 190 |
|            | F10HY005                             | H210XL | 21000# @ 24" LOAD CENTER, 212" L-HT      | 127 HP                         | D-off   | \$83,188       | 20.77                         | 4.73    | 6.50                   | 1.48 | 3.52 | 291 |
|            | F10HY006                             | H250XL | 25000# @ 24" LOAD CENTER, 212" L-HT      | 127 HP                         | D-off   | \$91,182       | 22.37                         | 5.14    | 7.04                   | 1.62 | 3.52 | 316 |
|            | F10HY007                             | H300XL | 30000# @ 24" LOAD CENTER, 208" L-HT      | 127 HP                         | D-off   | \$93,290       | 22.76                         | 5.29    | 7.26                   | 1.66 | 3.52 | 367 |
|            | F10HY008                             | H440FS | 47000# @ 48" LOAD CENTER, 220" L-HT      | 215 HP                         | D-off   | \$210,776      | 48.83                         | 11.96   | 16.42                  | 3.75 | 5.96 | 636 |
|            | <b>JCB</b>                           |        |  |                                |         |                |                               |         |                        |      |      |     |
|            | F10JC001                             | 930    | 6000#, ROUGH TERRAIN, 4X4, 264" MAST-HT  | 75 HP                          | D-off   | \$53,484       | 13.17                         | 2.99    | 4.07                   | 0.95 | 2.08 | 148 |

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

| CAT        | REGION 10  |                 |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|--|-----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.   | MODEL           | EQUIPMENT DESCRIPTION                   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |  |                 |   |                                |         |                |                               |         |                        |      |       |     |
| <b>F10</b> | <i>JCB (continued)</i>                                     |                 |   |                                |         |                |                               |         |                        |      |       |     |
|            | F10JC002   | 940             | 8000#, ROUGH TERRAIN, 4X4, 264" MAST-HT | 75 HP                          | D-off   | \$61,312       | 14.69                         | 3.44    | 4.69                   | 1.09 | 2.08  | 162 |
| <b>G10</b> | <b>GENERATOR SETS</b>                                      |                 |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>SUBCATEGORY 0.10 PORTABLE</b>                           |                 |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>HOMELITE COMPANY, SUBSIDIARY OF DEERE &amp; COMPANY</b> |                 |   |                                |         |                |                               |         |                        |      |       |     |
|            | G10HO005   | LR2500          | 2.5 KW, 120/240V                        | 5 HP                           | G       | \$630          | 0.74                          | 0.05    | 0.07                   | 0.01 | 0.46  | 1   |
|            | G10HO006   | LR4400          | 4.4 KW, 120/240V                        | 8 HP                           | G       | \$778          | 1.11                          | 0.05    | 0.08                   | 0.01 | 0.73  | 2   |
|            | G10HO007   | LR5500          | 5.5 KW, 120/240V                        | 11 HP                          | G       | \$942          | 1.52                          | 0.07    | 0.10                   | 0.02 | 1.00  | 2   |
|            | <b>KOHLER COMPANY</b>                                      |                 |   |                                |         |                |                               |         |                        |      |       |     |
|            | G10KH004   | 4MM65           | 3.5 KW, 120/240V                        | 8 HP                           | G       | \$1,612        | 1.30                          | 0.12    | 0.17                   | 0.03 | 0.73  | 2   |
|            | G10KH005   | 6MM65           | 5.0 KW, 120/240V                        | 12 HP                          | G       | \$1,969        | 1.85                          | 0.14    | 0.21                   | 0.03 | 1.09  | 2   |
|            | <b>ONAN CORPORATION</b>                                    |                 |   |                                |         |                |                               |         |                        |      |       |     |
|            | G10ON001   | 2.5EGH-AA/28018 | 2.5 KW, 120/240V                        | 6 HP                           | G       | \$1,266        | 0.99                          | 0.09    | 0.13                   | 0.02 | 0.55  | 1   |
|            | G10ON002   | 4.0EGH-AB/38018 | 4.0 KW, 120/240V                        | 9 HP                           | G       | \$1,711        | 1.44                          | 0.12    | 0.18                   | 0.03 | 0.82  | 1   |
|            | G10ON003   | 5.0EGH-AB/3801  | 5.0 KW, 120/240V                        | 14 HP                          | G       | \$2,113        | 2.11                          | 0.15    | 0.22                   | 0.04 | 1.27  | 2   |
|            | <b>SUBCATEGORY 0.20 SKID MOUNTED</b>                       |                 |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>CATERPILLAR, INC.</b>                                   |                 |   |                                |         |                |                               |         |                        |      |       |     |
|            | G10CA001   | 3304/PA5012     | 113 KW, 240/480V, 60 HZ, PGS PRIME SKID | 174 HP                         | D-off   | \$23,699       | 10.73                         | 1.41    | 2.01                   | 0.41 | 4.82  | 37  |
|            | G10CA003   | 3306/CA0310     | 205 KVA, 400V, 50 HZ PGS PRIME SKID     | 269 HP                         | D-off   | \$29,739       | 15.33                         | 1.77    | 2.53                   | 0.51 | 7.46  | 52  |
|            | G10CA002   | 3306/CA0548     | 210 KW, 240, 60 HZ, PGS PRIME SKID      | 307 HP                         | D-off   | \$29,697       | 16.68                         | 1.77    | 2.52                   | 0.51 | 8.51  | 50  |
|            | G10CA004   | 3406/CA0323     | 275 KVA, 400V, 50 HZ PGS PRIME SKID     | 475 HP                         | D-off   | \$37,124       | 24.18                         | 2.22    | 3.16                   | 0.64 | 13.17 | 68  |
|            | G10CA005   | 3406/CA0332     | 275 KW, 380V, 60 HZ PGS PRIME SKID      | 368 HP                         | D-off   | \$39,298       | 20.70                         | 2.35    | 3.34                   | 0.68 | 10.20 | 68  |
|            | G10CA006   | 3408/PA4982     | 365 EKW, 240/480V, 60 HZ PGS PRIME SKID | 536 HP                         | D-off   | \$56,895       | 30.09                         | 3.40    | 4.84                   | 0.98 | 14.86 | 88  |
|            | G10CA007   | 3412/PA5001     | 455 EKW, 240/480V, 60 HZ PGS PRIME SKID | 665 HP                         | D-off   | \$68,587       | 36.94                         | 4.09    | 5.83                   | 1.18 | 18.43 | 93  |
|            | G10CA008   | 3412/PA5927     | 545 EKW, 240/480V, 60 HZ PGS PRIME SKID | 813 HP                         | D-off   | \$85,686       | 45.52                         | 5.12    | 7.28                   | 1.48 | 22.54 | 100 |
|            | G10CA009   | 3508/LA0553     | 680 EKW, 240/480V, 60 HZ PGS PRIME SKID | 963 HP                         | D-off   | \$125,864      | 58.48                         | 7.52    | 10.70                  | 2.17 | 26.69 | 181 |
|            | G10CA010   | 3512/LA0543     | 910 EKW, 240/480V, 60 HZ PGS PRIME SKID | 1,325 HP                       | D-off   | \$155,831      | 77.23                         | 9.31    | 13.25                  | 2.69 | 36.73 | 225 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                              |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|--|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                                 | MODEL          | EQUIPMENT DESCRIPTION                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |  |                |  |                                |         |                |                               |         |                        |      |       |     |
| <b>G10</b> | <b>CATERPILLAR, INC. (continued)</b>   |                |  |                                |         |                |                               |         |                        |      |       |     |
|            | G10CA011                               | 3516/LA0531    | 1275 EKW, 480V, 60 HZ PGS PRIME SKID     | 1,830 HP                       | D-off   | \$232,749      | 109.92                        | 13.90   | 19.78                  | 4.01 | 50.73 | 278 |
|            | <b>ONAN CORPORATION</b>                |                |  |                                |         |                |                               |         |                        |      |       |     |
|            | G10ON009                               | 6.0HDKAS/11477 | 6 KW, RECONNECTIBLE                      | 12 HP                          | D-off   | \$7,318        | 1.80                          | 0.44    | 0.62                   | 0.13 | 0.33  | 5   |
|            | G10ON005                               | 6.5NAD-FB/1    | 10.3 KW, 120/240V                        | 14 HP                          | G       | \$4,332        | 2.47                          | 0.26    | 0.37                   | 0.07 | 1.27  | 2   |
|            | G10ON006                               | 7.0GNAA        | 7 KW, 120/240V                           | 15 HP                          | G       | \$7,589        | 3.22                          | 0.46    | 0.65                   | 0.13 | 1.37  | 7   |
|            | G10ON007                               | 7.5DHDKAL/H475 | 7.5 KW, 120/240V                         | 13 HP                          | D-off   | \$7,483        | 1.88                          | 0.45    | 0.64                   | 0.13 | 0.36  | 5   |
|            | G10ON010                               | 11.5DNAD       | 11.5 KW, 120/240V                        | 21 HP                          | D-off   | \$8,576        | 2.37                          | 0.52    | 0.73                   | 0.15 | 0.58  | 7   |
|            | G10ON011                               | 15DKAC         | 15 KW, DUAL PHASE                        | 24 HP                          | D-off   | \$11,681       | 3.06                          | 0.70    | 0.99                   | 0.20 | 0.67  | 12  |
|            | G10ON012                               | 20DKAE         | 20 KW, RECONNECTIBLE                     | 33 HP                          | D-off   | \$12,100       | 3.46                          | 0.72    | 1.03                   | 0.21 | 0.91  | 12  |
|            | G10ON013                               | 35DGBB         | 35 KW, RECONNECTIBLE                     | 68 HP                          | D-off   | \$13,543       | 4.99                          | 0.80    | 1.15                   | 0.23 | 1.88  | 17  |
|            | G10ON014                               | 40.0DGBC       | 40 KW, RECONNECTIBLE                     | 68 HP                          | D-off   | \$14,301       | 5.15                          | 0.86    | 1.22                   | 0.25 | 1.88  | 17  |
|            | G10ON015                               | 50.0DGCA       | 50 KW, RECONNECTIBLE                     | 86 HP                          | D-off   | \$15,813       | 6.06                          | 0.94    | 1.34                   | 0.27 | 2.38  | 17  |
|            | G10ON016                               | 60.0DGCB       | 60 KW, RECONNECTIBLE                     | 102 HP                         | D-off   | \$17,029       | 6.89                          | 1.01    | 1.45                   | 0.29 | 2.83  | 17  |
|            | G10ON017                               | 80.0DGDA       | 80 KW, RECONNECTIBLE                     | 135 HP                         | D-off   | \$19,351       | 8.50                          | 1.15    | 1.64                   | 0.33 | 3.74  | 27  |
|            | G10ON018                               | 100.0DGDB      | 100 KW, RECONNECTIBLE                    | 166 HP                         | D-off   | \$22,263       | 10.18                         | 1.33    | 1.89                   | 0.38 | 4.60  | 27  |
|            | G10ON019                               | 125.0DGEA      | 125 KW, RECONNECTIBLE                    | 207 HP                         | D-off   | \$25,159       | 12.22                         | 1.50    | 2.14                   | 0.43 | 5.74  | 34  |
|            | G10ON020                               | 150.0DGFA      | 150 KW, RECONNECTIBLE                    | 277 HP                         | D-off   | \$29,270       | 15.52                         | 1.75    | 2.49                   | 0.50 | 7.68  | 34  |
| <b>G15</b> | <b>GRADERS, MOTOR</b>                  |                |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>SUBCATEGORY 0.00 GRADERS, MOTOR</b> |                |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>CATERPILLAR, INC.</b>               |                |  |                                |         |                |                               |         |                        |      |       |     |
|            | G15CA001                               | 120-H          | ARTICULATED FRAME, POWERSHIFT NA VERSION | 125 HP                         | D-off   | \$174,406      | 28.70                         | 7.72    | 9.19                   | 3.13 | 3.25  | 290 |
|            | G15CA007                               | 135-H          | ARTICULATED FRAME, POWERSHIFT NA VERSION | 135 HP                         | D-off   | \$186,584      | 30.75                         | 8.27    | 9.84                   | 3.35 | 3.52  | 400 |
|            | G15CA003                               | 12-H           | ARTICULATED FRAME, POWERSHIFT NA VERSION | 140 HP                         | D-off   | \$203,330      | 33.22                         | 9.02    | 10.74                  | 3.65 | 3.65  | 330 |
|            | G15CA004                               | 140-H          | ARTICULATED FRAME, POWERSHIFT NA VERSION | 150 HP                         | D-off   | \$216,464      | 35.42                         | 9.60    | 11.42                  | 3.89 | 3.91  | 340 |
|            | G15CA008                               | 143-H          | ARTICULATED FRAME, AWD, NA VERSION       | 150 HP                         | D-off   | \$250,955      | 40.17                         | 11.15   | 13.27                  | 4.51 | 3.91  | 340 |
|            | G15CA010                               | 163-H          | ARTICULATED FRAME, AWD, NA VERSION       | 180 HP                         | D-off   | \$271,395      | 44.09                         | 12.06   | 14.36                  | 4.88 | 4.69  | 379 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                       |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL          | EQUIPMENT DESCRIPTION                              | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |   |                |  |                                |         |                |                               |         |                        |      |      |     |
| <b>G15</b> | <b>CATERPILLAR, INC. (continued)</b>            |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | G15CA009  | 160-H          | ARTICULATED FRAME, POWERSHIFT NA VERSION           | 200 HP                         | D-off   | \$234,558      | 39.77                         | 10.41   | 12.39                  | 4.22 | 5.21 | 358 |
|            | G15CA005  | 14-H           | ARTICULATED FRAME, POWERSHIFT STANDARD VERSION     | 215 HP                         | D-off   | \$300,758      | 49.75                         | 13.25   | 15.69                  | 5.41 | 5.60 | 441 |
|            | G15CA006  | 16-H           | ARTICULATED FRAME, POWERSHIFT STANDARD VERSION     | 275 HP                         | D-off   | \$439,386      | 71.40                         | 19.30   | 22.79                  | 7.90 | 7.16 | 581 |
|            | <b>CHAMPION ROAD MACHINERY INTERNATIONAL</b>    |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | G15CH001  | 710A           | ARTICULATED FRAME, POWERSHIFT                      | 140 HP                         | D-off   | \$161,284      | 27.62                         | 7.10    | 8.40                   | 2.90 | 3.65 | 319 |
|            | G15CH002  | 720A           | ARTICULATED FRAME                                  | 160 HP                         | D-off   | \$183,159      | 31.26                         | 8.11    | 9.63                   | 3.29 | 4.17 | 336 |
|            | G15CH003  | 730A           | ARTICULATED FRAME                                  | 195 HP                         | D-off   | \$193,865      | 34.03                         | 8.59    | 10.21                  | 3.48 | 5.08 | 358 |
|            | G15CH004  | 740A           | ARTICULATED FRAME                                  | 210 HP                         | D-off   | \$213,011      | 37.20                         | 9.45    | 11.23                  | 3.83 | 5.47 | 366 |
|            | G15CH005  | 750A           | ARTICULATED FRAME                                  | 210 HP                         | D-off   | \$241,079      | 41.42                         | 10.57   | 12.49                  | 4.33 | 5.47 | 420 |
|            | G15CH006  | 780A           | ARTICULATED FRAME                                  | 210 HP                         | D-off   | \$253,524      | 43.13                         | 11.14   | 13.16                  | 4.56 | 5.47 | 441 |
|            | G15CH007  | 710R           | RIGID FRAME  | 140 HP                         | D-off   | \$152,276      | 26.40                         | 6.70    | 7.92                   | 2.74 | 3.65 | 319 |
|            | G15CH008  | 720R           | RIGID FRAME  | 160 HP                         | D-off   | \$168,204      | 29.22                         | 7.44    | 8.83                   | 3.02 | 4.17 | 336 |
|            | G15CH009  | 730R           | RIGID FRAME  | 195 HP                         | D-off   | \$178,429      | 31.93                         | 7.90    | 9.38                   | 3.21 | 5.08 | 358 |
|            | G15CH010  | 740R           | RIGID FRAME  | 210 HP                         | D-off   | \$201,147      | 35.59                         | 8.92    | 10.60                  | 3.62 | 5.47 | 367 |
|            | <b>FIATALLIS</b>                                |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | G15FI001  | FG75A SERIES B | ARTICULATED FRAME, POWERSHIFT                      | 135 HP                         | D-off   | \$129,905      | 23.01                         | 5.73    | 6.80                   | 2.33 | 3.52 | 331 |
|            | G15FI002  | FG85A SERIES B | ARTICULATED FRAME, POWERSHIFT                      | 162 HP                         | D-off   | \$133,436      | 24.54                         | 5.88    | 6.97                   | 2.40 | 4.22 | 370 |
|            | G15FI003  | FG105A SERIES  | ARTICULATED FRAME, POWERSHIFT                      | 196 HP                         | D-off   | \$153,045      | 28.61                         | 6.72    | 7.95                   | 2.75 | 5.10 | 399 |
|            | <b>GALION DIVISION, KOMATSO DRESSER COMPANY</b> |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | G15GI002  | 830            | ARTICULATED FRAME, POWERSHIFT                      | 144 HP                         | D-off   | \$172,484      | 29.15                         | 7.64    | 9.08                   | 3.10 | 3.75 | 268 |
|            | G15GI004  | 850            | ARTICULATED FRAME, POWERSHIFT                      | 166 HP                         | D-off   | \$186,632      | 32.26                         | 8.17    | 9.63                   | 3.35 | 4.32 | 291 |
|            | G15GI006  | 870            | ARTICULATED FRAME, POWERSHIFT                      | 204 HP                         | D-off   | \$196,789      | 35.07                         | 8.63    | 10.17                  | 3.54 | 5.31 | 314 |
|            | <b>DEERE &amp; COMPANY</b>                      |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | G15JD002  | 670B           | ARTICULATED FRAME, POWERSHIFT, W/ RIPPER/SCARIFIER | 135 HP                         | D-off   | \$176,552      | 29.68                         | 7.73    | 9.12                   | 3.17 | 3.52 | 286 |
|            | G15JD003  | 672B           | ARTICULATED FRAME, POWERSHIFT W/ RIPPER/SCARIFIER  | 135 HP                         | D-off   | \$206,673      | 33.78                         | 9.07    | 10.73                  | 3.71 | 3.52 | 289 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |            |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL      | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |            |   |                                |         |                |                               |         |                        |      |      |     |
| <b>G15</b> | <b>DEERE &amp; COMPANY (continued)</b>                       |            |   |                                |         |                |                               |         |                        |      |      |     |
|            | G15JD004   | 770B       | ARTICULATED FRAME, POWERSHIFT W/<br>RIPPER/SCARIFIER  | 155 HP                         | D-off   | \$200,212      | 33.65                         | 8.79    | 10.38                  | 3.60 | 4.04 | 295 |
|            | G15JD006   | 770BH      | ARTICULATED FRAME, POWERSHIFT   | 170 HP                         | D-off   | \$201,863      | 34.43                         | 8.87    | 10.47                  | 3.63 | 4.43 | 296 |
|            | G15JD007   | 772BH      | ARTICULATED FRAME, POWERSHIFT   | 170 HP                         | D-off   | \$230,148      | 38.30                         | 10.14   | 11.99                  | 4.14 | 4.43 | 296 |
|            | <b>KOMATSU DRESSER COMPANY</b>                               |            |   |                                |         |                |                               |         |                        |      |      |     |
|            | G15KM001   | GD 525A-1C | ARTICULATED FRAME   | 135 HP                         | D-off   | \$240,432      | 38.39                         | 10.59   | 12.54                  | 4.32 | 3.52 | 279 |
|            | G15KM003   | GD 625A-1C | ARTICULATED FRAME   | 155 HP                         | D-off   | \$282,169      | 44.58                         | 12.54   | 14.94                  | 5.07 | 4.04 | 313 |
|            | G15KM004   | GD 725A-1  | ARTICULATED FRAME   | 200 HP                         | D-off   | \$372,867      | 59.02                         | 16.48   | 19.55                  | 6.70 | 5.21 | 409 |
| <b>H10</b> | <b>HAMMERS, HYDRAULIC (DEMOLITION TOOL)</b>                  |            |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 HAMMERS, HYDRAULIC (DEMOLITION TOOL)</b> |            |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>NPK CONSTRUCTION EQUIPMENT</b>                            |            |   |                                |         |                |                               |         |                        |      |      |     |
|            | H10NP001   | H-06X      | HAMMER, IMPACT ENERGY, 150 FT-LBS WITH<br>H-06X DEMOLITION TOOL (ADD 150-250 HP<br>HYD EXCAVATOR) |                                |         | \$5,612        | 2.56                          | 0.48    | 0.75                   | 0.11 | 0.00 | 2   |
|            | H10NP002   | H-08X      | HAMMER, IMPACT ENERGY, 200 FT-LBS WITH<br>H-08X DEMOLITION TOOL (ADD 60-75 HP HYD<br>EXCAVATOR)   |                                |         | \$6,206        | 2.77                          | 0.53    | 0.83                   | 0.12 | 0.00 | 2   |
|            | H10NP003   | H-1XA      | HAMMER, IMPACT ENERGY, 300 FT-LBS WITH<br>H-1AX DEMOLITION TOOL (ADD 60-75 HP HYD<br>EXCAVATOR)   |                                |         | \$7,253        | 3.41                          | 0.63    | 0.97                   | 0.14 | 0.00 | 4   |
|            | H10NP004   | H-2XA      | HAMMER, IMPACT ENERGY, 500 FT-LBS WITH<br>H-2AX DEMOLITION TOOL (ADD 60-75 HP HYD<br>EXCAVATOR)   |                                |         | \$10,091       | 4.44                          | 0.86    | 1.35                   | 0.19 | 0.00 | 6   |
|            | H10NP005   | H-3XA      | HAMMER, IMPACT ENERGY, 750 FT-LBS WITH<br>H-3AX DEMOLITION TOOL (ADD 75-100 HP<br>HYD EXCAVATOR)  |                                |         | \$14,315       | 6.23                          | 1.23    | 1.91                   | 0.27 | 0.00 | 9   |
|            | H10NP006   | H-4XE      | HAMMER, IMPACT ENERGY 1,000 FT-LBS<br>WITH H-4XE DEMOLITION TOOL (ADD 95-125<br>HP HYD EXCAVATOR) |                                |         | \$19,811       | 8.24                          | 1.69    | 2.64                   | 0.37 | 0.00 | 12  |
|            | H10NP007   | H-6XA      | HAMMER, IMPACT ENERGY 1,250 FT-LBS<br>WITH H-6XA DEMOLITION TOOL (ADD 95-125<br>HP HYD EXCAVATOR) |                                |         | \$25,659       | 10.37                         | 2.19    | 3.42                   | 0.48 | 0.00 | 15  |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                                     | REGION 10   |            |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|---|---|------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|   | ID.NO.  | MODEL      | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|   |   |            |  |                                |         |                |                               |         |                        |      |      |     |
| <b>H10</b>                              | <b>NPK CONSTRUCTION EQUIPMENT<br/>(continued)</b>                     |            |  |                                |         |                |                               |         |                        |      |      |     |
|   | H10NP008  | H-7X       | HAMMER, IMPACT ENERGY, 1500 FT-LBS WITH H-7X DEMOLITION TOOL (ADD 95-125 HP HYD EXCAVATOR)     |                                |         | \$29,276       | 11.95                         | 2.50    | 3.90                   | 0.55 | 0.00 | 18  |
|   | H10NP009  | H-8XA      | HAMMER, IMPACT ENERGY, 2,000 FT-LBS WITH H-8AX DEMOLITION TOOL (ADD 95-125 HP HYD EXCAVATOR)   |                                |         | \$36,565       | 14.62                         | 3.13    | 4.88                   | 0.69 | 0.00 | 24  |
|   | H10NP010  | H-10XB     | HAMMER, IMPACT ENERGY, 3000 FT-LBS WITH H-10XB DEMOLITION TOOL (ADD 95-125 HP HYD EXCAVATOR)   |                                |         | \$44,884       | 17.91                         | 3.84    | 5.98                   | 0.85 | 0.00 | 35  |
|   | H10NP011  | H-12X      | HAMMER, IMPACT ENERGY, 4,000 FT-LBS WITH H-12X DEMOLITION TOOL (ADD 125 HP HYD EXCAVATOR)      |                                |         | \$53,482       | 21.55                         | 4.58    | 7.13                   | 1.01 | 0.00 | 46  |
|   | H10NP012  | H-16X      | HAMMER, IMPACT ENERGY, 5,000 FT-LBS WITH H-16X DEMOLITION TOOL (ADD 150-250 HP HYD EXCAVATOR)  |                                |         | \$63,517       | 25.72                         | 5.44    | 8.47                   | 1.20 | 0.00 | 59  |
|   | H10NP013  | H-20X      | HAMMER, IMPACT ENERGY, 6000 FT-LBS WITH H-20X DEMOLITION TOOL (ADD 245-425 HP HYD EXCAVATOR)   |                                |         | \$86,753       | 34.72                         | 7.42    | 11.57                  | 1.64 | 0.00 | 69  |
|   | H10NP014  | H-30X      | HAMMER, IMPACT ENERGY, 10,000 FT-LBS WITH H-30X DEMOLITION TOOL (ADD 350-525 HP HYD EXCAVATOR) |                                |         | \$121,254      | 47.83                         | 10.38   | 16.17                  | 2.29 | 0.00 | 110 |
| <b>H13 HAZARD/TOXIC WASTE EQUIPMENT</b> |   |            |  |                                |         |                |                               |         |                        |      |      |     |
|   | <b>SUBCATEGORY 0.11 COMPACTORS (COMPRESSION FORCE) 0 THRU 50 TONS</b> |            |  |                                |         |                |                               |         |                        |      |      |     |
|   | <b>CONSOLIDATED BAILING MACHINE COMPANY, INC.</b>                     |            |  |                                |         |                |                               |         |                        |      |      |     |
|   | H13CB001  | DOS RAW WI | 12.5 TON LL RAD WASTE COMPACTOR, 55 GALLON BARREL CAPACITY                                     | 5 HP                           | E       | \$18,588       | 4.71                          | 1.11    | 1.58                   | 0.32 | 0.40 | 25  |
|   | H13CB002  | DOS RAW WI | 20 TON LL RAD WASTE COMPACTOR, 55 GALLON BARREL CAPACITY                                       | 10 HP                          | E       | \$21,178       | 5.92                          | 1.27    | 1.80                   | 0.37 | 0.81 | 25  |
|   | <b>COMPACTING TECHNOLOGIES INTERNATIONAL</b>                          |            |  |                                |         |                |                               |         |                        |      |      |     |
|   | H13CO002  | 8040       | 37 TON HAZARD WASTE IN-DRUM COMPACTOR, EXPLOSION PROOF   | 5 HP                           | E       | \$10,242       | 3.01                          | 0.61    | 0.87                   | 0.18 | 0.40 | 167 |
|   | <b>PIQUA ENGINEERING</b>  |            |  |                                |         |                |                               |         |                        |      |      |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                         | REGION 10   |  |  | ENGINE HORSEPOWER<br>FUEL TYPE |          | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|-----------------------------|---|--|--|--------------------------------|----------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|                             | ID.NO.  | MODEL  | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER  | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| H13                         | <i>PIQUA ENGINEERING (continued)</i>                                |  |  |                                |          |                |                               |         |                        |      |      |     |
|                             | H13PI001  | 36LKDC   | 30 TON DRUM CRUSHER, MOBILE  | 18 HP                          | G        | \$10,199       | 4.24                          | 0.60    | 0.84                   | 0.18 | 1.64 | 19  |
|                             | H13PI002  | 36LRDC   | 30 TON DRUM CRUSHER, MOBILE  | 8 HP                           | E        | \$10,558       | 3.15                          | 0.61    | 0.87                   | 0.18 | 0.60 | 19  |
|                             | H13PI003  | DC3036   | 30 TON DRUM CRUSHER  | 15 HP                          | E        | \$11,151       | 4.27                          | 0.67    | 0.95                   | 0.19 | 1.21 | 30  |
|                             | <b>SUBCATEGORY 0.12 COMPACTORS (COMPRESSION FORCE) OVER 50 TONS</b> |  |  |                                |          |                |                               |         |                        |      |      |     |
|                             | <b>CGR COMPACTING</b>   |  |  |                                |          |                |                               |         |                        |      |      |     |
|                             | H13CF001  | 6-50-400                                       | 250 TON COMPACTOR CASK TYPE,<br>CONTAINER: 57.5" x 33.5" x 47"                         | 50 HP                          | E        | \$263,437      | 54.08                         | 13.40   | 17.56                  | 4.62 | 4.03 | 220 |
|                             | H13CF002  | 6-90-200                                       | 250 TON COMPACTOR CASK TYPE,<br>CONTAINER: 72" x 46" x 47"                             | 50 HP                          | E        | \$290,185      | 58.91                         | 14.77   | 19.35                  | 5.09 | 4.03 | 280 |
|                             | H13CF003  | 6-90-300                                       | 375 TON COMPACTOR CASK TYPE,<br>CONTAINER: 72" x 46" x 47"                             | 50 HP                          | E        | \$342,291      | 68.29                         | 17.41   | 22.82                  | 6.00 | 4.03 | 320 |
|                             | <b>COMPACTING TECHNOLOGIES INTERNATIONAL</b>                        |  |  |                                |          |                |                               |         |                        |      |      |     |
|                             | H13CO003  | 8550   | 85 TON HAZARD WASTE IN-DRUM<br>COMPACTOR   | 3 HP                           | E        | \$19,802       | 4.21                          | 1.01    | 1.32                   | 0.35 | 0.24 | 270 |
|                             | H13CO004  | 8560-C   | 85 TON HAZARD WASTE IN- DRUM<br>COMPACTOR, WITH HEPA FILTER                            | 3 HP                           | E        | \$35,104       | 7.22                          | 1.79    | 2.34                   | 0.62 | 0.24 | 290 |
|                             | H13CO006  | 8560-R   | 85 TON HAZARD WASTE IN- DRUM<br>COMPACTOR, WITH HEPA FILTER & SS<br>PLATEN & CHAMBER   | 3 HP                           | E        | \$40,913       | 8.12                          | 2.09    | 2.73                   | 0.72 | 0.24 | 300 |
|                             | H13CO005  | 8560-EXL                                       | 85 TON HAZARD WASTE IN- DRUM<br>COMPACTOR, EXPLOSION PROOF, W/LIQUID<br>REMOVAL SYSTEM | 3 HP                           | E        | \$54,200       | 10.65                         | 2.75    | 3.61                   | 0.95 | 0.24 | 310 |
|                             | <b>SUBCATEGORY 0.21 FILTER PRESSES, STATIONARY</b>                  |  |  |                                |          |                |                               |         |                        |      |      |     |
| <b>AVERY FILTER COMPANY</b> |   |  |  |                                |          |                |                               |         |                        |      |      |     |
| H13AY015                    | L/S 1200/25   | 25 CF MEMBRANE FILTER PRESS, 1000 MM<br>SQ     | 50 CFM   | A                              | \$48,333 | 10.30          | 2.79                          | 3.87    | 0.86                   | 0.00 | 112  |     |
| H13AY016                    | K/F 1200/25   | 25 CF CONVENTIONAL FILTER PRESS, 1000<br>MM SQ | 50 CFM   | A                              | \$31,670 | 6.74           | 1.83                          | 2.53    | 0.56                   | 0.00 | 108  |     |
| H13AY013                    | L/S 1200/50   | 50 CF MEMBRANE FILTER PRESS, 1200 MM<br>SQ     | 50 CFM   | A                              | \$81,874 | 17.44          | 4.73                          | 6.55    | 1.46                   | 0.00 | 173  |     |
| H13AY014                    | K/F 1200/50   | 50 CF CONVENTIONAL FILTER PRESS, 1200<br>MM SQ | 50 CFM   | A                              | \$44,715 | 9.53           | 2.59                          | 3.58    | 0.80                   | 0.00 | 168  |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                               |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT   |
|------------|---|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-------|
|            | ID.NO.                                  | MODEL        | EQUIPMENT DESCRIPTION                                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |       |
|            |   |              |  |                                |         |                |                               |         |                        |      |      |       |
| <b>H13</b> | <b>AVERY FILTER COMPANY (continued)</b> |              |  |                                |         |                |                               |         |                        |      |      |       |
|            | H13AY011                                | L/S 1200/75  | 75 CF MEMBRANE FILTER PRESS, 1200 MM SQ                  | 50 CFM                         | A       | \$101,843      | 21.69                         | 5.88    | 8.15                   | 1.81 | 0.00 | 194   |
|            | H13AY012                                | K/F 1200/75  | 75 CF CONVENTIONAL FILTER PRESS, 1200 MM SQ              | 50 CFM                         | A       | \$52,963       | 11.28                         | 3.06    | 4.24                   | 0.94 | 0.00 | 188   |
|            | H13AY009                                | L/S 1200/100 | 100 CF MEMBRANE FILTER PRESS, 1200 MM SQ                 | 50 CFM                         | A       | \$121,453      | 25.87                         | 7.02    | 9.72                   | 2.16 | 0.00 | 199   |
|            | H13AY010                                | K/F 1200/100 | 100 CF CONVENTIONAL FILTER PRESS, 1200 MM SQ             | 50 CFM                         | A       | \$62,780       | 13.37                         | 3.63    | 5.02                   | 1.12 | 0.00 | 191   |
|            | H13AY007                                | L/S 1200/125 | 125 CF MEMBRANE FILTER PRESS, 1200 MM SQ                 | 50 CFM                         | A       | \$136,458      | 29.07                         | 7.89    | 10.92                  | 2.43 | 0.00 | 216   |
|            | H13AY008                                | K/F 1200/125 | 125 CF CONVENTIONAL FILTER PRESS, 1200 MM SQ             | 50 CFM                         | A       | \$68,013       | 14.49                         | 3.93    | 5.44                   | 1.21 | 0.00 | 207   |
|            | H13AY017                                | L/S 1200/150 | 150 CF MEMBRANE FILTER PRESS, 1200 MM SQ                 | 50 CFM                         | A       | \$151,044      | 32.17                         | 8.73    | 12.08                  | 2.69 | 0.00 | 235   |
|            | H13AY018                                | K/F 1200/150 | 150 CF CONVENTIONAL FILTER PRESS, 1200 MM SQ             | 50 CFM                         | A       | \$78,144       | 16.64                         | 4.51    | 6.25                   | 1.39 | 0.00 | 224   |
|            | H13AY019                                |              | FILTER PRESS PLATE SHIFTING UNIT, 1200 MM SQ, MECHANIZED | 1 HP                           | E       | \$9,812        | 2.46                          | 0.56    | 0.78                   | 0.17 | 0.08 | 5     |
|            | H13AY020                                | SLC-500      | PLC CONTROL PANEL - PLATE SHIFTING, COMPUTER AUTOMATED   | 1 HP                           | E       | \$12,670       | 3.08                          | 0.73    | 1.01                   | 0.23 | 0.08 | 2     |
|            | <b>HYDROCAL</b>                         |              |  |                                |         |                |                               |         |                        |      |      |       |
|            | H13HR001                                | Model 1.0    | 1 METER, SS SLUDGE THICK/BELT PRESS COMBINATION          | 1 HP                           | E       | \$49,051       | 10.76                         | 2.83    | 3.92                   | 0.87 | 0.04 | 20    |
|            | H13HR002                                | Model 1.5    | 1.5 METER, SS SLUDGE THICK/BELT PRESS COMBINATION        | 2 HP                           | E       | \$54,023       | 11.85                         | 3.12    | 4.32                   | 0.96 | 0.12 | 25    |
|            | <b>PERRIN, INC.</b>                     |              |  |                                |         |                |                               |         |                        |      |      |       |
|            | H13PR001                                | 100S-800     | 25 CF STANDARD FILTER PRESS, 800MM X 800MM               | 3 HP                           | E       | \$76,514       | 16.68                         | 4.42    | 6.12                   | 1.36 | 0.24 | 125   |
|            | H13PR003                                | 100S-1200    | 113 CF STANDARD FILTER PRESS, 1200MM X 1200MM,           | 5 HP                           | E       | \$144,287      | 31.39                         | 8.34    | 11.54                  | 2.57 | 0.40 | 460   |
|            | H13PR005                                | 200S-1500    | 181 CF STANDARD FILTER PRESS, 1500MM X 1500MM            | 5 HP                           | E       | \$201,450      | 43.58                         | 11.65   | 16.12                  | 3.59 | 0.40 | 680   |
|            | H13PR007                                | P4-200       | 370 CF MAXI FILTER PRESS, 1.5M X 20M                     | 10 HP                          | E       | \$445,523      | 96.23                         | 25.76   | 35.64                  | 7.94 | 0.81 | 1,100 |
|            | H13PR020                                | FBP 60       | 23.5" WIDE FILTER BELT PRESS, .75 HP                     | 1 HP                           | E       | \$87,941       | 18.87                         | 5.09    | 7.04                   | 1.57 | 0.08 | 33    |
|            | H13PR021                                | FBP 90       | 35.5" WIDE FILTER BELT PRESS, .75 HP                     | 1 HP                           | E       | \$90,432       | 19.39                         | 5.23    | 7.23                   | 1.61 | 0.08 | 33    |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                       |                               |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---------------------------------|-------------------------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                          | MODEL                         | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                                 |                               |  |                                |         |                |                               |         |                        |      |      |     |
| <b>H13</b> | <b>PERRIN, INC. (continued)</b> |                               |  |                                |         |                |                               |         |                        |      |      |     |
|            | H13PR022                        | FBP 120                       | 47" WIDE FILTER BELT PRESS, 1.5 HP   | 2HP                            | E       | \$113,393      | 24.41                         | 6.55    | 9.07                   | 2.02 | 0.16 | 57  |
|            | H13PR023                        | FBP 160                       | 63" WIDE FILTER BELT PRESS, 1.5 HP   | 1HP                            | E       | \$120,329      | 25.76                         | 6.96    | 9.63                   | 2.14 | 0.08 | 33  |
|            | H13PR024                        | FBP 200                       | 78.75" WIDE FILTER BELT PRESS, 2 HP  | 2HP                            | E       | \$136,579      | 29.35                         | 7.89    | 10.93                  | 2.43 | 0.16 | 91  |
|            | H13PR025                        | FBP 250                       | 98.5" WIDE FILTER BELT PRESS, 3 HP   | 3HP                            | E       | \$152,020      | 32.77                         | 8.79    | 12.16                  | 2.71 | 0.24 | 113 |
|            | H13PR026                        | FBP 300                       | 118" WIDE FILTER BELT PRESS, 3 HP  | 3HP                            | E       | \$177,383      | 38.17                         | 10.25   | 14.19                  | 3.16 | 0.24 | 133 |
|            | H13PR027                        | PS 250                        | PUSHER SCREW PRESS, 7.5 HP   | 8HP                            | E       | \$95,634       | 21.42                         | 5.53    | 7.65                   | 1.70 | 0.64 | 65  |
|            | H13PR028                        | PS 400                        | PUSHER SCREW PRESS, 10 HP  | 10HP                           | E       | \$141,315      | 31.44                         | 8.18    | 11.31                  | 2.52 | 0.81 | 80  |
|            | H13PR029                        | PS 600                        | PUSHER SCREW PRESS, 15 HP  | 15HP                           | E       | \$210,975      | 46.93                         | 12.20   | 16.88                  | 3.76 | 1.21 | 120 |
|            | H13PR030                        | PS 800                        | PUSHER SCREW PRESS, 20 HP  | 20HP                           | E       | \$297,579      | 66.03                         | 17.20   | 23.81                  | 5.30 | 1.61 | 160 |
|            | <b>SUBCATEGORY 0.22</b>         | <b>FILTER PRESSES, MOBILE</b> |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>AVERY FILTER COMPANY</b>     |                               |  |                                |         |                |                               |         |                        |      |      |     |
|            | H13AY031                        | L/S 1200/25M                  | 25 CF MEMBRANE FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)      | 50 CFM                         | A       | \$56,556       | 11.60                         | 3.31    | 4.67                   | 0.98 | 0.00 | 112 |
|            | H13AY032                        | K/F 1200/25M                  | 25 CF CONVENTIONAL FILTER PRESS, 1000 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)  | 50 CFM                         | A       | \$39,915       | 8.20                          | 2.32    | 3.26                   | 0.69 | 0.00 | 109 |
|            | H13AY029                        | L/S 1200/50M                  | 50 CF MEMBRANE FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)      | 50 CFM                         | A       | \$90,545       | 18.55                         | 5.34    | 7.56                   | 1.56 | 0.00 | 193 |
|            | H13AY030                        | K/F 1200/50M                  | 50 CF CONVENTIONAL FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)  | 50 CFM                         | A       | \$53,387       | 10.95                         | 3.12    | 4.40                   | 0.92 | 0.00 | 188 |
|            | H13AY027                        | L/S 1200/75M                  | 75 CF MEMBRANE FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)      | 50 CFM                         | A       | \$111,419      | 22.82                         | 6.59    | 9.33                   | 1.92 | 0.00 | 214 |
|            | H13AY028                        | K/F 1200/75M                  | 75 CF CONVENTIONAL FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)  | 50 CFM                         | A       | \$62,539       | 12.82                         | 3.67    | 5.18                   | 1.08 | 0.00 | 208 |
|            | H13AY025                        | L/S 1200/100M                 | 100 CF MEMBRANE FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)     | 50 CFM                         | A       | \$131,933      | 27.02                         | 7.81    | 11.08                  | 2.27 | 0.00 | 219 |
|            | H13AY026                        | K/F 1200/100M                 | 100 CF CONVENTIONAL FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK) | 50 CFM                         | A       | \$73,260       | 15.01                         | 4.30    | 6.09                   | 1.26 | 0.00 | 211 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                               |               |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT   |
|------------|---|---------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-------|
|            | ID.NO.                                  | MODEL         | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |       |
|            |   |               |   |                                |         |                |                               |         |                        |      |      |       |
| <b>H13</b> | <b>AVERY FILTER COMPANY (continued)</b> |               |   |                                |         |                |                               |         |                        |      |      |       |
|            | H13AY023                                | L/S 1200/125M | 125 CF MEMBRANE FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)  | 50 CFM                         | A       | \$147,842      | 30.28                         | 8.77    | 12.43                  | 2.55 | 0.00 | 236   |
|            | H13AY024                                | K/F 1200/125M | 125 CF CONVENTIONAL FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)                                      | 50 CFM                         | A       | \$79,397       | 16.27                         | 4.68    | 6.61                   | 1.37 | 0.00 | 227   |
|            | H13AY021                                | L/S 1200/150M | 150 CF MEMBRANE FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)  | 50 CFM                         | A       | \$162,484      | 33.27                         | 9.63    | 13.67                  | 2.80 | 0.00 | 255   |
|            | H13AY022                                | K/F 1200/150M | 150 CF CONVENTIONAL FILTER PRESS, 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)                                      | 50 CFM                         | A       | \$89,137       | 18.27                         | 5.26    | 7.44                   | 1.54 | 0.00 | 244   |
|            | <b>HYDROCAL</b>                         |               |   |                                |         |                |                               |         |                        |      |      |       |
|            | H13HR003                                | TRAILER PRESS | 80 GPM CAPACITY BELT PRESS, TRAILER MOUNTED SYSTEM, COMPLETE WITH FLOCCULATION TANK, MIXING TANK, PUMPS, FEEDERS, & CONTROL PANEL | 1 HP                           | E       | \$133,348      | 29.43                         | 7.92    | 11.25                  | 2.30 | 0.08 | 72    |
|            | <b>PERRIN, INC.</b>                     |               |   |                                |         |                |                               |         |                        |      |      |       |
|            | H13PR002                                | 100S-800M     | 25 CF STANDARD FILTER PRESS, 800MM X 800MM, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)   | 3 HP                           | E       | \$84,669       | 19.24                         | 4.99    | 7.06                   | 1.46 | 0.24 | 145   |
|            | H13PR004                                | 100S-1200M    | 113 CF STANDARD FILTER PRESS, 1200MM X 1200MM, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)                                      | 5 HP                           | E       | \$156,712      | 34.25                         | 9.29    | 13.18                  | 2.70 | 0.40 | 480   |
|            | H13PR006                                | 200S-1500M    | 181 CF STANDARD FILTER PRESS, 1500MM X 1500MM, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)                                      | 5 HP                           | E       | \$217,830      | 46.77                         | 12.95   | 18.38                  | 3.76 | 0.40 | 705   |
|            | H13PR008                                | P4-200        | 370 CF MAXI FILTER PRESS, 1.5M X 20M, TRAILER MOUNTED (ADD GEN & 64,000 GVW TRK + PERMIT)   | 10 HP                          | E       | \$462,281      | 97.99                         | 27.31   | 38.68                  | 7.97 | 0.81 | 1,140 |
|            | H13PR009                                | FBP 60-M      | 23.5" FILTER BELT PRESS, MOBILE, .75 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)  | 1 HP                           | E       | \$97,456       | 21.60                         | 5.75    | 8.15                   | 1.68 | 0.08 | 53    |
|            | H13PR010                                | FBP-90-M      | 35.5" FILTER BELT PRESS, MOBILE, .75 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)  | 1 HP                           | E       | \$99,946       | 22.10                         | 5.90    | 8.36                   | 1.72 | 0.08 | 53    |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                           |           |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|-------------------------------------|-----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                              | MODEL     | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>H13</b> | <b>PERRIN, INC. (continued)</b>     |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | H13PR011                            | FBP 120-M | 47" FILTER BELT PRESS, 1.5 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)      | 2 HP                           | E       | \$123,905      | 27.15                         | 7.34    | 10.40                  | 2.14 | 0.16 | 77  |
|            | H13PR012                            | FBP 160-M | 63" FILTER BELT PRESS, 1.5 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)      | 2 HP                           | E       | \$131,379      | 28.67                         | 7.79    | 11.03                  | 2.27 | 0.16 | 77  |
|            | H13PR013                            | FBP 200-M | 78.75" FILTER BELT PRESS, 2 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)     | 2 HP                           | E       | \$148,088      | 32.08                         | 8.77    | 12.45                  | 2.55 | 0.16 | 111 |
|            | H13PR014                            | FBP 250-M | 98.5" FILTER BELT PRESS, 3 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)      | 3 HP                           | E       | \$164,526      | 35.59                         | 9.77    | 13.85                  | 2.84 | 0.24 | 133 |
|            | H13PR015                            | FBP 300-M | 118" FILTER BELT PRESS, 3 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)       | 3 HP                           | E       | \$189,889      | 40.76                         | 11.27   | 16.00                  | 3.27 | 0.24 | 153 |
|            | H13PR016                            | PS 250-M  | PUSHER SCREW PRESS, MOBILE, 7.5 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK) | 8 HP                           | E       | \$105,149      | 23.84                         | 6.21    | 8.80                   | 1.81 | 0.64 | 85  |
|            | H13PR017                            | PS 400-M  | PUSHER SCREW PRESS, MOBILE, 10 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)  | 10 HP                          | E       | \$151,827      | 33.68                         | 9.00    | 12.77                  | 2.62 | 0.81 | 100 |
|            | H13PR018                            | PS 600-M  | PUSHER SCREW PRESS, MOBILE, 15 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)  | 15 HP                          | E       | \$220,240      | 48.58                         | 13.09   | 18.58                  | 3.80 | 1.21 | 40  |
|            | H13PR019                            | PS 800-M  | PUSHER SCREW PRESS, MOBILE, 20 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)  | 20 HP                          | E       | \$310,084      | 67.62                         | 18.46   | 26.22                  | 5.35 | 1.61 | 180 |
|            | <b>SUBCATEGORY 0.30 CENTRIFUGES</b> |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>BOCK</b>                         |           |   |                                |         |                |                               |         |                        |      |      |     |
|            | H13BC013                            | GP 35     | CENTRIFUGE, FIXED SPEED, TIMER, 35 LB DRY WT.                                     | 3 HP                           | E       | \$11,201       | 5.37                          | 1.35    | 2.24                   | 0.23 | 0.24 | 9   |
|            | H13BC010                            | 305 TX    | CENTRIFUGE, FIXED SPEED, TIMER, 35 LB DRY WT.                                     | 3 HP                           | E       | \$13,362       | 6.32                          | 1.61    | 2.67                   | 0.27 | 0.24 | 6   |
|            | H13BC012                            | GP 60     | CENTRIFUGE, FIXED SPEED, TIMER, 60 LB DRY WT.                                     | 3 HP                           | E       | \$12,383       | 5.89                          | 1.49    | 2.48                   | 0.25 | 0.24 | 9   |
|            | H13BC006                            | 605 TX    | CENTRIFUGE, FIXED SPEED, TIMER, 60 LB DRY WT.                                     | 3 HP                           | E       | \$17,903       | 8.34                          | 2.15    | 3.58                   | 0.36 | 0.24 | 9   |
|            | H13BC011                            | GP 100    | CENTRIFUGE, FIXED SPEED, TIMER, 100 LB DRY WT.                                    | 5 HP                           | E       | \$15,144       | 7.39                          | 1.83    | 3.03                   | 0.31 | 0.40 | 12  |
|            | H13BC003                            | GP 130    | CENTRIFUGE, FIXED SPEED, TIMER, 130 LB DRY WT.                                    | 5 HP                           | E       | \$18,235       | 8.76                          | 2.19    | 3.65                   | 0.37 | 0.40 | 12  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                  |         |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|----------------------------|---------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                     | MODEL   | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |                            |         |   |                                |         |                |                               |         |                        |      |       |     |
| <b>H13</b> | <b>BOCK (continued)</b>    |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | H13BC009                   | 355     | CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 35 LB   | 3 HP                           | E       | \$19,135       | 8.90                          | 2.31    | 3.83                   | 0.39 | 0.24  | 6   |
|            | H13BC007                   | 655     | CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 60 LB   | 3 HP                           | E       | \$22,843       | 10.54                         | 2.75    | 4.57                   | 0.46 | 0.24  | 9   |
|            | H13BC008                   | 755     | CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 100 LB  | 5 HP                           | E       | \$27,107       | 12.70                         | 3.26    | 5.42                   | 0.55 | 0.40  | 12  |
|            | <b>SUBCATEGORY 0.40</b>    |         | <b>SHREDDERS</b>  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>MAC CORPORATION</b>     |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | H13MN001                   | 52-32HT | MOBILE SHREDDER, TRAILER MOUNTED, WITH DIESEL GENERATOR SET, AND BELT-TYPE INFEED & DISCHARGE CONVEYORS       | 150 HP                         | E       | \$217,367      | 69.33                         | 12.87   | 18.23                  | 3.75 | 12.09 | 200 |
|            | H13MN002                   | 62-40HT | MOBILE SHREDDER, TRAILER MOUNTED, WITH DIESEL GENERATOR SET, HOOK-TYPE INFEED FOR TIRES, & DISCHARGE CONVEYOR | 200 HP                         | E       | \$267,345      | 87.54                         | 15.82   | 22.41                  | 4.61 | 16.12 | 300 |
|            | H13MN003                   | 62-40HT | MOBILE SHREDDER, TRAILER MOUNTED, WITH DIESEL GENERATOR SET, CRANE GRAPPLE AND DISCHARGE CONVEYOR SYSTEM      | 200 HP                         | E       | \$270,649      | 89.26                         | 16.02   | 22.69                  | 4.67 | 16.12 | 300 |
|            | H13MN004                   | 72-46HT | MOBILE SHREDDER, TRAILER MOUNTED, WITH DIESEL GENERATOR SET, CRANE GRAPPLE AND DISCHARGE CONVEYOR SYSTEM      | 300 HP                         | E       | \$380,095      | 126.77                        | 22.54   | 31.99                  | 6.55 | 24.18 | 400 |
|            | <b>SHREAD-TECH LIMITED</b> |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | H13SH001                   | ST-20   | SHREDDER W/28"X14" CUTTING CHAMBR, .375" BLADE, 37"X38" HOPPER OPENING  | 20 HP                          | E       | \$35,148       | 10.19                         | 2.11    | 2.99                   | 0.61 | 1.61  | 20  |
|            | H13SH002                   | ST-20L  | SHREDDER W/14"X36" CUTTING CHAMBR, .375" BLADE, 37"X46" HOPPER OPENING  | 20 HP                          | E       | \$32,476       | 9.60                          | 1.94    | 2.76                   | 0.56 | 1.61  | 23  |
|            | H13SH003                   | ST-50   | SHREDDER W/42"X21" CUTTING CHAMBR, .625" BLADE, 40"X55" HOPPER OPENING, 2X40 HP                               | 40 HP                          | E       | \$65,026       | 19.22                         | 3.89    | 5.53                   | 1.12 | 3.22  | 45  |
|            | H13SH004                   | ST-50L  | SHREDDER W/52"X21" CUTTING CHAMBR, .625" BLADE, 40"X65" HOPPER OPENING, 2X40 HP                               | 40 HP                          | E       | \$68,672       | 20.01                         | 4.10    | 5.84                   | 1.18 | 3.22  | 50  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |         |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|--|---------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.   | MODEL   | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
| <b>H13</b> | <b>SHREAD-TECH LIMITED (continued)</b>                             |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | H13SH005   | ST-100  | SHREDDER W/63"X32" CUTTING CHAMBR,<br>1.875" BLD, 60"X70" HOPPER OPENING, 2X50<br>HP  | 100 HP                         | E       | \$118,288      | 38.43                         | 7.07    | 10.05                  | 2.04 | 8.06  | 200 |
|            | H13SH006   | ST-500  | SHREDDER W/43"X76" CUTTING CHAMBR,<br>2.75" BLD, 66"X96" HOPPER OPENING, 2X150<br>HP  | 300 HP                         | E       | \$378,609      | 120.47                        | 22.62   | 32.18                  | 6.53 | 24.18 | 420 |
|            | H13SH007   | ST-500L | SHREDDER W/43"X96" CUTTING CHAMBR,<br>2.75" BLD, 66"X115" HOPPER OPENING, 2X300<br>HP   | 600 HP                         | E       | \$478,867      | 180.40                        | 28.61   | 40.70                  | 8.26 | 48.36 | 440 |
|            | <b>SUBCATEGORY 0.51 SOIL TREATMENT PLANT, MOBILE</b>               |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>PROGRESSIVE DEVELOPMENT, INC.</b>                               |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | H13PO001   | ST-300  | MOBILE THERMAL REMEDIATION SYSTEM,<br>TRLR MTD, W/REMEDIATION UNIT, 2-10T/HR<br>SHRED./CLASSIFIER, WEIGHT SCALE & LP<br>GAS VAPORIZOR | 55 HP                          | E       | \$482,450      | 120.07                        | 28.82   | 41.01                  | 8.32 | 4.43  | 180 |
|            | <b>SUBCATEGORY 0.61 SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS</b> |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>CT ENVIROMENTAL SYSTEMS</b>                                     |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | H13CN001   | SPD-10C | SLUDGE PROCESSING DISPENSER W/ 2 CU.<br>YD. SLUDGE BIN, 1200 CU.FT. SILO, TRAILER<br>MOUNTED  | 20 HP                          | E       | \$57,843       | 16.85                         | 3.42    | 4.83                   | 1.00 | 1.61  | 77  |
|            | H13CN002   | SPD-30C | SLUDGE PROCESSING DISPENSER W/ 8 CU.<br>YD. SLUDGE BIN, 2100 CU.FT. SILO, TRAILER<br>MOUNTED  | 40 HP                          | E       | \$97,144       | 28.94                         | 5.76    | 8.17                   | 1.68 | 3.22  | 166 |
|            | H13CN003   | SPD-50C | SLUDGE PROCESSING DISPENSER W/ 8 CU.<br>YD. SLUDGE BIN, 2100 CU.FT. SILO, TRAILER<br>MOUNTED  | 75 HP                          | E       | \$113,906      | 36.74                         | 6.76    | 9.60                   | 1.96 | 6.04  | 177 |
|            | <b>SUBCATEGORY 0.71 WASTE HANDLING EQUIPMENT, DRUM HANDLING</b>    |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>BASCO</b>   |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | H13BB001   | T55FLX  | 55 GAL TOP FILL DRUM FILLER   | 10 HP                          | E       | \$25,788       | 16.27                         | 3.25    | 5.48                   | 0.51 | 0.81  | 3   |
|            | H13BB002   | MR3     | 60 DRUM/HR CAP INTERIOR DRUM CLEANER  | 15 HP                          | E       | \$32,488       | 20.85                         | 4.09    | 6.90                   | 0.64 | 1.21  | 25  |



Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

| CAT  | REGION 10  |        |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|--|--|--------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|  | ID.NO.   | MODEL  | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|  |  |        |  |                                |         |                |                               |         |                        |      |      |     |
| <b>H20 HOISTS &amp; AIR WINCHES</b>              |  |        |  |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SUBCATEGORY 0.00 HOISTS &amp; AIR WINCHES</b> |        |  |                                |         |                |                               |         |                        |      |      |     |
|  | <b>INGERSOL-RAND MATERIAL HANDLING</b>           |        |  |                                |         |                |                               |         |                        |      |      |     |
|  | H20BE001   | FA1    | AIR WINCH (ADD COMPRESSOR) MANUAL BRAKE, 24" DRUM, 2200 # CAPACITY, 95 FPM     | 390 CFM                        | A       | \$13,227       | 3.02                          | 0.83    | 1.18                   | 0.24 | 0.00 | 4   |
|  | H20BE002   | FA2.5  | AIR WINCH (ADD COMPRESSOR) MANUAL BRAKE, 24" DRUM, 5000 # CAPACITY, 145 FPM    | 700 CFM                        | A       | \$17,128       | 3.98                          | 1.07    | 1.52                   | 0.31 | 0.00 | 10  |
|  | H20BE003   | FA5    | AIR WINCH (ADD COMPRESSOR) MANUAL BRAKE, 24" DRUM, 10000 # CAPACITY, 65 FPM    | 700 CFM                        | A       | \$22,194       | 5.20                          | 1.39    | 1.97                   | 0.40 | 0.00 | 19  |
|  | H20BE004   | FA10   | AIR WINCH (ADD COMPRESSOR) AUTOMATIC BRAKE, 24" DRUM, 22000 # CAPACITY, 30 FPM | 800 CFM                        | A       | \$33,042       | 7.69                          | 2.06    | 2.94                   | 0.59 | 0.00 | 35  |
|  | <b>LTV ENERGY PRODUCTS</b>                       |        |  |                                |         |                |                               |         |                        |      |      |     |
|  | H20SK001   | BU-18  | DOUBLE DRUM WITH 5/8" CABLE  | 100 HP                         | D-off   | \$106,010      | 27.01                         | 6.62    | 9.42                   | 1.91 | 2.77 | 85  |
|  | H20SK002   | G-70   | DOUBLE DRUM WITH 7/8" CABLE  | 100 HP                         | D-off   | \$143,400      | 35.27                         | 8.96    | 12.75                  | 2.58 | 2.77 | 126 |
|  | H20SK003   | RB-80  | DOUBLE DRUM WITH 1-1/8" CABLE  | 130 HP                         | D-off   | \$221,148      | 53.51                         | 13.81   | 19.66                  | 3.98 | 3.60 | 240 |
|  | H20SK004   | RB-90W | DOUBLE DRUM WITH 1-3/8" CABLE  | 150 HP                         | D-off   | \$262,400      | 63.34                         | 16.38   | 23.32                  | 4.72 | 4.16 | 300 |
| <b>H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED</b> |  |        |  |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SUBCATEGORY 0.11 0 LBS THRU 40,000 LBS</b>    |        |  |                                |         |                |                               |         |                        |      |      |     |
|  | <b>CATERPILLAR, INC.</b>                         |        |  |                                |         |                |                               |         |                        |      |      |     |
|  | H25CA020   | 311-B  | 24,640 LBS, 0.60 CY BUCKET   | 79 HP                          | D-off   | \$99,516       | 21.54                         | 5.56    | 7.46                   | 1.83 | 2.19 | 238 |
|  | H25CA021   | 312-B  | 27,500 LBS, 0.68 CY BUCKET   | 84 HP                          | D-off   | \$107,389      | 23.20                         | 6.01    | 8.05                   | 1.98 | 2.33 | 269 |
|  | <b>CASE CORPORATION</b>                          |        |  |                                |         |                |                               |         |                        |      |      |     |
|  | H25CS004   | 9010B  | 27,940 LBS, 0.92 CY BUCKET   | 100 HP                         | D-off   | \$125,679      | 27.21                         | 7.03    | 9.43                   | 2.31 | 2.77 | 273 |
|  | H25CS005   | 9020B  | 34,980 LBS, 0.92 CY BUCKET   | 103 HP                         | D-off   | \$149,136      | 31.65                         | 8.34    | 11.19                  | 2.74 | 2.86 | 361 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10                             |                |                                     | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|-----|---------------------------------------|----------------|-------------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|     | ID.NO.                                | MODEL          | EQUIPMENT DESCRIPTION               | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|     | <b>HITACHI CONSTRUCTION MACHINERY</b> |                |                                     |                                |         |                |                               |         |                        |      |      |     |
|     | H25HI002                              | EX100WD        | 23,540 LBS, 0.40 CY BUCKET          | 108 HP                         | D-off   | \$162,780      | 34.36                         | 9.11    | 12.21                  | 3.00 | 2.99 | 240 |
|     | H25HI001                              | EX100-3        | 23,540 LBS, 0.60 CY BUCKET          | 72 HP                          | D-off   | \$130,302      | 26.91                         | 7.29    | 9.77                   | 2.40 | 2.00 | 192 |
|     | H25HI003                              | EX150          | 31,900 LBS, 0.82 CY BUCKET          | 95 HP                          | D-off   | \$160,098      | 33.33                         | 8.96    | 12.01                  | 2.95 | 2.63 | 256 |
|     | <b>HYUNDIA CONSTRUCTION EQUIPMENT</b> |                |                                     |                                |         |                |                               |         |                        |      |      |     |
|     | H25HU001                              | ROBEX 130LC-3  | 30,400 LBS, 0.78 CY BUCKET          | 101 HP                         | D-off   | \$103,216      | 23.12                         | 5.77    | 7.74                   | 1.90 | 2.80 | 291 |
|     | <b>DEERE &amp; COMPANY</b>            |                |                                     |                                |         |                |                               |         |                        |      |      |     |
|     | H25JD013                              | 490E           | 26,800 LBS, 0.79 CY BUCKET          | 85 HP                          | D-off   | \$119,933      | 25.54                         | 6.71    | 8.99                   | 2.21 | 2.36 | 237 |
|     | H25JD020                              | 120            | 26,800 LBS, 0.34 CY BUCKET          | 90 HP                          | D-off   | \$120,555      | 25.85                         | 6.74    | 9.04                   | 2.22 | 2.49 | 268 |
|     | H25JD006                              | 590D           | 33,220 LBS, 0.640 CY BUCKET         | 95 HP                          | D-off   | \$135,456      | 28.79                         | 7.57    | 10.16                  | 2.49 | 2.63 | 325 |
|     | H25JD014                              | 595D           | 36,880 LBS, 0.75 CY BUCKET          | 95 HP                          | D-off   | \$198,445      | 40.36                         | 11.09   | 14.88                  | 3.65 | 2.63 | 353 |
|     | <b>KOBELCO AMERICA, INC.</b>          |                |                                     |                                |         |                |                               |         |                        |      |      |     |
|     | H25KC003                              | SK015 SR       | 3,680 LBS, 0.06 CY BUCKET, W/BLADE  | 14 HP                          | D-off   | \$29,196       | 5.97                          | 1.64    | 2.19                   | 0.54 | 0.40 | 37  |
|     | H25KC004                              | SK025 SR       | 5,830 LBS, 0.10 CY BUCKET, W/BLADE  | 21 HP                          | D-off   | \$40,004       | 8.21                          | 2.24    | 3.00                   | 0.74 | 0.58 | 58  |
|     | H25KC005                              | SK035 SR       | 7,700 LBS, 0.14 CY BUCKET           | 26 HP                          | D-off   | \$45,949       | 9.52                          | 2.58    | 3.45                   | 0.85 | 0.72 | 77  |
|     | H25KC014                              | SK70 SR        | 14,740 LBS, 0.37 CY BUCKET, W/BLADE | 54 HP                          | D-off   | \$85,385       | 17.91                         | 4.77    | 6.40                   | 1.57 | 1.50 | 164 |
|     | H25KC007                              | SK115DZ-LC MAR | 28,400 LBS, 0.52 CY BUCKET, W/BLADE | 86 HP                          | D-off   | \$91,440       | 20.34                         | 5.11    | 6.86                   | 1.68 | 2.38 | 284 |
|     | H25KC008                              | SK150LC MARKIV | 35,800 LBS, 0.69 CY BUCKET          | 103 HP                         | D-off   | \$132,894      | 28.67                         | 7.44    | 9.97                   | 2.45 | 2.86 | 358 |
|     | <b>KOMATSU DRESSER COMPANY</b>        |                |                                     |                                |         |                |                               |         |                        |      |      |     |
|     | H25KM001                              | PC 120-6       | 26,400 LBS, 0.75 CY BUCKET          | 84 HP                          | D-off   | \$147,084      | 30.49                         | 8.22    | 11.03                  | 2.71 | 2.33 | 266 |
|     | <b>KUBOTA TRACTOR CORPORATION</b>     |                |                                     |                                |         |                |                               |         |                        |      |      |     |
|     | H25KU001                              | KX-41-2        | 3,679 LBS, 0.05 CY BUCKET           | 22 HP                          | D-off   | \$25,357       | 5.57                          | 1.42    | 1.90                   | 0.47 | 0.61 | 37  |
|     | H25KU002                              | KX-61-2        | 5,963 LBS, 0.09 CY BUCKET           | 27 HP                          | D-off   | \$31,941       | 6.99                          | 1.79    | 2.40                   | 0.59 | 0.75 | 62  |
|     | H25KU003                              | KX-91-2        | 7,143 LBS, 0.14 CY BUCKET           | 28 HP                          | D-off   | \$37,610       | 8.04                          | 2.10    | 2.82                   | 0.69 | 0.76 | 74  |
|     | H25KU012                              | KX-121-2       | 8,477 LBS, 0.16 CY BUCKET           | 43 HP                          | D-off   | \$42,904       | 9.65                          | 2.40    | 3.22                   | 0.79 | 1.19 | 88  |
|     | H25KU004                              | KX-161-2       | 12,048 LBS, 0.17 CY BUCKET          | 43 HP                          | D-off   | \$58,402       | 12.49                         | 3.26    | 4.38                   | 1.07 | 1.19 | 120 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10                             |   |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |       |
|-----|---------------------------------------|---|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-------|
|     | ID.NO.                                | MODEL                                   | EQUIPMENT DESCRIPTION                  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT   |
|     |                                       |   |  |                                |         |                |                               |         |                        |      |      |       |
|     | <b>LINK BELT CONSTRUCTION COMPANY</b> |   |  |                                |         |                |                               |         |                        |      |      |       |
|     | H25LB001                              | LS-1600                                 | 14,990 LBS, 0.45 CY BUCKET             | 58 HP                          | D-off   | \$87,589       | 18.48                         | 4.90    | 6.57                   | 1.61 | 1.61 | 168   |
|     | H25LB002                              | LS-2650                                 | 18,080 LBS, 0.63 CY BUCKET             | 87 HP                          | D-off   | \$118,003      | 25.26                         | 6.59    | 8.85                   | 2.17 | 2.41 | 272   |
|     | H25LB003                              | LS-2700                                 | 35,240 LBS, 1.00 CY BUCKET             | 100 HP                         | D-off   | \$140,163      | 29.87                         | 7.84    | 10.51                  | 2.58 | 2.77 | 341   |
|     | <b>SAMSUNG CONSTRUCTION EQUIPMENT</b> |   |  |                                |         |                |                               |         |                        |      |      |       |
|     | H25SS005                              | SE130LC-2                               | 28,660 LBS, 0.52-0.85 CY BUCKET        | 99 HP                          | D-off   | \$105,803      | 23.52                         | 5.92    | 7.94                   | 1.95 | 2.74 | 300   |
|     | <b>TAKEUCHI</b>                       |   |  |                                |         |                |                               |         |                        |      |      |       |
|     | H25TK001                              | TB007                                   | 1,667 LBS, 0.03 CY BUCKET              | 8 HP                           | D-off   | \$19,672       | 3.95                          | 1.10    | 1.48                   | 0.36 | 0.22 | 17    |
|     | H25TK002                              | TB015                                   | 3,418 LBS, 0.05 CY BUCKET              | 16 HP                          | D-off   | \$26,824       | 5.57                          | 1.49    | 2.01                   | 0.49 | 0.44 | 34    |
|     | H25TK004                              | TB025                                   | 5,958 LBS, 0.09 CY BUCKET              | 26 HP                          | D-off   | \$34,086       | 7.34                          | 1.91    | 2.56                   | 0.63 | 0.72 | 60    |
|     | H25TK005                              | TB035                                   | 7,625 LBS, 0.13 CY BUCKET              | 33 HP                          | D-off   | \$39,731       | 8.65                          | 2.22    | 2.98                   | 0.73 | 0.91 | 76    |
|     | H25TK006                              | TB045                                   | 10,092 LBS, 0.19 CY BUCKET             | 43 HP                          | D-off   | \$56,523       | 12.15                         | 3.16    | 4.24                   | 1.04 | 1.19 | 101   |
|     | H25TK007                              | TB070                                   | 16,050 LBS, 0.33 CY BUCKET             | 56 HP                          | D-off   | \$78,737       | 16.78                         | 4.41    | 5.91                   | 1.45 | 1.55 | 161   |
|     | <b>SUBCATEGORY 0.12</b>               | <b>OVER 40,000 LBS THRU 100,000 LBS</b> |  |                                |         |                |                               |         |                        |      |      |       |
|     | <b>CATERPILLAR, INC.</b>              |   |  |                                |         |                |                               |         |                        |      |      |       |
|     | H25CA022                              | 320-B                                   | 42,460 LBS, 1.50 CY BUCKET             | 128 HP                         | D-off   | \$190,871      | 37.76                         | 9.71    | 12.72                  | 3.35 | 3.55 | 392   |
|     | H25CA023                              | 320 BL                                  | 45,320 LBS, 0.80 CY BUCKET, REACH BOOM | 128 HP                         | D-off   | \$213,763      | 41.66                         | 10.88   | 14.25                  | 3.75 | 3.55 | 490   |
|     | H25CA025                              | 325 BL                                  | 61,820 LBS, 1.75 CY BUCKET, REACH BOOM | 168 HP                         | D-off   | \$268,690      | 52.66                         | 13.66   | 17.91                  | 4.71 | 4.66 | 615   |
|     | H25CA027                              | 330 BL                                  | 77,220 LBS, 2.09 CY BUCKET, MASS BOOM  | 222 HP                         | D-off   | \$324,064      | 64.30                         | 16.48   | 21.60                  | 5.68 | 6.15 | 757   |
|     | <b>CASE CORPORATION</b>               |   |  |                                |         |                |                               |         |                        |      |      |       |
|     | H25CS006                              | 9030B                                   | 44,440 LBS, 1.30 CY BUCKET             | 128 HP                         | D-off   | \$181,494      | 36.17                         | 9.23    | 12.10                  | 3.18 | 3.55 | 443   |
|     | H25CS007                              | 9040B                                   | 53,020 LBS, 1.82 CY BUCKET             | 162 HP                         | D-off   | \$234,327      | 46.56                         | 11.92   | 15.62                  | 4.11 | 4.49 | 528   |
|     | H25CS008                              | 9050B                                   | 71,200 LBS, 2.74 CY BUCKET             | 240 HP                         | D-off   | \$286,920      | 58.73                         | 14.59   | 19.13                  | 5.03 | 6.65 | 714   |
|     | H25CS009                              | 9060B                                   | 99,660 LBS, 4.17 CY BUCKET             | 300 HP                         | D-off   | \$430,499      | 85.65                         | 21.90   | 28.70                  | 7.55 | 8.32 | 1,000 |
|     | <b>FIATALLIS</b>                      |   |  |                                |         |                |                               |         |                        |      |      |       |
|     | H25FI012                              | FX240 LC                                | 54,674 LBS, 1.85 CY BUCKET             | 165 HP                         | D-off   | \$171,621      | 36.01                         | 8.73    | 11.44                  | 3.01 | 4.57 | 517   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                              |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                                 | MODEL          | EQUIPMENT DESCRIPTION                        | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>H25</b> | <i>FIATALLIS (continued)</i>           |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25FI013                               | FX270 LC       | 59,304 LBS, 1.85 CY BUCKET                   | 188 HP                         | D-off   | \$188,016      | 39.75                         | 9.56    | 12.53                  | 3.30 | 5.21 | 583 |
|            | H25FI014                               | FX350 LC       | 78,925 LBS, 2.35 CY BUCKET                   | 215 HP                         | D-off   | \$238,644      | 49.48                         | 12.15   | 15.91                  | 4.19 | 5.96 | 759 |
|            | <b>HITACHI CONSTRUCTION MACHINERY</b>  |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25HI005                               | EX200LC-3      | 43,120 LBS, 1.05 CY BUCKET                   | 132 HP                         | D-off   | \$208,549      | 40.94                         | 10.61   | 13.90                  | 3.66 | 3.66 | 359 |
|            | H25HI009                               | EX270          | 57,200 LBS, 1.50 CY BUCKET                   | 161 HP                         | D-off   | \$279,328      | 54.17                         | 14.21   | 18.62                  | 4.90 | 4.46 | 463 |
|            | H25HI010                               | EX270LC        | 60,500 LBS, 1.50 CY BUCKET, LONG<br>CARRIAGE | 161 HP                         | D-off   | \$289,533      | 55.91                         | 14.73   | 19.30                  | 5.08 | 4.46 | 496 |
|            | H25HI011                               | EX400-3        | 90,200 LBS, 2.38 CY BUCKET                   | 296 HP                         | D-off   | \$476,185      | 93.26                         | 24.23   | 31.75                  | 8.35 | 8.21 | 908 |
|            | H25HI012                               | EX400LC-3      | 96,800 LBS, 2.38 CY BUCKET, LONG<br>CARRIAGE | 296 HP                         | D-off   | \$495,546      | 96.56                         | 25.21   | 33.04                  | 8.69 | 8.21 | 970 |
|            | <b>HYUNDIRA CONSTRUCTION EQUIPMENT</b> |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25HU002                               | ROBEX 180LC-3  | 39,600 LBS, 1.35 CY BUCKET, LONG<br>CARRIAGE | 126 HP                         | D-off   | \$127,365      | 26.86                         | 6.47    | 8.49                   | 2.23 | 3.49 | 396 |
|            | H25HU003                               | ROBEX 290LC-3  | 64,200 LBS, 2.09 CY BUCKET, LONG<br>CARRIAGE | 183 HP                         | D-off   | \$176,858      | 37.64                         | 8.99    | 11.79                  | 3.10 | 5.07 | 622 |
|            | H25HU004                               | ROBEX 320LC-3  | 70,330 LBS, 2.22 CY BUCKET, LONG<br>CARRIAGE | 230 HP                         | D-off   | \$206,917      | 44.70                         | 10.52   | 13.79                  | 3.63 | 6.38 | 697 |
|            | H25HU005                               | ROBEX 450LC-3  | 97,870 LBS, 3.14 CY BUCKET, LONG<br>CARRIAGE | 297 HP                         | D-off   | \$257,219      | 56.02                         | 13.08   | 17.15                  | 4.51 | 8.23 | 979 |
|            | <b>DEERE &amp; COMPANY</b>             |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25JD021                               | 200 LC         | 44,660 LBS, 0.95 CY BUCKET                   | 140 HP                         | D-off   | \$179,584      | 36.33                         | 9.13    | 11.97                  | 3.15 | 3.88 | 448 |
|            | H25JD015                               | 690E-LC        | 45,100 LBS, 1.12 CY BUCKET                   | 130 HP                         | D-off   | \$171,295      | 34.50                         | 8.71    | 11.42                  | 3.00 | 3.60 | 428 |
|            | H25JD016                               | 790E-LC        | 51,700 LBS, 1.34 CY BUCKET                   | 155 HP                         | D-off   | \$216,186      | 43.19                         | 11.00   | 14.41                  | 3.79 | 4.30 | 491 |
|            | H25JD017                               | 792D-LC        | 60,060 LBS, 1.75 CY BUCKET                   | 165 HP                         | D-off   | \$241,419      | 47.88                         | 12.28   | 16.09                  | 4.23 | 4.57 | 603 |
|            | H25JD018                               | 892E-LC        | 67,320 LBS, 2.30 CY BUCKET                   | 220 HP                         | D-off   | \$275,068      | 55.89                         | 13.99   | 18.34                  | 4.82 | 6.10 | 638 |
|            | H25JD019                               | 992E-LC        | 97,460 LBS, 2.30 CY BUCKET                   | 285 HP                         | D-off   | \$423,106      | 83.77                         | 21.52   | 28.21                  | 7.42 | 7.90 | 976 |
|            | <b>KOBELCO AMERICA, INC.</b>           |                |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25KC009                               | SK200LC MARKIV | 45,760 LBS, 1.06 CY BUCKET                   | 141 HP                         | D-off   | \$178,561      | 36.21                         | 9.08    | 11.90                  | 3.13 | 3.91 | 459 |
|            | H25KC010                               | SK220LC MARKIV | 55,660 LBS, 1.36 CY BUCKET                   | 175 HP                         | D-off   | \$208,528      | 42.70                         | 10.61   | 13.90                  | 3.66 | 4.85 | 558 |
|            | H25KC011                               | SK300LC MARKIV | 73,040 LBS, 1.83 CY BUCKET                   | 238 HP                         | D-off   | \$294,884      | 60.01                         | 15.00   | 19.66                  | 5.17 | 6.60 | 733 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|---|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.  | MODEL          | EQUIPMENT DESCRIPTION                        | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
| <b>H25</b> | <b>KOBELCO AMERICA, INC. (continued)</b>                  |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | H25KC012  | SK400LC MARKIV | 100,760 LBS, 2.35 CY BUCKET                  | 306 HP                         | D-off   | \$399,086      | 80.54                         | 20.31   | 26.61                  | 7.00  | 8.48  | 1,009 |
|            | <b>KOMATSU DRESSER COMPANY</b>                            |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | H25KM003  | PC 200 LC-6    | 46,860 LBS, 1.00 CY BUCKET                   | 133 HP                         | D-off   | \$221,037      | 43.12                         | 11.25   | 14.74                  | 3.88  | 3.69  | 470   |
|            | H25KM004  | PC 220 LC-6    | 53,020 LBS, 1.50 CY BUCKET, LONG<br>CARRIAGE | 158 HP                         | D-off   | \$252,582      | 49.50                         | 12.85   | 16.84                  | 4.43  | 4.38  | 532   |
|            | H25KM005  | PC 300 LC-5    | 68,640 LBS, 1.88 CY BUCKET, LONG<br>CARRAIGE | 207 HP                         | D-off   | \$347,140      | 67.62                         | 17.66   | 23.14                  | 6.09  | 5.74  | 1,047 |
|            | <b>LINK BELT CONSTRUCTION COMPANY</b>                     |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | H25LB004  | LS-2800        | 44,440 LBS, 1.25 CY BUCKET                   | 125 HP                         | D-off   | \$170,791      | 34.23                         | 8.70    | 11.39                  | 3.00  | 3.46  | 393   |
|            | H25LB005  | LS-3400        | 53,020 LBS, 1.50 CY BUCKET                   | 153 HP                         | D-off   | \$217,437      | 43.32                         | 11.06   | 14.50                  | 3.81  | 4.24  | 533   |
|            | H25LB006  | LS-4300        | 73,570 LBS, 2.125 CY BUCKET                  | 214 HP                         | D-off   | \$267,649      | 54.37                         | 13.61   | 17.84                  | 4.69  | 5.93  | 695   |
|            | H25LB007  | LS-5800        | 99,440 LBS, 2.75 CY BUCKET                   | 280 HP                         | D-off   | \$402,892      | 80.12                         | 20.50   | 26.86                  | 7.07  | 7.76  | 967   |
|            | <b>SAMSUNG CONSTRUCTION EQUIPMENT</b>                     |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | H25SS006  | SE210LC-3      | 44,100 LBS, 1.38 CY BUCKET                   | 143 HP                         | D-off   | \$161,367      | 33.36                         | 8.21    | 10.76                  | 2.83  | 3.96  | 467   |
|            | H25SS007  | SE280LC-2      | 49,970 LBS, 2.03 CY BUCKET                   | 178 HP                         | D-off   | \$211,506      | 43.33                         | 10.76   | 14.10                  | 3.71  | 4.93  | 660   |
|            | H25SS008  | SE350LC-2      | 77,600 LBS, 2.45 CY BUCKET                   | 247 HP                         | D-off   | \$255,375      | 53.65                         | 12.99   | 17.02                  | 4.48  | 6.85  | 813   |
|            | <b>SUBCATEGORY 0.13 OVER 100,000 LBS THRU 160,000 LBS</b> |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>CATERPILLAR, INC.</b>                                  |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | H25CA029  | 350 L          | 110,880 LBS, 3.50 CY BUCKET, MASS BOOM       | 286 HP                         | D-off   | \$483,419      | 79.08                         | 19.38   | 22.83                  | 7.97  | 7.93  | 1,050 |
|            | H25CA030  | 375            | 169,180 LBS, 5.00 CY BUCKET                  | 428 HP                         | D-off   | \$791,488      | 128.04                        | 31.74   | 37.38                  | 13.05 | 11.86 | 1,735 |
|            | <b>HITACHI CONSTRUCTION MACHINERY</b>                     |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | H25HI020  | EX1800-2       | 145,640 LBS, 12.40 CY BUCKET                 | 1,000 HP                       | D-off   | \$1,585,636    | 261.56                        | 63.58   | 74.88                  | 26.14 | 27.72 | 3,900 |
|            | H25HI019  | EX700          | 146,080 LBS, 3.79 CY BUCKET                  | 414 HP                         | D-off   | \$842,072      | 134.74                        | 33.76   | 39.76                  | 13.88 | 11.48 | 1,510 |
|            | <b>KOBELCO AMERICA, INC.</b>                              |                |  |                                |         |                |                               |         |                        |       |       |       |
|            | H25KC015  | SK400LC MARKIV | 100,760 LBS, 5.00 CY BUCKET                  | 306 HP                         | D-off   | \$422,673      | 71.12                         | 16.95   | 19.96                  | 6.97  | 8.48  | 1,075 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10  |              |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|-----|--|--------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|     | ID.NO.   | MODEL        | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|     | <b>KOMATSU DRESSER COMPANY</b>                     |              |   |                                |         |                |                               |         |                        |       |       |       |
|     | H25KM006   | PC 650-5     | 148,060 LBS, 3.50 CY BUCKET   | 404 HP                         | D-off   | \$804,475      | 129.03                        | 32.26   | 37.99                  | 13.26 | 11.20 | 1,547 |
|     | <b>SUBCATEGORY 0.14 OVER 160,000 LBS</b>           |              |   |                                |         |                |                               |         |                        |       |       |       |
|     | <b>CATERPILLAR, INC.</b>                           |              |   |                                |         |                |                               |         |                        |       |       |       |
|     | H25CA031   | 375 L        | 167,070 LBS, 6.00 CY BUCKET, MASS BOOM                                      | 428 HP                         | D-off   | \$830,151      | 139.79                        | 33.29   | 39.20                  | 13.69 | 11.86 | 1,814 |
|     | <b>HITACHI CONSTRUCTION MACHINERY</b>              |              |   |                                |         |                |                               |         |                        |       |       |       |
|     | H25HI021   | EX3500-2     | 726,000 LBS, 22.20 CY BUCKET  | 1,760 HP                       | D-off   | \$3,416,105    | 575.24                        | 136.98  | 161.32                 | 56.32 | 48.79 | 7,280 |
|     | <b>KOMATSU DRESSER COMPANY</b>                     |              |   |                                |         |                |                               |         |                        |       |       |       |
|     | H25KM008   | PC 1000 SE-1 | 183,700 LBS, 7.50 CY BUCKET   | 542 HP                         | D-off   | \$1,206,862    | 200.32                        | 48.39   | 56.99                  | 19.90 | 15.02 | 2,004 |
|     | H25KM007   | PC 1000 LC-1 | 227,260 LBS, 5.60 CY BUCKET   | 542 HP                         | D-off   | \$1,204,887    | 200.02                        | 48.31   | 56.90                  | 19.86 | 15.02 | 2,115 |
|     | <b>O &amp; K</b>                                   |              |   |                                |         |                |                               |         |                        |       |       |       |
|     | H25OK001   | RH 30 E      | 169,400 LBS, 6.90 CY BUCKET   | 400 HP                         | D-off   | \$670,038      | 114.81                        | 26.87   | 31.64                  | 11.05 | 11.09 | 1,732 |
|     | <b>SUBCATEGORY 0.21 ATTACHMENTS, MOBILE SHEARS</b> |              |   |                                |         |                |                               |         |                        |       |       |       |
|     | <b>LABOUNTY</b>                                    |              |   |                                |         |                |                               |         |                        |       |       |       |
|     | H25LU001   | MSD 7        | MOBILE SHEAR - 10" OPENING, 4' 7" REACH<br>(ADD .10 CY EXCAVATOR)           |                                |         | \$17,679       | 6.61                          | 1.57    | 2.50                   | 0.32  | 0.00  | 10    |
|     | H25LU002   | MSD 7R       | ROTATING MOBILE SHEAR - 10" OPENING, 5'<br>0" REACH (ADD .20 CY EXCAVATOR)  |                                |         | \$23,737       | 8.86                          | 2.12    | 3.36                   | 0.44  | 0.00  | 11    |
|     | H25LU003   | MSD 15       | MOBILE SHEAR - 18" OPENING, 6' 6" REACH<br>(ADD .35 CY EXCAVATOR)           |                                |         | \$37,348       | 13.95                         | 3.34    | 5.29                   | 0.69  | 0.00  | 30    |
|     | H25LU004   | MSD 15R      | ROTATING MOBILE SHEAR - 18" OPENING, 8'<br>6" REACH (ADD .40 CY EXCAVATOR)  |                                |         | \$47,766       | 17.72                         | 4.26    | 6.77                   | 0.88  | 0.00  | 35    |
|     | H25LU005   | MSD 30       | MOBILE SHEAR - 22" OPENING, 7' 0" REACH<br>(ADD .50 CY EXCAVATOR)           |                                |         | \$51,019       | 19.07                         | 4.55    | 7.23                   | 0.94  | 0.00  | 60    |
|     | H25LU006   | MSD 30R      | ROTATING MOBILE SHEAR - 22" OPENING, 10'<br>4" REACH (ADD .88 CY EXCAVATOR) |                                |         | \$75,438       | 28.06                         | 6.73    | 10.69                  | 1.39  | 0.00  | 60    |
|     | H25LU007   | MSD 40-III   | MOBILE SHEAR - 27" OPENING, 8' 6" REACH<br>(ADD 1.0 CY EXCAVATOR)           |                                |         | \$61,876       | 23.19                         | 5.52    | 8.77                   | 1.14  | 0.00  | 68    |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |              |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|--------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL        | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |              |   |                                |         |                |                               |         |                        |      |      |     |
| <b>H25</b> | <b>LABOUNTY (continued)</b>                            |              |   |                                |         |                |                               |         |                        |      |      |     |
|            | H25LU008   | MSD 40R-III  | ROTATING MOBILE SHEAR - 27" OPENING, 12' 6" REACH (ADD 1.25 CY EXCAVATOR) |                                |         | \$85,793       | 31.80                         | 7.66    | 12.15                  | 1.58 | 0.00 | 87  |
|            | H25LU009   | MSD 50-III   | MOBILE SHEAR - 32" OPENING, 9' 0" REACH (ADD 1.25 CY EXCAVATOR)           |                                |         | \$89,447       | 33.18                         | 7.97    | 12.67                  | 1.64 | 0.00 | 105 |
|            | H25LU010   | MSD 50R-III  | ROTATING MOBILE SHEAR - 32" OPENING, 13' 4" REACH (ADD 1.6 CY EXCAVATOR)  |                                |         | \$111,974      | 41.42                         | 9.99    | 15.86                  | 2.06 | 0.00 | 120 |
|            | H25LU011   | MSD 70-III   | MOBILE SHEAR - 35" OPENING, 10' 4" REACH (ADD 1.75 CY EXCAVATOR)          |                                |         | \$107,210      | 39.74                         | 9.56    | 15.19                  | 1.97 | 0.00 | 127 |
|            | H25LU012   | MSD 70R-III  | ROTATING MOBILE SHEAR - 35" OPENING, 14' 4" REACH (ADD 2.0 CY EXCAVATOR)  |                                |         | \$135,837      | 50.32                         | 12.12   | 19.24                  | 2.50 | 0.00 | 149 |
|            | H25LU013   | MSD 100-III  | MOBILE SHEAR - 38" OPENING, 11' 6" REACH (ADD 2.3 CY EXCAVATOR)           |                                |         | \$136,115      | 50.51                         | 12.14   | 19.28                  | 2.50 | 0.00 | 149 |
|            | H25LU014   | MSD 100R-III | ROTATING MOBILE SHEAR - 38" OPENING 16' 0" REACH (ADD 2.5 CY EXCAVATOR)   |                                |         | \$163,903      | 60.70                         | 14.62   | 23.22                  | 3.01 | 0.00 | 175 |
|            | H25LU015   | MSD 140      | MOBILE SHEAR - 44" OPENING, 13' 10' REACH (ADD 3.0 CY EXCAVATOR)          |                                |         | \$152,189      | 56.58                         | 13.58   | 21.56                  | 2.80 | 0.00 | 195 |
|            | H25LU016   | MSD 140R     | ROTATING MOBILE SHEAR - 44" OPENING, 18' 6" REACH (ADD 3.6 CY EXCAVATOR)  |                                |         | \$187,830      | 69.72                         | 16.75   | 26.61                  | 3.45 | 0.00 | 245 |
|            | <b>SUBCATEGORY 0.22 ATTACHMENTS, MATERIAL HANDLING</b> |              |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>BALDERSON, INC.</b>                                 |              |   |                                |         |                |                               |         |                        |      |      |     |
|            | H25BS001   |              | 0.50 CY BUCKET, SHOVEL/BACKHOE, W/TIPS                                    |                                |         | \$4,143        | 1.34                          | 0.36    | 0.55                   | 0.08 | 0.00 | 10  |
|            | H25BS002   |              | 0.75 CY BUCKET, SHOVEL/BACKHOE, W/TIPS                                    |                                |         | \$4,824        | 1.55                          | 0.41    | 0.64                   | 0.09 | 0.00 | 16  |
|            | H25BS003   |              | 1.25 CY BUCKET, SHOVEL/BACKHOE, W/TIPS                                    |                                |         | \$5,347        | 1.72                          | 0.45    | 0.71                   | 0.10 | 0.00 | 30  |
|            | H25BS004   |              | 1.50 CY BUCKET, SHOVEL/BACKHOE, W/TIPS                                    |                                |         | \$6,479        | 2.09                          | 0.55    | 0.86                   | 0.12 | 0.00 | 22  |
|            | H25BS005   |              | 3.25 CY BUCKET, SHOVEL/BACKHOE, W/TIPS                                    |                                |         | \$10,212       | 3.29                          | 0.87    | 1.36                   | 0.19 | 0.00 | 52  |
|            | <b>LABOUNTY</b>  |              |   |                                |         |                |                               |         |                        |      |      |     |
|            | H25LU023   | 100 TR       | 1.25 CY GRAPPLE - 3 TINES TOP, 4 TINES BOTTOM (ADD .50 CY EXCAVATOR)      |                                |         | \$9,920        | 3.45                          | 0.85    | 1.32                   | 0.19 | 0.00 | 18  |
|            | H25LU024   | 110 TR       | 3.50 CY GRAPPLE - 3 TINES TOP, 4 TINES BOTTOM (ADD .88 CY EXCAVATOR)      |                                |         | \$14,486       | 4.97                          | 1.23    | 1.93                   | 0.27 | 0.00 | 27  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                   |  |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|-----------------------------|--|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                      | MODEL                                    | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>H25</b> | <b>LABOUNTY (continued)</b> |  |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25LU025                    | 120 TR                                   | 3.50 CY GRAPPLE - 3 TINES TOP, 4 TINES<br>BOTTOM (ADD 1.25 CY EXCAVATOR) |                                |         | \$17,915       | 6.19                          | 1.54    | 2.39                   | 0.34 | 0.00 | 35  |
|            | H25LU026                    | 140 TR                                   | 5.50 CY GRAPPLE - 3 TINES TOP, 4 TINES<br>BOTTOM (ADD 1.6 CY EXCAVATOR)  |                                |         | \$20,551       | 7.14                          | 1.76    | 2.74                   | 0.39 | 0.00 | 49  |
|            | H25LU027                    | 160 TR                                   | 6.50 CY GRAPPLE - 3 TINES TOP, 4 TINES<br>BOTTOM (ADD 2.3 CY EXCAVATOR)  |                                |         | \$23,119       | 8.07                          | 1.98    | 3.08                   | 0.44 | 0.00 | 60  |
|            | H25LU028                    | 170 TR                                   | 9.00 CY GRAPPLE - 3 TINES TOP, 4 TINES<br>BOTTOM (ADD 3.0 CY EXCAVATOR)  |                                |         | \$29,742       | 10.31                         | 2.54    | 3.97                   | 0.56 | 0.00 | 80  |
|            | H25LU029                    | RB 80                                    | ROTATING BARREL HANDLER (ADD<br>EXCAVATOR)                               |                                |         | \$23,036       | 7.84                          | 1.97    | 3.07                   | 0.44 | 0.00 | 17  |
|            | H25LU030                    | RBC 80                                   | ROTATING BARREL HANDLER/CRUSHER<br>(ADD 1.0 CY EXCAVATOR)                |                                |         | \$35,567       | 12.08                         | 3.04    | 4.74                   | 0.67 | 0.00 | 21  |
|            | H25LU031                    | MD 30                                    | MATERIAL DENSIFIER - 50,000 LB. (ADD 1.25<br>CY EXCAVATOR)               |                                |         | \$58,911       | 20.21                         | 5.04    | 7.85                   | 1.11 | 0.00 | 60  |
|            | H25LU032                    | MD 50                                    | MATERIAL DENSIFIER - 70,000 LB. (ADD 1.75<br>CY EXCAVATOR)               |                                |         | \$70,726       | 24.24                         | 6.05    | 9.43                   | 1.34 | 0.00 | 90  |
|            | H25LU033                    | R80                                      | 0.75 CY ROTATING GRAPPLE (ADD 0.88 CY<br>EXCAVATOR)                      |                                |         | \$31,969       | 10.92                         | 2.73    | 4.26                   | 0.60 | 0.00 | 22  |
|            | H25LU034                    | R100                                     | 1.00 CY ROTATING GRAPPLE (ADD 1.25 CY<br>EXCAVATOR)                      |                                |         | \$43,143       | 14.73                         | 3.69    | 5.75                   | 0.82 | 0.00 | 40  |
|            | H25LU035                    | R110                                     | 1.25 CY ROTATING GRAPPLE (ADD 1.75 CY<br>EXCAVATOR)                      |                                |         | \$46,003       | 15.75                         | 3.94    | 6.13                   | 0.87 | 0.00 | 64  |
|            | H25LU036                    | R120                                     | 2.00 CY ROTATING GRAPPLE (ADD 2.30 CY<br>EXCAVATOR)                      |                                |         | \$48,773       | 16.74                         | 4.17    | 6.50                   | 0.92 | 0.00 | 84  |
|            |                             |  | <b>WAIN-ROY, INC.</b>  |                                |         |                |                               |         |                        |      |      |     |
|            | H25WN001                    |  | 36" PAVEMENT-REMOVAL BUCKET (ADD 200<br>HP HYD EXCAVATOR)                |                                |         | \$10,811       | 3.49                          | 0.92    | 1.44                   | 0.20 | 0.00 | 31  |
|            | <b>SUBCATEGORY 0.23</b>     | <b>ATTACHMENTS, CONCRETE PULVERIZERS</b> |  |                                |         |                |                               |         |                        |      |      |     |
|            |                             |  | <b>KENT DEMOLITION TOOLS</b>   |                                |         |                |                               |         |                        |      |      |     |
|            | H25KN001                    | KHB10G 11                                | HYDRA RAM, 2000 LB W/POINT FOR 8-12 TON<br>EXCAVATOR                     |                                |         | \$26,999       | 10.58                         | 2.41    | 3.82                   | 0.50 | 0.00 | 16  |
|            | H25KN002                    | KHB15G 11                                | HYDRA RAM, 3000 LB W/POINT FOR 13-18<br>TON EXCAVATOR                    |                                |         | \$37,404       | 14.47                         | 3.34    | 5.30                   | 0.69 | 0.00 | 29  |
|            | H25KN003                    | KHB20G 11                                | HYDRA RAM, 4000 LB W/POINT FOR 18-25<br>TON EXCAVATOR                    |                                |         | \$45,756       | 17.58                         | 4.08    | 6.48                   | 0.84 | 0.00 | 40  |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                |           |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|--|-----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                                   | MODEL     | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|            |  |           |  |                                |         |                |                               |         |                        |      |      |     |
| <b>H25</b> | <b>KENT DEMOLITION TOOLS (continued)</b> |           |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25KN004                                 | KHB30G 11 | HYDRA RAM, 5000 LB W/POINT FOR 25-32 TON EXCAVATOR   |                                |         | \$59,330       | 22.66                         | 5.29    | 8.41                   | 1.09 | 0.00 | 46  |
|            | H25KN005                                 | KHB40G 11 | HYDRA RAM, 7000 LB W/POINT FOR 32-44 TON EXCAVATOR   |                                |         | \$74,620       | 28.86                         | 6.66    | 10.57                  | 1.37 | 0.00 | 60  |
|            | H25KN006                                 | KHB50G 11 | HYDRA RAM, 10,000 LB W/POINT FOR OVER 44 TON EXCAVATOR   |                                |         | \$105,830      | 40.51                         | 9.44    | 14.99                  | 1.94 | 0.00 | 87  |
|            | <b>LABOUNTY</b>                          |           |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25LU045                                 | CP 30     | CONCRETE PULVERIZER - 14.5" THICK CONCRETE (ADD 0.75 CY EXCAVATOR)   |                                |         | \$20,247       | 8.06                          | 1.81    | 2.87                   | 0.37 | 0.00 | 21  |
|            | H25LU046                                 | CP 40     | CONCRETE PULVERIZER - 24" THICK CONCRETE (ADD 1.0 CY EXCAVATOR)  |                                |         | \$21,685       | 8.60                          | 1.94    | 3.07                   | 0.40 | 0.00 | 23  |
|            | H25LU047                                 | CP 60     | CONCRETE PULVERIZER - 30" THICK CONCRETE (ADD 1.75 CY EXCAVATOR)   |                                |         | \$25,188       | 10.00                         | 2.25    | 3.57                   | 0.46 | 0.00 | 26  |
|            | H25LU048                                 | CP 80     | CONCRETE PULVERIZER - 36" THICK CONCRETE (ADD 2.0 CY EXCAVATOR)  |                                |         | \$28,034       | 11.17                         | 2.50    | 3.97                   | 0.52 | 0.00 | 37  |
|            | H25LU049                                 | CP 100    | CONCRETE PULVERIZER - 42" THICK CONCRETE (ADD 3.0 CY EXCAVATOR)  |                                |         | \$33,967       | 13.48                         | 3.02    | 4.81                   | 0.62 | 0.00 | 49  |
|            | H25LU050                                 | CP 120    | CONCRETE PULVERIZER - 48" THICK CONCRETE (ADD 3.5 CY EXCAVATOR)  |                                |         | \$41,582       | 16.42                         | 3.71    | 5.89                   | 0.76 | 0.00 | 78  |
|            | H25LU040                                 | UP 50     | UNIVERSAL PROCESSOR W/ CONCRETE PULVERIZER JAWS - 36" OPENING, 12' 6" REACH (ADD 1.25 CY EXCAVATOR)            |                                |         | \$83,081       | 31.77                         | 7.42    | 11.77                  | 1.53 | 0.00 | 82  |
|            | H25LU041                                 | UP 70     | UNIVERSAL PROCESSOR W/ CONCRETE PULVERIZER JAWS - 48.25" OPENING, 14' 0" REACH (ADD 1.60 CY EXCAVATOR)         |                                |         | \$105,330      | 40.08                         | 9.40    | 14.92                  | 1.94 | 0.00 | 97  |
|            | H25LU042                                 | UP 90     | UNIVERSAL PROCESSOR W/ CONCRETE PULVERIZER JAWS - 62" OPENING, 13' 0" REACH (ADD 2.30 CY EXCAVATOR)            |                                |         | \$128,141      | 49.35                         | 11.43   | 18.15                  | 2.36 | 0.00 | 166 |
|            | H25LU053                                 | UP 50     | UNIVERSAL PROCESSOR W/ DEMOLITION COMBO STEEL & CONCRETE JAW, 41" OPENING 12' 6" REACH (ADD 1.25 CY EXCAVATOR) |                                |         | \$94,259       | 35.94                         | 8.40    | 13.35                  | 1.73 | 0.00 | 96  |
|            | H25LU054                                 | HP 70     | UNIVERSAL PROCESSOR W/ STEEL PLATE SHEAR JAW, 21" OPENING 14' 0" REACH (ADD 1.60 CY EXCAVATOR)                 |                                |         | \$116,101      | 44.10                         | 10.36   | 16.45                  | 2.13 | 0.00 | 126 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                       |          |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|---|----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL    | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|            | <b>SUBCATEGORY 0.24 ATTACHMENTS, COMPACTORS</b> |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>AMERICAN COMPACTION EQUIPMENT, INC.</b>      |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25AX001  | DC-24BL  | 23" WIDE, SHEEPS FOOT ROLLER, 3 RIMS FOR 12.5-25 TON EXCAVATOR |                                |         | \$6,037        | 2.26                          | 0.54    | 0.86                   | 0.11 | 0.00 | 21  |
|            | H25AX003  | DC-24EX  | 23" WIDE, SHEEPS FOOT ROLLER, 3 RIMS FOR 25-37.5 TON EXCAVATOR |                                |         | \$7,468        | 2.79                          | 0.67    | 1.06                   | 0.14 | 0.00 | 31  |
|            | H25AX005  | DC-24EXL | 24" WIDE, SHEEPS FOOT ROLLER, 3 RIMS FOR 37.5-55 TON EXCAVATOR |                                |         | \$8,208        | 3.06                          | 0.73    | 1.16                   | 0.15 | 0.00 | 35  |
|            | H25AX002  | DC-36BL  | 35" WIDE, SHEEPS FOOT ROLLER, 4 RIMS FOR 12.5-25 TON EXCAVATOR |                                |         | \$6,591        | 2.46                          | 0.58    | 0.93                   | 0.12 | 0.00 | 25  |
|            | H25AX004  | DC-36EX  | 35" WIDE, SHEEPS FOOT ROLLER, 4 RIMS FOR 25-37.5 TON EXCAVATOR |                                |         | \$8,532        | 3.19                          | 0.77    | 1.21                   | 0.16 | 0.00 | 37  |
|            | H25AX006  | DC-36EXL | 36" WIDE, SHEEPS FOOT ROLLER, 4 RIMS FOR 37.5-55 TON EXCAVATOR |                                |         | \$9,316        | 3.48                          | 0.83    | 1.32                   | 0.17 | 0.00 | 43  |
|            | <b>KENT DEMOLITION TOOLS</b>                    |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | H25KN007  | KHP-30   | SOIL COMPACTOR & SHEET DRIVER IMPULSE FORCE - 3,000 LBS        |                                |         | \$3,807        | 1.57                          | 0.34    | 0.54                   | 0.07 | 0.00 | 4   |
|            | H25KN009  | KHP-135  | SOIL COMPACTOR & SHEET DRIVER IMPULSE FORCE - 13,500 LBS       |                                |         | \$7,767        | 3.05                          | 0.69    | 1.10                   | 0.14 | 0.00 | 14  |
|            | H25KN010  | KHP-210  | SOIL COMPACTOR & SHEET DRIVER IMPULSE FORCE - 20,000 LBS       |                                |         | \$11,602       | 4.48                          | 1.03    | 1.64                   | 0.21 | 0.00 | 23  |
| <b>H30</b> | <b>HYDRAULIC EXCAVATORS, WHEEL MOUNTED</b>      |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.01 0 THRU 1.0 CY</b>           |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CATERPILLAR, INC.</b>                        |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | H30CA005  | M318     | 1.00 CY BUCKET, 4X4  | 128 HP                         | D-off   | \$184,453      | 41.65                         | 12.41   | 18.10                  | 3.36 | 3.33 | 337 |
|            | <b>GRADALL COMPANY</b>                          |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | H30GA001  | G3W      | 0.500 CY BUCKET, 4X4   | 125 HP                         | D-off   | \$165,524      | 40.24                         | 11.14   | 16.24                  | 3.02 | 4.97 | 380 |
|            | H30GA003  | G3WD     | 0.625 CY BUCKET, 4X2,TELESCOPIC BOOM                           | 37 HP                          | D-off   | \$151,713      | 33.95                         | 10.22   | 14.92                  | 2.76 | 2.56 | 340 |
|            | H30GA004  | G3WD     | 0.625 CY BUCKET, 4X4,TELESCOPIC BOOM                           | 37 HP                          | D-off   | \$167,561      | 37.08                         | 11.27   | 16.45                  | 3.05 | 2.56 | 347 |
|            | H30GA006  | XL4100   | 0.750 CY BUCKET, 6X4,TELESCOPIC BOOM                           | 145 HP                         | D-off   | \$245,716      | 56.93                         | 16.56   | 24.16                  | 4.48 | 5.46 | 451 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT   | REGION 10                                       |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       |        |
|---|---|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|--------|
|   | ID.NO.  | MODEL    | EQUIPMENT DESCRIPTION                   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  | CWT    |
|   | <b>SUBCATEGORY 0.02 OVER 1.0 CY</b>             |          |   |                                |         |                |                               |         |                        |       |       |        |
|   | <b>MORROW EQUIPMENT COMPANY</b>                 |          |   |                                |         |                |                               |         |                        |       |       |        |
|   | H30LH001  | A902     | 0.75 CY BUCKET, 4X4                     | 99 HP                          | D-off   | \$149,849      | 30.83                         | 8.78    | 12.40                  | 2.58  | 2.58  | 397    |
| <b>H35 HYDRAULIC SHOVELS, CRAWLER MOUNTED</b> |   |          |   |                                |         |                |                               |         |                        |       |       |        |
|   | <b>SUBCATEGORY 0.12 DIESEL, OVER 5.0 CY</b>     |          |   |                                |         |                |                               |         |                        |       |       |        |
|   | <b>HITACHI CONSTRUCTION MACHINERY</b>           |          |   |                                |         |                |                               |         |                        |       |       |        |
|   | H35HI004  | EX700    | 5.23 CY BUCKET, SHOVEL                  | 414 HP                         | D-off   | \$921,040      | 168.33                        | 39.74   | 48.93                  | 15.28 | 11.48 | 1,588  |
|   | H35HI002  | EX1800-2 | 13.50 CY BUCKET, SHOVEL                 | 1,000 HP                       | D-off   | \$1,664,409    | 313.32                        | 71.83   | 88.42                  | 27.62 | 27.72 | 3,900  |
|   | H35HI003  | EX3500-2 | 23.50 CY BUCKET, SHOVEL                 | 1,760 HP                       | D-off   | \$3,417,494    | 632.71                        | 147.49  | 181.55                 | 56.71 | 48.79 | 7,360  |
|   | <b>O &amp; K</b>                                |          |   |                                |         |                |                               |         |                        |       |       |        |
|   | H35OK001  | RH 40 E  | 9.20 CY BUCKET, SHOVEL                  | 496 HP                         | D-off   | \$910,103      | 169.48                        | 39.27   | 48.35                  | 15.10 | 13.75 | 2,204  |
|   | H35OK003  | RH 90 C  | 13.10 CY BUCKET, SHOVEL                 | 856 HP                         | D-off   | \$1,683,586    | 311.30                        | 72.66   | 89.44                  | 27.94 | 23.73 | 3,484  |
|   | H35OK004  | RH 120 C | 17.00 CY BUCKET, SHOVEL                 | 1,150 HP                       | D-off   | \$2,329,499    | 429.48                        | 100.54  | 123.75                 | 38.66 | 31.88 | 4,895  |
|   | H35OK005  | RH 200   | 34.00 CY BUCKET, SHOVEL                 | 2,060 HP                       | D-off   | \$4,960,271    | 900.41                        | 214.07  | 263.51                 | 82.31 | 57.10 | 10,582 |
| <b>L10 LAND CLEARING EQUIPMENT</b>            |   |          |   |                                |         |                |                               |         |                        |       |       |        |
|   | <b>SUBCATEGORY 0.00 LAND CLEARING EQUIPMENT</b> |          |   |                                |         |                |                               |         |                        |       |       |        |
|   | <b>BALDERSON, INC.</b>                          |          |   |                                |         |                |                               |         |                        |       |       |        |
|   | L10BS002  | BMA8     | MULTIAPPLICATION RAKE (FOR D8N TRACTOR) |                                |         | \$23,649       | 5.33                          | 1.37    | 1.89                   | 0.42  | 0.00  | 68     |
|   | L10BS004  | BBL7     | BLADE RAKE (FOR D7H TRACTOR)            |                                |         | \$8,167        | 1.99                          | 0.47    | 0.65                   | 0.15  | 0.00  | 24     |
|   | L10BS005  | BRK8     | ROCK & ROOT RAKE (FOR D8N TRACTOR)      |                                |         | \$21,698       | 4.93                          | 1.26    | 1.74                   | 0.39  | 0.00  | 72     |
|   | L10BS006  | RV8N     | V-TREE CUTTER (FOR D8N TRACTOR)         |                                |         | \$34,428       | 7.72                          | 1.98    | 2.75                   | 0.61  | 0.00  | 133    |
|   | L10BS007  | 988 DTC  | LOGGING FORK (FOR 988B LOADER)          |                                |         | \$30,425       | 6.97                          | 1.76    | 2.43                   | 0.54  | 0.00  | 90     |
|   | <b>BUSH HOG</b>                                 |          |   |                                |         |                |                               |         |                        |       |       |        |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                     |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL        | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>L10</b> | <b>BUSH HOG (continued)</b>                   |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | L10BU009                                      | FH174        | FLAIL MOWER, 62" WIDE, 0.5-5" HT, 2" CAP (ADD 30-60 HP TRACTOR)          |                                |         | \$4,069        | 1.77                          | 0.24    | 0.33                   | 0.07 | 0.00 | 10  |
|            | L10BU005                                      | SM-60        | ROTARY CUTTER, 5' WIDTH, MIN TRACTOR LIFT CAP - 3200# @ 24", SIDE MOUNT  |                                |         | \$6,651        | 2.51                          | 0.39    | 0.53                   | 0.12 | 0.00 | 17  |
|            | L10BU010                                      | 278RP        | ROTARY CUTTER, 8' WIDTH, 2.5"-12" HT, CENTER MOUNT (ADD 40HP TRACTOR)    |                                |         | \$5,322        | 1.93                          | 0.30    | 0.43                   | 0.09 | 0.00 | 13  |
|            | L10BU011                                      | 3610         | ROTARY CUTTER, 10.5' WIDTH, 2"-14" HT, STRAIGHT BLADE (ADD 70HP TRACTOR) |                                |         | \$11,130       | 3.87                          | 0.65    | 0.89                   | 0.20 | 0.00 | 46  |
|            | L10BU012                                      | 3615         | ROTARY CUTTER, 15' WIDTH, 2"-14" HT, STRAIGHT BLADE (ADD 80HP TRACTOR)   |                                |         | \$14,022       | 4.98                          | 0.81    | 1.12                   | 0.25 | 0.00 | 51  |
|            | L10BU013                                      | 2620         | ROTARY CUTTER, 20' WIDTH, 2"-14" HT, STRAIGHT BLADE (ADD 90HP TRACTOR)   |                                |         | \$17,035       | 6.12                          | 0.98    | 1.36                   | 0.30 | 0.00 | 63  |
|            | <b>ROME PLOW COMPANY</b>                      |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | L10RM004                                      | RV8N         | V-TREE & BRUSH CUTTER (FOR D8 TRACTOR)                                   |                                |         | \$32,108       | 7.23                          | 1.86    | 2.57                   | 0.57 | 0.00 | 133 |
|            | <b>VERMEER MANUFACTURING COMPANY</b>          |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | L10VE010                                      | SC 252       | STUMPER, 16" DIA WHEEL, TRAILER MTD                                      | 25 HP                          | G       | \$11,098       | 5.27                          | 0.64    | 0.88                   | 0.20 | 2.10 | 11  |
|            | L10VE002                                      | SC 630B      | STUMPER, 18" DIA WHEEL, TRAILER MTD                                      | 34 HP                          | G       | \$11,433       | 6.39                          | 0.66    | 0.91                   | 0.20 | 2.86 | 17  |
|            | L10VE009                                      | SC 672A      | STUMPER, 25" DIA WHEEL, TRAILER MTD                                      | 65 HP                          | G       | \$22,795       | 12.42                         | 1.31    | 1.81                   | 0.41 | 5.46 | 33  |
|            | L10VE005                                      | TS-30        | TREE SPADE, 30" DIAMETER, 24" DEPTH, TRAILER MOUNTED                     | 13 HP                          | G       | \$8,589        | 3.34                          | 0.48    | 0.67                   | 0.15 | 1.09 | 38  |
|            | L10VE006                                      | TS-44A       | TREE SPADE, 44" DIAMETER, 40" DEPTH, TRAILER MOUNTED                     | 13 HP                          | G       | \$20,471       | 5.87                          | 1.17    | 1.62                   | 0.36 | 1.09 | 66  |
|            | L10VE007                                      | TS-50M       | TREE SPADE, 50" DIAMETER, 48" DEPTH (ADD 13,800 GVW TRUCK)               |                                |         | \$19,810       | 5.71                          | 1.14    | 1.58                   | 0.35 | 0.00 | 81  |
| <b>L15</b> | <b>LANDSCAPING EQUIPMENT</b>                  |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 LANDSCAPING EQUIPMENT</b> |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>EXCEL INDUSTRIES</b>                       |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | L15EX014                                      | HUSTLER 1500 | 54" SIDE DISCHARGE DECK  | 20 HP                          | G       | \$5,140        | 5.21                          | 0.61    | 1.03                   | 0.10 | 2.24 | 8   |
|            | L15EX015                                      | HUSTLER 260R | 60" REAR DISCHARGE DECK, W/BAK PAC GRASS CATCHER                         | 22 HP                          | G       | \$7,761        | 6.69                          | 0.93    | 1.55                   | 0.15 | 2.46 | 11  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                           |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|-------------------------------------|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                              | MODEL        | EQUIPMENT DESCRIPTION                                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                                     |              |  |                                |         |                |                               |         |                        |      |      |     |
| <b>L15</b> | <b>EXCEL INDUSTRIES (continued)</b> |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | L15EX001                            | HUSTLER 3300 | 60" DECK, 3-WAY, W/EXTRA HI-LIFT BAC VAC                 | 25 HP                          | G       | \$18,501       | 12.06                         | 2.30    | 3.86                   | 0.37 | 2.80 | 14  |
|            | L15EX016                            | HUSTLER 2500 | 72" DECK, W/FLOAT KIT                                    | 25 HP                          | G       | \$11,393       | 8.79                          | 1.39    | 2.32                   | 0.23 | 2.80 | 10  |
|            | L15EX002                            | HUSTLER 3200 | 72" DECK, STANDARD ROTARY MOWER, W/EXTRA HI-LIFT BAC VAC | 23 HP                          | D-off   | \$20,108       | 10.16                         | 2.50    | 4.20                   | 0.40 | 0.79 | 14  |
|            | L15EX004                            | HUSTLER 3400 | 72" DECK, STANDARD ROTARY MOWER, W/BAC VAC               | 28 HP                          | D-off   | \$20,514       | 10.57                         | 2.55    | 4.28                   | 0.41 | 0.96 | 14  |
|            | L15EX008                            | HUSTLER 6400 | 72" DECK, HEAVY DUTY, DUAL-TRIM                          | 29 HP                          | D-off   | \$30,580       | 15.12                         | 3.75    | 6.31                   | 0.60 | 1.00 | 37  |
|            | L15EX011                            | HUSTLER 4600 | 72" DECK, HEAVY DUTY ROTARY MOWER, W/BAC VAC             | 38 HP                          | D-off   | \$24,789       | 12.96                         | 3.09    | 5.19                   | 0.49 | 1.31 | 15  |
|            | L15EX012                            | HUSTLER 6400 | 72" DECK, HEAVY DUTY MOWER                               | 38 HP                          | G       | \$27,165       | 17.82                         | 3.33    | 5.58                   | 0.54 | 4.26 | 22  |
|            | L15EX010                            | HUSTLER 4500 | 72" DECK, HEAVY DUTY DUAL TRIM ROTARY MOWER, W/BAC VAC   | 54 HP                          | G       | \$24,077       | 18.85                         | 3.00    | 5.04                   | 0.48 | 6.05 | 15  |
|            | L15EX013                            | HUSTLER 9400 | 84" DECK, HEAVY DUTY MOWER                               | 65 HP                          | G       | \$30,187       | 23.21                         | 3.75    | 6.29                   | 0.60 | 7.28 | 43  |
|            | <b>FINN EQUIPMENT</b>               |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | L15FG001                            | T330         | HYDROSEEDER, 3000 GAL, TRUCK MTD (ADD 56,000 GVW TRUCK)  | 109 HP                         | D-off   | \$43,549       | 24.76                         | 5.49    | 9.25                   | 0.86 | 3.75 | 85  |
|            | <b>TORO</b>                         |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | L15TO001                            | SR-21SE      | 21" REAR BAGGER - PUSH MOWER                             | 6 HP                           | G       | \$820          | 1.25                          | 0.11    | 0.17                   | 0.02 | 0.67 | 1   |
|            | L15TO002                            | 8-25         | 32" RIDING MOWER   | 8 HP                           | G       | \$2,254        | 2.18                          | 0.26    | 0.44                   | 0.04 | 0.90 | 4   |
|            | L15TO003                            | 267-H        | 48" DECK GROUNDMASTER W/118 TRACTOR                      | 17 HP                          | G       | \$4,416        | 4.46                          | 0.54    | 0.89                   | 0.09 | 1.90 | 8   |
|            | L15TO004                            | 267-H        | 52" DECK W/GROUNDMASTER W/118 TRACTOR                    | 17 HP                          | G       | \$4,596        | 4.56                          | 0.56    | 0.94                   | 0.09 | 1.90 | 8   |
|            | L15TO006                            | 30223        | 62" DECK W/GROUNDMASTER W/223 TRACTOR                    | 23 HP                          | G       | \$15,164       | 10.24                         | 1.88    | 3.15                   | 0.30 | 2.58 | 18  |
|            | L15TO005                            | 30243        | 62" DECK W/GROUNDMASTER W/223D TRACTR                    | 23 HP                          | D-off   | \$18,570       | 9.45                          | 2.31    | 3.87                   | 0.37 | 0.79 | 20  |
|            | L15TO007                            | 30789        | 72" DECK W/GROUNDMASTER                                  | 45 HP                          | G       | \$16,703       | 14.15                         | 2.06    | 3.47                   | 0.33 | 5.04 | 20  |
|            | L15TO008                            | 30795        | 72" DECK W/GROUNDMASTER W/223D TRACTOR                   | 25 HP                          | D-off   | \$21,023       | 10.66                         | 2.61    | 4.39                   | 0.42 | 0.86 | 25  |
|            | <b>WILLMAR EQUIPMENT CO.</b>        |              |  |                                |         |                |                               |         |                        |      |      |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                       |                 |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|-----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL           | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>L15</b> | <i>WILLMAR EQUIPMENT CO. (continued)</i>        |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | L15WI001  | S-200           | 85 CF DRY CHEMICAL SPREADER (ADD 55 HP FARM TRACTOR)                |                                |         | \$6,746        | 3.05                          | 0.83    | 1.40                   | 0.13 | 0.00 | 15  |
| <b>L20</b> | <b>LIGHTING SETS, TRAILER MOUNTED</b>           |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.10 METALLIC VAPOR</b>          |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>ALLMAND BROTHERS, INC.</b>                   |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | L20AB014  | NITE-LITE 1000  | 6.0 KW 4/1000W, W/GEN SET, TRLR MTD                                 | 12 HP                          | D-off   | \$12,180       | 4.86                          | 0.79    | 1.12                   | 0.23 | 0.44 | 17  |
|            | L20AB012  | MAXI-LITE 4H    | 6.0 KW 4/1000W, WITH GENERATOR SET, HYDRAULIC MAST, TRLR MTD        | 12 HP                          | D-off   | \$16,126       | 6.22                          | 1.04    | 1.48                   | 0.30 | 0.44 | 26  |
|            | L20AB013  | MAXI-LITE 695   | 6.0 KW 4/1250W, WITH GENERATOR SET, CABLE ELECTRIC MAST, TRLR MTD   | 17 HP                          | D-off   | \$13,555       | 5.56                          | 0.88    | 1.25                   | 0.25 | 0.61 | 20  |
|            | L20AB015  | 2200/SE ALT 15  | 15 LAMP, FLASHING ARROW, TRLR MTD, SOLAR PANELS W/ BATTERY CHARGER  |                                |         | \$6,425        | 2.24                          | 0.41    | 0.58                   | 0.12 | 0.00 | 12  |
|            | L20AB016  | 2200/SE APF 25  | 25 LAMP, FLASHING ARROW, TRLR MTD, SOLAR PANELS W/ BATTERY CHARGER  |                                |         | \$6,731        | 2.36                          | 0.44    | 0.61                   | 0.13 | 0.00 | 12  |
|            | <b>AMIDA INDUSTRIES, INC.</b>                   |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | L20AI001  | MITI-LITE 500-4 | 4/500W, W/4.0 KW GEN, TRLR MTD                                      | 4 HP                           | G       | \$4,704        | 2.27                          | 0.30    | 0.43                   | 0.09 | 0.48 | 6   |
|            | L20AI002  | LT5060 D-4      | 4/1000W, W/6.0 KW GEN, TRLR MTD                                     | 11 HP                          | D-off   | \$16,600       | 6.38                          | 1.08    | 1.54                   | 0.31 | 0.41 | 21  |
|            | L20AI003  | LT5080 D-4      | 4/1000W, W/8.0 KW GEN, TRLR MTD, MANUAL-CABLE WINCH RAISED 30' MAST | 16 HP                          | D-off   | \$18,484       | 7.27                          | 1.21    | 1.71                   | 0.35 | 0.59 | 9   |
|            | L20AI004  | LT7080D-6MH     | 6/1000W, W/8.0 KW GEN, TRLR MTD, HYDRAULIC RAISED MAST              | 16 HP                          | D-off   | \$24,599       | 9.41                          | 1.61    | 2.29                   | 0.46 | 0.57 | 35  |
| <b>L25</b> | <b>LINE STRIPING EQUIPMENT</b>                  |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 LINE STRIPING EQUIPMENT</b> |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>M-B COMPANIES, INC.</b>                      |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | L25MB001  | 3-10            | LINE STRIPER, 1 GUN, WALK BEHIND                                    | 5 HP                           | G       | \$2,311        | 2.23                          | 0.15    | 0.22                   | 0.04 | 0.60 | 2   |
|            | L25MB002  | 5-10A           | LINE STRIPER, 1 GUN, WALK BEHIND                                    | 5 HP                           | G       | \$3,104        | 2.73                          | 0.20    | 0.29                   | 0.06 | 0.60 | 6   |
|            | L25MB005  | 5-12            | LINE STRIPER, 2 GUNS, WALK BEHIND                                   | 10 HP                          | G       | \$4,462        | 3.92                          | 0.29    | 0.42                   | 0.08 | 1.19 | 10  |
|            | L25MB003  | 6-28            | LINE STRIPER, 2 GUNS, INTERMEDIATE,                                 | 10 HP                          | G       | \$10,218       | 5.92                          | 0.67    | 0.96                   | 0.19 | 1.19 | 15  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |             |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|--|-------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.   | MODEL       | EQUIPMENT DESCRIPTION                                     | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |  |             |   |                                |         |                |                               |         |                        |      |       |     |
| <b>L25</b> | <b>M-B COMPANIES, INC. (continued)</b>                                   |             |   |                                |         |                |                               |         |                        |      |       |     |
|            | L25MB007   | 220         | LINE STRIPER, 3-4 GUNS, INTERMEDIATE                      | 23 HP                          | G       | \$33,461       | 14.77                         | 2.20    | 3.14                   | 0.63 | 2.74  | 30  |
|            | L25MB006   | 245         | LINE STRIPER, INTERMEDIATE                                | 60 HP                          | G       | \$73,405       | 32.94                         | 4.82    | 6.88                   | 1.38 | 7.14  | 48  |
|            | L25MB004   | VANMARK 360 | LINE STRIPER, 1 COLOR, 2-3 LINES, WITH 11,000# GVW TRUCK  | 190 HP                         | G       | \$94,597       | 59.90                         | 6.14    | 8.75                   | 1.77 | 22.61 | 116 |
|            | L25MB008   | 360         | LINE STRIPER, THERMAL PLASTICS 120 GALLONS, TRUCK MOUNTED | 190 HP                         | G       | \$175,382      | 84.55                         | 11.40   | 16.22                  | 3.29 | 22.61 | 80  |
| <b>L30</b> | <b>LOADERS, BELT (CONVEYOR BELTS) &amp; ACCESSORIES</b>                  |             |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>SUBCATEGORY 0.00 LOADERS, BELT (CONVEYOR BELTS) &amp; ACCESSORIES</b> |             |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>KOLMAN</b>  |             |   |                                |         |                |                               |         |                        |      |       |     |
|            | L30KL001   | 101-XHD     | 24" X 50' , 355 TON/HR                                    | 10 HP                          | D-off   | \$28,326       | 6.78                          | 1.56    | 2.12                   | 0.50 | 0.28  | 96  |
|            | L30KL002   | MODEL 45    | PLATE FEEDER DOZER TRAP                                   | 5 HP                           | D-off   | \$8,381        | 2.08                          | 0.48    | 0.67                   | 0.15 | 0.14  | 34  |
|            | L30KL003   |             | BELT FEEDER DOZER TRAP                                    | 3 HP                           | D-off   | \$10,755       | 2.54                          | 0.62    | 0.86                   | 0.19 | 0.08  | 33  |
|            | L30KL004   |             | WING WALLS STATIONARY                                     |                                |         | \$1,666        | 0.37                          | 0.10    | 0.13                   | 0.03 | 0.00  | 9   |
|            | L30KL005   |             | TUNNEL EXTENSION WITH BACKBOARDS                          |                                |         | \$8,460        | 1.91                          | 0.49    | 0.68                   | 0.15 | 0.00  | 55  |
|            | L30KL006   | SB-70       | SINGLE DECK SCREEN, 7' X 42"                              | 3 HP                           | D-off   | \$6,493        | 1.58                          | 0.38    | 0.52                   | 0.12 | 0.08  | 18  |
|            | L30KL007   | DC-70-42    | DOUBLE DECK SCREEN, 7' X 42"                              | 5 HP                           | D-off   | \$8,815        | 2.19                          | 0.52    | 0.71                   | 0.16 | 0.14  | 25  |
|            | L30KL008   | TC-70-42    | TRIPLE DECK SCREEN, 7' X 42"                              | 5 HP                           | D-off   | \$12,434       | 2.99                          | 0.71    | 0.99                   | 0.22 | 0.14  | 33  |
|            | L30KL009   | XHD         | CONVEYOR JACKLEG  |                                |         | \$1,282        | 0.28                          | 0.07    | 0.10                   | 0.02 | 0.00  | 7   |
|            | L30KL010   | 101-XHD     | 30" X 50' , 615 TON/HR                                    | 20 HP                          | D-off   | \$29,886       | 7.53                          | 1.65    | 2.24                   | 0.53 | 0.55  | 105 |
|            | L30KL011   | MODEL 45    | PLATE FEEDER DOZER TRAP                                   | 8 HP                           | D-off   | \$9,841        | 2.53                          | 0.57    | 0.79                   | 0.18 | 0.22  | 42  |
|            | L30KL012   |             | BELT FEEDER DOZER TRAP                                    | 5 HP                           | D-off   | \$11,905       | 2.87                          | 0.68    | 0.95                   | 0.21 | 0.14  | 40  |
|            | L30KL013   |             | WING WALLS STATIONARY                                     |                                |         | \$1,666        | 0.37                          | 0.10    | 0.13                   | 0.03 | 0.00  | 9   |
|            | L30KL014   |             | TUNNEL EXTENSION WITH BACKBOARDS                          |                                |         | \$8,460        | 1.91                          | 0.49    | 0.68                   | 0.15 | 0.00  | 55  |
|            | L30KL015   | SB-80       | SINGLE DECK SCREEN, 8' X 48"                              | 3 HP                           | D-off   | \$7,883        | 1.89                          | 0.46    | 0.63                   | 0.14 | 0.08  | 22  |
|            | L30KL016   | DC-80-48    | DOUBLE DECK SCREEN, 8' X 48"                              | 5 HP                           | D-off   | \$10,810       | 2.62                          | 0.62    | 0.86                   | 0.19 | 0.14  | 34  |
|            | L30KL017   | TC-80-48    | TRIPLE DECK SCREEN, 8' X 48"                              | 8 HP                           | D-off   | \$14,601       | 3.60                          | 0.84    | 1.17                   | 0.26 | 0.22  | 43  |
|            | L30KL018   | XHD         | CONVEYOR JACKLEG  |                                |         | \$1,283        | 0.28                          | 0.07    | 0.10                   | 0.02 | 0.00  | 7   |
|            | L30KL019   | 101-XHD     | 36" X 50' - 910 TON/HR                                    | 30 HP                          | D-off   | \$35,990       | 9.30                          | 2.00    | 2.71                   | 0.64 | 0.83  | 111 |
|            | L30KL020   | MODEL 45    | PLATE FEEDER DOZER TRAP                                   | 9 HP                           | D-off   | \$10,412       | 2.69                          | 0.60    | 0.83                   | 0.19 | 0.25  | 45  |
|            | L30KL021   |             | BELT FEEDER DOZER TRAP                                    | 7 HP                           | D-off   | \$12,878       | 3.17                          | 0.75    | 1.03                   | 0.23 | 0.19  | 42  |
|            | L30KL022   |             | WING WALLS STATIONARY                                     |                                |         | \$1,665        | 0.37                          | 0.10    | 0.13                   | 0.03 | 0.00  | 9   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                 |          |                                       | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---------------------------|----------|---------------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                    | MODEL    | EQUIPMENT DESCRIPTION                 | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>L30</b> | <i>KOLMAN (continued)</i> |          |                                       |                                |         |                |                               |         |                        |      |      |     |
|            | L30KL023                  |          | TUNNEL EXTENSION WITH BACKBOARDS      |                                |         | \$8,460        | 1.91                          | 0.49    | 0.68                   | 0.15 | 0.00 | 55  |
|            | L30KL024                  | SB-90    | SINGLE DECK SCREEN, 9' X 54"          | 5 HP                           | D-off   | \$8,924        | 2.20                          | 0.52    | 0.71                   | 0.16 | 0.14 | 27  |
|            | L30KL025                  | DC-90-54 | DOUBLE DECK SCREEN, 9' X 54"          | 8 HP                           | D-off   | \$12,330       | 3.09                          | 0.71    | 0.99                   | 0.22 | 0.22 | 42  |
|            | L30KL026                  | TC-90-54 | TRIPLE DECK SCREEN, 9' X 54"          | 8 HP                           | D-off   | \$14,311       | 3.52                          | 0.82    | 1.14                   | 0.25 | 0.22 | 45  |
|            | L30KL027                  | XHD      | CONVEYOR JACKLEG                      |                                |         | \$1,283        | 0.28                          | 0.07    | 0.10                   | 0.02 | 0.00 | 7   |
|            | L30KL028                  | 101-XHD  | 42" X 50', 1,260 TON/HR               | 40 HP                          | D-off   | \$38,791       | 10.31                         | 2.15    | 2.92                   | 0.69 | 1.11 | 118 |
|            | L30KL029                  | MODEL 45 | PLATE FEEDER DOZER TRAP               | 11 HP                          | D-off   | \$12,730       | 3.29                          | 0.74    | 1.02                   | 0.23 | 0.30 | 48  |
|            | L30KL030                  |          | BELT FEEDER DOZER TRAP                | 9 HP                           | D-off   | \$12,923       | 3.25                          | 0.75    | 1.03                   | 0.23 | 0.25 | 44  |
|            | L30KL031                  |          | WING WALLS STATIONARY                 |                                |         | \$1,666        | 0.37                          | 0.10    | 0.13                   | 0.03 | 0.00 | 9   |
|            | L30KL032                  |          | TUNNEL EXTENSION WITH BACKBOARDS      |                                |         | \$8,460        | 1.91                          | 0.49    | 0.68                   | 0.15 | 0.00 | 55  |
|            | L30KL033                  | SB-100   | SINGLE DECK SCREEN, 10' X 60"         | 5 HP                           | D-off   | \$11,552       | 2.80                          | 0.67    | 0.92                   | 0.21 | 0.14 | 36  |
|            | L30KL034                  | DC-100   | DOUBLE DECK SCREEN, 10' X 60"         | 8 HP                           | D-off   | \$13,590       | 3.37                          | 0.79    | 1.09                   | 0.24 | 0.22 | 42  |
|            | L30KL035                  | THV-100  | TRIPLE DECK SCREEN, 10' X 60"         | 10 HP                          | D-off   | \$20,785       | 5.07                          | 1.20    | 1.66                   | 0.37 | 0.28 | 61  |
|            | L30KL036                  | XHD      | CONVEYOR JACKLEG                      |                                |         | \$1,283        | 0.28                          | 0.07    | 0.10                   | 0.02 | 0.00 | 7   |
|            | L30KL037                  | 101-XHD  | 48" X 50', 1,700 TON/HR               | 50 HP                          | D-off   | \$51,245       | 13.55                         | 2.85    | 3.88                   | 0.91 | 1.39 | 140 |
|            | L30KL038                  | MODEL 45 | PLATE FEEDER DOZER TRAP               | 15 HP                          | D-off   | \$17,652       | 4.55                          | 1.01    | 1.41                   | 0.31 | 0.42 | 51  |
|            | L30KL039                  |          | BELT FEEDER DOZER TRAP                | 10 HP                          | D-off   | \$16,949       | 4.21                          | 0.98    | 1.36                   | 0.30 | 0.28 | 48  |
|            | L30KL040                  |          | WING WALLS STATIONARY                 |                                |         | \$1,666        | 0.37                          | 0.10    | 0.13                   | 0.03 | 0.00 | 9   |
|            | L30KL041                  |          | TUNNEL EXTENSION WITH BACKBOARDS      |                                |         | \$10,061       | 2.27                          | 0.58    | 0.80                   | 0.18 | 0.00 | 62  |
|            | L30KL042                  | SB-120   | SINGLE DECK SCREEN, 12' X 60"         | 8 HP                           | D-off   | \$13,433       | 3.33                          | 0.78    | 1.07                   | 0.24 | 0.22 | 45  |
|            | L30KL043                  | DHV-120  | DOUBLE DECK SCREEN, 12' X 60"         | 10 HP                          | D-off   | \$24,380       | 5.88                          | 1.41    | 1.95                   | 0.43 | 0.28 | 79  |
|            | L30KL044                  | THV-120  | TRIPLE DECK SCREEN, 12' X 60"         | 10 HP                          | D-off   | \$27,506       | 6.59                          | 1.59    | 2.20                   | 0.49 | 0.28 | 80  |
|            | L30KL045                  | XHD      | CONVEYOR JACKLEG                      |                                |         | \$1,282        | 0.28                          | 0.07    | 0.10                   | 0.02 | 0.00 | 7   |
|            | L30KL046                  | 303      | 48" X 50' BELT, 2,000 CY/HR, PORTABLE | 125 HP                         | D-off   | \$205,444      | 51.15                         | 11.73   | 16.13                  | 3.66 | 3.46 | 627 |
|            | L30KL047                  | 303      | 48" X 60' BELT, 2,000 CY/HR, PORTABLE | 185 HP                         | D-off   | \$228,054      | 58.53                         | 13.02   | 17.91                  | 4.06 | 5.13 | 662 |
|            | L30KL050                  | 404      | 48" X 50' BELT, 2,000 CY/HR, PORTABLE | 185 HP                         | D-off   | \$252,086      | 63.95                         | 14.42   | 19.86                  | 4.49 | 5.13 | 616 |
|            | L30KL051                  | 404      | 48" X 60' BELT, 2,000 CY/HR, PORTABLE | 185 HP                         | D-off   | \$266,351      | 67.17                         | 15.23   | 20.97                  | 4.74 | 5.13 | 650 |
|            | L30KL048                  | 303      | 60" X 50' BELT, 3,600 CY/HR, PORTABLE | 185 HP                         | D-off   | \$235,591      | 60.32                         | 13.41   | 18.42                  | 4.20 | 5.13 | 682 |
|            | L30KL049                  | 303      | 60" X 60' BELT, 3,600 CY/HR, PORTABLE | 290 HP                         | D-off   | \$270,729      | 72.26                         | 15.41   | 21.18                  | 4.82 | 8.04 | 737 |
|            | L30KL052                  | 404      | 60" X 50' BELT, 3,600 CY/HR, PORTABLE | 290 HP                         | D-off   | \$301,493      | 79.15                         | 17.22   | 23.69                  | 5.37 | 8.04 | 671 |
|            | L30KL053                  | 404      | 60" X 60' BELT, 3,600 CY/HR, PORTABLE | 290 HP                         | D-off   | \$333,378      | 86.41                         | 19.04   | 26.19                  | 5.94 | 8.04 | 724 |
|            | L30KL054                  | SB-120   | SINGLE DECK SCREEN, 12' X 72"         | 8 HP                           | D-off   | \$17,781       | 4.32                          | 1.03    | 1.42                   | 0.32 | 0.22 | 50  |
|            | L30KL055                  | DHV-120  | DOUBLE DECK SCREEN, 12' X 72"         | 15 HP                          | D-off   | \$29,868       | 7.31                          | 1.73    | 2.39                   | 0.53 | 0.42 | 81  |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                               |   |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|---|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                                  | MODEL                                   | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |   |   |   |                                |         |                |                               |         |                        |      |      |     |
| <b>L30</b> | <b>KOLMAN (continued)</b>               |   |   |                                |         |                |                               |         |                        |      |      |     |
|            | L30KL056                                | THV-120                                 | TRIPLE DECK SCREEN, 12' X 72"                                 | 15 HP                          | D-off   | \$32,250       | 7.85                          | 1.86    | 2.58                   | 0.57 | 0.42 | 84  |
|            | L30KL057                                |   | SINGLE DECK VIBRATING GRIZZLE, 72"<br>WIDE                    | 15 HP                          | D-off   | \$29,477       | 7.23                          | 1.71    | 2.36                   | 0.53 | 0.42 | 89  |
|            | <b>MORGEN MANUFACTURING COMPANY</b>     |   |   |                                |         |                |                               |         |                        |      |      |     |
|            | L30MO001                                | 303-750                                 | 48' MOBILE PLACER CONVEYOR, CONCRETE<br>& AGGREGATE, 16" WIDE | 30 HP                          | G       | \$35,139       | 11.63                         | 2.00    | 2.75                   | 0.63 | 2.73 | 57  |
|            | L30MO002                                | 303-775                                 | 56' MOBILE PLACER CONVEYOR, CONCRETE<br>& AGGREGATE, 16" WIDE | 30 HP                          | G       | \$36,772       | 11.99                         | 2.09    | 2.88                   | 0.65 | 2.73 | 62  |
|            | <b>MAXON INDUSTRIES</b>                 |   |   |                                |         |                |                               |         |                        |      |      |     |
|            | L30MX008                                |   | SLIDER BELT CONVEYOR, 300 FPM, 1 CY PER<br>MINUTE             |                                |         | \$24,255       | 6.22                          | 1.40    | 1.94                   | 0.43 | 0.00 | 1   |
| <b>L35</b> | <b>LOADERS, FRONT END, CRAWLER TYPE</b> |   |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00</b>                 | <b>LOADERS, FRONT END, CRAWLER TYPE</b> |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CATERPILLAR, INC.</b>                |   |   |                                |         |                |                               |         |                        |      |      |     |
|            | L35CA008                                | 933                                     | 1.30 CY BUCKET  | 70 HP                          | D-off   | \$70,966       | 26.84                         | 4.84    | 7.10                   | 1.29 | 2.12 | 176 |
|            | L35CA009                                | 933 LGP                                 | 1.30 CY BUCKET  | 70 HP                          | D-off   | \$77,133       | 28.90                         | 5.26    | 7.71                   | 1.41 | 2.12 | 186 |
|            | L35CA010                                | 939                                     | 1.50 CY BUCKET  | 90 HP                          | D-off   | \$90,144       | 34.14                         | 6.14    | 9.01                   | 1.64 | 2.72 | 194 |
|            | L35CA005                                | 953C                                    | 2.25 CY BUCKET  | 120 HP                         | D-off   | \$157,768      | 58.07                         | 10.76   | 15.78                  | 2.87 | 3.63 | 305 |
|            | L35CA006                                | 963B                                    | 3.00 CY BUCKET  | 160 HP                         | D-off   | \$203,913      | 75.27                         | 13.91   | 20.39                  | 3.71 | 4.84 | 452 |
|            | L35CA007                                | 973                                     | 3.70 CY BUCKET  | 210 HP                         | D-off   | \$311,188      | 113.33                        | 21.23   | 31.12                  | 5.67 | 6.35 | 548 |
|            | <b>FIATALLIS</b>                        |   |   |                                |         |                |                               |         |                        |      |      |     |
|            | L35FI006                                | FL145                                   | 2.00 CY BUCKET, POWERSHIFT                                    | 128 HP                         | D-off   | \$140,414      | 52.64                         | 9.58    | 14.04                  | 2.56 | 3.87 | 301 |
|            | L35FI007                                | FL175                                   | 2.75 CY BUCKET, POWERSHIFT                                    | 170 HP                         | D-off   | \$163,383      | 62.20                         | 11.15   | 16.34                  | 2.98 | 5.14 | 396 |
|            | <b>KOMATSU DRESSER COMPANY</b>          |   |   |                                |         |                |                               |         |                        |      |      |     |
|            | L35ID003                                | 175C                                    | 1.92 CY BUCKET, POWERSHIFT                                    | 140 HP                         | D-off   | \$176,382      | 65.17                         | 12.03   | 17.64                  | 3.21 | 4.23 | 317 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |         |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|---------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL   | EQUIPMENT DESCRIPTION                      | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            | <b>DEERE &amp; COMPANY</b>                         |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | L35JD002   | 455G    | 1.30 CY BUCKET                             | 70 HP                          | D-off   | \$76,125       | 28.56                         | 5.20    | 7.61                   | 1.39 | 2.12 | 176 |
|            | L35JD003   | 555G    | 1.50 CY BUCKET                             | 90 HP                          | D-off   | \$98,325       | 36.87                         | 6.71    | 9.83                   | 1.79 | 2.72 | 197 |
|            | <b>KOMATSU DRESSER COMPANY</b>                     |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | L35KM005   | D66S-1  | 2.80 CY BUCKET, HYDROSTATIC                | 160 HP                         | D-off   | \$226,839      | 82.92                         | 15.47   | 22.68                  | 4.13 | 4.84 | 422 |
|            | L35KM006   | D75S-5  | 3.30 CY BUCKET, POWERSHIFT                 | 200 HP                         | D-off   | \$282,041      | 103.16                        | 19.24   | 28.20                  | 5.14 | 6.05 | 485 |
|            | <b>TAKEUCHI</b>                                    |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | L35TK001   | TL26    | 0.48 CY BUCKET                             | 61 HP                          | D-off   | \$34,996       | 14.43                         | 2.39    | 3.50                   | 0.64 | 1.84 | 68  |
| <b>L40</b> | <b>LOADERS, FRONT END, WHEEL TYPE</b>              |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.11 ARTICULATED, 0 THRU 225 HP</b> |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CATERPILLAR, INC.</b>                           |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | L40CA019   | 914G    | 1.80 CY BUCKET, ARTICULATED                | 90 HP                          | D-off   | \$90,520       | 20.90                         | 4.96    | 6.57                   | 1.67 | 2.49 | 156 |
|            | L40CA020   | 924F    | 2.00 CY BUCKET, ARTICULATED                | 105 HP                         | D-off   | \$107,877      | 24.76                         | 5.92    | 7.86                   | 1.99 | 2.91 | 195 |
|            | L40CA015   | 928G    | 2.25 CY BUCKET, ARTICULATED, 4X4           | 125 HP                         | D-off   | \$130,706      | 29.76                         | 7.20    | 9.57                   | 2.41 | 3.46 | 223 |
|            | L40CA021   | 938F    | 3.25 CY BUCKET, ARTICULATED                | 145 HP                         | D-off   | \$146,568      | 34.22                         | 7.95    | 10.49                  | 2.70 | 4.02 | 315 |
|            | L40CA005   | 950-F11 | 3.25 CY, BUCKET, ARTICULATED               | 170 HP                         | D-off   | \$197,384      | 45.09                         | 10.68   | 14.10                  | 3.63 | 4.71 | 351 |
|            | L40CA016   | 960F    | 4.00 CY BUCKET, ARTICULATED, 4X4           | 200 HP                         | D-off   | \$208,261      | 48.34                         | 11.29   | 14.91                  | 3.83 | 5.54 | 387 |
|            | L40CA006   | 966-F11 | 4.75 CY BUCKET, ARTICULATED                | 220 HP                         | D-off   | \$274,927      | 62.08                         | 14.88   | 19.64                  | 5.06 | 6.10 | 454 |
|            | <b>CASE CORPORATION</b>                            |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | L40CS009   | 621B    | 2.60 CY BUCKET, ARTICULATED, 4X4           | 126 HP                         | D-off   | \$118,994      | 28.20                         | 6.44    | 8.49                   | 2.19 | 3.49 | 270 |
|            | L40CS010   | 721B    | 2.79 CY BUCKET, ARTICULATED, 4X4           | 140 HP                         | D-off   | \$148,962      | 34.26                         | 8.11    | 10.74                  | 2.74 | 3.88 | 292 |
|            | L40CS011   | 821B    | 3.67 CY BUCKET, ARTICULATED, 4X4           | 170 HP                         | D-off   | \$194,025      | 44.38                         | 10.51   | 13.88                  | 3.57 | 4.71 | 324 |
|            | <b>FIATALLIS</b>                                   |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | L40FI002   | FR90    | 1.82 CY BUCKET, ARTICULATED, 4X4,<br>PS/TC | 90 HP                          | D-off   | \$88,535       | 20.54                         | 4.84    | 6.43                   | 1.63 | 2.49 | 174 |
|            | L40FI012   | FR120   | 2.50 CY BUCKET, ARTICULATED                | 128 HP                         | D-off   | \$104,135      | 24.91                         | 5.69    | 7.54                   | 1.92 | 3.55 | 232 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                             |          |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---------------------------------------|----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                                | MODEL    | EQUIPMENT DESCRIPTION                      | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                                       |          |  |                                |         |                |                               |         |                        |      |      |     |
| <b>L40</b> | <i>FIATALLIS (continued)</i>          |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | L40FI013                              | FR130.2  | 3.00 - 3.25 CY BUCKET, ARTICULATED         | 139 HP                         | D-off   | \$146,579      | 33.50                         | 7.95    | 10.49                  | 2.70 | 3.85 | 284 |
|            | L40FI014                              | FR140.2  | 2.50 - 4.50 CY BUCKET, ARTICULATED         | 160 HP                         | D-off   | \$121,502      | 29.85                         | 6.54    | 8.61                   | 2.24 | 4.44 | 291 |
|            | L40FI015                              | FR160.2  | 3.64 - 4.00 CY BUCKET, ARTICULATED         | 189 HP                         | D-off   | \$173,759      | 40.89                         | 9.38    | 12.36                  | 3.20 | 5.24 | 363 |
|            | L40FI016                              | FR180.2  | 4.00 CY BUCKET, ARTICULATED                | 190 HP                         | D-off   | \$148,630      | 36.36                         | 7.98    | 10.48                  | 2.74 | 5.27 | 357 |
|            | <b>HYUNDIA CONSTRUCTION EQUIPMENT</b> |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | L40HU001                              | HL 740-3 | 2.20 CY BUCKET, ARTICULATED, 4X4           | 130 HP                         | D-off   | \$79,637       | 20.53                         | 4.33    | 5.71                   | 1.47 | 3.60 | 255 |
|            | L40HU002                              | HL 750-3 | 3.30 CY BUCKET, ARTICULATED, 4X4           | 171 HP                         | D-off   | \$100,099      | 26.44                         | 5.34    | 6.99                   | 1.84 | 4.74 | 366 |
|            | <b>KOMATSU DRESSER COMPANY</b>        |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | L40ID010                              | 510C     | 1.88 CY BUCKET, ARTICULATED, 4X4           | 93 HP                          | D-off   | \$87,081       | 20.33                         | 4.77    | 6.34                   | 1.60 | 2.58 | 164 |
|            | L40ID011                              | 515C     | 2.50 CY BUCKET, ARTICULATED, 4X4           | 115 HP                         | D-off   | \$113,559      | 26.48                         | 6.18    | 8.19                   | 2.09 | 3.19 | 187 |
|            | L40ID012                              | 520C     | 3.00 CY BUCKET, ARTICULATED, 4X4           | 144 HP                         | D-off   | \$135,464      | 31.53                         | 7.44    | 9.89                   | 2.49 | 3.99 | 224 |
|            | <b>DEERE &amp; COMPANY</b>            |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | L40JD001                              | 344G     | 1.63 CY BUCKET, ARTICULATED, 4X4,<br>W/CAB | 85 HP                          | D-off   | \$90,997       | 20.73                         | 4.98    | 6.62                   | 1.67 | 2.36 | 181 |
|            | L40JD002                              | 444G     | 1.75 CY BUCKET, ARTICULATED, 4X4,<br>W/CAB | 100 HP                         | D-off   | \$100,597      | 23.16                         | 5.52    | 7.33                   | 1.85 | 2.77 | 205 |
|            | L40JD003                              | 544G     | 2.25 CY BUCKET, ARTICULATED, 4X4,<br>W/CAB | 120 HP                         | D-off   | \$116,814      | 26.98                         | 6.43    | 8.55                   | 2.15 | 3.33 | 232 |
|            | L40JD007                              | 624G     | 2.75 CY BUCKET, ARTICULATED, 4X4           | 145 HP                         | D-off   | \$145,049      | 33.76                         | 7.89    | 10.44                  | 2.67 | 4.02 | 274 |
|            | L40JD004                              | 644G     | 3.25 CY BUCKET, ARTICULATED, 4X4           | 170 HP                         | D-off   | \$186,487      | 42.37                         | 10.21   | 13.55                  | 3.43 | 4.71 | 351 |
|            | <b>KOMATSU DRESSER COMPANY</b>        |          |  |                                |         |                |                               |         |                        |      |      |     |
|            | L40KM001                              | WA120-1  | 1.75 CY BUCKET, ARTICULATED, 4X4           | 94 HP                          | D-off   | \$108,689      | 24.44                         | 5.96    | 7.92                   | 2.00 | 2.61 | 184 |
|            | L40KM002                              | WA180-1  | 2.25 CY BUCKET, ARTICULATED, 4X4           | 118 HP                         | D-off   | \$122,506      | 27.96                         | 6.72    | 8.95                   | 2.25 | 3.27 | 210 |
|            | L40KM003                              | WA250-1  | 2.75 CY BUCKET, ARTICULATED, 4X4           | 144 HP                         | D-off   | \$145,150      | 33.73                         | 7.89    | 10.45                  | 2.67 | 3.99 | 252 |
|            | L40KM004                              | WA320-1  | 3.25 CY BUCKET, ARTICULATED, 4X4           | 166 HP                         | D-off   | \$179,992      | 41.03                         | 9.85    | 13.07                  | 3.31 | 4.60 | 283 |
|            | L40KM005                              | WA380-1  | 4.00 CY BUCKET, ARTICULATED, 4X4           | 196 HP                         | D-off   | \$215,326      | 49.64                         | 11.65   | 15.38                  | 3.96 | 5.43 | 369 |
|            | L40KM006                              | WA420-1  | 4.75 CY BUCKET, ARTICULATED, 4X4           | 224 HP                         | D-off   | \$252,456      | 57.62                         | 13.74   | 18.17                  | 4.65 | 6.21 | 410 |
|            | <b>KUBOTA TRACTOR CORPORATION</b>     |          |  |                                |         |                |                               |         |                        |      |      |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                        | REGION 10   |  |                                   | ENGINE HORSEPOWER<br>FUEL TYPE |             | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|----------------------------|---|--|-----------------------------------|--------------------------------|-------------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|                            | ID.NO.  | MODEL                                      | EQUIPMENT DESCRIPTION             | MAIN                           | CARRIER     | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
| L40                        | <b>KUBOTA TRACTOR CORPORATION</b><br><i>(continued)</i> |  |                                   |                                |             |                |                               |         |                        |       |       |       |
|                            | L40KU004  | R420                                       | 0.50 CY BUCKET, ARTICULATED, 4X4  | 43 HP                          | D-off       | \$41,704       | 9.58                          | 2.30    | 3.07                   | 0.77  | 1.19  | 75    |
|                            | L40KU006  | R520                                       | 0.75 CY BUCKET, ARTICULATED, 4X4  | 49 HP                          | D-off       | \$49,973       | 11.73                         | 2.69    | 3.55                   | 0.92  | 1.36  | 90    |
|                            | <b>SAMSUNG CONSTRUCTION EQUIPMENT</b>                   |  |                                   |                                |             |                |                               |         |                        |       |       |       |
|                            | L40SS009  | SL 150-2                                   | 4.50 CY BUCKET, ARTICULATED       | 174 HP                         | D-off       | \$128,130      | 31.53                         | 6.95    | 9.18                   | 2.36  | 4.82  | 304   |
|                            | L40SS010  | SL 180-2                                   | 5.00 CY BUCKET, ARTICULATED       | 203 HP                         | D-off       | \$161,501      | 39.25                         | 8.69    | 11.44                  | 2.97  | 5.63  | 368   |
|                            | <b>SUBCATEGORY 0.12 ARTICULATED, OVER 225 HP</b>        |  |                                   |                                |             |                |                               |         |                        |       |       |       |
|                            | <b>CATERPILLAR, INC.</b>                                |  |                                   |                                |             |                |                               |         |                        |       |       |       |
|                            | L40CA017  | 970F                                       | 5.00 CY BUCKET, ARTICULATED, 4X4  | 250 HP                         | D-off       | \$293,814      | 56.35                         | 14.24   | 18.58                  | 4.95  | 6.93  | 497   |
|                            | L40CA007  | 980-G                                      | 5.50 CY, ARTICULATED              | 300 HP                         | D-off       | \$361,041      | 69.80                         | 17.40   | 22.63                  | 6.08  | 8.32  | 633   |
|                            | L40CA008  | 988-F11                                    | 8.00 CY, ARTICULATED              | 430 HP                         | D-off       | \$533,575      | 103.68                        | 25.57   | 33.18                  | 8.98  | 11.92 | 980   |
|                            | L40CA018  | 99011                                      | 11.00 CY BUCKET, ARTICULATED, 4X4 | 625 HP                         | D-off       | \$880,932      | 168.95                        | 42.09   | 54.53                  | 14.83 | 17.32 | 1,621 |
|                            | L40CA009  | 992-D                                      | 15.00 CY, ARTICULATED, 4X4        | 800 HP                         | D-off       | \$1,127,313    | 215.43                        | 53.97   | 69.98                  | 18.98 | 22.18 | 1,925 |
|                            | <b>CASE CORPORATION</b>                                 |  |                                   |                                |             |                |                               |         |                        |       |       |       |
|                            | L40CS012  | 921B                                       | 5.00 CY BUCKET, ARTICULATED, 4X4  | 248 HP                         | D-off       | \$255,694      | 51.03                         | 12.30   | 15.97                  | 4.31  | 6.87  | 512   |
|                            | <b>FIATALLIS</b>  |  |                                   |                                |             |                |                               |         |                        |       |       |       |
|                            | L40FI017  | FR220.2                                    | 5.00 CY BUCKET, ARTICULATED, 4X4  | 240 HP                         | D-off       | \$216,886      | 43.49                         | 10.46   | 13.61                  | 3.65  | 6.65  | 488   |
|                            | <b>HYUNDIA CONSTRUCTION EQUIPMENT</b>                   |  |                                   |                                |             |                |                               |         |                        |       |       |       |
|                            | L40HU003  | HL 770                                     | 4.60 CY BUCKET, ARTICULATED, 4X4  | 265 HP                         | D-off       | \$175,991      | 38.86                         | 8.32    | 10.73                  | 2.96  | 7.35  | 461   |
|                            | <b>KOMATSU DRESSER COMPANY</b>                          |  |                                   |                                |             |                |                               |         |                        |       |       |       |
| L40ID007                   | 560B  | 7.50 CY BUCKET, ARTICULATED, 4X4           | 415 HP                            | D-off                          | \$567,855   | 106.66         | 27.47                         | 35.82   | 9.56                   | 11.50 | 862   |       |
| L40ID015                   | 570C  | 12.00 CY BUCKET, ARTICULATED               | 590 HP                            | D-off                          | \$1,062,123 | 193.31         | 51.26                         | 66.76   | 17.88                  | 16.35 | 1,177 |       |
| <b>DEERE &amp; COMPANY</b> |   |  |                                   |                                |             |                |                               |         |                        |       |       |       |
| L40JD006                   | 744H  | 4.50 CY BUCKET, ARTICULATED, 4X4,<br>W/CAB | 250 HP                            | D-off                          | \$271,211   | 52.72          | 13.15                         | 17.16   | 4.57                   | 6.93  | 460   |       |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT   | REGION 10 |          |                                      | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       |       |
|---|-----------|----------|--------------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|   | ID.NO.    | MODEL    | EQUIPMENT DESCRIPTION                | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  | CWT   |
|   |           |          |                                      |                                |         |                |                               |         |                        |       |       |       |
| <b>KOMATSU DRESSER COMPANY</b>  |           |          |                                      |                                |         |                |                               |         |                        |       |       |       |
|   | L40KM007  | WA450-2  | 5.50 CY BUCKET, ARTICULATED, 4X4     | 264 HP                         | D-off   | \$291,872      | 57.84                         | 13.98   | 18.14                  | 4.91  | 7.32  | 485   |
|   | L40KM008  | WA500-1  | 6.05 CY BUCKET, ARTICULATED, 4X4     | 291 HP                         | D-off   | \$378,189      | 71.89                         | 18.27   | 23.79                  | 6.37  | 8.07  | 631   |
|   | L40KM009  | WA600-1  | 7.50 CY BUCKET, ARTICULATED, 4X4     | 425 HP                         | D-off   | \$579,201      | 111.97                        | 27.63   | 35.76                  | 9.75  | 11.78 | 965   |
|   | L40KM010  | WA700-1  | 11.10 CY BUCKET, ARTICULATED, 4X4    | 641 HP                         | D-off   | \$1,053,058    | 193.92                        | 50.81   | 66.17                  | 17.73 | 17.77 | 1,448 |
|   | L40KM011  | WA800-2  | 13.70 CY BUCKET, ARTICULATED, 4X4    | 789 HP                         | D-off   | \$1,364,152    | 251.34                        | 65.62   | 85.29                  | 22.97 | 21.87 | 1,937 |
| <b>SAMSUNG CONSTRUCTION EQUIPMENT</b>   |           |          |                                      |                                |         |                |                               |         |                        |       |       |       |
|   | L40SS011  | SL 250-2 | 6.00 CY BUCKET, ARTICULATED, 4X4     | 264 HP                         | D-off   | \$218,921      | 45.24                         | 10.47   | 13.56                  | 3.69  | 7.32  | 465   |
| <b>SUBCATEGORY 0.20 SKID STEER</b>  |           |          |                                      |                                |         |                |                               |         |                        |       |       |       |
| <b>CASE CORPORATION</b>   |           |          |                                      |                                |         |                |                               |         |                        |       |       |       |
|   | L40CS014  | 1825     | 44" DIRT/UTILITY BUCKET, 4.8 CF CAP  | 25 HP                          | D-off   | \$17,327       | 5.58                          | 1.22    | 1.81                   | 0.31  | 0.76  | 32    |
|   | L40CS015  | 1835C    | 54" DIRT BUCKET, 7.9 CF CAP          | 48 HP                          | G       | \$19,358       | 11.57                         | 1.34    | 1.99                   | 0.34  | 4.70  | 50    |
|   | L40CS016  | 1838     | 54" DIRT BUCKET, 7.9 CF CAP          | 46 HP                          | D-off   | \$21,739       | 7.68                          | 1.50    | 2.25                   | 0.38  | 1.39  | 52    |
|   | L40CS017  | 1840     | 54" DIRT BUCKET, 7.9 CF CAP          | 50 HP                          | D-off   | \$24,221       | 8.49                          | 1.68    | 2.51                   | 0.43  | 1.51  | 47    |
|   | L40CS018  | 1845C    | 63" DIRT BUCKET, 9.1 CF CAP          | 56 HP                          | D-off   | \$28,119       | 9.80                          | 1.95    | 2.90                   | 0.50  | 1.69  | 50    |
| <b>MELROE COMPANY</b>   |           |          |                                      |                                |         |                |                               |         |                        |       |       |       |
|   | L40ME015  | 450      | 36" DIRT BUCKET, 5.1 CF CAP          | 17 HP                          | G       | \$8,800        | 4.53                          | 0.61    | 0.91                   | 0.16  | 1.62  | 19    |
|   | L40ME016  | 453      | 44" DIRT BUCKET, 6.5 CF CAP          | 16 HP                          | D-off   | \$11,243       | 3.58                          | 0.78    | 1.17                   | 0.20  | 0.47  | 20    |
|   | L40ME017  | 553      | 48" DIRT BUCKET, 6.7 CF CAP          | 23 HP                          | D-off   | \$14,653       | 4.81                          | 1.01    | 1.50                   | 0.26  | 0.68  | 34    |
|   | L40ME018  | 751      | 60" UTILITY BUCKET, 14.3 CF CAP      | 38 HP                          | D-off   | \$17,732       | 6.28                          | 1.24    | 1.85                   | 0.31  | 1.15  | 46    |
|   | L40ME012  | 753      | 60" LOW PROFILE BUCKET, 13.0 CF CAP  | 44 HP                          | D-off   | \$19,394       | 6.95                          | 1.35    | 2.02                   | 0.34  | 1.32  | 48    |
|   | L40ME019  | 863      | 66" LOW PROFILE BUCKET, 16.3 CF CAP  | 74 HP                          | D-off   | \$26,739       | 10.32                         | 1.83    | 2.72                   | 0.47  | 2.22  | 67    |
| <b>SUBCATEGORY 0.31 TOOL CARRIER &amp; TELESCOPIC HANDLERS, 0 THRU 225 HP</b> |           |          |                                      |                                |         |                |                               |         |                        |       |       |       |
| <b>CATERPILLAR, INC.</b>  |           |          |                                      |                                |         |                |                               |         |                        |       |       |       |
|   | L40CA013  | IT14G    | INTEGRATED TOOL CARRIER W/ 4TH VALVE | 90 HP                          | D-off   | \$96,108       | 22.51                         | 5.27    | 6.99                   | 1.77  | 2.49  | 155   |
|   | L40CA012  | IT28G    | INTEGRATED TOOL CARRIER              | 125 HP                         | D-off   | \$129,927      | 30.41                         | 7.14    | 9.51                   | 2.39  | 3.46  | 232   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |             |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|---|-------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL       | EQUIPMENT DESCRIPTION                              | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|            | <b>JCB</b>  |             |  |                                |         |                |                               |         |                        |      |      |     |
|            | L40JC004  | 526         | 5000# LIFT CAPACITY, 4X4, TELESCOPIC BM            | 100 HP                         | D-off   | \$61,950       | 16.46                         | 3.37    | 4.45                   | 1.14 | 2.77 | 130 |
|            | L40JC005  | 530         | 6000# LIFT CAPACITY, 4X4, TELESCOPIC BM            | 80 HP                          | D-off   | \$67,020       | 16.61                         | 3.63    | 4.81                   | 1.23 | 2.22 | 151 |
|            | L40JC006  | 506C        | 6000# LIFT CAPACITY, 4X4, TELESCOPIC BM            | 80 HP                          | D-off   | \$80,268       | 18.97                         | 4.41    | 5.86                   | 1.48 | 2.22 | 215 |
| <b>L50</b> | <b>LOADERS / BACKHOE, WHEEL TYPE</b>                  |             |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 LOADERS / BACKHOE, WHEEL TYPE</b> |             |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CATERPILLAR, INC.</b>                              |             |  |                                |         |                |                               |         |                        |      |      |     |
|            | L50CA001  | 416-C       | 1.00 CY FE BUCKET, 24" B/H BUCKET                  | 78 HP                          | D-off   | \$69,772       | 16.83                         | 3.84    | 5.11                   | 1.28 | 2.16 | 139 |
|            | L50CA002  | 426-C       | 1.25 CY FE BUCKET, 30" B/H BUCKET                  | 84 HP                          | D-off   | \$78,869       | 18.85                         | 4.34    | 5.79                   | 1.45 | 2.33 | 148 |
|            | L50CA003  | 436-C       | 1.38 CY FE BUCKET, 30" B/H BUCKET                  | 89 HP                          | D-off   | \$83,773       | 20.03                         | 4.61    | 6.13                   | 1.54 | 2.47 | 153 |
|            | L50CA004  | 446-B       | 1.50 CY FE BUCKET, 30" B/H BUCKET                  | 110 HP                         | D-off   | \$117,369      | 27.54                         | 6.43    | 8.54                   | 2.16 | 3.05 | 196 |
|            | <b>CASE CORPORATION</b>                               |             |  |                                |         |                |                               |         |                        |      |      |     |
|            | L50CS004  | 580L        | 1.00 CY FE BUCKET, 24" B/H DIPPER, 4X4, EXTENDAHOE | 71 HP                          | D-off   | \$68,242       | 16.33                         | 3.74    | 4.96                   | 1.26 | 1.97 | 136 |
|            | L50CS005  | 580 SUPER L | 1.00 CY FE BUCKET, 24" B/H DIPPER, 4X4             | 86 HP                          | D-off   | \$69,841       | 17.22                         | 3.83    | 5.08                   | 1.29 | 2.38 | 135 |
|            | L50CS006  | 590 SUPER L | 1.25 CY FE BUCKET, 24" B/H DIPPER, 4X4, EXTENDAHOE | 86 HP                          | D-off   | \$84,091       | 20.14                         | 4.55    | 6.01                   | 1.55 | 2.38 | 152 |
|            | <b>JCB</b>  |             |  |                                |         |                |                               |         |                        |      |      |     |
|            | L50JC001  | 210S        | 0.80 CY FE BUCKET, 30" B/H DIPPER, 4X4X4           | 60 HP                          | D-off   | \$53,291       | 13.12                         | 2.87    | 3.77                   | 0.98 | 1.66 | 118 |
|            | L50JC002  | 214         | 1.10 CY FE BUCKET, 36" B/H DIPPER, 2X4             | 86 HP                          | D-off   | \$65,588       | 16.44                         | 3.56    | 4.69                   | 1.21 | 2.38 | 154 |
|            | L50JC003  | 214S        | 1.25 CY FE BUCKET, 36" B/H DIPPER, 4X4X4           | 92 HP                          | D-off   | \$74,194       | 18.40                         | 4.06    | 5.38                   | 1.37 | 2.55 | 166 |
|            | L50JC004  | 215         | 1.25 CY FE BUCKET, 36" B/H DIPPER, 4X4             | 92 HP                          | D-off   | \$74,681       | 18.44                         | 4.05    | 5.37                   | 1.37 | 2.55 | 154 |
|            | L50JC005  | 215S        | 1.25 CY FE BUCKET, 36" B/H DIPPER, 4X4X4           | 92 HP                          | D-off   | \$81,678       | 19.85                         | 4.47    | 5.94                   | 1.50 | 2.55 | 166 |
|            | L50JC006  | 217         | 1.50 CY FE BUCKET, 36" B/H DIPPER, 4X4             | 92 HP                          | D-off   | \$98,061       | 22.99                         | 5.36    | 7.12                   | 1.80 | 2.55 | 154 |
|            | L50JC007  | 217S        | 1.50 CY FE BUCKET, 36" B/H DIPPER, 4X4X4           | 92 HP                          | D-off   | \$105,395      | 24.60                         | 5.76    | 7.64                   | 1.94 | 2.55 | 166 |
|            | <b>DEERE &amp; COMPANY</b>                            |             |  |                                |         |                |                               |         |                        |      |      |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |            |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL      | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |   |            |  |                                |         |                |                               |         |                        |      |      |     |
| <b>L50</b> | <b>DEERE &amp; COMPANY (continued)</b>                |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | L50JD001  | 310E       | 1.12 CY FE BUCKET, 18" B/H DIPPER, W/CAB, 4X2                                | 71 HP                          | D-off   | \$64,653       | 15.57                         | 3.56    | 4.73                   | 1.19 | 1.97 | 136 |
|            | L50JD002  | 410E       | 1.30 CY FE BUCKET, 18" B/H DIPPER, W/CAB, 4X2                                | 90 HP                          | D-off   | \$79,012       | 19.13                         | 4.34    | 5.78                   | 1.45 | 2.49 | 156 |
|            | L50JD003  | 510D       | 1.25 CY FE BUCKET, 18" B/H DIPPER, W/CAB, 4X2                                | 95 HP                          | D-off   | \$90,186       | 21.51                         | 4.96    | 6.61                   | 1.66 | 2.63 | 160 |
|            | L50JD005  | 710D       | 1.62 CY FE BUCKET, 24" B/H DIPPER, W/CAB, 4X2                                | 115 HP                         | D-off   | \$127,590      | 29.89                         | 6.96    | 9.23                   | 2.35 | 3.19 | 230 |
| <b>L55</b> | <b>LOADER / BACKHOE, ATTACHMENTS</b>                  |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 LOADER / BACKHOE, ATTACHMENTS</b> |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>KENT DEMOLITION TOOLS</b>                          |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | L55KN001  | KB-555     | AIR RAM, WITH NARROW CHISEL, 2.5"D, 30"L (ADD COMPR)                         | 175 CFM                        | A       | \$6,311        | 2.83                          | 0.54    | 0.84                   | 0.12 | 0.00 | 6   |
|            | L55KN002  | KB-999     | AIR RAM, WITH NARROW CHISEL, 3.5"D, 36"L (ADD COMPR)                         | 250 CFM                        | A       | \$12,880       | 5.77                          | 1.10    | 1.72                   | 0.24 | 0.00 | 10  |
|            | L55KN003  | KB-2600    | AIR RAM, WITH NARROW CHISEL, 5.25"D,48"L (ADD AIR COMPR) (ADD MIN .75CY B/H) | 750 CFM                        | A       | \$26,277       | 11.62                         | 2.25    | 3.50                   | 0.50 | 0.00 | 22  |
| <b>L60</b> | <b>LOG SKIDDERS</b>                                   |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 LOG SKIDDERS</b>                  |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CATERPILLAR, INC.</b>                              |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | L60CA009  | D4HIII TSK | SKIDDER, TRACK, SERIES III W/SWEEPS, DOZER AND WINCH                         | 105 HP                         | D-off   | \$149,940      | 41.53                         | 10.62   | 15.93                  | 2.65 | 2.91 | 276 |
|            | L60CA012  | 515        | SKIDDER,CABLE,W/30,000# LINE-PULL &WINCH                                     | 140 HP                         | D-off   | \$126,157      | 37.22                         | 8.71    | 12.96                  | 2.23 | 3.88 | 261 |
|            | L60CA005  | 528-B      | SKIDDER,CABLE,W/40,000# LINE-PULL &WINCH                                     | 190 HP                         | D-off   | \$155,966      | 47.35                         | 10.66   | 15.80                  | 2.76 | 5.27 | 334 |
|            | L60CA010  | 527-CA     | SKIDDER,CABLE,W/69,200# LINE-PULL &WINCH                                     | 150 HP                         | D-off   | \$212,221      | 58.82                         | 15.03   | 22.55                  | 3.75 | 4.16 | 355 |
|            | L60CA013  | 525        | SKIDDER,GRAPPLE,W/30,000#LINE-PULL&WINCH                                     | 160 HP                         | D-off   | \$155,463      | 45.32                         | 10.79   | 16.07                  | 2.75 | 4.44 | 315 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                   |         |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|---------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                                      | MODEL   | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>L60</b> | <b>CATERPILLAR, INC. (continued)</b>        |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | L60CA011                                    | 527-GR  | SKIDDER,GRAPPLE,W/69,200#LINE-<br>PULL&WINCH   | 150 HP                         | D-off   | \$246,355      | 67.37                         | 17.44   | 26.18                  | 4.35 | 4.16 | 389 |
|            | <b>DEERE &amp; COMPANY</b>                  |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | L60JD001                                    | 540G    | CABLE LOG SKIDDER, W/28,605# LINE-PULL   | 121 HP                         | D-off   | \$109,025      | 32.60                         | 7.47    | 11.08                  | 1.93 | 3.35 | 217 |
|            | L60JD003                                    | 548G    | GRAPPLE LOG SKIDDER, W/28,605# LINE-<br>PULL   | 121 HP                         | D-off   | \$117,310      | 34.76                         | 8.02    | 11.90                  | 2.07 | 3.35 | 251 |
|            | L60JD004                                    | 648G    | GRAPPLE LOG SKIDDER, W/38,867# LINE-<br>PULL   | 157 HP                         | D-off   | \$143,932      | 43.46                         | 9.68    | 14.28                  | 2.54 | 4.35 | 288 |
|            | L60JD002                                    | 640G    | CABLE LOG SKIDDER, W/39,726# LINE-PULL   | 157 HP                         | D-off   | \$125,328      | 38.05                         | 8.63    | 12.82                  | 2.22 | 4.35 | 239 |
|            | L60JD005                                    | 740G    | GRAPPLE LOG SKIDDER, W/46,861# LINE-<br>PULL   | 173 HP                         | D-off   | \$154,331      | 47.51                         | 10.14   | 14.81                  | 2.73 | 4.80 | 286 |
|            | L60JD006                                    | 643G    | FELLER BUNCHER, 20" DIA, WHEEL<br>MOUNTED  | 170 HP                         | D-off   | \$144,082      | 43.60                         | 9.83    | 14.56                  | 2.55 | 4.71 | 240 |
|            | <b>ALLIED SYSTEMS COMPANY</b>               |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | L60RN001                                    | F65     | CABLE LOG SKIDDER, W/22,400# LINE-PULL   | 104 HP                         | D-off   | \$98,762       | 28.89                         | 6.84    | 10.19                  | 1.75 | 2.88 | 163 |
|            | L60RN002                                    | H66     | CABLE LOG SKIDDER, W/29,200# LINE-PULL   | 132 HP                         | D-off   | \$120,218      | 35.51                         | 8.23    | 12.21                  | 2.12 | 3.66 | 217 |
|            | L60RN003                                    | H77     | CABLE LOG SKIDDER, W/33,400# LINE-PULL   | 159 HP                         | D-off   | \$123,317      | 37.32                         | 8.45    | 12.54                  | 2.18 | 4.41 | 220 |
|            | L60RN004                                    | F68     | CABLE LOG SKIDDER, W/34,600# LINE-PULL   | 217 HP                         | D-off   | \$150,033      | 46.54                         | 10.11   | 14.92                  | 2.65 | 6.02 | 346 |
|            | L60RN005                                    | F65     | GRAPPLE LOG SKIDDER  | 104 HP                         | D-off   | \$117,567      | 33.60                         | 8.18    | 12.19                  | 2.08 | 2.88 | 163 |
|            | L60RN006                                    | H66     | GRAPPLE LOG SKIDDER  | 132 HP                         | D-off   | \$133,815      | 38.74                         | 9.34    | 13.93                  | 2.37 | 3.66 | 217 |
|            | L60RN007                                    | H67     | GRAPPLE LOG SKIDDER  | 159 HP                         | D-off   | \$146,747      | 42.99                         | 10.24   | 15.30                  | 2.59 | 4.41 | 220 |
|            | L60RN008                                    | F68     | GRAPPLE LOG SKIDDER  | 217 HP                         | D-off   | \$155,788      | 47.99                         | 10.52   | 15.54                  | 2.75 | 6.02 | 346 |
| <b>M10</b> | <b>MARINE EQUIPMENT</b>                     |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.11 AQUATIC MAINTENANCE</b> |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>AQUATICS UNLIMITED</b>                   |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | M10AQ003                                    | SRX 109 | AQUAMOG, MARINE MAINTENANCE VESSEL,<br>WITH 180 DEGREE SWING EXCAVATOR ARM,<br>(ADD ATTACHMENTS) | 105 HP                         | D-off   | \$139,100      | 31.02                         | 8.26    | 11.72                  | 2.40 | 2.91 | 138 |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |            |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL      | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |            |  |                                |         |                |                               |         |                        |      |      |     |
| <b>M10</b> | <b>AQUATICS UNLIMITED (continued)</b>                  |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | M10AQ002   | PRX-163TL  | AQUAMOG, MARINE MAINTENANCE VESSEL,<br>WITH 180 DEGREE SWING EXCAVATOR ARM,<br>(ADD ATTACHMENTS) | 163 HP                         | D-off   | \$167,298      | 38.68                         | 9.94    | 14.12                  | 2.88 | 4.52 | 185 |
|            | M10AQ001   | 160/163-TL | AQUAMOG, MARINE MAINTENANCE VESSEL,<br>WITH 360 DEGREE SWING EXCAVATOR ARM,<br>(ADD ATTACHMENTS) | 163 HP                         | D-off   | \$194,837      | 44.04                         | 11.59   | 16.46                  | 3.36 | 4.52 | 270 |
|            | <b>SUBCATEGORY 0.12 AQUATIC MAINTENACE ATTACHMENTS</b> |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>AQUATICS UNLIMITED</b>                              |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | M10AQ006   | AUSC-800E  | SHORE CONVEYOR (UNLOADING LINK<br>BETWEEN AU10-800 HARVESTER AND<br>TRUCK)                       |                                |         | \$23,804       | 6.85                          | 1.67    | 2.43                   | 0.45 | 0.00 | 28  |
|            | M10AQ007   | AQUAMOG    | AQUAMOD AUGER HEAD, 8' WIDE WITH TWIN<br>6"PUMPS, DUAL DISCHARGE LINES                           |                                |         | \$36,835       | 10.47                         | 3.16    | 4.91                   | 0.70 | 0.00 | 24  |
|            | M10AQ011   | AQUAMOG    | CUTTERHEAD, 26" DIAMETER WITH 6" PUMP  |                                |         | \$30,669       | 8.71                          | 2.63    | 4.09                   | 0.58 | 0.00 | 4   |
|            | M10AQ010   | AQUAMOG    | CUTTERHEAD, 30" DIAMETER WITH 8" PUMP,<br>(ATTACHMENT)   |                                |         | \$37,181       | 10.56                         | 3.18    | 4.96                   | 0.70 | 0.00 | 5   |
|            | M10AQ015   | AQUAMOG    | AQUATIC PLANT CONTROL, 5' FLAIL<br>CHOPPER (ATTACHMENT)  |                                |         | \$5,170        | 1.47                          | 0.44    | 0.69                   | 0.10 | 0.00 | 10  |
|            | M10AQ013   | AQUAMOG    | AQUATIC PLANT CONTROL, 6'6" ROTOTILLER<br>2000 (ATTACHMENT)                                      |                                |         | \$8,978        | 2.55                          | 0.77    | 1.20                   | 0.17 | 0.00 | 20  |
|            | M10AQ017   | AQUAMOG    | AQUATIC PLANT CONTROL, 8' RAKE<br>(ATTACHMENT)   |                                |         | \$2,938        | 0.84                          | 0.26    | 0.39                   | 0.06 | 0.00 | 27  |
|            | M10AQ016   | AQUAMOG    | AQUATIC PLANT CONTROL, 8' CLAM RAKE<br>(ATTACHMENT)  |                                |         | \$7,027        | 2.00                          | 0.60    | 0.94                   | 0.13 | 0.00 | 20  |
|            | M10AQ012   | AQUAMOG    | AQUATIC PLANT CONTROL, 8' ROTOTILLER<br>(ATTACHMENT)   |                                |         | \$9,946        | 2.83                          | 0.85    | 1.33                   | 0.19 | 0.00 | 26  |
|            | M10AQ014   | AQUAMOG    | AQUATIC PLANT CONTROL, 10' T-BAR<br>CUTTER (ATTACHMENT)  |                                |         | \$4,749        | 1.35                          | 0.41    | 0.63                   | 0.09 | 0.00 | 4   |
|            | M10AQ018   | AQUAMOG    | AQUATIC PLANT CONTROL, SWING ARM,<br>HYDRAULIC (ATTACHMENT)                                      |                                |         | \$4,788        | 1.36                          | 0.41    | 0.64                   | 0.09 | 0.00 | 30  |
|            | M10AQ019   | AQUAMOG    | 24" CLAM BUCKET, FOR DREDGING<br>(ATTACHMENT)  |                                |         | \$5,522        | 1.57                          | 0.47    | 0.74                   | 0.10 | 0.00 | 8   |
|            | M10AQ020   | AQUAMOG    | 48" CLAM BUCKET, FOR DREDGING<br>(ATTACHMENT)  |                                |         | \$6,268        | 1.79                          | 0.54    | 0.84                   | 0.12 | 0.00 | 22  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10  |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       |     |
|-----|--|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|     | ID.NO.   | MODEL        | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  | CWT |
|     | <b>SUBCATEGORY 0.21 HYDRAULIC CUTTERHEAD DREDGE, 8" OR LESS, TRANSPORTABLE</b> |              |  |                                |         |                |                               |         |                        |      |       |     |
|     | <b>CRISAFULLI PUMP</b>   |              |  |                                |         |                |                               |         |                        |      |       |     |
|     | M10CP001   | 4X6130       | YELLOWSTONE, 15' DREDGING DEPTH PUMP AT 700 GPM, 4" DISCHARGE DIA., WITH 8' CUTTERHEAD (ADD ATTACHMENTS) | 140 HP                         | D-off   | \$107,667      | 27.49                         | 6.44    | 9.15                   | 1.86 | 4.82  | 155 |
|     | M10CP002   | 6X8170       | STILLWATER, 20' DREDGING DEPTH, PUMP AT 2500 GPM, 5" DISCHARGE DIA, WITH 8' CUTTERHEAD (ADD ATTACHMENTS) | 170 HP                         | D-off   | \$119,674      | 31.21                         | 7.14    | 10.17                  | 2.06 | 5.85  | 167 |
|     | M10CP003   | 8X10170      | BIG SKY, 20' DREDGING DEPTH, PUMP AT 2500 GPM, 6" DISCHARGE DIA, WITH 8' CUTTERHEAD (ADD ATTACHMENTS)    | 170 HP                         | D-off   | \$126,442      | 32.54                         | 7.55    | 10.75                  | 2.18 | 5.85  | 167 |
|     | <b>DREDGING SUPPLY COMPANY</b>   |              |  |                                |         |                |                               |         |                        |      |       |     |
|     | M10DS002   | PIRANHA      | 8" DREDGE WITH 22' CUTTERHEAD LADDER, 8"X8" DREDGE PUMP, CATERPILLAR 3208 ENGINE                         | 255 HP                         | D-off   | \$181,623      | 47.25                         | 10.85   | 15.44                  | 3.13 | 8.78  | 400 |
|     | M10DS008   | ULTRA DREDGE | 8" DREDGE W/241 SPUD LENGTH  | 260 HP                         | D-off   | \$214,858      | 53.93                         | 12.83   | 18.26                  | 3.70 | 8.95  | 350 |
|     | <b>KEENE ENGINEERING COMPANY</b>   |              |  |                                |         |                |                               |         |                        |      |       |     |
|     | M10KK001   | 6G - NESSIE  | CUTTERHEAD DREDGE, 6" DIA DISCHARGE, 20 ' MAX DEPTH, 2400 GPM  | 175 HP                         | G       | \$125,562      | 52.06                         | 7.50    | 10.67                  | 2.17 | 19.60 | 93  |
|     | M10KK002   | 6D - NESSIE  | CUTTERHEAD DREDGE, 6" DIA DISCHARGE, 20 ' MAX DEPTH, 2400 GPM  | 250 HP                         | D-off   | \$130,346      | 37.05                         | 7.79    | 11.08                  | 2.25 | 8.61  | 107 |
|     | M10KK003   | 8G - NESSIE  | CUTTERHEAD DREDGE, 8" DIA DISCHARGE, 20 ' MAX DEPTH, 3200 GPM  | 175 HP                         | G       | \$136,470      | 54.17                         | 8.15    | 11.60                  | 2.35 | 19.60 | 106 |
|     | M10KK004   | 8D- NESSIE   | CUTTERHEAD DREDGE, 8" DIA DISCHARGE, 20 ' MAX DEPTH, 3200 GPM  | 250 HP                         | D-off   | \$142,281      | 39.36                         | 8.50    | 12.09                  | 2.45 | 8.61  | 116 |
|     | M10KK005   | 8DX- NESSIE  | CUTTERHEAD DREDGE, 8" DIA DISCHARGE, 20 ' MAX DEPTH, 4500 GPM  | 250 HP                         | D-off   | \$168,216      | 44.41                         | 10.05   | 14.30                  | 2.90 | 8.61  | 163 |
|     | <b>SUBCATEGORY 0.22 HYDRAULIC CUTTERHEAD DREDGE, 8" - 12", TRANSPORTABLE</b>   |              |  |                                |         |                |                               |         |                        |      |       |     |
|     | <b>DELTA DREDGE &amp; PUMP CORPORATION</b>                                     |              |  |                                |         |                |                               |         |                        |      |       |     |
|     | M10DD001   | 212D-MAXI    | CUTTERHEAD DREDGE, 12" DIA DISCHARGE   | 425 HP                         | D-off   | \$566,780      | 121.47                        | 30.53   | 42.51                  | 9.28 | 14.64 | 580 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |            |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT |
|------------|--|------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-----|
|            | ID.NO.   | MODEL      | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |     |
|            |  |            |   |                                |         |                |                               |         |                        |       |       |     |
| <b>M10</b> | <b>DELTA DREDGE &amp; PUMP CORPORATION<br/>(continued)</b>                     |            |   |                                |         |                |                               |         |                        |       |       |     |
|            | M10DD002   | 212E-MAXI  | CUTTERHEAD DREDGE, 12" DIA DISCHARGE  | 500 HP                         | E       | \$823,705      | 225.85                        | 44.38   | 61.78                  | 13.49 | 49.60 | 580 |
|            | <b>DREDGING SUPPLY COMPANY</b>   |            |   |                                |         |                |                               |         |                        |       |       |     |
|            | M10DS004   | SHARK      | 10" DREDGE, 10"X10-32" DREDGE PUMP, 31' CUTTERHEAD, CAT 3406 ENGINE               | 402 HP                         | D-off   | \$269,692      | 67.15                         | 14.54   | 20.23                  | 4.42  | 13.84 | 620 |
|            | M10DS011   | SHARK      | 12" DREDGE, 12"X12-32" DREDGE PUMP  | 500 HP                         | D-off   | \$327,259      | 82.04                         | 17.63   | 24.54                  | 5.36  | 17.22 | 740 |
|            | M10DS005   | BARRACUDA  | 10" SWINGING LADDER/COMBO DREDGE, 10"X10" DREDGE PUMP, CAT3406 ENGINE             | 460 HP                         | D-off   | \$294,550      | 74.31                         | 15.87   | 22.09                  | 4.82  | 15.84 | 720 |
|            | M10DS007   | BARRACUDA  | 12" SWINGING LADDER/COMBO DREDGE, CATERPILLAR 3408 ENGINE                         | 505 HP                         | D-off   | \$351,893      | 86.70                         | 18.95   | 26.39                  | 5.76  | 17.39 | 830 |
|            | M10DS009   | SHARK 750  | 14" DREDGE, CAT 3412  | 500 HP                         | D-off   | \$539,915      | 120.15                        | 29.09   | 40.49                  | 8.84  | 17.22 | 740 |
|            | M10DS010   | SHARK 1050 | 16" DREDGE, CAT 3412  | 500 HP                         | D-off   | \$683,227      | 145.84                        | 36.81   | 51.24                  | 11.19 | 17.22 | 740 |
|            | <b>SUBCATEGORY 0.23 HYDRAULIC AUGERHEAD DREDGE, 12" OR LESS, TRANSPORTABLE</b> |            |   |                                |         |                |                               |         |                        |       |       |     |
|            | <b>ELLCOTT MACHINE CORPORATION</b>   |            |   |                                |         |                |                               |         |                        |       |       |     |
|            | M10EL004   | SP815      | MUD CAT AUGERHEAD, 6" DISCHARGE DIAMETER  | 161 HP                         | D-off   | \$188,423      | 46.66                         | 11.26   | 16.02                  | 3.25  | 5.54  | 330 |
|            | M10EL005   | SP915      | MUD CAT AUGERHEAD, 6" DISCHARGE DIAMETER  | 175 HP                         | D-off   | \$231,634      | 56.29                         | 13.84   | 19.69                  | 3.99  | 6.03  | 350 |
|            | M10EL006   | SP920      | MUD CAT AUGERHEAD, 6" DISCHARGE DIAMETER  | 175 HP                         | D-off   | \$274,650      | 65.24                         | 16.41   | 23.35                  | 4.74  | 6.03  | 360 |
|            | M10EL007   | MC915      | MUD CAT AUGERHEAD, 8" DISCHARGE DIAMETER  | 228 HP                         | D-off   | \$211,199      | 54.52                         | 12.62   | 17.95                  | 3.64  | 7.85  | 400 |
|            | M10EL008   | MC920      | MUD CAT AUGERHEAD, 8" DISCHARGE DIAMETER  | 228 HP                         | D-off   | \$253,756      | 63.37                         | 15.16   | 21.57                  | 4.38  | 7.85  | 410 |
|            | <b>H &amp; H PUMP &amp; DREDGE</b>   |            |   |                                |         |                |                               |         |                        |       |       |     |
|            | M10HH006   | MDS-80-6   | MINI-AUGER TYNE CUTTER, 8" WIDE, 6" DIAMETER DISCHARGE                            | 100 HP                         | D-off   | \$71,716       | 19.58                         | 4.29    | 6.10                   | 1.24  | 3.44  | 95  |
|            | M10HH001   | MDS-150-08 | MODULAR DREDGING SYSTEM, 8" DIAMETER DISCHARGE WITH 8" WIDE AUGER-TYNE CUTTERHEAD | 150 HP                         | D-off   | \$114,177      | 30.74                         | 6.83    | 9.71                   | 1.97  | 5.17  | 140 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |            |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL      | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |            |  |                                |         |                |                               |         |                        |      |      |     |
| <b>M10</b> | <b>H &amp; H PUMP &amp; DREDGE (continued)</b>                             |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | M10HH002   | MDS-150-10 | MODULAR DREDGING SYSTEM, 10" DIAMETER DISCHARGE WITH 8' WIDE AUGER-TYNE CUTTERHEAD   | 150 HP                         | D-off   | \$115,525      | 31.02                         | 6.90    | 9.82                   | 1.99 | 5.17 | 142 |
|            | M10HH003   | MDS-177-08 | MODULAR DREDGING SYSTEM, 8" DIAMETER DISCHARGE WITH 8' WIDE AUGER-TYNE CUTTERHEAD  | 177 HP                         | D-off   | \$121,696      | 33.56                         | 7.27    | 10.34                  | 2.10 | 6.10 | 150 |
|            | M10HH004   | MDS-177-10 | MODULAR DREDGING SYSTEM, 10" DIAMETER DISCHARGE WITH 8' WIDE AUGER-TYNE CUTTERHEAD   | 177 HP                         | D-off   | \$123,043      | 33.84                         | 7.35    | 10.46                  | 2.12 | 6.10 | 152 |
|            | M10HH005   | MDS-177-12 | MODULAR DREDGING SYSTEM, 12" DIAMETER DISCHARGE WITH 8' WIDE AUGER-TYNE CUTTERHEAD   | 177 HP                         | D-off   | \$125,115      | 34.27                         | 7.48    | 10.63                  | 2.16 | 6.10 | 155 |
|            | <b>SUBCATEGORY 0.24 HYDRAULIC FLOATING PUMPS,12" OR LESS,TRANSPORTABLE</b> |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CRISAFULLI PUMP</b>   |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | M10CP005   |            | 3" FLUMP, UNMANNED, REMOTE CABLE CONTROLLED, AQUATIC MAINTENANCE SYSTEM WITH 48" AUGER CUTTERHEAD (ADD DISCHARGE LINE & CABLE SYSTEM)  | 25 HP                          | E       | \$47,289       | 15.49                         | 3.47    | 5.32                   | 0.81 | 2.48 | 34  |
|            | M10CP004   |            | 4" FLUMP, UNMANNED, REMOTE CABLE CONTROLLED, AQUATIC MAINTENANCE SYSTEM, WITH 90" AUGER CUTTERHEAD (ADD DISCHARGE LINE & CABLE SYSTEM) | 40 HP                          | E       | \$50,941       | 18.73                         | 3.74    | 5.73                   | 0.87 | 3.97 | 38  |
|            | <b>SUBCATEGORY 0.26 HYDRAULIC DREDGE / PUMP ATTACHMENTS</b>                |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CRISAFULLI PUMP</b>   |            |  |                                |         |                |                               |         |                        |      |      |     |
|            | M10CP014   |            | 4" DIA FLUMP FLOATING DISCHARGE LINE, ALUMINUM WITH ALUMINUM FLOATS, 0-500' (20' ASSEMBLY)   |                                |         | \$463          | 0.29                          | 0.05    | 0.07                   | 0.01 | 0.00 | 1   |
|            | M10CP018   |            | 4" DIA FLUMP FLOATING DISCHARGE LINE, ALUMINUM WITH FOAM FLOATS, 0-500' (20' ASSEMBLY)   |                                |         | \$757          | 0.42                          | 0.07    | 0.11                   | 0.01 | 0.00 | 2   |
|            | M10CP010   |            | 4" DIA FLUMP FLOATING DISCHARGE LINE POLYETHYLENE, WITH FOAM FLOATS, 0-500' (25' ASSEMBLY)   |                                |         | \$972          | 0.49                          | 0.09    | 0.14                   | 0.02 | 0.00 | 2   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|---|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL    | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|            |   |          |   |                                |         |                |                               |         |                        |      |      |     |
| <b>M10</b> | <b>CRISAFULLI PUMP (continued)</b>                                |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | M10CP015  |          | 6" DIA FLUMP FLOATING DISCHARGE LINE,<br>ALUMINUM WITH ALUMINUM FLOATS, 0-500'<br>(20' ASSEMBLY)    |                                |         | \$569          | 0.37                          | 0.05    | 0.08                   | 0.01 | 0.00 | 2   |
|            | M10CP019  |          | 6" DIA FLUMP FLOATING DISCHARGE LINE,<br>ALUMINUM WITH FOAM FLOATS, 0-500' (20'<br>ASSEMBLY)        |                                |         | \$911          | 0.47                          | 0.09    | 0.13                   | 0.02 | 0.00 | 3   |
|            | M10CP011  |          | 6" DIA FLUMP FLOATING DISCHARGE LINE,<br>POLYETHYLENE, WITH FOAM FLOATS, 0-500'<br>(20' ASSEMBLY)   |                                |         | \$1,188        | 0.60                          | 0.11    | 0.17                   | 0.02 | 0.00 | 2   |
|            | M10CP020  |          | 8" DIA DREDGE FLOATING DISCHARGE LINE,<br>ALUMINUM WITH ALUMINUM FLOATS, 0-500'<br>(20' ASSEMBLY)   |                                |         | \$732          | 0.46                          | 0.06    | 0.10                   | 0.01 | 0.00 | 3   |
|            | M10CP016  |          | 8" DIA DREDGE FLOATING DISCHARGE LINE,<br>ALUMINUM WITH FOAM FLOATS, 0-500' (20'<br>ASSEMBLY)       |                                |         | \$1,042        | 0.56                          | 0.10    | 0.15                   | 0.02 | 0.00 | 3   |
|            | M10CP012  |          | 8" DIA DREDGE FLOATING DISCHARGE LINE,<br>POLYETHYLENE, WITH FOAM FLOATS, 0-500'<br>(25' ASSEMBLY)  |                                |         | \$1,426        | 0.72                          | 0.13    | 0.20                   | 0.03 | 0.00 | 3   |
|            | M10CP017  |          | 10" DIA DREDGE FLOATING DISCHARGE LINE,<br>ALUMINUM WITH FOAM FLOATS, 0-500' (20'<br>ASSEMBLY)      |                                |         | \$1,345        | 0.69                          | 0.12    | 0.19                   | 0.02 | 0.00 | 4   |
|            | M10CP013  |          | 10" DIA DREDGE FLOATING DISCHARGE LINE,<br>POLYETHYLENE, WITH FOAM FLOATS, 0-500'<br>(25' ASSEMBLY) |                                |         | \$1,795        | 0.82                          | 0.16    | 0.25                   | 0.03 | 0.00 | 4   |
|            | M10CP006  |          | FLUMP MANUAL TRAVERSING CABLING<br>SYSTEM, 2-POST, 500' CABLE, 2000 LB. CAP                         |                                |         | \$1,229        | 0.65                          | 0.11    | 0.17                   | 0.02 | 0.00 | 3   |
|            | M10CP008  |          | FLUMP MANUAL TRAVERSING CABLING<br>SYS, 4-POST, 400'X200' CABLE, 2000 LB CAP                        |                                |         | \$7,632        | 2.73                          | 0.68    | 1.08                   | 0.14 | 0.00 | 8   |
|            | M10CP007  |          | DREDGE MANUAL TRAVERSING CABLING<br>SYS, 2-POST, 700' CABLE, 4000 LB CAP                            |                                |         | \$2,437        | 1.11                          | 0.22    | 0.35                   | 0.04 | 0.00 | 5   |
|            | M10CP009  |          | DREDGE MANUAL TRAVERSING CABLING<br>SYSTEM 4-POST, 600'X200', 4000 LB CAP                           |                                |         | \$9,718        | 3.44                          | 0.87    | 1.38                   | 0.18 | 0.00 | 12  |
|            | <b>SUBCATEGORY 0.32 SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS</b> |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>TRANSCOASTAL MARINE SERVICES</b>                               |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | M10KR001  | 45528-18 | 0.75 CY AMPHIBIOUS EXCAVATOR<br>(CATERPILLAR MODEL 320)   | 128 HP                         | D-off   | \$273,684      | 68.57                         | 16.35   | 23.26                  | 4.72 | 3.55 | 590 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT      | REGION 10  |   |   | ENGINE HORSEPOWER<br>FUEL TYPE |          | VALUE<br>(TEV)<br>1996 (\$) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |      | CWT |
|----------|--|---|---|--------------------------------|----------|-----------------------------|-------------------------------|---------|------------------------|-------|------|-----|
|          | ID.NO.   | MODEL   | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER  |                             | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL |     |
| M10      | <b>TRANSCOASTAL MARINE SERVICES<br/>(continued)</b>                    |   |   |                                |          |                             |                               |         |                        |       |      |     |
|          | M10KR002   | 5528-18   | 1.00 CY AMPHIBIOUS EXCAVATOR<br>(CATERPILLAR MODEL 325)                                     | 168 HP                         | D-off    | \$322,498                   | 81.50                         | 19.27   | 27.41                  | 5.56  | 4.66 | 730 |
|          | <b>SUBCATEGORY 0.33 SMALL MECH DREDGES,HOE-MOUNTED DREDGING ATTACH</b> |   |   |                                |          |                             |                               |         |                        |       |      |     |
|          | <b>ELLICOTT MACHINE CORPORATION</b>                                    |   |   |                                |          |                             |                               |         |                        |       |      |     |
|          | M10EL009   | HMDE-50   | BACKHOE MOUNTED DREDGING<br>EXCAVATOR, 6"-8" DISCHARGE DIAMETER<br>(ADD 50 HP EXCAVATOR)    |                                |          | \$237,197                   | 29.03                         | 8.92    | 10.08                  | 3.88  | 0.00 | 75  |
|          | M10EL010   | HMDE-60   | BACKHOE MOUNTED DREDGING<br>EXCAVATOR, 8"-12" DISCHARGE DIAMETER<br>(ADD 100 HP EXCAVATOR)  |                                |          | \$400,131                   | 48.29                         | 15.06   | 17.01                  | 6.55  | 0.00 | 180 |
|          | M10EL011   | HMDE-94   | BACKHOE MOUNTED DREDGING<br>EXCAVATOR, 10"-14" DISCHARGE DIAMETER<br>(ADD 300 HP EXCAVATOR) |                                |          | \$433,731                   | 52.25                         | 16.31   | 18.43                  | 7.10  | 0.00 | 265 |
|          | M10EL012   | HMDE-120  | BACKHOE MOUNTED DREDGING<br>EXCAVATOR, 14"-18" DISCHARGE DIAMETER<br>(ADD 500 HP EXCAVATOR) |                                |          | \$871,182                   | 103.96                        | 32.78   | 37.03                  | 14.27 | 0.00 | 850 |
|          | <b>SUBCATEGORY 0.41 WORK FLOATS (NON-DREDGING)</b>                     |   |   |                                |          |                             |                               |         |                        |       |      |     |
|          | <b>MARINE INLAND FABRICATORS</b>                                       |   |   |                                |          |                             |                               |         |                        |       |      |     |
|          | M10MZ001   |   | 20' X 8' X 2' WORK FLOAT, MEDIUM DUTY   |                                |          | \$5,084                     | 1.41                          | 0.47    | 0.76                   | 0.09  | 0.00 | 43  |
|          | M10MZ002   |   | 25' X 8' X 2' WORK FLOAT, MEDIUM DUTY   |                                |          | \$5,579                     | 1.55                          | 0.52    | 0.84                   | 0.10  | 0.00 | 53  |
|          | M10MZ003   |   | 30' X 10' X 3' WORK FLOAT, MEDIUM DUTY  |                                |          | \$8,450                     | 2.35                          | 0.79    | 1.27                   | 0.15  | 0.00 | 82  |
|          | <b>SUBCATEGORY 0.42 WORK BARGES (SECTIONAL, NON-DREDGING)</b>          |   |   |                                |          |                             |                               |         |                        |       |      |     |
|          | <b>MARINE INLAND FABRICATORS</b>                                       |   |   |                                |          |                             |                               |         |                        |       |      |     |
|          | M10MZ004   |   | 35' X 10' X 3' WORK BARGE, MEDIUM DUTY  |                                |          | \$13,431                    | 2.49                          | 0.82    | 1.21                   | 0.22  | 0.00 | 131 |
|          | M10MZ005   | RAKE  | 40' X 12' X 4' WORK BARGE, MEDIUM DUTY<br>WITH ONE BUCKHEAD & SPUDS                         |                                |          | \$21,622                    | 4.02                          | 1.34    | 1.95                   | 0.36  | 0.00 | 193 |
| M10MZ006 |  | 45' X 12' X 4' WORK BARGE, MEDIUM DUTY<br>WITH ONE BUCKHEAD & SPUDS |   |                                | \$24,465 | 4.55                        | 1.51                          | 2.20    | 0.41                   | 0.00  | 220  |     |
| M10MZ007 |  | 50' X 14' X 4' WORK BARGE, MEDIUM DUTY                              |   |                                | \$27,822 | 5.16                        | 1.71                          | 2.50    | 0.46                   | 0.00  | 273  |     |
| M10MZ008 |  | 55' X 14' X 5' WORK BARGE, MEDIUM DUTY                              |   |                                | \$34,348 | 6.38                        | 2.11                          | 3.09    | 0.57                   | 0.00  | 319  |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT      | REGION 10   |  |   | ENGINE HORSEPOWER<br>FUEL TYPE |          | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       |     |
|----------|---|--|---|--------------------------------|----------|----------------|-------------------------------|---------|------------------------|-------|-------|-----|
|          | ID.NO.  | MODEL  | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER  | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  | CWT |
| M10      | <b>MARINE INLAND FABRICATORS (continued)</b>                |  |   |                                |          |                |                               |         |                        |       |       |     |
|          | M10MZ009  |  | 60' X 16' X 5' WORK BARGE, MEDIUM DUTY  |                                |          | \$41,135       | 7.64                          | 2.54    | 3.70                   | 0.69  | 0.00  | 388 |
|          | <b>SUBCATEGORY 0.51 BOATS &amp; LAUNCHES, 0 THRU 250 HP</b> |  |   |                                |          |                |                               |         |                        |       |       |     |
|          | <b>MARINE INLAND FABRICATORS</b>                            |  |   |                                |          |                |                               |         |                        |       |       |     |
|          | M10MZ010  | COLT   | 20' 3" X 8' X 3' TRUCKABLE WORKBOAT WITH PILOT HOUSE & PUSH KNEES                 | 140 HP                         | D-off    | \$32,177       | 11.07                         | 1.69    | 2.28                   | 0.55  | 3.88  | 95  |
|          | M10MZ011  | MUSTANG  | 25' 3" X 10' X 3'6" TRUCKABLE WORKBOAT WITH PILOT HOUSE & PUSH KNEES              | 210 HP                         | D-off    | \$42,873       | 15.72                         | 2.25    | 3.04                   | 0.73  | 5.82  | 190 |
|          | <b>SEAARK MARINE</b>  |  |   |                                |          |                |                               |         |                        |       |       |     |
|          | M10SM001  | 17'  | 17' LITTLE GIANT, UTILITY SERIES,W/CABIN TRI-HULL, CAPACITY 2000 LBS, OUTBOARD    | 150 HP                         | G        | \$39,828       | 25.80                         | 2.08    | 2.82                   | 0.67  | 13.65 | 18  |
|          | M10SM002  | 19'  | 19' LITTLE GIANT, UTILITY SERIES,W/CABIN TRI-HULL, CAPACITY 2400 LBS, OUTBOARD    | 200 HP                         | G        | \$42,415       | 32.65                         | 2.22    | 3.00                   | 0.72  | 18.20 | 20  |
|          | M10SM003  | 21'  | 21' LITTLE GIANT, UTILITY SERIES,W/CABIN TRI-HULL, CAPACITY 2800 LBS, OUTBOARD    | 200 HP                         | G        | \$44,577       | 33.01                         | 2.34    | 3.16                   | 0.76  | 18.20 | 24  |
|          | M10SM004  | 23'  | 23' LITTLE GIANT, UTILITY SERIES,W/CABIN TRI-HULL, CAPACITY 3400 LBS, STERN DRIVE | 250 HP                         | G        | \$48,772       | 40.12                         | 2.56    | 3.45                   | 0.83  | 22.75 | 28  |
|          | M10SM005  | 18'  | 18' RIVER RUNNER, VEE HULL, NO CABIN, O/B ENGINE, CAPACITY 1350 LBS               | 115 HP                         | G        | \$18,074       | 17.75                         | 0.95    | 1.28                   | 0.31  | 10.47 | 15  |
|          | M10SM006  | 20'  | 20' RIVER RUNNER, VEE HULL, NO CABIN, O/B ENGINE, CAPACITY 1650 LBS               | 115 HP                         | G        | \$20,004       | 18.07                         | 1.05    | 1.42                   | 0.34  | 10.47 | 15  |
|          | M10SM007  | 17'  | 17' ROUSTABOUT, TRI HULL, NO CABIN, O/B ENGINE, CAPACITY 2200 LBS                 | 150 HP                         | G        | \$30,647       | 24.29                         | 1.61    | 2.17                   | 0.52  | 13.65 | 16  |
|          | M10SM008  | 19'  | 19' ROUSTABOUT, TRI HULL, NO CABIN, O/B ENGINE, CAPACITY 2600 LBS                 | 200 HP                         | G        | \$33,488       | 31.18                         | 1.75    | 2.37                   | 0.57  | 18.20 | 17  |
| M10SM009 | 21'   | 21' ROUSTABOUT, TRI HULL, NO CABIN, O/B ENGINE, CAPACITY 3000 LBS  | 200 HP  | G                              | \$35,721 | 31.55          | 1.88                          | 2.53    | 0.61                   | 18.20 | 25    |     |
| M10SM010 | 23'   | 23' ROUSTABOUT, TRI HULL, NO CABIN, O/B ENGINE, CAPACITY 3600 LBS  | 200 HP  | G                              | \$38,545 | 32.01          | 2.02                          | 2.73    | 0.65                   | 18.20 | 29    |     |
| M10SM011 | 2008-B  | 20' 3" TRANSPORTER SERIES, SINGLE STERN DRIVE, FLAT OR 5 DEGREE VEE HULL, CAPACITY 3500 LBS, W/6X6 CABIN | 205 HP  | G                              | \$55,757 | 35.49          | 2.92                          | 3.95    | 0.94                   | 18.66 | 34    |     |
| M10SM012 | 2408-B  | 24' 3" TRANSPORTER SERIES, STERN DRIVE, FLAT OR 5 DEGREE VEE HULL, CAPACITY 4000 LBS, W/6X6 CABIN        | 250 HP  | G                              | \$61,868 | 42.27          | 3.24                          | 4.38    | 1.05                   | 22.75 | 41    |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |   |  | ENGINE HORSEPOWER<br>FUEL TYPE |           | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT |
|------------|---|---|--|--------------------------------|-----------|----------------|-------------------------------|---------|------------------------|-------|-------|-----|
|            | ID.NO.  | MODEL   | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER   | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |     |
|            |   |   |  |                                |           |                |                               |         |                        |       |       |     |
| <b>M10</b> | <b>SEAARK MARINE (continued)</b>                              |   |  |                                |           |                |                               |         |                        |       |       |     |
|            | M10SM016  | 2008-C  | 20' 4" SURVEYOR SERIES, SINGLE STERN DRIVE, TRI HULL, CAP 3500 LBS, W/CABIN                        | 205 HP                         | G         | \$50,443       | 34.62                         | 2.63    | 3.57                   | 0.85  | 18.66 | 28  |
|            | M10SM013  | 2308-C  | 22'10" SURVEYOR UTILITY SERIES, STERN DRIVE, FLAT OR 5 DEGREE VEE HULL, CAPACITY 4000 LBS, W/CABIN | 250 HP                         | G         | \$57,404       | 41.54                         | 3.00    | 4.07                   | 0.97  | 22.75 | 42  |
|            | <b>SUBCATEGORY 0.53 BOATS &amp; LAUNCHES, 251 THRU 500 HP</b> |   |  |                                |           |                |                               |         |                        |       |       |     |
|            | <b>MARINE INLAND FABRICATORS</b>                              |   |  |                                |           |                |                               |         |                        |       |       |     |
|            | M10MZ012  | STALLION  | 25' 3" X 12' X 4' TRUCKABLE WORKBOAT WITH TWIN ENGINE & PUSH KNEES                                 | 350 HP                         | D-off     | \$90,679       | 28.29                         | 4.28    | 5.51                   | 1.52  | 9.70  | 210 |
|            | M10MZ013  | CLYDESDALE  | 25' 3" X 14' X 4'6" TRUCKABLE WORKBOAT   | 350 HP                         | D-off     | \$109,589      | 31.17                         | 5.17    | 6.65                   | 1.84  | 9.70  | 260 |
|            | <b>SEAARK MARINE</b>  |   |  |                                |           |                |                               |         |                        |       |       |     |
|            | M10SM014  | 2608-C  | 25' 10" SURVEYOR SERIES, STERN DRIVE, TRI HULL, CAPACITY 4500 LBS, W/ CABIN                        | 300 HP                         | G         | \$62,500       | 48.05                         | 2.95    | 3.79                   | 1.05  | 27.30 | 37  |
|            | M10SM015  | 2610-C  | 26' 8" SURVEYOR SERIES, TWIN STERN DRIVE, TRI HULL, CAPACITY 6000 LBS, W/CABIN                     | 415 HP                         | G         | \$96,021       | 67.94                         | 4.53    | 5.83                   | 1.61  | 37.77 | 58  |
|            | M10SM017  | 3512-B  | 36' TRANSPORTER, 12' BEAM, TWIN STERN DRIVE, W/CABIN & PUSH KNEES                                  | 410 HP                         | G         | \$106,612      | 68.91                         | 5.03    | 6.47                   | 1.79  | 37.31 | 120 |
|            | M10SM018  | 4014-B  | 40' TRANSPORTER, 14' BEAM, TWIN STERN DRIVE, W/CABIN & PUSH KNEES                                  | 400 HP                         | D-off     | \$143,887      | 38.48                         | 6.78    | 8.74                   | 2.41  | 11.09 | 200 |
|            | M10SM019  | 4614-B  | 46' TRANSPORTER, 14' BEAM, TWIN STERN DRIVE, W/CABIN & PUSH KNEES                                  | 400 HP                         | D-off     | \$172,442      | 42.84                         | 8.13    | 10.47                  | 2.89  | 11.09 | 240 |
|            | <b>SUBCATEGORY 0.54 TUGS, 501 THRU 1,000 HP</b>               |   |  |                                |           |                |                               |         |                        |       |       |     |
|            | <b>SEAARK MARINE</b>  |   |  |                                |           |                |                               |         |                        |       |       |     |
| M10SM020   | 4013V   | 40' DAUNTLESS, 14' BEAM, CABIN, DEEP V BOTTOM, TWIN INBOARD, RADAR & 4 KW GEN SET | 600 HP   | D-off                          | \$299,139 | 59.14          | 11.44                         | 13.46   | 4.71                   | 15.62 | 280   |     |
| M10SM021   | 4414V   | 44' DAUNTLESS, 14' BEAM, CABIN, DEEP V BOTTOM, TWIN INBOARD, RADAR & 8 KW GEN SET | 1,000 HP   | D-off                          | \$441,595 | 91.75          | 16.90                         | 19.87   | 6.96                   | 26.04 | 320   |     |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT   | REGION 10  |       |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|---|--|-------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|   | ID.NO.   | MODEL | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
| <b>P10 PILE HAMMER ACCESSORIES - EXTRACTORS &amp; BOX LEADS</b> |  |       |   |                                |         |                |                               |         |                        |      |       |     |
|   | <b>SUBCATEGORY 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS &amp; BOX LEADS</b> |       |   |                                |         |                |                               |         |                        |      |       |     |
|   | <b>INTERNATIONAL CONSTRUCTION EQUIPMENT</b>                                  |       |   |                                |         |                |                               |         |                        |      |       |     |
| P10IC001  | 216  |       | DRIVER/EXTRACTOR, 30 TON LINE-PULL                              | 175 HP                         | D-off   | \$94,417       | 35.11                         | 7.04    | 10.23                  | 1.93 | 4.85  | 130 |
| P10IC002  | 416L   |       | DRIVER/EXTRACTOR, 40 TON LINE-PULL                              | 300 HP                         | D-off   | \$148,669      | 56.24                         | 11.08   | 16.11                  | 3.03 | 8.32  | 207 |
| P10IC003  | 612  |       | DRIVER/EXTRACTOR, 40-TON LINE-PULL                              | 300 HP                         | D-off   | \$186,363      | 67.53                         | 13.90   | 20.19                  | 3.80 | 8.32  | 235 |
| P10IC004  | 815  |       | DRIVER/EXTRACTOR, 50 TON LINE-PULL                              | 503 HP                         | D-off   | \$238,051      | 90.94                         | 17.75   | 25.79                  | 4.86 | 13.94 | 316 |
| P10IC005  | 1412B  |       | DRIVER/EXTRACTOR, 150 TON LINE-PULL                             | 800 HP                         | D-off   | \$379,962      | 145.04                        | 28.33   | 41.16                  | 7.75 | 22.18 | 525 |
| P10IC010  |  |       | SWING LEAD, 26" X 86'   |                                |         | \$21,096       | 6.32                          | 1.58    | 2.29                   | 0.43 | 0.00  | 101 |
| P10IC011  |  |       | FIXED LEAD, 26" X 86', W/SPOTTER                                | 13 HP                          | D-off   | \$39,608       | 12.37                         | 2.96    | 4.29                   | 0.81 | 0.36  | 134 |
| P10IC012  |  |       | SWING LEAD, 32" X 88'   |                                |         | \$26,095       | 7.81                          | 1.95    | 2.83                   | 0.53 | 0.00  | 155 |
| P10IC013  |  |       | FIXED LEAD, 32" X 88', W/SPOTTER                                | 13 HP                          | G       | \$43,873       | 14.80                         | 3.27    | 4.75                   | 0.90 | 1.18  | 193 |
| <b>P20 PILE HAMMERS, DOUBLE ACTING</b>                          |  |       |   |                                |         |                |                               |         |                        |      |       |     |
|   | <b>SUBCATEGORY 0.10 DIESEL</b>   |       |   |                                |         |                |                               |         |                        |      |       |     |
|   | <b>INTERNATIONAL CONSTRUCTION EQUIPMENT</b>                                  |       |   |                                |         |                |                               |         |                        |      |       |     |
| P20IC001  | 180  |       | 8,100 FT-LBS, MAXIMUM STROKE 4'9" (ADD LEADS AND CRANE)         |                                |         | \$39,224       | 15.50                         | 2.92    | 4.25                   | 0.80 | 0.00  | 52  |
| P20IC002  | 440  |       | 18,100 FT-LBS, MAXIMUM STROKE 4'8" (ADD LEADS & CRANE)          |                                |         | \$90,300       | 34.71                         | 6.73    | 9.78                   | 1.84 | 0.00  | 122 |
| P20IC003  | 520  |       | 30,000 FT-LBS, MAXIMUM STROKE 5'11" (ADD LEADS & CRANE)         |                                |         | \$87,393       | 34.26                         | 6.52    | 9.47                   | 1.78 | 0.00  | 159 |
| P20IC004  | 640  |       | 40,000 FT-LBS, MAXIMUM STROKE 6'8" (ADD LEADS & CRANE)          |                                |         | \$92,968       | 36.94                         | 6.94    | 10.07                  | 1.90 | 0.00  | 169 |
|   | <b>MKT MANUFACTURING, INC.</b>   |       |   |                                |         |                |                               |         |                        |      |       |     |
| P20MK001  | DA-15C   |       | 8,200 FT-LBS, MAXIMUM STROKE 10'-6", DIESEL (ADD LEADS & CRANE) |                                |         | \$48,991       | 19.06                         | 3.65    | 5.31                   | 1.00 | 0.00  | 60  |
| P20MK002  | 5  |       | 1,000 FT-LBS, MAXIMUM STROKE 7" (ADD COMPRESSOR, LEADS & CRANE) | 250 CFM                        | A       | \$18,682       | 7.28                          | 1.39    | 2.02                   | 0.38 | 0.00  | 17  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                  |         |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|---------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                                     | MODEL   | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |         |  |                                |         |                |                               |         |                        |      |      |     |
| <b>P20</b> | <b>MKT MANUFACTURING, INC. (continued)</b> |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | P20MK003                                   | 6       | 2,500 FT-LBS, MAXIMUM STROKE 8.75" (ADD COMPRESSOR, LEADS & CRANE) | 400 CFM                        | A       | \$22,860       | 9.31                          | 1.71    | 2.48                   | 0.47 | 0.00 | 31  |
|            | P20MK004                                   | 7       | 4,150 FT-LBS, MAXIMUM STROKE 9.5" (ADD COMPRESSOR, LEADS & CRANE)  | 450 CFM                        | A       | \$28,646       | 11.65                         | 2.13    | 3.10                   | 0.58 | 0.00 | 50  |
|            | P20MK005                                   | 9B3     | 8,750 FT-LBS, MAXIMUM STROKE 17" (ADD COMPRESSOR, LEADS & CRANE)   | 600 CFM                        | A       | \$46,569       | 18.17                         | 3.47    | 5.04                   | 0.95 | 0.00 | 74  |
|            | P20MK006                                   | 10B3    | 13,100 FT-LBS, MAXIMUM STROKE 19" (ADD COMPRESSOR, LEADS & CRANE)  | 750 CFM                        | A       | \$51,329       | 21.16                         | 3.83    | 5.56                   | 1.05 | 0.00 | 114 |
|            | P20MK007                                   | 11B3    | 19,150 FT-LBS, MAXIMUM STROKE 19" (ADD COMPRESSOR, LEADS & CRANE)  | 900 CFM                        | A       | \$57,730       | 23.48                         | 4.30    | 6.25                   | 1.18 | 0.00 | 141 |
| <b>P25</b> | <b>PILE HAMMERS, SINGLE ACTING</b>         |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.10 DIESEL</b>             |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>PILECO</b>                              |         |  |                                |         |                |                               |         |                        |      |      |     |
|            | P25DL001                                   | D6-32   | 10,500 FT-LBS, MAXIMUM STROKE 11'8" (ADD LEADS & CRANE)            |                                |         | \$42,701       | 15.56                         | 3.19    | 4.63                   | 0.87 | 0.00 | 38  |
|            | P25DL002                                   | D8-22   | 18,000 FT-LBS, MAXIMUM STROKE 11'8" (ADD LEADS & CRANE)            |                                |         | \$44,833       | 16.58                         | 3.34    | 4.86                   | 0.91 | 0.00 | 42  |
|            | P25DL003                                   | D12-32  | 31,320 FT-LBS, MAXIMUM STROKE 11'8" (ADD LEADS & CRANE)            |                                |         | \$49,285       | 18.06                         | 3.68    | 5.34                   | 1.01 | 0.00 | 63  |
|            | P25DL004                                   | D19-32  | 42,800 FT-LBS, MAXIMUM STROKE 11'8" (ADD LEADS & CRANE)            |                                |         | \$66,845       | 24.66                         | 4.98    | 7.24                   | 1.36 | 0.00 | 76  |
|            | P25DL005                                   | D25-32  | 58,248 FT-LBS, MAXIMUM STROKE 11'8" (ADD LEADS & CRANE)            |                                |         | \$99,241       | 36.60                         | 7.40    | 10.75                  | 2.03 | 0.00 | 122 |
|            | P25DL006                                   | D30-32  | 69,898 FT-LBS, MAXIMUM STROKE 11'8" (ADD LEADS & CRANE)            |                                |         | \$105,055      | 39.23                         | 7.83    | 11.38                  | 2.14 | 0.00 | 133 |
|            | P25DL007                                   | D36-32  | 83,880 FT-LBS, MAXIMUM STROKE 11'8" (ADD LEADS & CRANE)            |                                |         | \$131,493      | 48.78                         | 9.80    | 14.25                  | 2.68 | 0.00 | 174 |
|            | P25DL008                                   | D46-32  | 107,177 FT-LBS, MAXIMUM STROKE 11'8" (ADD LEADS & CRANE)           |                                |         | \$142,194      | 53.93                         | 10.60   | 15.40                  | 2.90 | 0.00 | 196 |
|            | P25DL009                                   | D62-22  | 165,000 FT-LBS, MAX STROKE 11'8" (ADD LEADS & CRANE)               |                                |         | \$270,106      | 98.99                         | 20.14   | 29.26                  | 5.51 | 0.00 | 280 |
|            | P25DL010                                   | D80-23  | 225,000 FT-LBS, MAX STROKE 11'8" (ADD LEADS & CRANE)               |                                |         | \$387,242      | 140.71                        | 28.88   | 41.95                  | 7.90 | 0.00 | 377 |
|            | P25DL011                                   | D100-13 | 300,000 FT-LBS, MAX STROKE 11'8" (ADD LEADS & CRANE)               |                                |         | \$415,423      | 152.00                        | 30.98   | 45.00                  | 8.48 | 0.00 | 454 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10 |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|--|-----------|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|  | ID.NO.    | MODEL        | EQUIPMENT DESCRIPTION                                      | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
| <b>INTERNATIONAL CONSTRUCTION EQUIPMENT</b>                        |           |              |  |                                |         |                |                               |         |                        |      |      |     |
|  | P25IC001  | 30S          | 22,500 FT-LBS, MAXIMUM STROKE 7' 8"                        |                                |         | \$60,740       | 22.98                         | 4.53    | 6.58                   | 1.24 | 0.00 | 73  |
|  | P25IC002  | 42S          | 42,000 FT-LBS, MAXIMUM STROKE 10' 5"                       |                                |         | \$73,644       | 28.64                         | 5.49    | 7.98                   | 1.50 | 0.00 | 91  |
|  | P25IC003  | 60S          | 60,000 FT-LBS, MAXIMUM STROKE 10' 5"                       |                                |         | \$117,224      | 44.50                         | 8.74    | 12.70                  | 2.39 | 0.00 | 161 |
|  | P25IC004  | 80S          | 80,000 FT-LBS, MAXIMUM STROKE 12' 5"                       |                                |         | \$136,876      | 52.12                         | 10.21   | 14.83                  | 2.79 | 0.00 | 175 |
|  | P25IC005  | 100S         | 100,000 FT-LBS, MAXIMUM STROKE 12' 0"                      |                                |         | \$177,884      | 67.10                         | 13.27   | 19.27                  | 3.63 | 0.00 | 220 |
|  | P25IC006  | 120S         | 120,000 FT-LBS, MAXIMUM STROKE 12' 5"                      |                                |         | \$212,439      | 79.86                         | 15.84   | 23.01                  | 4.33 | 0.00 | 274 |
| <b>MKT MANUFACTURING, INC.</b>                                     |           |              |  |                                |         |                |                               |         |                        |      |      |     |
|  | P25MK002  | DA-35C       | 23,800 FT-LBS, MAXIMUM STROKE 10' 6",<br>DIESEL            |                                |         | \$64,903       | 24.70                         | 4.84    | 7.03                   | 1.32 | 0.00 | 113 |
|  | P25MK001  | DE-33/30/20C | 33,000 FT-LBS, MAXIMUM STROKE 10' 6",                      |                                |         | \$59,488       | 22.84                         | 4.43    | 6.44                   | 1.21 | 0.00 | 78  |
|  | P25MK003  | DE-70/50C    | 70,000 FT-LBS, MAXIMUM STROKE 10' 9",<br>7000# RAM, DIESEL |                                |         | \$92,352       | 35.73                         | 6.88    | 10.00                  | 1.88 | 0.00 | 150 |
| <b>VULCAN IRON WORKS, INC.</b>                                     |           |              |  |                                |         |                |                               |         |                        |      |      |     |
|  | P25VU002  | 306          | 18,000 FT-LBS (ADD COMPR, LEADS &<br>CRANE)                | 750 CFM                        | A       | \$63,623       | 24.26                         | 4.75    | 6.89                   | 1.30 | 0.00 | 121 |
|  | P25VU003  | 505          | 25,000 FT-LBS (ADD COMPR, LEADS &<br>CRANE)                | 600 CFM                        | A       | \$63,203       | 24.12                         | 4.71    | 6.85                   | 1.29 | 0.00 | 127 |
|  | P25VU004  | 506          | 32,500 FT-LBS (ADD COMPR, LEADS &<br>CRANE)                | 900 CFM                        | A       | \$64,721       | 24.64                         | 4.83    | 7.01                   | 1.32 | 0.00 | 140 |
|  | P25VU005  | 508          | 40,000 FT-LBS (ADD COMPR, LEADS &<br>CRANE)                | 900 CFM                        | A       | \$87,171       | 32.32                         | 6.50    | 9.44                   | 1.78 | 0.00 | 202 |
|  | P25VU010  | 510          | 50,000 FT-LBS (ADD COMPR, LEADS &<br>CRANE)                | 1,050 CFM                      | A       | \$89,770       | 31.66                         | 6.70    | 9.73                   | 1.83 | 0.00 | 222 |
|  | P25VU011  | 512          | 60,000 FT-LBS (ADD COMPR, LEADS &<br>CRANE)                | 1,200 CFM                      | A       | \$90,936       | 32.28                         | 6.79    | 9.85                   | 1.86 | 0.00 | 242 |
| <b>P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY</b>              |           |              |  |                                |         |                |                               |         |                        |      |      |     |
| <b>SUBCATEGORY 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY</b> |           |              |  |                                |         |                |                               |         |                        |      |      |     |
| <b>MKT MANUFACTURING, INC.</b>                                     |           |              |  |                                |         |                |                               |         |                        |      |      |     |
|  | P30MK001  | V-5C         | MAXIMUM DRIVING FORCE 53 TON                               | 175 HP                         | D-off   | \$89,085       | 37.31                         | 6.65    | 9.65                   | 1.82 | 4.85 | 118 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |        |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|---|--------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.  | MODEL  | EQUIPMENT DESCRIPTION                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
| <b>P30</b> | <b>MKT MANUFACTURING, INC. (continued)</b>            |        |  |                                |         |                |                               |         |                        |       |       |       |
|            | P30MK002  | V-17   | MAXIMUM DRIVING FORCE 90 TON             | 325 HP                         | D-off   | \$148,635      | 63.55                         | 11.08   | 16.10                  | 3.03  | 9.01  | 211   |
|            | P30MK003  | V-20B  | MAXIMUM DRIVING FORCE 107 TON            | 325 HP                         | D-off   | \$152,499      | 64.87                         | 11.37   | 16.52                  | 3.11  | 9.01  | 211   |
|            | P30MK004  | V-30   | MAXIMUM DRIVING FORCE 180 TON            | 600 HP                         | D-off   | \$240,928      | 105.88                        | 17.97   | 26.10                  | 4.92  | 16.63 | 345   |
|            | <b>VULCAN IRON WORKS, INC.</b>                        |        |  |                                |         |                |                               |         |                        |       |       |       |
|            | P30VU001  | 400A   | 17 TON, DRIVER/EXTRACTOR                 | 58 HP                          | D-off   | \$52,041       | 20.07                         | 3.88    | 5.64                   | 1.06  | 1.61  | 50    |
|            | P30VU002  | 1150A  | 42 TON, DRIVER/EXTRACTOR                 | 155 HP                         | D-off   | \$112,178      | 44.43                         | 8.37    | 12.15                  | 2.29  | 4.30  | 138   |
|            | P30VU003  | 2300A  | 84 TON, DRIVER/EXTRACTOR                 | 360 HP                         | D-off   | \$166,946      | 71.20                         | 12.46   | 18.09                  | 3.41  | 9.98  | 166   |
|            | P30VU004  | 4600A  | 167 TON, DRIVER/EXTRACTOR                | 560 HP                         | D-off   | \$237,802      | 103.23                        | 17.73   | 25.76                  | 4.85  | 15.52 | 246   |
| <b>P35</b> | <b>PIPELAYERS</b>                                     |        |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>SUBCATEGORY 0.00 PIPELAYERS</b>                    |        |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>CATERPILLAR, INC.</b>                              |        |  |                                |         |                |                               |         |                        |       |       |       |
|            | P35CA001  | 561H   | 15 FT BOOM, 40,000 LB CAPACITY           | 105 HP                         | D-off   | \$172,658      | 29.58                         | 7.41    | 8.63                   | 3.09  | 1.59  | 341   |
|            | P35CA003  | 572G   | 18 FT BOOM, 90,000 LB CAPACITY           | 200 HP                         | D-off   | \$320,356      | 54.98                         | 13.74   | 16.02                  | 5.73  | 3.02  | 603   |
|            | P35CA005  | 578    | 20 FT BOOM, 155,000 LB CAPACITY          | 300 HP                         | D-off   | \$451,320      | 77.89                         | 19.36   | 22.57                  | 8.07  | 4.54  | 1,019 |
|            | P35CA006  | 589    | 28 FT BOOM, 230,000 LB CAPACITY          | 420 HP                         | D-off   | \$624,677      | 107.91                        | 26.80   | 31.23                  | 11.18 | 6.35  | 1,451 |
| <b>P40</b> | <b>PLATFORMS &amp; MAN-LIFTS</b>                      |        |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>SUBCATEGORY 0.00 PLATFORMS &amp; MAN-LIFTS</b>     |        |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>GROVE WORLDWIDE (Includes GROVE &amp; MANLIFT)</b> |        |  |                                |         |                |                               |         |                        |       |       |       |
|            | P40GV001  | SM3184 | SCISSOR, MAN-LIFT, 31' HT, 2000# CAP     | 20 HP                          | G       | \$33,186       | 10.18                         | 2.23    | 3.27                   | 0.60  | 1.40  | 78    |
|            | P40GV002  | SM3884 | SCISSOR, MAN-LIFT, 38' HT, 1750# CAP     | 20 HP                          | G       | \$37,852       | 11.34                         | 2.51    | 3.65                   | 0.69  | 1.40  | 94    |
|            | P40GV003  | SM4688 | SCISSOR, MAN-LIFT, 46' HT, 1500# CAP     | 20 HP                          | G       | \$45,123       | 13.13                         | 3.01    | 4.38                   | 0.82  | 1.40  | 106   |
|            | P40GV004  | MZ48B  | BOOM MTD MAN-LIFT, 48' HT, 600# CAP, S/P | 30 HP                          | G       | \$75,578       | 22.26                         | 5.11    | 7.46                   | 1.38  | 2.10  | 115   |
|            | P40GV005  | MZ66A  | BOOM MTD MAN-LIFT, 66' HT, 850# CAP, S/P | 62 HP                          | G       | \$118,626      | 36.23                         | 7.88    | 11.45                  | 2.16  | 4.34  | 297   |
|            | P40GV006  | MZ76   | BOOM MTD MAN-LIFT, 76' HT, 750# CAP, S/P | 62 HP                          | G       | \$141,392      | 41.72                         | 9.36    | 13.56                  | 2.58  | 4.34  | 360   |
|            | P40GV007  | MZ90   | BOOM MTD MAN-LIFT, 90' HT, 750# CAP, S/P | 62 HP                          | G       | \$168,240      | 48.36                         | 11.19   | 16.25                  | 3.06  | 4.34  | 417   |
|            | P40GV008  | MZ116D | BOOM MTD MAN-LIFT, 116' HT, 700# CAP     | 62 HP                          | G       | \$234,399      | 64.81                         | 15.70   | 22.86                  | 4.27  | 4.34  | 430   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|---|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.  | MODEL    | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |   |          |   |                                |         |                |                               |         |                        |      |       |     |
| <b>P40</b> | <b>GROVE WORLDWIDE (Includes GROVE &amp; MANLIFT) (continued)</b> |          |   |                                |         |                |                               |         |                        |      |       |     |
|            | P40GV009  | AMZ40BXT | ARTIC BOOM MAN-LIFT, 40'HT,500# CAP, 4WD  | 20 HP                          | G       | \$52,882       | 15.67                         | 3.58    | 5.23                   | 0.96 | 1.40  | 110 |
|            | P40GV010  | AMZ50XT  | ARTIC BOOM MAN-LIFT, 50'H, 600# CAP, 4WD  | 33 HP                          | G       | \$67,850       | 20.66                         | 4.60    | 6.72                   | 1.24 | 2.31  | 157 |
|            | P40GV011  | AMZ66XT  | ARTIC BOOM MAN-LIFT, 66'H, 600# CAP, 4WD  | 53 HP                          | G       | \$118,915      | 35.33                         | 7.96    | 11.59                  | 2.17 | 3.71  | 233 |
|            | <b>REACH ALL</b>  |          |   |                                |         |                |                               |         |                        |      |       |     |
|            | P40RE001  | AP41MH   | LINE TRUCK W/AERIAL PLATFORM, 32' REACH, WORKING HEIGHT 46', 2100# CAPACITY     | 165 HP                         | G       | \$87,118       | 38.35                         | 5.88    | 8.58                   | 1.59 | 11.55 | 160 |
| <b>P45</b> | <b>PUMPS, GROUT</b>   |          |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>SUBCATEGORY 0.00 PUMPS, GROUT</b>                              |          |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>AIRPLACO</b>   |          |   |                                |         |                |                               |         |                        |      |       |     |
|            | P45AF001  | HJ-30    | PRESSURE GROUT/MUD JACKING, HYDRAULIC PUMP, 250 CF/HR, 600 PSI                  | 37 HP                          | G       | \$34,622       | 16.76                         | 2.44    | 3.66                   | 0.61 | 4.92  | 40  |
|            | P45AF002  | HG-5     | GROUT PUMP, MANUAL OPERATED 12CFH (90 GAL), 0-100 PSI, 1.5 GPM                  |                                |         | \$756          | 0.21                          | 0.05    | 0.08                   | 0.01 | 0.00  | 1   |
|            | P45AF003  | HG-8     | GROUT PUMP WHOPPER MANUAL OPERATED 15CFH (112 GAL),0-100 PSI, 2 GPM             |                                |         | \$1,174        | 0.33                          | 0.08    | 0.12                   | 0.02 | 0.00  | 1   |
|            | P45AF004  | HGA-50   | GROUT PUMP WHOPPER, AIR POWERED, 50CFH (374 GAL),0-250 PSI, W/GROUT PLANT 6 GPM |                                | A       | \$3,541        | 1.01                          | 0.25    | 0.38                   | 0.06 | 0.00  | 5   |
|            | P45AF005  | HJ-155G  | GROUT PUMP W/GROUT MIXER 110 CFH (SINGLE CYCLE), 400 PSI                        | 11 HP                          | G       | \$10,950       | 5.16                          | 0.77    | 1.16                   | 0.19 | 1.46  | 5   |
|            | P45AF006  | HJ-150G  | JACK GROUT PUMP W/GROUT MIXER 180 CFH (DUAL CYCLE), 400 PSI                     | 11 HP                          | G       | \$11,941       | 5.45                          | 0.84    | 1.27                   | 0.21 | 1.46  | 5   |
|            | P45AF007  | P-280 HD | UNI-CRETOR CONCRETE/SHOTCRETE PUMP HD, 28 CYH                                   | 30 HP                          | D-off   | \$22,956       | 8.18                          | 1.62    | 2.42                   | 0.41 | 1.23  | 25  |
|            | <b>CHEMGROUT INC.</b>   |          |   |                                |         |                |                               |         |                        |      |       |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |               |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|---------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL         | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |               |  |                                |         |                |                               |         |                        |      |      |     |
| <b>P45</b> | <b>CHEMGROUT INC. (continued)</b>                          |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | P45CG001   | CG-050        | GROUT PUMP, PORTABLE, 5 GPM, 100 PSI (ADD AIR COMPRESSOR)            | 15 CFM                         | A       | \$2,813        | 0.85                          | 0.20    | 0.30                   | 0.05 | 0.00 | 1   |
|            | P45CG002   | CG-550P       | GROUT PLANT/MIXER, 5 GPM, 100 PSI (ADD AIR COMPRESSOR)               | 85 CFM                         | A       | \$5,067        | 1.54                          | 0.36    | 0.54                   | 0.09 | 0.00 | 3   |
|            | P45CG003   | CG-500        | GROUT PLANT, 1-20 GPM, 100 PSI (ADD AIR COMPRESSOR)                  | 230 CFM                        | A       | \$13,820       | 4.07                          | 0.97    | 1.47                   | 0.24 | 0.00 | 11  |
|            | P45CG007   | CG-570H       | THICK MIX PUMP/SPRAYER SYS, 8 GPM, SKID MOUNTED (INCLS AIR COMPR)    | 16 HP                          | G       | \$14,790       | 7.20                          | 1.04    | 1.57                   | 0.26 | 2.13 | 10  |
|            | P45CG006   | CG-575        | THICK MIX PUMP/SPRAYER SYS, 8 GPM, TRAILER MOUNTED (INCLS AIR COMPR) | 16 HP                          | G       | \$15,634       | 7.44                          | 1.10    | 1.64                   | 0.28 | 2.13 | 15  |
| <b>P50</b> | <b>PUMPS, WATER, CENTRIFUGAL, TRASH</b>                    |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.11 SKID MOUNTED, ENGINE DRIVE</b>         |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>HOMELITE COMPANY, SUBSIDIARY OF DEERE &amp; COMPANY</b> |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | P50HO001   | 121TP2        | 2" DIA - 10,400 GPH AT 25' HEAD, TRASH                               | 5 HP                           | G       | \$1,062        | 1.16                          | 0.07    | 0.10                   | 0.02 | 0.63 | 1   |
|            | P50HO003   | 120TP3        | 3" DIA - 19,680 GPH AT 25' HEAD, TRASH                               | 8 HP                           | G       | \$1,446        | 1.80                          | 0.10    | 0.14                   | 0.03 | 1.01 | 2   |
|            | P50HO005   | VTP4          | 4" DIA - 39,720 GPH AT 25' HEAD, TRASH                               | 16 HP                          | G       | \$3,023        | 3.63                          | 0.20    | 0.28                   | 0.06 | 2.02 | 4   |
|            | <b>MARLOW PUMPS</b>  |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | P50ML007   | 1-1/2 HER49EL | 1.5" DIA - 93 GPM AT 53' HEAD  | 3 HP                           | G       | \$1,229        | 0.86                          | 0.08    | 0.12                   | 0.02 | 0.38 | 1   |
|            | P50ML019   | 2MLWH         | 2" DIA - 90 GPM AT 20' HEAD  | 4 HP                           | G       | \$875          | 0.85                          | 0.06    | 0.08                   | 0.02 | 0.44 | 1   |
|            | P50ML020   | 3MLWH         | 3" DIA - 210 GPM AT 20' HEAD   | 5 HP                           | G       | \$1,122        | 1.18                          | 0.07    | 0.11                   | 0.02 | 0.63 | 1   |
|            | P50ML008   | 3CR18EL       | 3" DIA - 372 GPM AT 97' HEAD   | 9 HP                           | G       | \$2,243        | 2.16                          | 0.14    | 0.21                   | 0.04 | 1.13 | 4   |
|            | P50ML009   | 4DR4EL        | 4" DIA - 750 GPM AT 145' HEAD  | 32 HP                          | G       | \$3,380        | 6.55                          | 0.22    | 0.32                   | 0.06 | 4.03 | 5   |
|            | P50ML010   | 4DR5EL        | 4" DIA - 645 GPM AT 106' HEAD  | 32 HP                          | G       | \$3,718        | 6.64                          | 0.25    | 0.35                   | 0.07 | 4.03 | 5   |
|            | <b>WACKER CORPORATION</b>                                  |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | P50WC001   | PT 2A         | 2" DIA - 235 GPM AT 100' HEAD, TRASH                                 | 5 HP                           | G       | \$1,391        | 1.25                          | 0.10    | 0.13                   | 0.03 | 0.63 | 1   |
|            | P50WC005   | PTS 4V        | 4" DIA - 625 GPM AT 87' HEAD, TRASH                                  | 12 HP                          | D-off   | \$3,638        | 1.61                          | 0.24    | 0.34                   | 0.07 | 0.46 | 6   |
|            | P50WC004   | PT 6LT        | 6" DIA - 1,300 GPM AT 100' HEAD, TRASH                               | 35 HP                          | D-off   | \$15,524       | 6.00                          | 1.02    | 1.46                   | 0.29 | 1.35 | 22  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                        |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|----------------------------------|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                           | MODEL    | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|            | <b>SUBCATEGORY 0.31</b>          |          | <b>HOSES, PUMP, SUCTION &amp; DISCHARGE</b>                         |                                |         |                |                               |         |                        |      |      |     |
|            |                                  |          | <b>MARLOW PUMPS</b>   |                                |         |                |                               |         |                        |      |      |     |
|            | P50ML011                         | 51052-00 | 2" DIA X 20' SUCTION HOSE, W/COUPLING                               |                                |         | \$165          | 0.12                          | 0.02    | 0.04                   | 0.00 | 0.00 | 1   |
|            | P50ML012                         | 51322-00 | 2" DIA X 20' DISCHARGE HOSE,<br>W/COUPLING                          |                                |         | \$132          | 0.09                          | 0.01    | 0.03                   | 0.00 | 0.00 | 1   |
|            | P50ML013                         | 51054-00 | 3" DIA X 20' SUCTION HOSE, W/COUPLING                               |                                |         | \$273          | 0.20                          | 0.04    | 0.06                   | 0.01 | 0.00 | 1   |
|            | P50ML014                         | 51324-00 | 3" DIA X 20' DISCHARGE HOSE,<br>W/COUPLING                          |                                |         | \$230          | 0.16                          | 0.03    | 0.05                   | 0.00 | 0.00 | 1   |
|            | P50ML015                         | 51055-00 | 4" DIA X 20' SUCTION HOSE, W/COUPLING                               |                                |         | \$425          | 0.31                          | 0.06    | 0.10                   | 0.01 | 0.00 | 1   |
|            | P50ML016                         | 51325-00 | 4" DIA X 20' DISCHARGE HOSE,<br>W/COUPLING                          |                                |         | \$279          | 0.20                          | 0.04    | 0.06                   | 0.01 | 0.00 | 1   |
|            | P50ML017                         | 51303-00 | 6" DIA X 20' SUCTION HOSE, W/COUPLING                               |                                |         | \$699          | 0.51                          | 0.09    | 0.16                   | 0.01 | 0.00 | 2   |
|            | P50ML018                         | 51326-00 | 6" DIA X 20' DISCHARGE HOSE,<br>W/COUPLING                          |                                |         | \$469          | 0.35                          | 0.07    | 0.11                   | 0.01 | 0.00 | 2   |
|            |                                  |          | <b>WAIN-ROY, INC.</b>   |                                |         |                |                               |         |                        |      |      |     |
|            | P50WN001                         |          | 2" DIA X 20' SUCTION/DISCHARGE HOSE,<br>WITH COUPLING (PER SECTION) |                                |         | \$149          | 0.10                          | 0.01    | 0.03                   | 0.00 | 0.00 | 1   |
|            | P50WN002                         |          | 3" DIA X 20' SUCTION/DISCHARGE HOSE,<br>WITH COUPLING (PER SECTION) |                                |         | \$252          | 0.18                          | 0.03    | 0.06                   | 0.00 | 0.00 | 1   |
|            | P50WN003                         |          | 4" DIA X 20' SUCTION/DISCHARGE HOSE,<br>WITH COUPLING (PER SECTION) |                                |         | \$352          | 0.26                          | 0.05    | 0.08                   | 0.01 | 0.00 | 1   |
|            | P50WN004                         |          | 6" DIA X 20' SUCTION/DISCHARGE HOSE,<br>WITH COUPLING (PER SECTION) |                                |         | \$561          | 0.41                          | 0.07    | 0.13                   | 0.01 | 0.00 | 1   |
| <b>P55</b> | <b>PUMPS, WATER, SUBMERSIBLE</b> |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.01</b>          |          | <b>ENGINE DRIVE</b>   |                                |         |                |                               |         |                        |      |      |     |
|            |                                  |          | <b>GRIFFIN DEWATERING</b>   |                                |         |                |                               |         |                        |      |      |     |
|            | P55GF001                         | 4MH      | 4" DIA JET PUMP, SKID MOUNTED (INCLUDES<br>POWER UNIT) MDL 250      | 22 HP                          | D-off   | \$15,532       | 4.70                          | 0.87    | 1.16                   | 0.29 | 0.85 | 11  |
|            | P55GF002                         | 6M       | 6" DIA JET PUMP, SKID MOUNTED (INCLUDES<br>POWER UNIT) MDL 400      | 22 HP                          | D-off   | \$19,666       | 5.61                          | 1.10    | 1.47                   | 0.36 | 0.85 | 12  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |          |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|--|----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.   | MODEL    | EQUIPMENT DESCRIPTION                      | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            | <b>SUBCATEGORY 0.02 ELECTRIC DRIVE</b>                     |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>GORMAN-RUPP COMPANY</b>                                 |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | P55GR001   | S2A1     | 2" DIA - 138 GPM AT 20' HEAD               | 2 HP                           | E       | \$2,578        | 0.79                          | 0.15    | 0.19                   | 0.05 | 0.22  | 2   |
|            | P55GR002   | S3A1     | 3" DIA - 278 GPM AT 20' HEAD               | 5 HP                           | E       | \$3,330        | 1.45                          | 0.19    | 0.25                   | 0.06 | 0.56  | 3   |
|            | P55GR003   | S4A1     | 4" DIA - 860 GPM AT 40' HEAD               | 25 HP                          | E       | \$12,546       | 6.53                          | 0.70    | 0.94                   | 0.23 | 2.79  | 12  |
|            | P55GR004   | S6A1     | 6" DIA - 1,950 GPM AT 40' HEAD             | 60 HP                          | E       | \$15,376       | 13.18                         | 0.85    | 1.15                   | 0.28 | 6.70  | 14  |
|            | <b>WACKER CORPORATION</b>                                  |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | P55WC007   | STP 400  | 2" DIA - 66 GPM AT 36' HEAD                | 1 HP                           | E       | \$526          | 0.18                          | 0.03    | 0.04                   | 0.01 | 0.06  | 1   |
|            | P55WC008   | STP 750  | 2" DIA - 85 GPM AT 59' HEAD                | 1 HP                           | E       | \$954          | 0.33                          | 0.06    | 0.07                   | 0.02 | 0.11  | 1   |
| <b>P60</b> | <b>PUMPS, WATER, CENTRIFUGAL, DEWATERING</b>               |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>SUBCATEGORY 0.11 SKID MOUNTED, ENGINE DRIVE</b>         |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>HOMELITE COMPANY, SUBSIDIARY OF DEERE &amp; COMPANY</b> |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | P60HO002   | 111S2    | 2" DIA - 9,000 GPH AT 22' HEAD             | 4 HP                           | G       | \$774          | 0.81                          | 0.05    | 0.07                   | 0.01 | 0.44  | 1   |
|            | P60HO003   | 120S3    | 3" DIA - 17,600 GPH AT 20' HEAD            | 8 HP                           | G       | \$1,257        | 1.74                          | 0.08    | 0.12                   | 0.02 | 1.01  | 1   |
|            | <b>MARLOW PUMPS</b>  |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | P60ML002   | 4C7      | 4" DIA - 570 GPM AT 100' HEAD              | 30 HP                          | D-off   | \$11,720       | 4.74                          | 0.77    | 1.10                   | 0.22 | 1.16  | 10  |
|            | P60ML003   | 6E4P     | 6" DIA - 1,825 GPM AT 40' HEAD             | 85 HP                          | G       | \$16,801       | 19.43                         | 1.11    | 1.58                   | 0.32 | 10.71 | 19  |
|            | P60ML005   | 8FB3-1   | 8" DIA - 2,740 GPM AT 20' HEAD             | 85 HP                          | D-off   | \$23,157       | 10.81                         | 1.51    | 2.17                   | 0.43 | 3.28  | 29  |
|            | P60ML006   | 10FA61-1 | 10" DIA - 3,775 GPM AT 20' HEAD            | 82 HP                          | D-off   | \$25,637       | 11.29                         | 1.68    | 2.40                   | 0.48 | 3.17  | 34  |
|            | <b>SUBCATEGORY 0.21 WHEEL MOUNTED, ENGINE DRIVE</b>        |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>GRIFFIN DEWATERING</b>                                  |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | P60GF005   | 600/10"T | 10" DIA - 3410 GPM AT 60' HEAD, POWER UNIT | 83 HP                          | D-off   | \$25,506       | 11.31                         | 1.67    | 2.37                   | 0.48 | 3.21  | 34  |
|            | P60GF003   | 250/4"M  | 4" DIA - 485 GPM AT 60' HEAD, POWER UNIT,  | 32 HP                          | D-off   | \$16,349       | 6.03                          | 1.06    | 1.51                   | 0.31 | 1.24  | 19  |
|            | P60GF008   | 250/6"T  | 6" DIA - 1040 GPM AT 60' HEAD, POWER UNIT, | 32 HP                          | D-off   | \$16,600       | 6.10                          | 1.08    | 1.54                   | 0.31 | 1.24  | 19  |



Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

| CAT        | REGION 10  |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL    | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |          |   |                                |         |                |                               |         |                        |      |      |     |
| <b>P60</b> | <b>GRIFFIN DEWATERING (continued)</b>  |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | P60GF004   | 400/8"T  | 8" DIA - 1770 GPM AT 60' HEAD, POWER UNIT                                   | 61 HP                          | D-off   | \$20,982       | 8.89                          | 1.37    | 1.95                   | 0.39 | 2.36 | 31  |
|            | P60GF006   | 800/12"T | 12" DIA - 4410 GPM AT 60' HEAD, POWER UNIT                                  | 110 HP                         | D-off   | \$29,494       | 13.86                         | 1.92    | 2.73                   | 0.55 | 4.25 | 40  |
| <b>P65</b> | <b>PUMPS, WATER, DIAPHRAGM</b>   |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.11 SKID MOUNTED, ENGINE DRIVE</b>                                   |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>HOMELITE COMPANY, SUBSIDIARY OF DEERE &amp; COMPANY</b>                           |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | P65HO001   | 111DP2-1 | 2" DIA - 2,000 GPH AT 25' HEAD  | 4 HP                           | G       | \$1,183        | 0.92                          | 0.07    | 0.11                   | 0.02 | 0.44 | 1   |
|            | P65HO002   | 111DP3-1 | 3" DIA - 4,800 GPH AT 25' HEAD  | 4 HP                           | G       | \$1,298        | 0.95                          | 0.08    | 0.12                   | 0.02 | 0.44 | 2   |
|            | <b>SUBCATEGORY 0.21 WHEEL MOUNTED, ENGINE DRIVE</b>                                  |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>GORMAN-RUPP COMPANY</b>   |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | P65GR001   | 2D-6     | 2" DIA - 1,260 GPH AT 20' HEAD  | 1 HP                           | G       | \$1,955        | 0.68                          | 0.13    | 0.18                   | 0.04 | 0.15 | 2   |
|            | P65GR002   | 3D-8     | 3" DIA - 3,360 GPH AT 25' HEAD  | 2 HP                           | G       | \$1,949        | 0.74                          | 0.13    | 0.18                   | 0.04 | 0.19 | 2   |
|            | P65GR003   | 4D-88    | 4" DIA - 4,440 GPH AT 25' HEAD  | 3 HP                           | G       | \$6,519        | 2.10                          | 0.42    | 0.61                   | 0.12 | 0.38 | 4   |
| <b>P70</b> | <b>PUMPS, WATER (FOR CORE DRILLS)</b>  |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.01 ENGINE DRIVE</b>   |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>ACKER DIVISION, CHRISTENSEN-BOYLES</b>  |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | P70AD001   | APS 11-5 | 0.75" DIA - 6 GPM, UP TO 100 PSI  | 2 HP                           | G       | \$1,337        | 0.68                          | 0.10    | 0.13                   | 0.03 | 0.25 | 2   |
| <b>R10</b> | <b>RIPPERS &amp; HYDRAULIC BANK SLOPERS(no point wear included)</b>                  |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 RIPPERS &amp; HYDRAULIC BANK SLOPERS(no point wear included)</b> |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CATERPILLAR, INC.</b>   |          |   |                                |         |                |                               |         |                        |      |      |     |
|            | R10CA001   | D-3      | RIPPER, THREE-SHANK, W/TEETH, & 4 VALVE SYSTEM, INCLUDES HYDRAULIC CONTROLS |                                |         | \$4,844        | 1.35                          | 0.33    | 0.48                   | 0.09 | 0.00 | 6   |
|            | R10CA002   | D-3      | RIPPER, TEETH, EACH   |                                |         | \$229          | 0.05                          | 0.01    | 0.02                   | 0.00 | 0.00 | 1   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |         |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|---|---------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL   | EQUIPMENT DESCRIPTION                               | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
| <b>R10</b> | <b>CATERPILLAR, INC. (continued)</b>                      |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | R10CA005  | D-5C111 | RIPPER, MULTI-SHANK, W/SINGLE SHANK & HYD CONTROLS  |                                |         | \$4,844        | 1.35                          | 0.33    | 0.48                   | 0.09 | 0.00 | 6   |
|            | R10CA006  | D-5C111 | RIPPER, TEETH, EACH                                 |                                |         | \$229          | 0.05                          | 0.01    | 0.02                   | 0.00 | 0.00 | 1   |
|            | R10CA003  | D-4C111 | RIPPER, MULTI SHANK, W/SINGLE SHANK, & HYD CONTROLS |                                |         | \$4,844        | 1.35                          | 0.33    | 0.48                   | 0.09 | 0.00 | 6   |
|            | R10CA004  | D-4C111 | RIPPER, TEETH, EACH                                 |                                |         | \$229          | 0.05                          | 0.01    | 0.02                   | 0.00 | 0.00 | 1   |
|            | R10CA007  | D-6R    | RIPPER, MULTI-SHANK, W/HYD-CONTROL                  |                                |         | \$17,808       | 4.74                          | 1.21    | 1.78                   | 0.32 | 0.00 | 35  |
|            | R10CA008  | D-6R    | RIPPER, SHANKS W/ TOOTH, EACH                       |                                |         | \$892          | 0.24                          | 0.07    | 0.09                   | 0.02 | 0.00 | 2   |
|            | R10CA009  | D-7R    | RIPPER, MULTI-SHANK, W/HYD-CONTROL                  |                                |         | \$31,510       | 8.33                          | 2.15    | 3.15                   | 0.57 | 0.00 | 65  |
|            | R10CA010  | D-7R    | RIPPER, SHANKS W/ TOOTH, EACH                       |                                |         | \$1,538        | 0.40                          | 0.11    | 0.15                   | 0.03 | 0.00 | 3   |
|            | R10CA011  | D-8R    | RIPPER, SINGLE-SHANK, W/HYD-CNTL&SHNK               |                                |         | \$36,638       | 9.70                          | 2.50    | 3.66                   | 0.67 | 0.00 | 86  |
|            | R10CA012  | D-8R    | RIPPER, MULTI-SHANK, W/HYD-CONTROL                  |                                |         | \$38,004       | 10.05                         | 2.59    | 3.80                   | 0.69 | 0.00 | 104 |
|            | R10CA013  | D-8R    | RIPPER, SHANK W/ TOOTH, EACH                        |                                |         | \$3,180        | 0.84                          | 0.22    | 0.32                   | 0.06 | 0.00 | 7   |
|            | R10CA014  | D-9R    | RIPPER, SINGLE-SHANK, W/HYD-CNTL&SHNK               |                                |         | \$48,783       | 12.94                         | 3.33    | 4.88                   | 0.89 | 0.00 | 98  |
|            | R10CA015  | D-9R    | RIPPER, MULTI-SHANK, W/HYD-CONTROL                  |                                |         | \$50,721       | 13.44                         | 3.46    | 5.07                   | 0.92 | 0.00 | 109 |
|            | R10CA016  | D-9R    | RIPPER, SHANK W/ TOOTH, EACH                        |                                |         | \$3,180        | 0.84                          | 0.22    | 0.32                   | 0.06 | 0.00 | 7   |
|            | R10CA017  | D-10R   | RIPPER, SINGLE-SHANK                                |                                |         | \$76,176       | 20.17                         | 5.20    | 7.62                   | 1.39 | 0.00 | 155 |
|            | R10CA018  | D-10R   | RIPPER, MULTI-SHANK                                 |                                |         | \$80,465       | 21.31                         | 5.50    | 8.05                   | 1.47 | 0.00 | 156 |
|            | R10CA019  | D-10R   | RIPPER, SHANK W/ TOOTH, EACH                        |                                |         | \$5,259        | 1.39                          | 0.36    | 0.53                   | 0.10 | 0.00 | 12  |
|            | R10CA020  | D-11R   | RIPPER, SINGLE-SHANK                                |                                |         | \$98,080       | 25.93                         | 6.70    | 9.81                   | 1.79 | 0.00 | 204 |
|            | R10CA021  | D-11R   | RIPPER, MULTI-SHANK                                 |                                |         | \$101,045      | 26.72                         | 6.89    | 10.10                  | 1.84 | 0.00 | 219 |
|            | R10CA022  | D-11R   | RIPPER, SHANK W/ TOOTH, EACH                        |                                |         | \$5,812        | 1.53                          | 0.40    | 0.58                   | 0.11 | 0.00 | 15  |
| <b>R15</b> | <b>ROLLERS, STATIC, TOWED, PNEUMATIC</b>                  |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 ROLLERS, STATIC, TOWED, PNEUMATIC</b> |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SOUTHWEST ENGINEERING</b>                              |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | R15SO001  | C-50    | 60 TON, 9.8" WIDE, 4 TIRES, STATIC                  |                                |         | \$111,777      | 21.71                         | 5.83    | 7.68                   | 1.99 | 0.00 | 309 |
|            | R15SO002  | C-75    | 75 TON, 10.5" WIDE, 4 TIRES, STATIC                 |                                |         | \$123,322      | 24.22                         | 6.10    | 7.80                   | 2.20 | 0.00 | 347 |
|            | R15SO003  | C-100XL | 100 TON, 10.5" WIDE, 4 TIRES, STATIC                |                                |         | \$174,464      | 33.96                         | 9.05    | 11.89                  | 3.11 | 0.00 | 551 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT   | REGION 10  |             |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|---|--|-------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|   | ID.NO.   | MODEL       | EQUIPMENT DESCRIPTION                                 | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>R20 ROLLERS, STATIC, TOWED, STEEL DRUM</b> |  |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | <b>SUBCATEGORY 0.00 ROLLERS, STATIC, TOWED, STEEL DRUM</b> |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | <b>SOUTHWEST ENGINEERING</b>                               |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | R20SO001   | 2DH-RR      | 60" X 60" TANDEM, TOWED, SHEEPSFOOT                   |                                |         | \$62,384       | 12.41                         | 3.61    | 4.99                   | 1.11 | 0.00 | 200 |
| <b>R30 ROLLERS, STATIC, SELF-PROPELLED</b>    |  |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | <b>SUBCATEGORY 0.01 PNEUMATIC</b>                          |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | <b>BOMAG DIVISION, COMPACTION AMERICA</b>                  |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | R30BO003   | BW20R       | 30 TON, 78.2" WIDE, 8 TIRES, HYDROSTATIC              | 101 HP                         | D-off   | \$108,708      | 28.70                         | 7.21    | 10.45                  | 1.98 | 2.80 | 254 |
|   | <b>CATERPILLAR, INC.</b>                                   |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | R30CA010   | PS150B      | 14.25 TON, 68" WIDE, 9 TIRE, ASPH COMPACTOR PNEUMATIC | 80 HP                          | D-off   | \$61,352       | 17.04                         | 4.11    | 5.98                   | 1.12 | 2.22 | 85  |
|   | R30CA011   | PS200B      | 20 TON, 68" WIDE, 9 TIRE, ASPH COMPACTOR PNEUMATIC    | 107 HP                         | D-off   | \$71,364       | 20.31                         | 4.79    | 6.98                   | 1.30 | 2.97 | 87  |
|   | <b>HYSTER AMERICA (Lift Trucks)</b>                        |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | R30HY001   | C530A       | 10-12.5 TON, 68" WIDE, 9 TIRES, P/S                   | 76 HP                          | D-off   | \$63,543       | 17.35                         | 4.26    | 6.21                   | 1.16 | 2.11 | 93  |
|   | <b>ROSCO MANUFACTURING COMPANY</b>                         |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | R30RS003   | TRU-PAC 915 | 6-15 TON, 9 TIRES, 68" WIDE, HYDROSTATIC              | 75 HP                          | D-off   | \$63,747       | 17.36                         | 4.28    | 6.23                   | 1.16 | 2.08 | 110 |
|   | <b>SAKAI AMERICA, INC.</b>                                 |             |   |                                |         |                |                               |         |                        |      |      |     |
|   | R30SI001   | TS160       | 3 TON, 9 TIRES, 51" WIDE, HYDROSTATIC                 | 18 HP                          | D-off   | \$45,640       | 11.11                         | 3.06    | 4.47                   | 0.83 | 0.50 | 66  |
|   | R30SI002   | TS200       | 16 TON, 9 TIRES, 81" WIDE, MANUAL                     | 91 HP                          | D-off   | \$86,423       | 23.16                         | 5.79    | 8.45                   | 1.57 | 2.52 | 187 |
|   | R30SI003   | TS600       | 16 TON, 9 TIRES, 81" WIDE, HYDROSTATIC                | 93 HP                          | D-off   | \$106,807      | 27.89                         | 7.19    | 10.48                  | 1.95 | 2.58 | 187 |
|   | R30SI004   | TS650C      | 27 TON, 7 TIRES, 82" WIDE, POWERSHIFT                 | 111 HP                         | D-off   | \$140,828      | 36.40                         | 9.44    | 13.73                  | 2.57 | 3.08 | 281 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10                            |                 |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|-----|--------------------------------------|-----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|     | ID.NO.                               | MODEL           | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|     | <b>SUBCATEGORY 0.02 SMOOTH DRUM</b>  |                 |   |                                |         |                |                               |         |                        |      |       |     |
|     | <b>HYSTER AMERICA (Lift Trucks)</b>  |                 |   |                                |         |                |                               |         |                        |      |       |     |
|     | R30HY002                             | C330B           | 3-5 TON, 40" WIDE   | 50 HP                          | D-off   | \$45,662       | 10.90                         | 2.63    | 3.65                   | 0.81 | 1.39  | 89  |
|     | R30HY003                             | C330B           | 4-6 TON, 40" WIDE   | 50 HP                          | D-off   | \$56,209       | 13.00                         | 3.25    | 4.50                   | 1.00 | 1.39  | 103 |
|     | R30HY004                             | C340C           | 5-8 TON, 50" WIDE   | 75 HP                          | D-off   | \$68,377       | 16.32                         | 3.96    | 5.47                   | 1.22 | 2.08  | 140 |
|     | R30HY005                             | C340C           | 8-10 TON, 50" WIDE  | 75 HP                          | D-off   | \$70,951       | 16.83                         | 4.10    | 5.68                   | 1.26 | 2.08  | 164 |
|     | R30HY006                             | C350D           | 8-12 TON, 54" WIDE  | 70 HP                          | D-off   | \$78,808       | 18.21                         | 4.55    | 6.30                   | 1.40 | 1.94  | 173 |
|     | R30HY007                             | C350D           | 10-14 TON, 54" WIDE, TANDEM   | 70 HP                          | D-off   | \$83,724       | 19.19                         | 4.84    | 6.70                   | 1.49 | 1.94  | 215 |
|     | <b>ROSCO MANUFACTURING COMPANY</b>   |                 |   |                                |         |                |                               |         |                        |      |       |     |
|     | R30RS001                             | DLX ROLLPAC III | 1.5 TON, 34" WIDE, DOUBLE DRUM  | 13 HP                          | G       | \$9,470        | 3.43                          | 0.55    | 0.76                   | 0.17 | 1.18  | 14  |
|     | R30RS002                             | STAPAC III      | 2 TON, 40" WIDE, DOUBLE DRUM  | 20 HP                          | G       | \$12,104       | 4.79                          | 0.70    | 0.97                   | 0.22 | 1.82  | 23  |
|     | <b>SAKAI AMERICA, INC.</b>           |                 |   |                                |         |                |                               |         |                        |      |       |     |
|     | R30SI005                             | R2H             | 12.6 TON, 3 WHEEL, 64" WIDE,<br>HYDROSTATIC                           | 65 HP                          | D-off   | \$105,605      | 23.36                         | 6.10    | 8.45                   | 1.88 | 1.80  | 207 |
|     | <b>SUBCATEGORY 0.03 TAMPING FOOT</b> |                 |   |                                |         |                |                               |         |                        |      |       |     |
|     | <b>CATERPILLAR, INC.</b>             |                 |   |                                |         |                |                               |         |                        |      |       |     |
|     | R30CA003                             | 815F            | 22 TON, 56" DIA, TAMPING FOOT (W/O BLADE)<br>SOIL COMPACTOR           | 220 HP                         | D-off   | \$260,379      | 59.77                         | 15.06   | 20.83                  | 4.64 | 6.10  | 423 |
|     | R30CA012                             | 816F            | 25 TON, 63" DIA, (W/BLADE) LANDFILL<br>COMPACTOR                      | 220 HP                         | D-off   | \$246,476      | 57.01                         | 14.25   | 19.72                  | 4.39 | 6.10  | 472 |
|     | R30CA005                             | 825G            | 35 TON, 51" DIA, TAMPING FOOT (W/O BLADE)<br>SOIL COMPACTOR, PAD FOOT | 315 HP                         | D-off   | \$388,530      | 88.70                         | 22.46   | 31.08                  | 6.92 | 8.73  | 574 |
|     | R30CA006                             | 825G            | 35 TON, 51" DIA, TAMPING FOOT (WITH<br>STRAIGHT BLADE) SOIL COMPACTOR | 315 HP                         | D-off   | \$408,262      | 92.63                         | 23.60   | 32.66                  | 7.27 | 8.73  | 700 |
|     | R30CA013                             | 826G            | 36.5 TON, 72" DIA, (W/BLADE) LANDFILL<br>COMPACTOR                    | 315 HP                         | D-off   | \$420,453      | 95.06                         | 24.31   | 33.64                  | 7.49 | 8.73  | 837 |
|     | R30CA009                             | 836             | 50 TON, 80" DIA (W/BLADE) LANDFILL<br>COMPACTOR                       | 473 HP                         | D-off   | \$559,397      | 128.42                        | 32.34   | 44.75                  | 9.96 | 13.11 | 975 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10   |              |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|--|---|--------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|  | ID.NO.  | MODEL        | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>R40 ROLLERS, VIBRATORY, TOWED</b>                       |   |              |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SUBCATEGORY 0.00 ROLLERS, VIBRATORY, TOWED</b>                       |              |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SOUTHWEST ENGINEERING</b>  |              |   |                                |         |                |                               |         |                        |      |      |     |
|  | R40SO001  | 566 SHEEPSFT | 25.5 TON, 72" WIDE X 56" DIA  | 50 HP                          | D-off   | \$78,283       | 21.87                         | 5.34    | 7.83                   | 1.43 | 1.93 | 165 |
|  | R40SO002  | 756 SHEEPSFT | 23.5 TON, 78" WIDE X 66" DIA  | 75 HP                          | D-off   | \$114,000      | 31.98                         | 7.78    | 11.40                  | 2.08 | 2.90 | 169 |
| <b>R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM</b> |   |              |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>SUBCATEGORY 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM</b> |              |   |                                |         |                |                               |         |                        |      |      |     |
|  | <b>BOMAG DIVISION, COMPACTION AMERICA</b>                               |              |   |                                |         |                |                               |         |                        |      |      |     |
|  | R45BO001  | BW120AD-3    | 47.2" WIDE X 26.6" DIA, HYDROSTATIC                                     | 33 HP                          | D-off   | \$41,782       | 14.01                         | 2.85    | 4.18                   | 0.76 | 1.28 | 51  |
|  | R45BO006  | BW141AD-2    | 55.9" WIDE X 41.3" DIA, HYDROSTATIC                                     | 74 HP                          | D-off   | \$100,024      | 33.23                         | 6.82    | 10.00                  | 1.82 | 2.86 | 136 |
|  | R45BO007  | BW151AD-2    | 66.1" WIDE X 41.4" DIA, HYDROSTATIC                                     | 74 HP                          | D-off   | \$102,560      | 33.98                         | 7.00    | 10.26                  | 1.87 | 2.86 | 146 |
|  | R45BO004  | BW161AD-2    | 66.0" WIDE X 47" DIA, HYDROSTATIC                                       | 111 HP                         | D-off   | \$124,785      | 42.48                         | 8.51    | 12.48                  | 2.27 | 4.29 | 188 |
|  | R45BO005  | BW202ADH-2   | 80.0" WIDE X 48" DIA, HYDROSTATIC                                       | 111 HP                         | D-off   | \$132,189      | 44.65                         | 9.02    | 13.22                  | 2.41 | 4.29 | 209 |
|  | <b>CATERPILLAR, INC.</b>  |              |   |                                |         |                |                               |         |                        |      |      |     |
|  | R45CA001  | CB-214C      | 2.5 TON, 39.4" WIDE X 27.5" DIA, SMOOTH DRUMS, VIBRATORY ASPH COMPACTOR | 33 HP                          | D-off   | \$34,906       | 12.00                         | 2.39    | 3.49                   | 0.64 | 1.28 | 49  |
|  | R45CA002  | CB-224C      | 2.7 TON, 47.2" WIDE X 27.5" DIA, SMOOTH DRUMS, VIBRATORY ASPH COMPACTOR | 33 HP                          | D-off   | \$40,626       | 13.67                         | 2.77    | 4.06                   | 0.74 | 1.28 | 54  |
|  | R45CA005  | CB-434C      | 6.6 TON, 56" WIDE X 43.5" DIA, SMOOTH DRUMS, VIBRATORY ASPH COMPACTOR   | 73 HP                          | D-off   | \$99,437       | 33.01                         | 6.78    | 9.94                   | 1.81 | 2.82 | 143 |
|  | R45CA007  | CB-534C      | 10.0 TON, 67" WIDE X 51" DIA, SMOOTH DRUMS, VIBRATORY ASPH COMPACTOR    | 100 HP                         | D-off   | \$125,105      | 41.97                         | 8.54    | 12.51                  | 2.28 | 3.86 | 216 |
|  | R45CA010  | CB-634C      | 13.0 TON, 84" WIDE X 51" DIA, SMOOTH DRUMS, VIBRATORY ASPHALT COMPACTOR | 132 HP                         | D-off   | \$151,165      | 51.32                         | 10.31   | 15.12                  | 2.75 | 5.10 | 262 |
|  | R45CA009  | CP-563C      | 12.5 TON, 84" WIDE X 61" DIA, PADFOOT, VIBRATORY SOIL COMPACTOR         | 145 HP                         | D-off   | \$137,694      | 48.14                         | 9.29    | 13.55                  | 2.51 | 5.60 | 257 |
|  | <b>DYNAPAC DIVISION, SVELDA INDUSTRIES</b>                              |              |   |                                |         |                |                               |         |                        |      |      |     |
|  | R45DY002  | CC211        | 7.0 TON, 57" WIDE X 41" DIA, TANDEM                                     | 31 HP                          | D-off   | \$100,457      | 31.02                         | 6.86    | 10.05                  | 1.83 | 1.20 | 157 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |                |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL          | EQUIPMENT DESCRIPTION                             | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>R45</b> | <b>DYNAPAC DIVISION, SVELDA INDUSTRIES<br/>(continued)</b>              |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | R45DY003  | CC421          | 12.0 TON, 66" WIDE X 48" DIA, TANDEM              | 123 HP                         | D-off   | \$124,894      | 43.17                         | 8.53    | 12.49                  | 2.28 | 4.75 | 224 |
|            | R45DY004  | CC501          | 18.5 TON, 84" WIDE X 60" DIA, TANDEM              | 210 HP                         | D-off   | \$185,104      | 65.48                         | 12.63   | 18.51                  | 3.37 | 8.11 | 374 |
|            | <b>HYSTER AMERICA (Lift Trucks)</b>                                     |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | R45HY002  | C766B          | 10.6 TON, 78" WIDE X 48" DIA, TANDEM              | 125 HP                         | D-off   | \$130,223      | 44.83                         | 8.88    | 13.02                  | 2.37 | 4.83 | 210 |
|            | <b>INGERSOLL-RAND CONSTRUCTION &amp; MINING</b>                         |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | R45IN004  | DD-65          | 7.7 TON, 55" WIDE X 41" DIA, HYSTAT               | 76 HP                          | D-off   | \$103,667      | 34.42                         | 7.07    | 10.37                  | 1.89 | 2.94 | 154 |
|            | R45IN005  | DD-90          | 10.7 TON, 66" WIDE X 48" DIA, HYSTAT              | 112 HP                         | D-off   | \$118,787      | 40.79                         | 8.10    | 11.88                  | 2.16 | 4.33 | 188 |
|            | <b>ROSCO MANUFACTURING COMPANY</b>                                      |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | R45RS001  | VIBRASTATT III | 2.0 TON, 36" WIDE, DOUBLE DRUM                    | 20 HP                          | G       | \$13,863       | 7.60                          | 0.94    | 1.39                   | 0.25 | 2.52 | 27  |
|            | <b>SAKAI AMERICA, INC.</b>  |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | R45SI001  | SG150          | 0.99 TON, 31" WIDE X 24" DIA, HYDSTAT             | 7 HP                           | D-off   | \$26,787       | 8.20                          | 1.83    | 2.68                   | 0.49 | 0.27 | 20  |
|            | R45SI002  | SG350          | 2.7 TON, 47" WIDE X 33.5" DIA, HYSTAT             | 24 HP                          | D-off   | \$42,306       | 13.66                         | 2.89    | 4.23                   | 0.77 | 0.93 | 61  |
|            | R45SI003  | SG500          | 4.0 TON, 53" WIDE X 37" DIA, HYDSTAT              | 27 HP                          | D-off   | \$54,410       | 17.35                         | 3.71    | 5.44                   | 0.99 | 1.04 | 88  |
|            | R45SI004  | SW70C          | 7.2 TON, 57" WIDE X 41" DIA, HYSTAT               | 73 HP                          | D-off   | \$87,369       | 29.49                         | 5.96    | 8.74                   | 1.59 | 2.82 | 159 |
|            | R45SI005  | SW750H         | 10.0 TON, 66" WIDE X 48" DIA, HYDSTAT             | 104 HP                         | D-off   | \$116,937      | 39.81                         | 7.97    | 11.69                  | 2.13 | 4.02 | 221 |
|            | R45SI006  | SW100          | 11.2 TON, 77" WIDE X 51" DIA, HYDSTAT             | 112 HP                         | D-off   | \$149,332      | 49.71                         | 10.19   | 14.93                  | 2.72 | 4.33 | 247 |
| <b>R50</b> | <b>ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM</b>                  |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM</b> |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CATERPILLAR, INC.</b>  |                |   |                                |         |                |                               |         |                        |      |      |     |
|            | R50CA001  | CS-323C        | 4.6 TON, 50" WIDE X 40" DIA                       | 80 HP                          | D-off   | \$67,496       | 23.02                         | 4.58    | 6.70                   | 1.23 | 3.09 | 94  |
|            | R50CA002  | CP-323C (PADS) | 4.6 TON, 50" WIDE X 40" DIA, PADFOOT<br>COMPACTOR | 80 HP                          | D-off   | \$76,760       | 25.57                         | 5.21    | 7.62                   | 1.40 | 3.09 | 94  |
|            | R50CA003  | CS-431c        | 6.9 TON, 66" WIDE X 48" DIA, SMOOTH, VIB          | 107 HP                         | D-off   | \$82,851       | 28.73                         | 5.60    | 8.18                   | 1.51 | 4.13 | 138 |
|            | R50CA004  | CP-433C (PADS) | 7.1 TON, 66" WIDE, 48" DIA, PADFOOT,VIB           | 107 HP                         | D-off   | \$95,017       | 32.09                         | 6.43    | 9.40                   | 1.73 | 4.13 | 148 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                       |                 |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|-----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL           | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |   |                 |   |                                |         |                |                               |         |                        |      |      |     |
| <b>R50</b> | <b>CATERPILLAR, INC. (continued)</b>            |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | R50CA005  | CS-433C         | 7.1 TON, 66" WIDE, 48" DIA, SINGLE SMOOTH DRUM, VIB, SOIL COMPACTOR   | 107 HP                         | D-off   | \$94,927       | 32.07                         | 6.43    | 9.39                   | 1.73 | 4.13 | 144 |
|            | R50CA009  | CS-563C         | 12.2 TON, 84" WIDE X 60" DIA, SINGLE SMOOTH DRUM, VIB, SOIL COMPACTOR | 145 HP                         | D-off   | \$124,999      | 42.48                         | 8.42    | 12.28                  | 2.28 | 5.60 | 243 |
|            | R50CA011  | CS 583C         | 16.5 TON, 84" WIDE X 60" DIA, SINGLE SMOOTH DRUM, VIB, SOIL COMPACTOR | 145 HP                         | D-off   | \$153,883      | 50.45                         | 10.39   | 15.17                  | 2.80 | 5.60 | 333 |
|            | <b>DYNAPAC DIVISION, SVELDA INDUSTRIES</b>      |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | R50DY001  | CA-151D         | 11 TON, 66" WIDE X 48" DIA  | 98 HP                          | D-off   | \$83,870       | 28.54                         | 5.67    | 8.28                   | 1.53 | 3.79 | 142 |
|            | R50DY002  | CA-151PD (PADS) | 13 TON, 66" WIDE X 48" DIA, TAMPING FOOT                              | 98 HP                          | D-off   | \$90,315       | 30.31                         | 6.13    | 8.95                   | 1.65 | 3.79 | 153 |
|            | R50DY003  | CA-251D         | 22 TON, 84" WIDE X 48" DIA  | 151 HP                         | D-off   | \$101,307      | 36.26                         | 6.80    | 9.91                   | 1.85 | 5.83 | 212 |
|            | R50DY004  | CA-251PD (PADS) | 22 TON, 84" WIDE X 60" DIA, TAMPING FT                                | 151 HP                         | D-off   | \$115,187      | 40.09                         | 7.75    | 11.30                  | 2.10 | 5.83 | 247 |
|            | R50DY005  | CA-301D         | 22 TON, 84" WIDE X 61" DIA,   | 151 HP                         | D-off   | \$110,637      | 38.84                         | 7.44    | 10.84                  | 2.02 | 5.83 | 266 |
|            | R50DY006  | CA511PD (PADS)  | 22 TON, 84" WIDE X 61" DIA, TAMPING FT                                | 154 HP                         | D-off   | \$150,864      | 50.11                         | 10.18   | 14.86                  | 2.75 | 5.95 | 341 |
|            | <b>HYSTER AMERICA (Lift Trucks)</b>             |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | R50HY005  | C820A           | 5.9 TON, 56.1" WIDE X 41.7" DIA                                       | 75 HP                          | D-off   | \$68,145       | 22.92                         | 4.61    | 6.73                   | 1.24 | 2.90 | 118 |
|            | R50HY007  | C830B           | 6.9 TON, 66.5" WIDE X 48" DIA, DRUM DRIVE                             | 107 HP                         | D-off   | \$88,488       | 30.23                         | 5.99    | 8.75                   | 1.61 | 4.13 | 138 |
|            | R50HY008  | C832B (PAD)     | 7.6 TON, 66.5" WIDE X 54" DIA, PADFT, HYD                             | 107 HP                         | D-off   | \$99,223       | 33.21                         | 6.72    | 9.83                   | 1.81 | 4.13 | 150 |
|            | R50HY009  | C850B           | 10.4 TON, 84" WIDE X 59" DIA, HYDSTAT                                 | 149 HP                         | D-off   | \$131,238      | 44.42                         | 8.84    | 12.90                  | 2.39 | 5.76 | 225 |
|            | R50HY012  | C852B (PAD)     | 11.5 TON, 84" WIDE X 67" DIA, PADFT, HYD                              | 149 HP                         | D-off   | \$141,703      | 47.31                         | 9.55    | 13.95                  | 2.58 | 5.76 | 225 |
|            | <b>INGERSOLL-RAND CONSTRUCTION &amp; MINING</b> |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | R50IN001  | SD-40D          | 4.9 TON, 54" WIDE X 38" DIA., HYDSTAT                                 | 76 HP                          | D-off   | \$72,398       | 24.17                         | 4.90    | 7.16                   | 1.32 | 2.94 | 96  |
|            | <b>SAKAI AMERICA, INC.</b>                      |                 |   |                                |         |                |                               |         |                        |      |      |     |
|            | R50SI001  | TG350           | 2.8 TON, 47" WIDE X 33.5" DIA, HYDSTAT                                | 24 HP                          | D-off   | \$44,650       | 13.61                         | 3.02    | 4.42                   | 0.81 | 0.93 | 56  |
|            | R50SI002  | TG500           | 4.3 TON, 53" WIDE X 37" DIA, HYDSTAT                                  | 27 HP                          | D-off   | \$54,526       | 16.50                         | 3.68    | 5.39                   | 0.99 | 1.04 | 86  |
|            | R50SI003  | TW70C           | 6.4 TON, 57" WIDE, 41" DIA., HYDSTAT                                  | 73 HP                          | D-off   | \$87,287       | 28.05                         | 5.92    | 8.66                   | 1.59 | 2.82 | 128 |
|            | R50SI004  | TW750           | 8.8 TON, 66" WIDE X 48" DIA, HYDSTAT                                  | 91 HP                          | D-off   | \$115,712      | 36.89                         | 7.87    | 11.51                  | 2.11 | 3.52 | 175 |
|            | R50SI005  | TW100           | 11.5 TON, 85" WIDE X 51" DIA, HYDSTAT                                 | 86 HP                          | D-off   | \$169,669      | 51.50                         | 11.54   | 16.90                  | 3.09 | 3.32 | 229 |
|            | R50SI006  | SV200D          | 4.5 TON, 49"WIDE X 39" DIA, HYDSTAT, AWD                              | 61 HP                          | D-off   | \$64,953       | 21.28                         | 4.38    | 6.41                   | 1.18 | 2.36 | 89  |
|            | R50SI007  | SV200T (PADS)   | 4.6 TON, 49" WIDE X 39" DIA, PADFT, HYD, AWD                          | 61 HP                          | D-off   | \$70,900       | 22.92                         | 4.79    | 7.00                   | 1.29 | 2.36 | 94  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                 |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                                    | MODEL        | EQUIPMENT DESCRIPTION                            | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>R50</b> | <b>SAKAI AMERICA, INC. (continued)</b>    |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | R50SI008                                  | SV70         | 7.2 TON, 67" WIDE X 49" DIA, HYDSTAT             | 86 HP                          | D-off   | \$79,405       | 26.68                         | 5.29    | 7.69                   | 1.45 | 3.32 | 143 |
|            | R50SI009                                  | SV70D        | 7.2 TON, 67" WIDE X 49" DIA, HYDSTAT, AWD        | 86 HP                          | D-off   | \$88,612       | 29.21                         | 5.92    | 8.61                   | 1.61 | 3.32 | 146 |
|            | R50SI010                                  | SV70A        | 7.9 TON, 67" WIDE X 49" DIA, HYDSTAT, AWD        | 86 HP                          | D-off   | \$88,262       | 29.09                         | 5.98    | 8.73                   | 1.61 | 3.32 | 159 |
|            | R50SI011                                  | SV70T        | 8.0 TON, 67" WIDE X 55" DIA, PADFT, HYD          | 86 HP                          | D-off   | \$94,016       | 30.67                         | 6.37    | 9.31                   | 1.71 | 3.32 | 161 |
|            | R50SI012                                  | SV70TF       | 9.4 TON, 67"WIDE X 55" DIA, PADFT, HYD,<br>AWD   | 86 HP                          | D-off   | \$104,072      | 33.45                         | 7.05    | 10.31                  | 1.90 | 3.32 | 190 |
|            | R50SI013                                  | SV500        | 11.0 TON, 85" WIDE X 60"DIA, HYDSTAT             | 118 HP                         | D-off   | \$94,949       | 32.69                         | 6.37    | 9.28                   | 1.73 | 4.56 | 221 |
|            | R50SI014                                  | SV500D       | 11.2 TON, 85"WIDE X 60" DIA, HYDSTAT, AWD        | 118 HP                         | D-off   | \$103,706      | 35.12                         | 6.97    | 10.16                  | 1.89 | 4.56 | 225 |
|            | R50SI015                                  | SV500A       | 11.2 TON, 85" WIDE X 60" DIA, HYDSTAT,<br>AWD    | 118 HP                         | D-off   | \$98,815       | 33.75                         | 6.69    | 9.79                   | 1.80 | 4.56 | 221 |
|            | R50SI016                                  | SV500T       | 11.6 TON, 85" WIDE X 63" DIA, PADFT, HYD         | 118 HP                         | D-off   | \$110,661      | 37.04                         | 7.45    | 10.86                  | 2.02 | 4.56 | 232 |
|            | R50SI017                                  | SV500TF      | 14.1 TON, 85" WIDE X 63" DIA, PADFT, HYD,<br>AWD | 118 HP                         | D-off   | \$126,531      | 41.41                         | 8.52    | 12.44                  | 2.30 | 4.56 | 282 |
|            | R50SI018                                  | SV160D       | 17.6 TON, 85" WIDE X 67" DIA, HYDSTAT,<br>AWD    | 163 HP                         | D-off   | \$218,115      | 69.16                         | 14.77   | 21.60                  | 3.97 | 6.30 | 353 |
|            | R50SI019                                  | SV160T       | 17.6 TON, 85" WIDE X 69" DIA, PADFT, HYD,<br>AWD | 163 HP                         | D-off   | \$230,096      | 72.47                         | 15.59   | 22.80                  | 4.19 | 6.30 | 353 |
| <b>R55</b> | <b>ROOFING EQUIPMENT</b>                  |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 ROOFING EQUIPMENT</b> |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>AEROIL PRODUCTS</b>                    |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | R55AE001                                  | EZ LOAD 270  | KETTLE, 270 GAL, WITH PUMP & COVER,<br>LPG       | 8 HP                           | G       | \$6,985        | 6.48                          | 0.61    | 0.96                   | 0.13 | 0.67 | 20  |
|            | R55AE002                                  | EZ LOAD 410  | KETTLE, 410 GAL, WITH PUMP & COVER,<br>LPG       | 8 HP                           | G       | \$9,832        | 9.12                          | 0.86    | 1.37                   | 0.18 | 0.67 | 25  |
|            | R55AE003                                  | EZ LOAD 680  | KETTLE, 680 GAL, WITH PUMP & COVER,<br>LPG       | 8 HP                           | G       | \$11,334       | 11.19                         | 0.98    | 1.55                   | 0.21 | 0.67 | 39  |
|            | R55AE004                                  | EZ LOAD 1000 | KETTLE, 1000 GAL, WITH PUMP & COVER,<br>LPG      | 8 HP                           | G       | \$14,068       | 12.44                         | 1.19    | 1.86                   | 0.26 | 0.67 | 54  |
|            | R55AE008                                  | MODEL S      | RHINO ROOF PEELER, 16" WIDE                      | 8 HP                           | G       | \$4,713        | 2.44                          | 0.43    | 0.67                   | 0.09 | 0.67 | 6   |
|            | R55AE009                                  | MKI9         | ROOF CUTTER, SINGLE BLADE, 3.75"DEPTH            | 9 HP                           | G       | \$1,708        | 1.55                          | 0.15    | 0.24                   | 0.03 | 0.76 | 2   |
|            | R55AE010                                  | MK216R       | ROOF CUTTER, DOUBLE BLADE,<br>3.75"DEPTH         | 16 HP                          | G       | \$3,129        | 2.78                          | 0.28    | 0.44                   | 0.06 | 1.34 | 3   |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                              | REGION 10               |            |                                      | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|----------------------------------|-------------------------|------------|--------------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|                                  | ID.NO.                  | MODEL      | EQUIPMENT DESCRIPTION                | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
| <b>GARLOCK EQUIPMENT COMPANY</b> |                         |            |                                      |                                |         |                |                               |         |                        |      |      |     |
|                                  | R55GL001                | MODEL 115  | KETTLE, 115 GAL.                     |                                |         | \$2,972        | 1.47                          | 0.25    | 0.40                   | 0.05 | 0.00 | 10  |
|                                  | R55GL002                | MODEL 175  | KETTLE, 175 GAL., WITH PUMP          | 5 HP                           | G       | \$9,498        | 4.18                          | 0.83    | 1.32                   | 0.17 | 0.42 | 17  |
|                                  | R55GL003                | MODEL 412  | KETTLE, 412 GAL., WITH PUMP          | 9 HP                           | G       | \$12,436       | 5.85                          | 1.10    | 1.74                   | 0.23 | 0.76 | 30  |
|                                  | R55GL004                | MODEL 612  | KETTLE, 612 GAL., WITH PUMP          | 9 HP                           | G       | \$14,002       | 6.58                          | 1.23    | 1.93                   | 0.26 | 0.76 | 40  |
|                                  | R55GL007                | MODEL 1400 | HOIST, HYDRAULIC SWING, W/275' CABLE | 18 HP                          | G       | \$11,030       | 5.61                          | 0.98    | 1.56                   | 0.20 | 1.51 | 10  |
|                                  | R55GL008                | MODEL 86   | POWER SWEEPER, 42" WIDTH             | 5 HP                           | G       | \$2,617        | 1.42                          | 0.23    | 0.37                   | 0.05 | 0.42 | 2   |
|                                  | R55GL009                |            | ROTARY PLANER, 12" PATH              | 8 HP                           | G       | \$2,085        | 1.58                          | 0.19    | 0.30                   | 0.04 | 0.67 | 2   |
|                                  | R55GL011                |            | ROOF CUTTER, 30", DOUBLE SAW, S/P    | 16 HP                          | G       | \$5,658        | 3.62                          | 0.50    | 0.80                   | 0.10 | 1.34 | 3   |
|                                  | R55GL012                | MODEL 300  | KETTLE, 300 GAL, WITH PUMP           | 9 HP                           | G       | \$11,072       | 5.38                          | 0.97    | 1.54                   | 0.20 | 0.76 | 23  |
|                                  | R55GL013                | MODEL 30   | KETTLE, 30 GAL                       |                                |         | \$1,223        | 0.64                          | 0.10    | 0.15                   | 0.02 | 0.00 | 3   |
|                                  | R55GL014                | MODEL 85   | KETTLE, 85 GAL, SKID                 |                                |         | \$2,629        | 1.22                          | 0.23    | 0.37                   | 0.05 | 0.00 | 10  |
|                                  | R55GL015                | MODEL 1000 | HOIST, HYDRAULIC, W/175' CABLE       | 9 HP                           | G       | \$7,837        | 3.58                          | 0.70    | 1.11                   | 0.14 | 0.76 | 7   |
|                                  | R55GL016                |            | DUST MASTER, ROOF CUTTER             | 9 HP                           | G       | \$5,291        | 2.74                          | 0.47    | 0.75                   | 0.10 | 0.76 | 3   |
|                                  | R55GL017                |            | ROOF CUTTER, MINI SAW                | 5 HP                           | G       | \$1,658        | 1.09                          | 0.15    | 0.23                   | 0.03 | 0.42 | 2   |
|                                  | R55GL018                |            | ROOF SCRATCHER                       | 5 HP                           | G       | \$1,728        | 1.11                          | 0.15    | 0.24                   | 0.03 | 0.42 | 1   |
|                                  | R55GL019                |            | ROOF SCRATCHER                       | 8 HP                           | G       | \$3,103        | 1.91                          | 0.28    | 0.44                   | 0.06 | 0.67 | 3   |
| <b>S10 SCRAPERS, ELEVATING</b>   |                         |            |                                      |                                |         |                |                               |         |                        |      |      |     |
|                                  | <b>SUBCATEGORY 0.01</b> |            | <b>0 THRU 200 HP</b>                 |                                |         |                |                               |         |                        |      |      |     |
| <b>CATERPILLAR, INC.</b>         |                         |            |                                      |                                |         |                |                               |         |                        |      |      |     |
|                                  | S10CA001                | 613-C 11   | 11 CY, 13 TON, POWERSHIFT, ELEVATOR  | 175 HP                         | D-off   | \$222,542      | 52.32                         | 12.52   | 17.12                  | 3.96 | 4.85 | 332 |
| <b>KOMATSU DRESSER COMPANY</b>   |                         |            |                                      |                                |         |                |                               |         |                        |      |      |     |
|                                  | S10ID001                | 412B       | 11 CY, 13.1 TON, POWERSHIFT          | 165 HP                         | D-off   | \$260,347      | 59.33                         | 14.74   | 20.20                  | 4.64 | 4.57 | 335 |
| <b>DEERE &amp; COMPANY</b>       |                         |            |                                      |                                |         |                |                               |         |                        |      |      |     |
|                                  | S10JD001                | 762B       | 11 CY, 13.7 TON, POWERSHIFT          | 180 HP                         | D-off   | \$220,688      | 52.12                         | 12.44   | 17.02                  | 3.93 | 4.99 | 374 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |             |                                      | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV)<br>1996 (\$) | TOTAL HOURLY<br>RATES (\$/HR) |             | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |       |       |
|------------|--|-------------|--------------------------------------|--------------------------------|---------|-----------------------------|-------------------------------|-------------|------------------------|-------|-------|-------|-------|-------|
|            | ID.NO.   | MODEL       | EQUIPMENT DESCRIPTION                | MAIN                           | CARRIER |                             | AVERAGE                       | STANDBY     | DEPR                   | FCCM  | FUEL  |       |       |       |
|            | <b>SUBCATEGORY 0.02 OVER 200 HP</b>              |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | <b>CATERPILLAR, INC.</b>                         |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | S10CA002   | 615-C 11    | 17 CY, 19 TON, POWERSHIFT, ELEVATOR  | 265 HP                         | D-off   | \$326,125                   | 74.50                         | 18.82       | 26.41                  | 5.62  | 7.35  | 519   |       |       |
|            | S10CA003   | 623-F       | 23 CY, 25 TON, POWERSHIFT, ELEVATOR  | 365 HP                         | D-off   | \$486,809                   | 108.84                        | 28.33       | 39.88                  | 8.39  | 10.12 | 741   |       |       |
|            | <b>DEERE &amp; COMPANY</b>                       |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | S10JD002   | 862B        | 16 CY, 20.0 TON, POWERSHIFT          | 268 HP                         | D-off   | \$323,219                   | 74.30                         | 18.61       | 26.08                  | 5.57  | 7.43  | 484   |       |       |
| <b>S15</b> | <b>SCRAPERS, CONVENTIONAL</b>                    |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | <b>SUBCATEGORY 0.00 SCRAPERS, CONVENTIONAL</b>   |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | <b>CATERPILLAR, INC.</b>                         |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | S15CA001   | 621F        | 14-20 CY, 24 TON, POWERSHIFT W/CAB   | 365 HP                         | D-off   | \$425,363                   | 68.12                         | 17.20       | 20.31                  | 7.04  | 9.50  | 670   |       |       |
|            | S15CA002   | 631-E 11    | 21-31 CY, 37.5 TON, POWERSHIFT W/CAB | 450 HP                         | D-off   | \$646,762                   | 99.02                         | 26.20       | 31.01                  | 10.70 | 11.72 | 948   |       |       |
|            | S15CA003   | 651-E       | 32-44 CY, 52 TON, POWERSHIFT W/CAB   | 594 HP                         | D-off   | \$846,416                   | 128.96                        | 34.36       | 40.73                  | 14.00 | 15.47 | 1,324 |       |       |
|            | <b>TEREX CORPORATION</b>                         |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | S15TE001   | S24C        | 24-34 CY, 40.8 TON, POWERSHIFT       | 480 HP                         | D-off   | \$563,550                   | 91.04                         | 22.70       | 26.75                  | 9.32  | 12.50 | 1,021 |       |       |
| <b>S20</b> | <b>SCRAPERS, TANDEM POWERED</b>                  |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | <b>SUBCATEGORY 0.00 SCRAPERS, TANDEM POWERED</b> |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | <b>CATERPILLAR, INC.</b>                         |             |                                      |                                |         |                             |                               |             |                        |       |       |       |       |       |
|            | S20CA001   | 627-F       | 14-20 CY, 24 TON, P/S, W/CAB         | 330 HP                         | D-off   | 225 HP                      | D-off                         | \$490,888   | 84.53                  | 19.91 | 23.59 | 8.12  | 14.92 | 783   |
|            | S20CA002   | 627-F PP    | 14-20 CY, 24 TON, PUSH-PULL, P/S     | 330 HP                         | D-off   | 225 HP                      | D-off                         | \$520,970   | 88.02                  | 21.16 | 25.09 | 8.62  | 14.92 | 817   |
|            | S20CA003   | 637-E 11    | 21-31 CY, 37.5 TON, P/S              | 450 HP                         | D-off   | 250 HP                      | D-off                         | \$815,615   | 130.43                 | 33.22 | 39.45 | 13.49 | 18.82 | 1,071 |
|            | S20CA004   | 637-E 11 PP | 21-31 CY, 37.5 TON, PUSH-PULL, P/S   | 450 HP                         | D-off   | 250 HP                      | D-off                         | \$850,992   | 134.54                 | 34.69 | 41.22 | 14.08 | 18.82 | 1,105 |
|            | S20CA005   | 657-E       | 32-44 CY, 52 TON, P/S                | 550 HP                         | D-off   | 400 HP                      | D-off                         | \$1,023,421 | 165.59                 | 41.72 | 49.58 | 16.93 | 25.53 | 1,560 |
|            | S20CA006   | 657-E PP    | 32-44 CY, 52 TON, PUSH-PULL, P/S     | 550 HP                         | D-off   | 400 HP                      | D-off                         | \$1,084,306 | 169.67                 | 44.44 | 53.00 | 17.94 | 25.53 | 1,594 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                       |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|---|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.  | MODEL    | EQUIPMENT DESCRIPTION                                     | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|            | <b>TEREX CORPORATION</b>                        |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | S20TE001  | TS-14C   | 14-20 CY, 23.5 TON  | 154 HP                         | D-off   | \$371,891      | 59.73                         | 15.07   | 17.83                  | 6.15  | 7.80  | 575   |
|            | S20TE002  | TS-24C   | 24-34 CY, 40.8 TON  | 480 HP                         | D-off   | \$726,169      | 123.59                        | 29.37   | 34.71                  | 12.01 | 19.89 | 1,119 |
| <b>S25</b> | <b>SCRAPERS, TRACTOR DRAWN</b>                  |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | <b>SUBCATEGORY 0.00 SCRAPERS, TRACTOR DRAWN</b> |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | <b>ROME PLOW COMPANY</b>                        |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | S25RM001  | R67H     | 12-17 CY, 17 TON, WITH HYDRAULICS (ADD D6 OR D7H TRACTOR) |                                |         | \$109,618      | 20.09                         | 5.21    | 6.58                   | 1.92  | 0.00  | 238   |
|            | S25RM002  | R89H     | 18-26 CY, 25 TON, WITH HYDRAULICS (ADD D8 OR D9H TRACTOR) |                                |         | \$125,063      | 22.83                         | 5.89    | 7.40                   | 2.19  | 0.00  | 382   |
|            | S25RM003  | R56H     | 9-12 CY, 12.5 TON, WITH HYDRAULICS (ADD D5 OR D6 TRACTOR) |                                |         | \$87,812       | 16.79                         | 4.03    | 4.97                   | 1.54  | 0.00  | 203   |
| <b>S30</b> | <b>SCREENING &amp; CRUSHING PLANTS</b>          |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | <b>SUBCATEGORY 0.10 CONVEYORS</b>               |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | <b>KOLBERG MANUFACTURING COMPANY</b>            |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | S30KB001  | 13-2480  | PORTABLE STACKING CONVEYOR, 24" X 80'                     | 15 HP                          | E       | \$27,317       | 8.11                          | 1.53    | 2.08                   | 0.49  | 1.21  | 14    |
|            | S30KB002  | 13-24100 | PORTABLE STACKING CONVEYOR, 24" X 100'                    | 15 HP                          | E       | \$30,022       | 8.69                          | 1.66    | 2.25                   | 0.53  | 1.21  | 18    |
|            | S30KB003  | 13-3080  | PORTABLE STACKING CONVEYOR, 30" X 80'                     | 25 HP                          | E       | \$29,114       | 9.99                          | 1.63    | 2.21                   | 0.52  | 2.02  | 20    |
|            | S30KB004  | 13-30100 | PORTABLE STACKING CONVEYOR, 30" X 100'                    | 25 HP                          | E       | \$33,464       | 10.90                         | 1.85    | 2.50                   | 0.60  | 2.02  | 25    |
|            | S30KB005  | 13-3680  | PORTABLE STACKING CONVEYOR, 36" X 80'                     | 30 HP                          | E       | \$34,787       | 11.89                         | 1.92    | 2.59                   | 0.62  | 2.42  | 30    |
|            | S30KB006  | 13-36100 | PORTABLE STACKING CONVEYOR, 36" X 100'                    | 40 HP                          | E       | \$40,585       | 14.40                         | 2.24    | 3.04                   | 0.72  | 3.22  | 38    |
|            | S30KB008  | 31-24105 | SIDEFOLDING STACKER, 24" X 105'                           | 20 HP                          | E       | \$59,920       | 15.29                         | 3.33    | 4.51                   | 1.07  | 1.61  | 27    |
|            | S30KB009  | 31-24125 | SIDEFOLDING STACKER, 24" X 125'                           | 20 HP                          | E       | \$74,553       | 18.11                         | 4.14    | 5.62                   | 1.33  | 1.61  | 33    |
|            | S30KB011  | 31-30105 | SIDEFOLDING STACKER, 30" X 105'                           | 30 HP                          | E       | \$62,751       | 17.34                         | 3.46    | 4.67                   | 1.12  | 2.42  | 39    |
|            | S30KB012  | 31-30125 | SIDEFOLDING STACKER, 30" X 125'                           | 40 HP                          | E       | \$89,404       | 23.72                         | 4.98    | 6.78                   | 1.59  | 3.22  | 47    |
|            | S30KB014  | 31-36105 | SIDEFOLDING STACKER, 36" X 105'                           | 50 HP                          | E       | \$87,744       | 24.80                         | 4.88    | 6.64                   | 1.56  | 4.03  | 59    |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |                 |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|-----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL           | EQUIPMENT DESCRIPTION                        | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>S30</b> | <b>KOLBERG MANUFACTURING COMPANY<br/>(continued)</b> |                 |  |                                |         |                |                               |         |                        |      |      |     |
|            | S30KB015   | 31-36125        | SIDEFOLDING STACKER, 36" X 125'              | 60 HP                          | E       | \$98,800       | 28.27                         | 5.50    | 7.49                   | 1.76 | 4.84 | 70  |
|            | S30KB018   | 35-24150        | FIXED HEIGHT STACKER, 24" X 150'             | 25 HP                          | E       | \$73,341       | 18.51                         | 4.12    | 5.62                   | 1.31 | 2.02 | 39  |
|            | S30KB021   | 35-30150        | FIXED HEIGHT STACKER, 30" X 150'             | 40 HP                          | E       | \$86,364       | 23.06                         | 4.86    | 6.63                   | 1.54 | 3.22 | 56  |
|            | S30KB024   | 35-36150        | FIXED HEIGHT STACKER, 36" X 150'             | 60 HP                          | E       | \$101,563      | 28.95                         | 5.71    | 7.80                   | 1.81 | 4.84 | 84  |
|            | S30KB025   | 36-24100        | ADJUSTABLE HEIGHT RADIAL STACKER, 24" X 100' | 20 HP                          | E       | \$52,413       | 13.76                         | 2.94    | 4.02                   | 0.93 | 1.61 | 52  |
|            | S30KB026   | 36-24120        | ADJUSTABLE HEIGHT RADIAL STACKER, 24" X 120' | 20 HP                          | E       | \$62,299       | 15.69                         | 3.50    | 4.79                   | 1.11 | 1.61 | 57  |
|            | S30KB027   | 36-24150        | ADJUSTABLE HEIGHT RADIAL STACKER, 24" X 150' | 25 HP                          | E       | \$78,692       | 19.56                         | 4.42    | 6.05                   | 1.40 | 2.02 | 65  |
|            | S30KB028   | 36-30100        | ADJUSTABLE HEIGHT RADIAL STACKER, 30" X 100' | 30 HP                          | E       | \$59,720       | 16.69                         | 3.35    | 4.58                   | 1.06 | 2.42 | 64  |
|            | S30KB029   | 36-30120        | ADJUSTABLE HEIGHT RADIAL STACKER, 30" X 120' | 30 HP                          | E       | \$73,335       | 19.28                         | 4.13    | 5.64                   | 1.31 | 2.42 | 71  |
|            | S30KB030   | 36-30150        | ADJUSTABLE HEIGHT RADIAL STACKER, 30" X 150' | 40 HP                          | E       | \$92,824       | 24.35                         | 5.22    | 7.14                   | 1.65 | 3.22 | 82  |
|            | S30KB031   | 36-36100        | ADJUSTABLE HEIGHT RADIAL STACKER, 36" X 100' | 50 HP                          | E       | \$77,601       | 22.87                         | 4.37    | 5.98                   | 1.38 | 4.03 | 82  |
|            | S30KB032   | 36-36120        | ADJUSTABLE HEIGHT RADIAL STACKER, 36" X 120' | 50 HP                          | E       | \$93,343       | 25.95                         | 5.26    | 7.21                   | 1.66 | 4.03 | 93  |
|            | S30KB033   | 36-36150        | ADJUSTABLE HEIGHT RADIAL STACKER, 36" X 150' | 60 HP                          | E       | \$109,092      | 30.30                         | 6.14    | 8.40                   | 1.94 | 4.84 | 110 |
|            | <b>TELSMITH</b>                                      |                 |  |                                |         |                |                               |         |                        |      |      |     |
|            | S30TS001   | PTC 24IN X 50FT | PORTABLE TRUSS FRAME CONVEYOR, 24" X 50'     | 10 HP                          | E       | \$33,959       | 8.80                          | 1.88    | 2.55                   | 0.60 | 0.81 | 10  |
|            | S30TS002   | PTC 24IN X 70FT | PORTABLE TRUSS FRAME CONVEYOR, 24" X 70'     | 15 HP                          | E       | \$37,862       | 10.12                         | 2.12    | 2.89                   | 0.67 | 1.21 | 13  |
|            | S30TS003   | PTC 30IN X 50FT | PORTABLE TRUSS FRAME CONVEYOR, 30" X 50'     | 10 HP                          | E       | \$35,745       | 9.42                          | 1.97    | 2.66                   | 0.64 | 0.81 | 12  |
|            | S30TS004   | PTC 30IN X 70FT | PORTABLE TRUSS FRAME CONVEYOR, 30" X 70'     | 20 HP                          | E       | \$40,328       | 11.49                         | 2.25    | 3.07                   | 0.72 | 1.61 | 17  |
|            | S30TS005   | PTC 36IN X 50FT | PORTABLE TRUSS FRAME CONVEYOR, 36" X 50'     | 20 HP                          | E       | \$38,007       | 10.89                         | 2.09    | 2.82                   | 0.68 | 1.61 | 19  |
|            | S30TS006   | PTC 36IN X 70FT | PORTABLE TRUSS FRAME CONVEYOR, 36" X 70'     | 20 HP                          | E       | \$43,419       | 12.34                         | 2.42    | 3.30                   | 0.77 | 1.61 | 26  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                   |                 |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT   |
|------------|-----------------------------|-----------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-------|
|            | ID.NO.                      | MODEL           | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |       |
|            |                             |                 |   |                                |         |                |                               |         |                        |      |       |       |
| <b>S30</b> | <i>TELSMITH (continued)</i> |                 |   |                                |         |                |                               |         |                        |      |       |       |
|            | S30TS007                    | PTC 42IN X 50FT | PORTABLE TRUSS FRAME CONVEYOR, 42" X 50'  | 20HP                           | E       | \$38,605       | 10.92                         | 2.16    | 2.93                   | 0.69 | 1.61  | 25    |
|            | S30TS008                    | PTC 42IN X 70FT | PORTABLE TRUSS FRAME CONVEYOR, 42" X 70'  | 25HP                           | E       | \$44,813       | 13.28                         | 2.50    | 3.39                   | 0.80 | 2.02  | 25    |
|            | <b>SUBCATEGORY 0.20</b>     |                 | <b>CRUSHERS</b>   |                                |         |                |                               |         |                        |      |       |       |
|            | <b>HEWITT-ROBINS</b>        |                 |   |                                |         |                |                               |         |                        |      |       |       |
|            | S30HW001                    | MODEL 13654V    | PORTABLE IMPACTOR PLANT, 36" X 54", SINGLE ROTOR IMPACT CRUSHER   | 250HP                          | E       | \$267,180      | 96.80                         | 15.97   | 22.71                  | 4.61 | 20.15 | 804   |
|            | S30HW002                    | MODEL 14866V    | PORTABLE IMPACTOR PLANT, 48" X 66", SINGLE ROTOR IMPACT CRUSHER   | 350HP                          | E       | \$362,824      | 132.53                        | 21.68   | 30.84                  | 6.26 | 28.21 | 1,280 |
|            | S30HW003                    | MODEL 13654V    | PORTABLE IMPACTOR PLANT, 36" X 54", SINGLE ROTOR IMPACT CRUSHER   | 350HP                          | D-off   | \$267,180      | 76.70                         | 15.97   | 22.71                  | 4.61 | 9.70  | 804   |
|            | S30HW004                    | MODEL 14866V    | PORTABLE IMPACTOR PLANT, 48" X 66", SINGLE ROTOR IMPACT CRUSHER   | 490HP                          | D-off   | \$362,824      | 104.50                        | 21.68   | 30.84                  | 6.26 | 13.58 | 1,280 |
|            | S30HW005                    | MODEL J1524PF   | PORTABLE PRIMARY JAW PLANT WITH 15" X 24" JAW CRUSHER, 2.5' X 8' FEEDER, 2 FT. GRIZZLY, 24" X 20' DISCHARGE CONVEYOR      | 40HP                           | E       | \$139,984      | 39.31                         | 8.36    | 11.90                  | 2.41 | 3.22  | 86    |
|            | S30HW006                    | MODEL J1536V    | PORTABLE PRIMARY JAW PLANT WITH 15" X 36" JAW CRUSHER, 3' X 14' FEEDER, 4' GRIZZLY, 30" X 31' DISCHARGE CONVEYOR          | 100HP                          | E       | \$232,861      | 69.33                         | 13.91   | 19.79                  | 4.02 | 8.06  | 128   |
|            | S30HW007                    | MODEL J2036V    | PORTABLE PRIMARY JAW PLANT WITH 20" X 36" JAW CRUSHER, 3' X 14' FEEDER, 4' GRIZZLY, 30" X 31' DISCHARGE CONVEYOR          | 125HP                          | E       | \$252,933      | 77.62                         | 15.11   | 21.50                  | 4.36 | 10.07 | 128   |
|            | S30HW008                    | MODEL J2436V    | PORTABLE PRIMARY JAW PLANT WITH 24" X 36" JAW CRUSHER, 3' X 14' FEEDER, 4' GRIZZLY, 30" X 31' DISCHARGE CONVEYOR          | 125HP                          | E       | \$264,199      | 80.72                         | 15.79   | 22.46                  | 4.56 | 10.07 | 128   |
|            | S30HW009                    | MODEL J2142V    | PORTABLE PRIMARY JAW PLANT WITH 21" X 42" JAW CRUSHER, 3.5' X 16' FEEDER, 4' GRIZZLY, 36" X 34' DISCHARGE CONVEYOR        | 150HP                          | E       | \$274,208      | 86.71                         | 16.38   | 23.31                  | 4.73 | 12.09 | 152   |
|            | S30HW010                    | MODEL J3042V    | PORTABLE PRIMARY JAW PLANT WITH 30" X 42" JAW CRUSHER, 3.5' X 16' FEEDER, 6' GRIZZLY, 36" X 41' OR 55' DISCHARGE CONVEYOR | 200HP                          | E       | \$333,826      | 107.29                        | 19.95   | 28.38                  | 5.76 | 16.12 | 156   |
|            | S30HW011                    | MODEL J2248V    | PORTABLE PRIMARY JAW PLANT WITH 22" X 48" JAW CRUSHER, 4' X 16' FEEDER, 4' GRIZZLY, 48" X 37' DISCHARGE CONVEYOR          | 200HP                          | E       | \$327,461      | 105.57                        | 19.56   | 27.83                  | 5.65 | 16.12 | 168   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                            |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|--------------------------------------|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.                               | MODEL        | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|            |                                      |              |  |                                |         |                |                               |         |                        |       |       |       |
| <b>S30</b> | <b>HEWITT-ROBINS (continued)</b>     |              |  |                                |         |                |                               |         |                        |       |       |       |
|            | S30HW012                             | MODEL J3048V | PORTABLE PRIMARY JAW PLANT WITH 30" X 48" JAW CRUSHER, 4' X 16' FEEDER, 4' GRIZZLY, 48" X 37' DISCHARGE CONVEYOR                               | 200 HP                         | E       | \$386,701      | 119.96                        | 23.10   | 32.87                  | 6.67  | 16.12 | 168   |
|            | S30HW013                             | MODEL H4832S | PORTABLE HAMMERMILL PLANT WITH 48" X 32" HAMMERMILL, 5' X 16' TRIPLE DECK SCREEN, 30" X 11' FEED CONVEYOR AND 36" X 37' END DISCHARGE CONVEYOR | 450 HP                         | E       | \$317,216      | 137.73                        | 18.95   | 26.96                  | 5.47  | 36.27 | 600   |
|            | <b>KOLBERG MANUFACTURING COMPANY</b> |              |  |                                |         |                |                               |         |                        |       |       |       |
|            | S30KB034                             | CS-1536      | PORTABLE JAW CRUSHER PLANT, 15" X 36" JAW CRUSHER, 36" X 14' VIBRATING FEEDER, 4' 6" GRIZZLY, 36" X 22' END DELIVERY CONVEYOR                  | 115 HP                         | E       | \$210,304      | 65.54                         | 12.47   | 17.67                  | 3.63  | 9.27  | 548   |
|            | S30KB035                             | CS-2036      | PORTABLE JAW CRUSHER PLANT, 20" X 36" JAW CRUSHER, 36" X 14' VIBRATING FEEDER, 4' 6" GRIZZLY, 36" X 22' END DELIVERY CONVEYOR                  | 140 HP                         | E       | \$216,664      | 70.74                         | 12.81   | 18.13                  | 3.74  | 11.28 | 590   |
|            | S30KB036                             | CS-2436      | PORTABLE JAW CRUSHER PLANT, 24" X 36" JAW CRUSHER, 36" X 16' VIBRATING FEEDER, 4' 6" GRIZZLY, 36" X 22' END DELIVERY CONVEYOR                  | 140 HP                         | E       | \$245,892      | 77.47                         | 14.55   | 20.61                  | 4.24  | 11.28 | 701   |
|            | <b>TELSMITH</b>                      |              |  |                                |         |                |                               |         |                        |       |       |       |
|            | S30TS009                             | 4246         | PRIMARY IMPACT CRUSHER, 600 TON/HR MAX CAPACITY  | 300 HP                         | E       | \$235,361      | 95.34                         | 14.07   | 20.01                  | 4.06  | 24.18 | 595   |
|            | S30TS010                             | 4856         | PRIMARY IMPACT CRUSHER, 1100 TON/HR MAX CAPACITY   | 400 HP                         | E       | \$350,486      | 135.54                        | 20.93   | 29.79                  | 6.04  | 32.24 | 942   |
|            | S30TS011                             | 6071         | PRIMARY IMPACT CRUSHER, 2100 TON/HR MAX CAPACITY, 2 EA 400 HP MOTOR  | 800 HP                         | E       | \$591,495      | 245.89                        | 35.34   | 50.28                  | 10.20 | 64.48 | 1,950 |
|            | S30TS013                             | 44FC         | GYRASPHERE CRUSHER FOR COARSE THRU FINE MATERIALS, 230 TON PER HOUR CAPACITY   | 200 HP                         | E       | \$195,506      | 72.93                         | 11.68   | 16.62                  | 3.37  | 16.12 | 312   |
|            | S30TS015                             | 52FC         | GYRASPHERE CRUSHER FOR COARSE THRU FINE MATERIALS, 260 TON PER HOUR CAPACITY   | 250 HP                         | E       | \$257,654      | 94.10                         | 15.39   | 21.90                  | 4.44  | 20.15 | 479   |
|            | S30TS017                             | 57FC         | GYRASPHERE CRUSHER FOR COARSE THRU FINE MATERIALS, 330 TON PER HOUR CAPACITY   | 300 HP                         | E       | \$374,089      | 127.77                        | 22.35   | 31.80                  | 6.45  | 24.18 | 660   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                               |                 |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT   |
|------------|---|-----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-------|
|            | ID.NO.                                  | MODEL           | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |       |
|            |   |                 |  |                                |         |                |                               |         |                        |      |       |       |
| <b>S30</b> | <b>TELSMITH (continued)</b>             |                 |  |                                |         |                |                               |         |                        |      |       |       |
|            | S30TS012                                | 44S             | GYRASPHERE CRUSHER FOR EXTRA COARSE THRU MEDIUM MATERIALS, 380 TON PER HOUR CAPACITY | 200 HP                         | E       | \$182,423      | 69.93                         | 10.90   | 15.51                  | 3.15 | 16.12 | 312   |
|            | S30TS014                                | 52S             | GYRASPHERE CRUSHER FOR EXTRA COARSE THRU MEDIUM MATERIALS, 440 TON PER HOUR CAPACITY | 250 HP                         | E       | \$252,616      | 92.94                         | 15.09   | 21.47                  | 4.36 | 20.15 | 479   |
|            | S30TS016                                | 57S             | GYRASPHERE CRUSHER FOR EXTRA COARSE THRU MEDIUM MATERIALS, 580 TON PER HOUR CAPACITY | 300 HP                         | E       | \$360,062      | 124.55                        | 21.52   | 30.61                  | 6.21 | 24.18 | 660   |
|            | S30TS020                                | HSI 4230        | HORIZONTAL SHAFT IMPACTOR, 12" MAX FEED SIZE, 120 TON/HR CAPACITY                    | 100 HP                         | E       | \$107,401      | 39.94                         | 6.42    | 9.13                   | 1.85 | 8.06  | 193   |
|            | S30TS021                                | HSI 5242        | HORIZONTAL SHAFT IMPACTOR, 16" MAX FEED SIZE, 170 TON/HR CAPACITY                    | 200 HP                         | E       | \$151,087      | 63.21                         | 9.03    | 12.84                  | 2.61 | 16.12 | 293   |
|            | S30TS022                                | HSI 5263        | HORIZONTAL SHAFT IMPACTOR, 16" MAX FEED SIZE, 320 TON/HR CAPACITY                    | 300 HP                         | E       | \$186,408      | 85.05                         | 11.13   | 15.84                  | 3.21 | 24.18 | 480   |
|            | S30TS023                                | HSI 6263        | HORIZONTAL SHAFT IMPACTOR, 20" MAX FEED SIZE, 440 TON/HR CAPACITY                    | 400 HP                         | E       | \$238,735      | 110.82                        | 14.27   | 20.29                  | 4.12 | 32.24 | 615   |
|            | S30TS025                                | 68S             | GYRASPHERE CRUSHER FOR COARSE THRU FINE, 1015 TON/HOUR MAX CAPACITY                  | 400 HP                         | E       | \$542,414      | 180.74                        | 32.41   | 46.11                  | 9.35 | 32.24 | 1,090 |
|            | S30TS026                                | 68FC            | GYRASPHERE CRUSHER FOR COARSE THRU FINE, 840 TON/HOUR MAX CAPACITY                   | 500 HP                         | E       | \$549,178      | 195.00                        | 32.81   | 46.68                  | 9.47 | 40.30 | 1,090 |
|            | <b>SUBCATEGORY 0.30 SCREENING PLANT</b> |                 |  |                                |         |                |                               |         |                        |      |       |       |
|            | <b>HEWITT-ROBINS</b>                    |                 |  |                                |         |                |                               |         |                        |      |       |       |
|            | S30HW014                                | V-11 6X16FT, DD | PORTABLE SCREENING PLANT WITH 6' X 16' DOUBLE DECK SCREENS                           | 15 HP                          | E       | \$102,076      | 23.85                         | 5.91    | 8.17                   | 1.82 | 1.21  | 101   |
|            | S30HW016                                | V-11 6X20FT, DD | PORTABLE SCREENING PLANT WITH 6' X 20' DOUBLE DECK SCREENS                           | 20 HP                          | E       | \$106,260      | 25.41                         | 6.14    | 8.50                   | 1.89 | 1.61  | 115   |
|            | S30HW015                                | V-11 6X16FT, TD | PORTABLE SCREENING PLANT WITH 6' X 16' TRIPLE DECK SCREENS                           | 25 HP                          | E       | \$112,414      | 27.49                         | 6.50    | 8.99                   | 2.00 | 2.02  | 138   |
|            | S30HW017                                | V-11 6X20FT, TD | PORTABLE SCREENING PLANT WITH 6' X 20' TRIPLE DECK SCREENS                           | 25 HP                          | E       | \$114,661      | 27.99                         | 6.63    | 9.17                   | 2.04 | 2.02  | 167   |
|            | S30HW018                                | V-11 8X20FT, TD | PORTABLE SCREENING PLANT WITH 8' X 20' TRIPLE DECK SCREENS                           | 40 HP                          | E       | \$136,860      | 34.48                         | 7.91    | 10.95                  | 2.44 | 3.22  | 243   |
|            | <b>KOLBERG MANUFACTURING COMPANY</b>    |                 |  |                                |         |                |                               |         |                        |      |       |       |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |         |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|---------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL   | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>S30</b> | <b>KOLBERG MANUFACTURING COMPANY<br/>(continued)</b> |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | S30KB037   | 25-2450 | MOBILE SCREENING PLANT, 24" X 50', TWO DECK, VARIABLE SPEED, 7 CY HOPPER AND FEEDER | 73 HP                          | D-off   | \$71,075       | 19.05                         | 4.05    | 5.56                   | 1.27 | 2.02 | 266 |
|            | S30KB038   | 25-3050 | MOBILE SCREENING PLANT, 30" X 50', TWO DECK, VARIABLE SPEED, 7 CY HOPPER AND FEEDER | 73 HP                          | D-off   | \$74,001       | 19.66                         | 4.20    | 5.75                   | 1.32 | 2.02 | 205 |
|            | S30KB039   | 26-2450 | MOBILE SCREENING PLANT, 24" X 50', TWO DECK, VARIABLE SPEED, 7 CY HOPPER AND FEEDER | 76 HP                          | D-off   | \$98,168       | 24.86                         | 5.60    | 7.70                   | 1.75 | 2.11 | 290 |
|            | S30KB040   | 26-3050 | MOBILE SCREENING PLANT, 30" X 50', TWO DECK, VARIABLE SPEED, 7 CY HOPPER AND FEEDER | 76 HP                          | D-off   | \$105,026      | 26.24                         | 5.99    | 8.23                   | 1.87 | 2.11 | 309 |
|            | <b>KOLMAN</b>  |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | S30KL001   | PB-212  | COLD FEED PLANT, 2 EACH 12' LONG X 9' HIGH BINS                                     |                                |         | \$72,999       | 17.13                         | 4.21    | 5.81                   | 1.30 | 0.00 | 210 |
|            | S30KL002   | PB-312  | COLD FEED PLANT, 3 EACH 12' LONG X 9' HIGH BINS                                     |                                |         | \$91,838       | 21.41                         | 5.29    | 7.30                   | 1.64 | 0.00 | 263 |
|            | S30KL003   | PB-412  | COLD FEED PLANT, 4 EACH 12' LONG X 9' HIGH BINS                                     |                                |         | \$114,671      | 26.48                         | 6.61    | 9.13                   | 2.04 | 0.00 | 309 |
|            | <b>READ CORPORATION</b>                              |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | S30RA002   | CV 40D  | MOBILE SCREEN PLANT, 120 CY/HR PROD   | 25 HP                          | D-off   | \$61,320       | 14.47                         | 3.53    | 4.87                   | 1.09 | 0.69 | 130 |
|            | S30RA003   | CV 90D  | MOBILE SCREEN PLANT, 200 CY/HR PROD   | 49 HP                          | D-off   | \$94,958       | 22.62                         | 5.46    | 7.53                   | 1.69 | 1.36 | 195 |
|            | S30RA004   | CV 150D | MOBILE SCREEN PLANT, 320 CY/HR PROD   | 49 HP                          | D-off   | \$123,061      | 28.49                         | 7.07    | 9.77                   | 2.19 | 1.36 | 241 |
| <b>S35</b> | <b>SNOW REMOVAL EQUIPMENT</b>                        |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 SNOW REMOVAL EQUIPMENT</b>       |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>AMERICAN ROAD MACHINERY</b>                       |         |   |                                |         |                |                               |         |                        |      |      |     |
|            | S35AR001   | 112     | REVERSIBLE SNOW PLOW (ADD DUMP TRK)   |                                |         | \$2,756        | 0.68                          | 0.19    | 0.28                   | 0.05 | 0.00 | 15  |
|            | S35AR002   | 713     | 1-WAY TRIP SNOW PLOW (ADD DUMP TRK)   |                                |         | \$4,144        | 1.02                          | 0.28    | 0.41                   | 0.08 | 0.00 | 20  |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10 |           |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT |
|--|-----------|-----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-----|
|  | ID.NO.    | MODEL     | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |     |
| <b>S40 SOIL &amp; ROAD STABILIZERS</b>                   |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| <b>SUBCATEGORY 0.00 SOIL &amp; ROAD STABILIZERS</b>      |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| <b>CATERPILLAR, INC.</b>                                 |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| S40CA001   | RR250     | Reclaimer | 12" DEEP X 96" WIDE, HYDROSTATIC   | 335 HP                         | D-off   | \$226,302      | 59.87                         | 13.03   | 18.00                  | 4.03  | 9.29  | 352 |
| S40CA002   | SS250     | Reclaimer | 18" DEEP X 96" WIDE, HYDROSTATIC   | 335 HP                         | D-off   | \$235,133      | 62.16                         | 13.41   | 18.44                  | 4.19  | 9.29  | 265 |
| <b>SAKAI AMERICA, INC.</b>                               |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| S40SI020   | ERF300    |           | ROAD CUTTER, 6" DEEP X 79" WIDE, HYDSTAT                                     | 340 HP                         | D-off   | \$769,517      | 174.15                        | 44.28   | 61.13                  | 13.71 | 9.42  | 518 |
| S40SI021   | PM500     |           | ROAD STABILIZER, 16" DEEP X 79" WIDE, HYDSTAT                                | 380 HP                         | D-off   | \$728,031      | 166.73                        | 41.93   | 57.92                  | 12.97 | 10.53 | 463 |
| <b>S45 SPLITTERS, ROCK &amp; CONCRETE</b>                |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| <b>SUBCATEGORY 0.00 SPLITTERS, ROCK &amp; CONCRETE</b>   |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| <b>ELCO INTERNATIONAL, INC.</b>                          |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| S45DA004   | 02A-9     |           | 220 TON, S FORCE, SIZE 9, 1.75" DIA, 2 GAL, 18" DEEP HOLE REQ'D (ADD COMPR)  | 80 CFM                         | A       | \$13,913       | 5.34                          | 1.19    | 1.86                   | 0.26  | 0.00  | 1   |
| S45DA005   | 02-9      |           | 220 TON, S FORCE, SIZE 9, 1.75" DIA, 5 GAL, 18" DEEP HOLE REQ'D (ADD COMPR)  | 80 CFM                         | A       | \$14,410       | 5.51                          | 1.23    | 1.92                   | 0.27  | 0.00  | 1   |
| S45DA006   | 02A-12    |           | 385 TON, S FORCE, SIZE 12, 1.75" DIA, 2 GAL, 26" DEEP HOLE REQ'D (ADD COMPR) | 80 CFM                         | A       | \$14,074       | 5.40                          | 1.21    | 1.88                   | 0.27  | 0.00  | 1   |
| S45DA007   | 02-12     |           | 385 TON, S FORCE, SIZE 12, 1.75" DIA, 5 GAL, 26" DEEP HOLE REQ'D (ADD COMPR) | 80 CFM                         | A       | \$14,570       | 5.58                          | 1.25    | 1.94                   | 0.28  | 0.00  | 1   |
| <b>T10 TRACTOR BLADES &amp; ATTACHMENTS</b>              |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| <b>SUBCATEGORY 0.00 TRACTOR BLADES &amp; ATTACHMENTS</b> |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| <b>CATERPILLAR, INC.</b>                                 |           |           |  |                                |         |                |                               |         |                        |       |       |     |
| T10CA001   | 61-9722   | D3C       | BLADE, POWER ANGLE TILT, DOZER, 1.65 CY                                      |                                |         | \$11,744       | 2.43                          | 0.68    | 0.94                   | 0.21  | 0.00  | 23  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                            |                  |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--------------------------------------|------------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                               | MODEL            | EQUIPMENT DESCRIPTION                                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                                      |                  |  |                                |         |                |                               |         |                        |      |      |     |
| <i>T10</i> | <i>CATERPILLAR, INC. (continued)</i> |                  |  |                                |         |                |                               |         |                        |      |      |     |
|            | T10CA002                             | 53               | WINCH, FOR D3 (W/250' CABLE)                             |                                |         | \$9,986        | 2.08                          | 0.58    | 0.80                   | 0.18 | 0.00 | 10  |
|            | T10CA004                             | 104-5683 D4C D-4 | BLADE, ANGLE, HYDRAULIC, DOZER FOR D4, 2.17 CY           |                                |         | \$12,814       | 2.65                          | 0.75    | 1.03                   | 0.23 | 0.00 | 24  |
|            | T10CA005                             | 55               | WINCH, FOR D4 (W/250' CABLE)                             |                                |         | \$17,872       | 3.66                          | 1.03    | 1.43                   | 0.32 | 0.00 | 20  |
|            | T10CA007                             | 5A C             | BLADE, ANGLE, HYDRAULIC, DOZER FOR D5, 2.53 CY           |                                |         | \$14,136       | 2.90                          | 0.81    | 1.13                   | 0.25 | 0.00 | 29  |
|            | T10CA008                             | 55               | WINCH, FOR D5 (WITH CABLE)                               |                                |         | \$24,546       | 4.99                          | 1.42    | 1.96                   | 0.44 | 0.00 | 21  |
|            | T10CA009                             | 108-3970         | BLADE, STRAIGHT, HYDRAULIC, DOZER FOR D6, 5.09 CY        |                                |         | \$22,834       | 4.65                          | 1.33    | 1.83                   | 0.41 | 0.00 | 58  |
|            | T10CA010                             | 108-3982         | BLADE, ANGLE, HYDRAULIC, DOZER FOR D6, 4.16 CY           |                                |         | \$24,745       | 5.03                          | 1.43    | 1.98                   | 0.44 | 0.00 | 60  |
|            | T10CA011                             | 56               | WINCH, FOR D6 (WITH CABLE)                               |                                |         | \$31,956       | 6.48                          | 1.85    | 2.56                   | 0.57 | 0.00 | 28  |
|            | T10CA012                             | 7S               | BLADE, STRAIGHT, HYDRAULIC, DOZER FOR D7, 6.75 CY        |                                |         | \$34,251       | 6.93                          | 1.98    | 2.74                   | 0.61 | 0.00 | 77  |
|            | T10CA013                             | 7U               | BLADE, UNIVERSAL, HYDRAULIC, DOZER FOR D7, 10.09 CY      |                                |         | \$37,580       | 7.60                          | 2.17    | 3.01                   | 0.67 | 0.00 | 87  |
|            | T10CA014                             | 7A               | BLADE, ANGLE, HYDRAULIC, DOZER FOR D7, 5.08 CY           |                                |         | \$35,471       | 7.18                          | 2.05    | 2.84                   | 0.63 | 0.00 | 76  |
|            | T10CA015                             | 57               | WINCH, FOR D7 (W/ CABLE)                                 |                                |         | \$40,133       | 8.12                          | 2.31    | 3.21                   | 0.71 | 0.00 | 41  |
|            | T10CA016                             | 8SU              | BLADE, SEMI-UNIVERSAL, HYDRAULIC, DOZER FOR D8 , 6.09 CY |                                |         | \$40,896       | 8.30                          | 2.37    | 3.27                   | 0.73 | 0.00 | 96  |
|            | T10CA017                             | 8U               | BLADE, UNIVERSAL, HYDRAULIC, DOZER FOR D8, 15.30 CY      |                                |         | \$44,263       | 8.98                          | 2.56    | 3.54                   | 0.79 | 0.00 | 106 |
|            | T10CA018                             | 8A               | BLADE, ANGLE, HYDRAULIC, DOZER FOR D8, 6.09 CY           |                                |         | \$40,086       | 8.15                          | 2.31    | 3.21                   | 0.71 | 0.00 | 138 |
|            | T10CA019                             |                  | BLADE, PUSH PLATE FOR D8                                 |                                |         | \$1,163        | 0.28                          | 0.07    | 0.09                   | 0.02 | 0.00 | 6   |
|            | T10CA020                             | 57               | WINCH, FOR D8 (WITH CABLE)                               |                                |         | \$40,133       | 8.17                          | 2.31    | 3.21                   | 0.71 | 0.00 | 41  |
|            | T10CA021                             | 9SU              | BLADE, SEMI-U, HYDRAULIC, DOZER FOR D9, 17.70 CY         |                                |         | \$58,677       | 11.93                         | 3.40    | 4.69                   | 1.05 | 0.00 | 144 |
|            | T10CA022                             | 9U               | BLADE, UNIVERSAL, HYDRAULIC, FOR D9, 21.40 CY            |                                |         | \$63,798       | 12.95                         | 3.69    | 5.10                   | 1.14 | 0.00 | 157 |
|            | T10CA023                             | 59               | WINCH, FOR D9 (WITH CABLE)                               |                                |         | \$46,337       | 9.48                          | 2.69    | 3.71                   | 0.83 | 0.00 | 45  |
|            | T10CA024                             | 10SU             | BLADE, SEMI-U, HYDRAULIC, DOZER FOR D10, 24.20 CY        |                                |         | \$79,816       | 16.25                         | 4.62    | 6.39                   | 1.42 | 0.00 | 244 |
|            | T10CA025                             | 10U              | BLADE, UNIVERSAL, HYDRAULIC, DOZER FOR D10, 28.70 CY     |                                |         | \$82,177       | 16.72                         | 4.75    | 6.57                   | 1.46 | 0.00 | 238 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                            |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--------------------------------------|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.                               | MODEL        | EQUIPMENT DESCRIPTION                                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |                                      |              |  |                                |         |                |                               |         |                        |      |      |     |
| <b>T10</b> | <b>CATERPILLAR, INC. (continued)</b> |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | T10CA026                             | 11SU         | BLADE, SEMI-U, HYDRAULIC, DOZER FOR D11, 35.50 CY        |                                |         | \$121,403      | 24.68                         | 7.02    | 9.71                   | 2.16 | 0.00 | 329 |
|            | T10CA027                             | 11U          | BLADE, UNIVERSAL, HYDRAULIC, DOZER FOR D11, 45.00 CY     |                                |         | \$133,140      | 27.05                         | 7.70    | 10.65                  | 2.37 | 0.00 | 400 |
|            | <b>KOMATSU DRESSER COMPANY</b>       |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | T10ID001                             | 15D-2        | BLADE, SEMI-U, HYDRAULIC, FOR 15C                        |                                |         | \$21,494       | 4.35                          | 1.24    | 1.72                   | 0.38 | 0.00 | 45  |
|            | T10ID002                             | 15G-2        | BLADE, ANGLE, HYDRAULIC, FOR 15C                         |                                |         | \$24,353       | 4.92                          | 1.41    | 1.95                   | 0.43 | 0.00 | 48  |
|            | T10ID003                             | 20D-2        | BLADE, SEMI-U, HYDRAULIC, FOR 20G                        |                                |         | \$35,987       | 7.25                          | 2.08    | 2.88                   | 0.64 | 0.00 | 61  |
|            | T10ID004                             | 20G-2        | BLADE, ANGLE, HYDRAULIC, FOR 20G                         |                                |         | \$39,169       | 7.88                          | 2.26    | 3.13                   | 0.70 | 0.00 | 71  |
|            | T10ID005                             | 25D-2        | BLADE, SEMI-U, HYDRAULIC, FOR 25G                        |                                |         | \$50,646       | 10.23                         | 2.92    | 4.05                   | 0.90 | 0.00 | 119 |
|            | T10ID006                             | 256-2        | BLADE, FULL-U, HYDRAULIC, FOR 25G                        |                                |         | \$56,094       | 11.34                         | 3.25    | 4.49                   | 1.00 | 0.00 | 126 |
|            | T10ID007                             | 40D-2        | BLADE, SEMI-U, HYDRAULIC, FOR 40B                        |                                |         | \$54,588       | 11.00                         | 3.16    | 4.37                   | 0.97 | 0.00 | 192 |
|            | T10ID008                             | 40U-2        | BLADE, FULL-U, HYDRAULIC, FOR 40B                        |                                |         | \$61,266       | 12.38                         | 3.54    | 4.90                   | 1.09 | 0.00 | 210 |
|            | <b>DEERE &amp; COMPANY</b>           |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | T10JD001                             | 915 V-RIPPER | 5X7 V SHAPED DEEP TILLER (ADD UP TO 200 PTO HP TRACTOR)  |                                |         | \$6,095        | 1.22                          | 0.35    | 0.49                   | 0.11 | 0.00 | 10  |
|            | <b>LELY CORPORATION</b>              |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | T10LE001                             | 200-15       | POWER HARROW, 80" WIDE ROTERRA (ADD 40 HP TRACTOR, PTO)  |                                |         | \$6,457        | 1.30                          | 0.38    | 0.52                   | 0.12 | 0.00 | 13  |
|            | T10LE002                             | 250-15       | POWER HARROW, 100" WIDE ROTERRA (ADD 45 HP TRACTOR, PTO) |                                |         | \$7,300        | 1.46                          | 0.42    | 0.58                   | 0.13 | 0.00 | 15  |
|            | T10LE003                             | 300-20       | POWER HARROW, 120" WIDE ROTERRA (ADD 50 HP TRACTOR, PTO) |                                |         | \$7,915        | 1.58                          | 0.46    | 0.63                   | 0.14 | 0.00 | 17  |
|            | T10LE004                             | 350-35       | POWER HARROW, 140" WIDE ROTERRA (ADD 60 HP TRACTOR, PTO) |                                |         | \$13,469       | 2.70                          | 0.78    | 1.08                   | 0.24 | 0.00 | 27  |
|            | T10LE005                             | 400-35       | POWER HARROW, 160" WIDE ROTERRA (ADD 75 HP TRACTOR, PTO) |                                |         | \$15,010       | 3.00                          | 0.87    | 1.20                   | 0.27 | 0.00 | 29  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT   | REGION 10                             |                  |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|---|---------------------------------------|------------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|   | ID.NO.                                | MODEL            | EQUIPMENT DESCRIPTION                   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>T15 TRACTORS, CRAWLER (DOZER) (includes blade)</b> |                                       |                  |   |                                |         |                |                               |         |                        |      |      |     |
|   | <b>SUBCATEGORY 0.01 0 THRU 225 HP</b> |                  |   |                                |         |                |                               |         |                        |      |      |     |
|   | <b>CATERPILLAR, INC.</b>              |                  |   |                                |         |                |                               |         |                        |      |      |     |
|   | T15CA002                              | D-3C III LGP (MA | LOW GROUND PRESSURE (WITH SEMI-U BLADE) | 70 HP                          | D-off   | \$86,036       | 24.32                         | 4.80    | 6.45                   | 1.58 | 2.12 | 170 |
|   | T15CA020                              | D-4C III         | POWERSHIFT (WITH SEMI-U BLADE)          | 80 HP                          | D-off   | \$85,411       | 24.61                         | 4.78    | 6.41                   | 1.57 | 2.42 | 161 |
|   | T15CA005                              | D-4C III LGP     | LOW GROUND PRESSURE (WITH SEMI-U BLADE) | 80 HP                          | D-off   | \$96,412       | 27.32                         | 5.38    | 7.23                   | 1.77 | 2.42 | 170 |
|   | T15CA021                              | D-5C III         | POWERSHIFT (WITH SEMI-U BLADE)          | 90 HP                          | D-off   | \$91,546       | 26.56                         | 5.12    | 6.87                   | 1.68 | 2.72 | 180 |
|   | T15CA022                              | D-5C III LGP     | LOW GROUND PRESSURE (WITH SEMI-U BLADE) | 90 HP                          | D-off   | \$98,991       | 28.40                         | 5.53    | 7.42                   | 1.82 | 2.72 | 199 |
|   | T15CA008                              | D-6M XL          | POWERSHIFT (WITH SEMI-U BLADE)          | 140 HP                         | D-off   | \$166,986      | 47.37                         | 9.33    | 12.52                  | 3.07 | 4.23 | 321 |
|   | T15CA010                              | D-6H II          | POWERSHIFT (WITH SEMI-U BLADE)          | 165 HP                         | D-off   | \$179,621      | 51.61                         | 10.05   | 13.47                  | 3.31 | 4.99 | 386 |
|   | T15CA009                              | D-6R SA          | SPECIAL APPLICATION, TRASH/WASTE        | 165 HP                         | D-off   | \$195,799      | 55.59                         | 10.94   | 14.68                  | 3.60 | 4.99 | 385 |
|   | T15CA011                              | D-6R LGP         | LOW GROUND PRESSURE (WITH SEMI-U BLADE) | 185 HP                         | D-off   | \$227,883      | 64.38                         | 12.73   | 17.09                  | 4.19 | 5.59 | 439 |
|   | T15CA012                              | D-7R             | POWERSHIFT (WITH SEMI-U BLADE)          | 230 HP                         | D-off   | \$297,800      | 83.64                         | 16.65   | 22.34                  | 5.48 | 6.96 | 418 |
|   | <b>CASE CORPORATION</b>               |                  |   |                                |         |                |                               |         |                        |      |      |     |
|   | T15CS004                              | 550G             | WITH UNIVERSAL BLADE                    | 67 HP                          | D-off   | \$80,740       | 22.90                         | 4.52    | 6.06                   | 1.49 | 2.03 | 136 |
|   | T15CS005                              | 650G             | WITH UNIVERSAL BLADE                    | 80 HP                          | D-off   | \$93,891       | 26.70                         | 5.25    | 7.04                   | 1.73 | 2.42 | 155 |
|   | T15CS006                              | 850G             | WITH UNIVERSAL BLADE                    | 89 HP                          | D-off   | \$105,080      | 29.85                         | 5.87    | 7.88                   | 1.93 | 2.69 | 169 |
|   | T15CS007                              | 1150G            | WITH UNIVERSAL BLADE                    | 118 HP                         | D-off   | \$142,894      | 40.48                         | 7.99    | 10.72                  | 2.63 | 3.57 | 271 |
|   | <b>FIATALLIS</b>                      |                  |   |                                |         |                |                               |         |                        |      |      |     |
|   | T15FI003                              | FD9              | POWERSHIFT (WITH SEMI-U TILT BLADE)     | 107 HP                         | D-off   | \$110,897      | 32.10                         | 6.20    | 8.32                   | 2.04 | 3.24 | 237 |
|   | T15FI014                              | FD145            | POWERSHIFT (WITH HYDR SEMI-U BLADE)     | 125 HP                         | D-off   | \$142,851      | 40.77                         | 7.99    | 10.71                  | 2.63 | 3.78 | 308 |
|   | T15FI015                              | FD175            | POWERSHIFT (WITH HYDR SEMI-U BLADE)     | 167 HP                         | D-off   | \$162,246      | 47.41                         | 9.07    | 12.17                  | 2.99 | 5.05 | 365 |
|   | <b>KOMATSU DRESSER COMPANY</b>        |                  |   |                                |         |                |                               |         |                        |      |      |     |
|   | T15ID001                              | TD-7H            | POWERSHIFT (WITH ANGLE BLADE)           | 70 HP                          | D-off   | \$79,767       | 22.78                         | 4.46    | 5.98                   | 1.47 | 2.12 | 157 |
|   | T15ID002                              | TD-8H            | POWERSHIFT (WITH ANGLE BLADE)           | 80 HP                          | D-off   | \$89,666       | 25.66                         | 5.01    | 6.72                   | 1.65 | 2.42 | 164 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                      |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT   |
|------------|--|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-------|
|            | ID.NO.   | MODEL    | EQUIPMENT DESCRIPTION                   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |       |
|            |  |          |   |                                |         |                |                               |         |                        |      |       |       |
| <b>T15</b> | <b>KOMATSU DRESSER COMPANY<br/>(continued)</b> |          |   |                                |         |                |                               |         |                        |      |       |       |
|            | T15ID003                                       | TD-12C   | POWERSHIFT (WITH SEMI-U BLADE)          | 125 HP                         | D-off   | \$150,543      | 42.67                         | 8.41    | 11.29                  | 2.77 | 3.78  | 281   |
|            | T15ID004                                       | TD-15C   | POWERSHIFT (WITH SEMI-U BLADE)          | 140 HP                         | D-off   | \$191,589      | 53.45                         | 10.72   | 14.37                  | 3.53 | 4.23  | 316   |
|            | T15ID005                                       | TD-20G   | POWERSHIFT (WITH SEMI-U BLADE)          | 225 HP                         | D-off   | \$310,025      | 86.43                         | 17.34   | 23.25                  | 5.71 | 6.80  | 495   |
|            | <b>DEERE &amp; COMPANY</b>                     |          |   |                                |         |                |                               |         |                        |      |       |       |
|            | T15JD001                                       | 400G     | (WITH POWER ANGLE TILT BLADE)           | 60 HP                          | D-off   | \$57,343       | 16.80                         | 3.21    | 4.30                   | 1.06 | 1.81  | 114   |
|            | T15JD002                                       | 450G     | POWERSHIFT (WITH HYDRAULIC BLADE)       | 70 HP                          | D-off   | \$67,688       | 19.81                         | 3.79    | 5.08                   | 1.25 | 2.12  | 153   |
|            | T15JD003                                       | 550G     | POWERSHIFT (WITH HYDRAULIC BLADE)       | 80 HP                          | D-off   | \$82,248       | 23.83                         | 4.59    | 6.17                   | 1.51 | 2.42  | 167   |
|            | T15JD004                                       | 650G     | POWERSHIFT (WITH HYDRAULIC BLADE)       | 90 HP                          | D-off   | \$91,161       | 26.47                         | 5.10    | 6.84                   | 1.68 | 2.72  | 188   |
|            | T15JD005                                       | 750C     | (WITH SEMI-U BLADE)                     | 140 HP                         | D-off   | \$163,560      | 46.53                         | 9.14    | 12.27                  | 3.01 | 4.23  | 291   |
|            | T15JD006                                       | 750C LGP | (WITH STRAIGHT BLADE)                   | 140 HP                         | D-off   | \$170,364      | 48.22                         | 9.53    | 12.78                  | 3.14 | 4.23  | 313   |
|            | T15JD007                                       | 850C     | (WITH SEMI-U BLADE)                     | 185 HP                         | D-off   | \$201,230      | 57.81                         | 11.25   | 15.09                  | 3.70 | 5.59  | 367   |
|            | T15JD008                                       | 850C LGP | (WITH STRAIGHT BLADE)                   | 185 HP                         | D-off   | \$222,411      | 63.04                         | 12.43   | 16.68                  | 4.09 | 5.59  | 400   |
|            | <b>KOMATSU DRESSER COMPANY</b>                 |          |   |                                |         |                |                               |         |                        |      |       |       |
|            | T15KM001                                       | D31E-20  | HYDROSHIFT (WITH ANGLE BLADE)           | 70 HP                          | D-off   | \$94,766       | 26.48                         | 5.29    | 7.11                   | 1.74 | 2.12  | 123   |
|            | T15KM002                                       | D37E-5   | HYDROSHIFT (WITH ANGLE BLADE)           | 80 HP                          | D-off   | \$98,978       | 27.95                         | 5.53    | 7.42                   | 1.82 | 2.42  | 149   |
|            | T15KM003                                       | D58E-1B  | HYDROSHIFT (WITH ANGLE BLADE)           | 130 HP                         | D-off   | \$173,402      | 48.52                         | 9.70    | 13.01                  | 3.19 | 3.93  | 336   |
|            | T15KM013                                       | D65EX-12 | POWERSHIFT (WITH SEMI-U BLADE)          | 190 HP                         | D-off   | \$302,240      | 82.97                         | 16.90   | 22.67                  | 5.56 | 5.75  | 414   |
|            | T15KM007                                       | D85E-21  | POWERSHIFT (WITH SEMI-U BLADE)          | 225 HP                         | D-off   | \$327,509      | 90.74                         | 18.31   | 24.56                  | 6.03 | 6.80  | 548   |
|            | <b>SUBCATEGORY 0.02 226 HP THRU 425 HP</b>     |          |   |                                |         |                |                               |         |                        |      |       |       |
|            | <b>CATERPILLAR, INC.</b>                       |          |   |                                |         |                |                               |         |                        |      |       |       |
|            | T15CA014                                       | D-7R LGP | LOW GROUND PRESSURE (WITH SEMI-U BLADE) | 240 HP                         | D-off   | \$353,039      | 56.67                         | 13.89   | 15.69                  | 6.04 | 7.26  | 566   |
|            | T15CA016                                       | D-8R     | POWERSHIFT (WITH SEMI-U BLADE)          | 305 HP                         | D-off   | \$373,097      | 61.98                         | 14.67   | 16.58                  | 6.38 | 9.22  | 754   |
|            | T15CA017                                       | D-9R     | POWERSHIFT (WITH SEMI-U BLADE)          | 405 HP                         | D-off   | \$512,776      | 84.62                         | 20.16   | 22.79                  | 8.77 | 12.25 | 1,030 |
|            | <b>FIATALLIS</b>                               |          |   |                                |         |                |                               |         |                        |      |       |       |
|            | T15FI016                                       | FD255    | POWERSHIFT (WITH HYDR SEMI-U BLADE)     | 241 HP                         | D-off   | \$229,908      | 40.38                         | 9.04    | 10.22                  | 3.93 | 7.29  | 669   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |          |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       |       |
|------------|--|----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.   | MODEL    | EQUIPMENT DESCRIPTION                      | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  | CWT   |
|            | <b>KOMATSU DRESSER COMPANY</b>                       |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | T15ID006   | TD-25G   | POWERSHIFT (WITH SEMI-U BLADE)             | 320 HP                         | D-off   | \$436,740      | 71.05                         | 17.18   | 19.41                  | 7.47  | 9.68  | 731   |
|            | <b>KOMATSU DRESSER COMPANY</b>                       |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | T15KM008   | D155AX-3 | POWERSHIFT (WITH SEMI-U BLADE)             | 302 HP                         | D-off   | \$449,004      | 71.93                         | 17.66   | 19.96                  | 7.68  | 9.13  | 748   |
|            | T15KM012   | D275A-2  | POWERSHIFT (WITH SEMI-U BLADE)             | 405 HP                         | D-off   | \$614,259      | 98.07                         | 24.16   | 27.30                  | 10.51 | 12.25 | 1,118 |
|            | <b>SUBCATEGORY 0.03 OVER 425 HP</b>                  |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>CATERPILLAR, INC.</b>                             |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | T15CA018   | D-10R    | POWERSHIFT (WITH SEMI-U BLADE)             | 570 HP                         | D-off   | \$694,695      | 105.13                        | 24.76   | 26.84                  | 11.34 | 17.24 | 1,366 |
|            | T15CA019   | D-11R    | POWERSHIFT W/CAB (WITH SEMI-U BLADE)       | 850 HP                         | D-off   | \$1,125,321    | 167.38                        | 40.11   | 43.48                  | 18.37 | 25.70 | 1,998 |
|            | <b>KOMATSU DRESSER COMPANY</b>                       |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | T15ID008   | TD-40B   | POWERSHIFT (WITH SEMI-U BLADE)             | 520 HP                         | D-off   | \$694,988      | 103.18                        | 24.77   | 26.85                  | 11.35 | 15.72 | 1,229 |
|            | <b>KOMATSU DRESSER COMPANY</b>                       |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | T15KM011   | D475A-2  | POWERSHIFT (WITH SEMI-U BLADE)             | 770 HP                         | D-off   | \$1,238,609    | 177.69                        | 44.15   | 47.86                  | 20.22 | 23.28 | 1,975 |
| <b>T20</b> | <b>TRACTORS, WHEEL TYPE (DOZER)</b>                  |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>SUBCATEGORY 0.00 TRACTORS, WHEEL TYPE (DOZER)</b> |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>CATERPILLAR, INC.</b>                             |          |  |                                |         |                |                               |         |                        |       |       |       |
|            | T20CA001   | 814-B F  | POWERSHIFT (WITH STRAIGHT BLADE,<br>ARTIC) | 220 HP                         | D-off   | \$260,858      | 49.62                         | 13.38   | 17.92                  | 4.42  | 6.10  | 365   |
|            | T20CA002   | 824-G    | POWERSHIFT (WITH STRAIGHT BLADE,<br>ARTIC) | 315 HP                         | D-off   | \$373,346      | 71.91                         | 19.02   | 25.39                  | 6.33  | 8.73  | 576   |
|            | T20CA003   | 834-B    | POWERSHIFT (WITH STRAIGHT BLADE,<br>ARTIC) | 450 HP                         | D-off   | \$566,482      | 108.89                        | 28.74   | 38.28                  | 9.60  | 12.47 | 906   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10     |       |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|--|---------------|-------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|  | ID.NO.        | MODEL | EQUIPMENT DESCRIPTION                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|  |               |       |  |                                |         |                |                               |         |                        |      |       |     |
| <b>T25 TRACTORS, AGRICULTURAL</b>                    |               |       |  |                                |         |                |                               |         |                        |      |       |     |
| <b>SUBCATEGORY 0.10 CRAWLER</b>                      |               |       |  |                                |         |                |                               |         |                        |      |       |     |
| <b>CATERPILLAR, INC.</b>                             |               |       |  |                                |         |                |                               |         |                        |      |       |     |
| T25CA001   | D6E SR        |       | CRAWLER, 155-216 HP, & 3 PT HITCH        | 216 HP                         | D-off   | \$183,113      | 43.08                         | 10.94   | 15.56                  | 3.16 | 5.99  | 340 |
| T25CA002   | CH 65D        |       | CRAWLER, RUBBER TRACKS, & 3 PT HITCH     | 300 HP                         | D-off   | \$164,604      | 42.72                         | 9.84    | 13.99                  | 2.84 | 8.32  | 363 |
| T25CA004   | CH 75D        |       | CRAWLER, RUBBER TRACKS, & 3 PT HITCH     | 330 HP                         | D-off   | \$180,578      | 46.90                         | 10.79   | 15.35                  | 3.11 | 9.15  | 369 |
| T25CA005   | CH 85D        |       | CRAWLER, 325-355 HP, RUBBER TRACKS       | 355 HP                         | D-off   | \$182,193      | 48.14                         | 10.89   | 15.49                  | 3.14 | 9.84  | 352 |
| <b>SUBCATEGORY 0.20 WHEEL</b>                        |               |       |  |                                |         |                |                               |         |                        |      |       |     |
| <b>DEERE &amp; COMPANY</b>                           |               |       |  |                                |         |                |                               |         |                        |      |       |     |
| T25JD005   | 5200          |       | AGRICULTURAL, 2X4 (NO ATTACHMENTS)       | 40 HP                          | D-off   | \$20,163       | 6.37                          | 1.38    | 2.04                   | 0.36 | 1.11  | 43  |
| T25JD006   | 5400          |       | AGRICULTURAL, 2X4 (NO ATTACHMENTS)       | 60 HP                          | D-off   | \$25,690       | 8.46                          | 1.74    | 2.58                   | 0.45 | 1.66  | 46  |
| T25JD007   | 6400          |       | AGRICULTURAL, 2X4 (NO ATTACHMENTS)       | 85 HP                          | D-off   | \$35,900       | 12.00                         | 2.41    | 3.56                   | 0.63 | 2.36  | 76  |
| T25JD008   | 7410          |       | AGRICULTURAL, 4X4 (NO ATTACHMENTS)       | 105 HP                         | D-off   | \$52,051       | 16.41                         | 3.60    | 5.36                   | 0.92 | 2.91  | 74  |
| T25JD009   | 7710          |       | AGRICULTURAL, 4X4 (NO ATTACHMENTS)       | 130 HP                         | D-off   | \$67,729       | 21.03                         | 4.71    | 7.03                   | 1.20 | 3.60  | 89  |
| T25JD010   | 8100          |       | AGRICULTURAL, 4X4 (NO ATTACHMENTS)       | 160 HP                         | D-off   | \$89,788       | 27.57                         | 6.17    | 9.17                   | 1.59 | 4.44  | 179 |
| T25JD011   | 8300          |       | AGRICULTURAL, 4X4 (NO ATTACHMENTS)       | 200 HP                         | D-off   | \$107,623      | 33.26                         | 7.44    | 11.07                  | 1.90 | 5.54  | 185 |
| T25JD012   | 9200          |       | AGRICULTURAL, 4X4 (NO ATTACHMENTS)       | 310 HP                         | D-off   | \$121,549      | 41.35                         | 7.96    | 11.63                  | 2.15 | 8.59  | 310 |
| T25JD013   | 9400          |       | AGRICULTURAL, 4X4 (NO ATTACHMENTS)       | 425 HP                         | D-off   | \$156,089      | 53.80                         | 10.41   | 15.30                  | 2.76 | 11.78 | 338 |
| <b>T30 TRENCHERS, CHAIN TYPE CUTTER</b>              |               |       |  |                                |         |                |                               |         |                        |      |       |     |
| <b>SUBCATEGORY 0.00 TRENCHERS, CHAIN TYPE CUTTER</b> |               |       |  |                                |         |                |                               |         |                        |      |       |     |
| <b>CASE CORPORATION</b>                              |               |       |  |                                |         |                |                               |         |                        |      |       |     |
| T30CS003   | MAX SNEAKER C |       | 36" DEEP X 6" WIDE, 4X4                  | 34 HP                          | D-off   | \$23,057       | 7.36                          | 1.54    | 2.25                   | 0.42 | 0.94  | 24  |
| T30CS004   | 360           |       | 60" DEEP X 14" WIDE, 4X4, WITH BLADE     | 30 HP                          | D-off   | \$26,440       | 8.10                          | 1.73    | 2.49                   | 0.48 | 0.83  | 39  |
| T30CS005   | 460           |       | 60" DEEP X 16" WIDE, 4X4X4, W/BH & BLADE | 34 HP                          | D-off   | \$32,683       | 9.90                          | 2.16    | 3.12                   | 0.60 | 0.94  | 57  |
| T30CS006   | 560           |       | 72" DEEP X 16" WIDE, 4X4X4, W/BH & BLADE | 46 HP                          | D-off   | \$44,987       | 13.59                         | 2.99    | 4.34                   | 0.82 | 1.28  | 70  |
| T30CS007   | 660           |       | 72" DEEP X 16" WIDE, 4X4X4, W/BH & BLADE | 56 HP                          | D-off   | \$50,205       | 15.33                         | 3.34    | 4.86                   | 0.91 | 1.55  | 103 |
| T30CS008   | 860           |       | 84" DEEP X 18" WIDE, 4X4X4, W/BH & BLADE | 79 HP                          | D-off   | \$85,310       | 25.45                         | 5.67    | 8.24                   | 1.55 | 2.19  | 127 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                     | REGION 10    |       |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       |       |
|-------------------------|--------------|-------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|                         | ID.NO.       | MODEL | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  | CWT   |
| <b>DITCH WITCH</b>      |              |       |   |                                |         |                |                               |         |                        |       |       |       |
| T30DW012                | 1220         |       | 36" DEEP X 6" WIDE,WALK BEHIND  | 13 HP                          | G       | \$7,705        | 3.64                          | 0.52    | 0.76                   | 0.14  | 1.18  | 8     |
| T30DW013                | 1820         |       | 48" DEEP X 16" WIDE,WALK BEHIND   | 18 HP                          | G       | \$11,533       | 5.27                          | 0.77    | 1.12                   | 0.21  | 1.64  | 13    |
| T30DW014                | 3610         |       | 60" DEEP X 16" WIDE, 4X4 (WITH BLADE)                                     | 35 HP                          | D-off   | \$27,455       | 8.56                          | 1.79    | 2.59                   | 0.50  | 0.97  | 39    |
| T30DW005                | 3500         |       | 63" DEEP X 12" WIDE, 4X4 (W/DBL PIVOT)                                    | 44 HP                          | D-off   | \$29,523       | 9.45                          | 1.94    | 2.80                   | 0.54  | 1.22  | 42    |
| T30DW015                | 4500         |       | 52" DEEP X 12" WIDE, 4X4 (WITH BLADE)                                     | 52 HP                          | D-off   | \$39,708       | 12.41                         | 2.63    | 3.81                   | 0.72  | 1.44  | 45    |
| T30DW016                | 5110         |       | 80" DEEP X 24" WIDE, 4X4 (WITH BLADE)                                     | 53 HP                          | D-off   | \$43,923       | 13.56                         | 2.95    | 4.29                   | 0.80  | 1.47  | 49    |
| T30DW017                | 7610         |       | 90" DEEP X 24" WIDE, 4X4 (WITH BLADE)                                     | 74 HP                          | D-off   | \$50,531       | 16.10                         | 3.37    | 4.90                   | 0.92  | 2.05  | 58    |
| T30DW018                | 8020         |       | 90" DEEP X 30" WIDE, 4X4 (WITH BLADE)                                     | 78 HP                          | D-off   | \$63,405       | 19.63                         | 4.24    | 6.18                   | 1.15  | 2.16  | 66    |
| T30DW011                | HT100        |       | 69" DEEP X 8" WIDE, 4X4 (W/BLADE,CWLR)                                    | 106 HP                         | D-off   | \$132,158      | 38.79                         | 9.02    | 13.22                  | 2.41  | 2.94  | 158   |
| T30DW010                | R100         |       | 96" DEEP X 24" WIDE, 4X4 (W/BLADE)  | 106 HP                         | D-off   | \$111,691      | 33.45                         | 7.35    | 10.63                  | 2.03  | 2.94  | 95    |
| <b>TESMEC USA, INC.</b> |              |       |   |                                |         |                |                               |         |                        |       |       |       |
| T30TM002                | TRS 900-B    |       | 4' DEEP X 12" WIDE, CHAINSAW, CRAWLER<br>(WITH CRUMBSHOE)                 | 185 HP                         | D-off   | \$233,958      | 68.55                         | 15.96   | 23.40                  | 4.26  | 5.13  | 405   |
| T30TM003                | TRS 900-B    |       | 8' DEEP X 24" WIDE, CHAINSAW, CRAWLER<br>(WITH CRUMBSHOE)                 | 185 HP                         | D-off   | \$250,433      | 72.88                         | 17.08   | 25.04                  | 4.56  | 5.13  | 425   |
| T30TM005                | TRS 900-B-SL |       | 4' DEEP X 12" WIDE, CHAINSAW, CRAWLER<br>(W/CRUMBSHOE) SELF LEVEL         | 185 HP                         | D-off   | \$260,913      | 75.64                         | 17.80   | 26.09                  | 4.75  | 5.13  | 430   |
| T30TM006                | TRS 900-B-SL |       | 8' DEEP X 24" WIDE, CHAINSAW, CRAWLER<br>(W/CRUMBSHOE) SELF LEVEL         | 185 HP                         | D-off   | \$280,102      | 80.69                         | 19.11   | 28.01                  | 5.10  | 5.13  | 450   |
| T30TM007                | TRS 900-SLO  |       | 4' DEEP X 12" WIDE, CHAINSAW, CRAWLER<br>(W/CRUMBSHOE) SELF LEVEL, OFFSET | 240 HP                         | D-off   | \$312,769      | 91.37                         | 21.34   | 31.28                  | 5.70  | 6.65  | 450   |
| T30TM008                | TRS 900-SLO  |       | 6' DEEP X 18" WIDE, CHAINSAW, CRAWLER<br>(W/CRUMBSHOE) SELF LEVEL, OFFSET | 240 HP                         | D-off   | \$324,900      | 94.56                         | 22.16   | 32.49                  | 5.92  | 6.65  | 470   |
| T30TM012                | TRS 1100     |       | 8' DEEP X 26" WIDE, CHAINSAW, CRAWLER<br>(WITH CRUMBSHOE)                 | 350 HP                         | D-off   | \$430,113      | 126.40                        | 29.34   | 43.01                  | 7.84  | 9.70  | 850   |
| T30TM010                | TRS 1000-B   |       | 10' DEEP X 30" WIDE, CHAINSAW, CRAWLER<br>(WITH CRUMBSHOE)                | 270 HP                         | D-off   | \$363,154      | 105.77                        | 24.78   | 36.32                  | 6.62  | 7.48  | 650   |
| T30TM014                | TRS 1300     |       | 10' DEEP X 26" WIDE, CHAINSAW, CRAWLER<br>(WITH CRUMBSHOE)                | 503 HP                         | D-off   | \$660,353      | 192.77                        | 45.05   | 66.04                  | 12.03 | 13.94 | 1,550 |
| T30TM013                | TRS 1300     |       | 14' DEEP X 42" WIDE, CHAINSAW, CRAWLER<br>(WITH CRUMBSHOE)                | 402 HP                         | D-off   | \$673,926      | 192.53                        | 45.98   | 67.39                  | 12.28 | 11.14 | 1,550 |
| T30TM015                | TRS 1300     |       | 16' DEEP X 42" WIDE, CHAINSAW, CRAWLER<br>(WITH CRUMBSHOE)                | 503 HP                         | D-off   | \$697,454      | 202.53                        | 47.58   | 69.75                  | 12.70 | 13.94 | 1,550 |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |              |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|--|--------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.   | MODEL        | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |  |              |  |                                |         |                |                               |         |                        |      |      |     |
| <b>T30</b> | <b>TESMEC USA, INC. (continued)</b>                  |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | T30TM001   | TRS 900-A    | 3' DEEP X 4"-8" WIDE, ROCKSAW, CRAWLER<br>(WITH CRUMBSHOE)         | 185 HP                         | D-off   | \$229,917      | 67.49                         | 15.68   | 22.99                  | 4.19 | 5.13 | 375 |
|            | T30TM004   | TRS 900-A-SL | 3' DEEP X 4"-8" WIDE, ROCKSAW, CRAWLER<br>(W/CRUMBSHOE) SELF LEVEL | 185 HP                         | D-off   | \$248,231      | 72.30                         | 16.93   | 24.82                  | 4.52 | 5.13 | 400 |
|            | T30TM009   | TRS 1000-A   | 4' DEEP X 5"-12" WIDE, ROCKSAW, CRAWLER<br>(WITH CRUMBSHOE)        | 270 HP                         | D-off   | \$324,853      | 95.68                         | 22.16   | 32.49                  | 5.92 | 7.48 | 550 |
|            | <b>VERMEER MANUFACTURING COMPANY</b>                 |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | T30VE007   | T-455        | 6' DEEP X 7.5"-24" WIDE, HYDROSTATIC                               | 85 HP                          | D-off   | \$113,279      | 33.03                         | 7.72    | 11.33                  | 2.06 | 2.36 | 195 |
|            | T30VE008   | T-555        | 8' DEEP X 8"-24" WIDE, CRAWLER,<br>HYDSTAT                         | 140 HP                         | D-off   | \$190,542      | 55.42                         | 13.00   | 19.05                  | 3.47 | 3.88 | 225 |
|            | T30VE009   | T-655        | 8' DEEP X 10"-24" WIDE, CRAWLER,<br>HYDSTAT                        | 180 HP                         | D-off   | \$280,984      | 80.74                         | 19.17   | 28.10                  | 5.12 | 4.99 | 425 |
|            | T30VE010   | T-755        | 10' DEEP X 14"-36" WIDE, CRAWLER,<br>HYDSTAT                       | 230 HP                         | D-off   | \$356,675      | 102.56                        | 24.34   | 35.67                  | 6.50 | 6.38 | 660 |
| <b>T35</b> | <b>TRENCHERS, WHEEL TYPE CUTTER</b>                  |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.00 TRENCHERS, WHEEL TYPE CUTTER</b> |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>CLEVELAND TRENCHER</b>                            |              |  |                                |         |                |                               |         |                        |      |      |     |
|            | T35CT001   | 9624         | 72" DEEP X 21.5" WIDE, ROUND BKT, CRWLR                            | 140 HP                         | D-off   | \$173,712      | 42.41                         | 10.04   | 13.90                  | 3.09 | 3.88 | 230 |
|            | T35CT002   | 9600-S       | 72" DEEP X 24" WIDE, ROUND BKT, CRWLR                              | 140 HP                         | D-off   | \$201,732      | 48.40                         | 11.66   | 16.14                  | 3.59 | 3.88 | 229 |
|            | T35CT003   | 246-FD       | 84" DEEP X 24" WIDE, ROUND BKT, CRWLR                              | 185 HP                         | D-off   | \$227,087      | 55.52                         | 13.13   | 18.17                  | 4.04 | 5.13 | 320 |
|            | T35CT004   | 7036-HD      | 84" DEEP X 36" WIDE, ROUND BKT, CRWLR                              | 102 HP                         | D-off   | \$213,720      | 49.55                         | 12.36   | 17.10                  | 3.81 | 2.83 | 286 |
|            | T35CT005   | 7036-HD-2    | 84" DEEP X 27.5" WIDE, ROUND BKT, CRWLR                            | 102 HP                         | D-off   | \$212,380      | 49.26                         | 12.27   | 16.99                  | 3.78 | 2.83 | 282 |
|            | T35CT006   | 7036-3       | 84" DEEP X 33.5" WIDE, ROUND BKT, CRWLR                            | 102 HP                         | D-off   | \$202,081      | 47.06                         | 11.69   | 16.17                  | 3.60 | 2.83 | 263 |
|            | T35CT007   | 7036-SD      | 84" DEEP X 36" WIDE, ROUND BKT, CRWLR                              | 102 HP                         | D-off   | \$224,145      | 51.77                         | 12.96   | 17.93                  | 3.99 | 2.83 | 340 |
|            | T35CT008   | 8700-2       | 84" DEEP X 36" WIDE, ROUND BUCKET,<br>CRWLR                        | 150 HP                         | D-off   | \$285,110      | 66.61                         | 16.48   | 22.81                  | 5.08 | 4.16 | 425 |
|            | T35CT009   | 7648-SD      | 90" DEEP X 48" WIDE, ROUND BKT, CRWLR                              | 150 HP                         | D-off   | \$333,830      | 77.03                         | 19.31   | 26.71                  | 5.95 | 4.16 | 455 |
|            | T35CT010   | 7648-SD-4    | 90" DEEP X 42" WIDE, ROUND BKT, CRWLR                              | 150 HP                         | D-off   | \$332,716      | 76.80                         | 19.24   | 26.62                  | 5.93 | 4.16 | 497 |
|            | T35CT011   | 400W-HD      | 108" DEEP X 72" WIDE, ROUND BKT, CRWLR                             | 175 HP                         | D-off   | \$395,655      | 91.19                         | 22.88   | 31.65                  | 7.05 | 4.85 | 672 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10    |       |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|--|--------------|-------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|  | ID.NO.       | MODEL | EQUIPMENT DESCRIPTION                                    | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
| <b>T40 TRUCK OPTIONS</b>   |              |       |  |                                |         |                |                               |         |                        |      |      |     |
| <b>SUBCATEGORY 0.10 CRANES / HOISTS, PERSONNEL &amp; MATERIAL HANDLING</b> |              |       |  |                                |         |                |                               |         |                        |      |      |     |
| <b>AUTO CRANE COMPANY</b>  |              |       |  |                                |         |                |                               |         |                        |      |      |     |
| T40AH001   | A50A         |       | 3.5 TON, W/32' BOOM (ADD 21,000 GVW TRUCK & FLATBED)     |                                |         | \$18,514       | 4.81                          | 1.27    | 1.85                   | 0.34 | 0.00 | 34  |
| T40AH002   | A72A         |       | 5.0 TON, W/32' BOOM (ADD 26,000 GVW TRUCK & FLATBED)     |                                |         | \$22,695       | 5.83                          | 1.54    | 2.27                   | 0.41 | 0.00 | 45  |
| T40AH003   | A95          |       | 6.6 TON, W/36' BOOM (ADD 32,500 GVW TRUCK & FLATBED)     |                                |         | \$32,187       | 8.18                          | 2.20    | 3.22                   | 0.59 | 0.00 | 68  |
| T40AH004   | A125         |       | 8.6 TON, W/41' BOOM (ADD 46,000 GVW TRUCK & FLATBED)     |                                |         | \$35,859       | 9.08                          | 2.44    | 3.59                   | 0.65 | 0.00 | 77  |
| <b>SUBCATEGORY 0.20 DUMP BODY, REAR</b>                                    |              |       |  |                                |         |                |                               |         |                        |      |      |     |
| <b>GALION DUMP BODIES</b>  |              |       |  |                                |         |                |                               |         |                        |      |      |     |
| T40GN001   | PACKAGE 89-F |       | 16-23.5 CY DUMP BODY (WITH HOIST) (ADD 36,000 GVW TRUCK) |                                |         | \$9,682        | 2.23                          | 0.67    | 0.97                   | 0.18 | 0.00 | 42  |
| <b>MIDLAND</b>   |              |       |  |                                |         |                |                               |         |                        |      |      |     |
| T40MY001   | KLEENSIDE    |       | 4.9 CY, AIR GATE (WITH HOIST) (ADD 24,000 GVW TRUCK)     |                                |         | \$4,924        | 1.13                          | 0.33    | 0.49                   | 0.09 | 0.00 | 17  |
| T40MY002   | KLEENSIDE    |       | 7.5 CY, AIR GATE (WITH HOIST) (ADD 27,000 GVW TRUCK)     |                                |         | \$5,370        | 1.24                          | 0.37    | 0.54                   | 0.10 | 0.00 | 21  |
| T40MY003   | KLEENSIDE    |       | 8.9 CY, AIR GATE (WITH HOIST) (ADD 27,000 GVW TRUCK)     |                                |         | \$6,044        | 1.39                          | 0.41    | 0.60                   | 0.11 | 0.00 | 26  |
| T40MY004   | KLEENSIDE    |       | 10.3 CY, AIR GATE (WITH HOIST) (ADD 36,000 GVW TRUCK)    |                                |         | \$6,570        | 1.52                          | 0.45    | 0.66                   | 0.12 | 0.00 | 31  |
| T40MY005   | KLEENSIDE    |       | 13.2 CY, AIR GATE (WITH HOIST) (ADD 36,000 GVW TRUCK)    |                                |         | \$7,411        | 1.71                          | 0.51    | 0.74                   | 0.14 | 0.00 | 33  |
| <b>SUBCATEGORY 0.30 FLATBEDS, WITH SIDES</b>                               |              |       |  |                                |         |                |                               |         |                        |      |      |     |
| <b>KNAPHEIDE MANUFACTURING COMPANY</b>                                     |              |       |  |                                |         |                |                               |         |                        |      |      |     |
| T40KF011   |              |       | 8' X 8', W/SIDE RACKS                                    |                                |         | \$3,030        | 0.65                          | 0.21    | 0.30                   | 0.06 | 0.00 | 11  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT      | REGION 10   |                                |  | ENGINE HORSEPOWER<br>FUEL TYPE |          | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|----------|---|--------------------------------|--|--------------------------------|----------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|          | ID.NO.  | MODEL                          | EQUIPMENT DESCRIPTION                    | MAIN                           | CARRIER  | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|          |   |                                |  |                                |          |                |                               |         |                        |      |      |     |
| T40      | <b>KNAPHEIDE MANUFACTURING COMPANY</b><br>(continued) |                                |  |                                |          |                |                               |         |                        |      |      |     |
|          | T40KF013  |                                | 8' X 10', W/SIDE RACKS                   |                                |          | \$3,254        | 0.70                          | 0.23    | 0.33                   | 0.06 | 0.00 | 14  |
|          | T40KF014  |                                | 8' X 12', W/SIDE RACKS                   |                                |          | \$3,509        | 0.75                          | 0.23    | 0.35                   | 0.06 | 0.00 | 16  |
|          | T40KF016  |                                | 8' X 16', W/SIDE RACKS                   |                                |          | \$4,161        | 0.90                          | 0.29    | 0.42                   | 0.08 | 0.00 | 16  |
|          | T40KF018  |                                | 8' X 20', W/SIDE RACKS                   |                                |          | \$4,999        | 1.07                          | 0.34    | 0.50                   | 0.09 | 0.00 | 18  |
|          | T40KF020  |                                | 8' X 24', W/SIDE RACKS                   |                                |          | \$5,801        | 1.25                          | 0.40    | 0.58                   | 0.11 | 0.00 | 20  |
|          | <b>SUBCATEGORY 0.41 HOIST, ELECTRIC DRIVE</b>         |                                |  |                                |          |                |                               |         |                        |      |      |     |
|          | <b>KNAPHEIDE MANUFACTURING COMPANY</b>                |                                |  |                                |          |                |                               |         |                        |      |      |     |
|          | T40KF021  |                                | FLATBED HOIST, 8' TO 14', 7 TON PTO      |                                |          | \$2,554        | 0.60                          | 0.18    | 0.26                   | 0.05 | 0.00 | 15  |
|          | T40KF022  |                                | FLATBED HOIST, 16' TO 24', 20 TON PTO    |                                |          | \$4,766        | 1.10                          | 0.33    | 0.48                   | 0.09 | 0.00 | 18  |
|          | T40KF023  |                                | FLATBED HOIST, 16' TO 24', 7 TON, ELECT  |                                |          | \$3,145        | 0.77                          | 0.22    | 0.31                   | 0.06 | 0.00 | 4   |
|          | T40KF024  |                                | FLATBED HOIST, 16' TO 24', 14 TON, ELECT |                                |          | \$3,670        | 0.90                          | 0.26    | 0.37                   | 0.07 | 0.00 | 6   |
|          | <b>SUBCATEGORY 0.50 TRANSIT MIXERS</b>                |                                |  |                                |          |                |                               |         |                        |      |      |     |
|          | <b>LONDON MACHINERY INC.</b>                          |                                |  |                                |          |                |                               |         |                        |      |      |     |
|          | T40LN004  | SERIES 60                      | 8.5 CY TRANSIT MIXER                     |                                |          | \$21,880       | 5.66                          | 1.55    | 2.32                   | 0.39 | 0.00 | 1   |
|          | T40LN005  | SERIES 65                      | 9.0 CY TRANSIT MIXER                     |                                |          | \$22,361       | 5.78                          | 1.59    | 2.38                   | 0.40 | 0.00 | 1   |
|          | T40LN006  | SERIES 70                      | 9.5 CY TRANSIT MIXER                     |                                |          | \$22,833       | 5.89                          | 1.62    | 2.43                   | 0.40 | 0.00 | 1   |
|          | T40LN003  | BRIDGE SPAN200                 | 10.0 CY TRANSIT MIXER                    |                                |          | \$33,041       | 8.31                          | 2.30    | 3.44                   | 0.58 | 0.00 | 1   |
|          | T40LN007  | SERIES 80                      | 10.5 CY TRANSIT MIXER                    |                                |          | \$23,654       | 6.08                          | 1.67    | 2.51                   | 0.42 | 0.00 | 1   |
|          | T40LN008  | SERIES 85                      | 11.5 CY TRANSIT MIXER                    |                                |          | \$24,503       | 6.27                          | 1.73    | 2.60                   | 0.43 | 0.00 | 1   |
|          | T40LN009  | SERIES 90                      | 12.0 CY TRANSIT MIXER                    |                                |          | \$24,909       | 6.38                          | 1.76    | 2.65                   | 0.44 | 0.00 | 1   |
|          | T40LN010  | SERIES 90 LP                   | 12.0 CY TRANSIT MIXER                    |                                |          | \$24,909       | 6.38                          | 1.76    | 2.65                   | 0.44 | 0.00 | 1   |
|          | T40LN011  | SERIES 100                     | 13.0 CY TRANSIT MIXER                    |                                |          | \$25,446       | 6.50                          | 1.80    | 2.70                   | 0.45 | 0.00 | 1   |
|          | <b>SUBCATEGORY 0.60 WATER TANKS</b>                   |                                |  |                                |          |                |                               |         |                        |      |      |     |
|          | <b>ROSCO MANUFACTURING COMPANY</b>                    |                                |  |                                |          |                |                               |         |                        |      |      |     |
|          | T40RS001  |                                | 2,000 GAL (ADD 28,000 GVW TRK)           |                                |          | \$16,926       | 3.62                          | 1.16    | 1.69                   | 0.31 | 0.00 | 38  |
|          | T40RS002  |                                | 3,000 GAL (ADD 40,000 GVW TRK)           |                                |          | \$19,683       | 4.22                          | 1.35    | 1.97                   | 0.36 | 0.00 | 45  |
| T40RS003 |   | 4,000 GAL (ADD 50,000 GVW TRK) |  |                                | \$21,798 | 4.67           | 1.49                          | 2.18    | 0.40                   | 0.00 | 55   |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                       | REGION 10                                 |            |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|---------------------------|---|------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|                           | ID.NO.                                    | MODEL      | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|                           | <b>SUBCATEGORY 0.70 ALL OTHER OPTIONS</b> |            |  |                                |         |                |                               |         |                        |      |      |     |
|                           | <b>WALKER MANUFACTURING COMPANY, INC.</b> |            |  |                                |         |                |                               |         |                        |      |      |     |
|                           | T40WL001                                  | 8-13000    | GUILLOTINE CONCRETE BREAKER 8' 3" WIDE,<br>10' HIGH, 15' 6" LONG (ADD 46,000 GVW<br>TRUCK + FLATBED) | 140 HP                         | D-off   | \$107,408      | 30.20                         | 7.33    | 10.74                  | 1.96 | 3.88 | 275 |
| <b>T45 TRUCK TRAILERS</b> |   |            |  |                                |         |                |                               |         |                        |      |      |     |
|                           | <b>SUBCATEGORY 0.10 BOTTOM DUMP</b>       |            |  |                                |         |                |                               |         |                        |      |      |     |
|                           | <b>MIDLAND</b>                            |            |  |                                |         |                |                               |         |                        |      |      |     |
|                           | T45MY001                                  | CLAMSHELL  | 12.8 CY, 16 TON, 29' TANDEM, 2 AXLE  |                                |         | \$23,126       | 5.08                          | 1.21    | 1.62                   | 0.40 | 0.00 | 105 |
|                           | T45MY002                                  | CLAMSHELL  | 13.3 CY, 17 TON, 32' TANDEM, 2 AXLE  |                                |         | \$23,620       | 5.18                          | 1.24    | 1.66                   | 0.41 | 0.00 | 116 |
|                           | T45MY003                                  | CLAMSHELL  | 14.4 CY, 19 TON, 40' TANDEM, 2 AXLE  |                                |         | \$26,729       | 5.78                          | 1.43    | 1.93                   | 0.46 | 0.00 | 145 |
|                           | T45MY004                                  | CLAMSHELL  | 20.0 CY, 26 TON, 42' TANDEM, 2 AXLE  |                                |         | \$27,918       | 6.00                          | 1.49    | 2.03                   | 0.48 | 0.00 | 152 |
|                           | T45MY005                                  | CLAMSHELL  | 21.9 CY, 30 TON, 38' TRIAXLE   |                                |         | \$29,255       | 6.44                          | 1.48    | 1.97                   | 0.50 | 0.00 | 138 |
|                           | T45MY006                                  | CLAMSHELL  | 22.7 CY, 30 TON, 40' TRIAXLE   |                                |         | \$29,981       | 6.59                          | 1.53    | 2.03                   | 0.52 | 0.00 | 145 |
|                           | T45MY007                                  | CLAMSHELL  | 24.6 CY, 32 TON, 42' TRIAXLE   |                                |         | \$31,138       | 6.81                          | 1.61    | 2.13                   | 0.54 | 0.00 | 152 |
|                           | T45MY008                                  | CROSS DUMP | 19.4 CY, 25 TON, 29' TANDEM, 2 AXLE  |                                |         | \$20,996       | 4.67                          | 1.08    | 1.44                   | 0.36 | 0.00 | 105 |
|                           | T45MY009                                  | CROSS DUMP | 20.1 CY, 26 TON, 32' TANDEM, 2 AXLE  |                                |         | \$21,508       | 4.78                          | 1.12    | 1.49                   | 0.37 | 0.00 | 116 |
|                           | T45MY010                                  | CROSS DUMP | 21.4 CY, 28 TON, 40' TANDEM, 2 AXLE  |                                |         | \$23,771       | 5.21                          | 1.25    | 1.68                   | 0.41 | 0.00 | 145 |
|                           | T45MY011                                  | CROSS DUMP | 21.7 CY, 28 TON, 42' TANDEM, 2 AXLE  |                                |         | \$24,928       | 5.44                          | 1.32    | 1.78                   | 0.43 | 0.00 | 152 |
|                           | T45MY012                                  | CROSS DUMP | 20.4 CY, 26 TON, 38' TRIAXLE   |                                |         | \$26,612       | 5.94                          | 1.34    | 1.75                   | 0.46 | 0.00 | 138 |
|                           | T45MY013                                  | CROSS DUMP | 21.3 CY, 28 TON, 40' TRIAXLE   |                                |         | \$27,172       | 6.04                          | 1.37    | 1.79                   | 0.47 | 0.00 | 145 |
|                           | T45MY014                                  | CROSS DUMP | 24.6 CY, 32 TON, 42' TRIAXLE   |                                |         | \$28,329       | 6.27                          | 1.44    | 1.89                   | 0.49 | 0.00 | 152 |
|                           | <b>NO SPECIFIC MANUFACTURER</b>           |            |  |                                |         |                |                               |         |                        |      |      |     |
|                           | T45XX001                                  |            | 18 CY, 27 TON  |                                |         | \$35,693       | 7.44                          | 2.04    | 2.85                   | 0.62 | 0.00 | 122 |
|                           | T45XX002                                  |            | 20 CY, 30 TON  |                                |         | \$42,290       | 8.70                          | 2.44    | 3.41                   | 0.73 | 0.00 | 140 |
|                           | T45XX003                                  |            | 30 CY, 30 TON  |                                |         | \$42,900       | 8.82                          | 2.48    | 3.47                   | 0.74 | 0.00 | 160 |
|                           | T45XX004                                  |            | 28 CY, 42 TON  |                                |         | \$51,009       | 10.53                         | 2.88    | 3.99                   | 0.88 | 0.00 | 180 |
|                           | T45XX005                                  |            | 20 CY, 35 TON, OFF-HIGHWAY   |                                |         | \$59,802       | 12.14                         | 3.44    | 4.82                   | 1.03 | 0.00 | 175 |
|                           | T45XX006                                  |            | 32 CY, 55 TON, OFF-HIGHWAY   |                                |         | \$125,997      | 26.03                         | 6.83    | 9.31                   | 2.17 | 0.00 | 365 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT   | REGION 10                                   |   |                                    | ENGINE HORSEPOWER<br>FUEL TYPE |          | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|---|---|---|------------------------------------|--------------------------------|----------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|   | ID.NO.                                      | MODEL   | EQUIPMENT DESCRIPTION              | MAIN                           | CARRIER  | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
| T45   | <i>NO SPECIFIC MANUFACTURER (continued)</i> |   |                                    |                                |          |                |                               |         |                        |      |      |     |
|   | T45XX007                                    |   | 43 CY, 70 TON, OFF-HIGHWAY         |                                |          | \$140,735      | 28.86                         | 7.71    | 10.56                  | 2.43 | 0.00 | 445 |
|   | <b>SUBCATEGORY 0.20 END DUMP</b>            |   |                                    |                                |          |                |                               |         |                        |      |      |     |
|   | <b>FRUEHAUF TRAILER CORPORATION</b>         |   |                                    |                                |          |                |                               |         |                        |      |      |     |
|   | T45FH001                                    | DFSL24-33   | 17 CY, END DUMP TRAILER            |                                |          | \$25,251       | 4.92                          | 1.41    | 1.94                   | 0.44 | 0.00 | 98  |
|   | <b>MIDLAND</b>                              |   |                                    |                                |          |                |                               |         |                        |      |      |     |
|   | T45MY015                                    | XL 2000-24'   | 28 CY, 36 TON, 2 AXLE (WITH HOIST) |                                |          | \$22,847       | 5.01                          | 1.19    | 1.60                   | 0.39 | 0.00 | 115 |
|   | T45MY016                                    | XL 2000-29'   | 28 CY, 36 TON, 2 AXLE (WITH HOIST) |                                |          | \$24,671       | 5.35                          | 1.30    | 1.75                   | 0.43 | 0.00 | 130 |
|   | T45MY017                                    | XL 3000-35'   | 34 CY, 44 TON, 3 AXLE (WITH HOIST) |                                |          | \$28,233       | 6.21                          | 1.44    | 1.89                   | 0.49 | 0.00 | 170 |
|   | <b>NO SPECIFIC MANUFACTURER</b>             |   |                                    |                                |          |                |                               |         |                        |      |      |     |
|   | T45XX008                                    |   | 20 CY, 24 TON                      |                                |          | \$47,186       | 9.35                          | 2.73    | 3.83                   | 0.81 | 0.00 | 146 |
|   | <b>SUBCATEGORY 0.30 PUP TRAILER</b>         |   |                                    |                                |          |                |                               |         |                        |      |      |     |
|   | <b>MIDLAND</b>                              |   |                                    |                                |          |                |                               |         |                        |      |      |     |
|   | T45MY018                                    | PONY PUP  | 10 CY, 13 TON, 2 AXLE (WITH HOIST) |                                |          | \$17,437       | 4.47                          | 1.02    | 1.42                   | 0.31 | 0.00 | 80  |
|   | <b>NO SPECIFIC MANUFACTURER</b>             |   |                                    |                                |          |                |                               |         |                        |      |      |     |
|   | T45XX009                                    |   | 8 CY, LONG TONGUE                  |                                |          | \$28,013       | 6.70                          | 1.88    | 2.75                   | 0.50 | 0.00 | 86  |
|   | T45XX010                                    |   | 10 CY, LONG TONGUE                 |                                |          | \$28,221       | 6.74                          | 1.89    | 2.77                   | 0.50 | 0.00 | 86  |
| <b>SUBCATEGORY 0.41 LOWBOY, RIGID NECK, DROP DECK</b> |   |   |                                    |                                |          |                |                               |         |                        |      |      |     |
| <b>EAGER BEAVER</b>                                   |   |   |                                    |                                |          |                |                               |         |                        |      |      |     |
| T45EA006  | GSL   | 35 TON, DETATCHABLE GOOSENECK, 2 AXLE,<br>2 AXLE, 8'6"W X 22' L |                                    |                                | \$28,570 | 4.97           | 1.30                          | 1.52    | 0.54                   | 0.00 | 150  |     |
| T45EA007  | 50GSL/3                                     | 50 TON, DETATCHABLE GOOSENECK, 3 AXLE,<br>3 AXLE, 8'6"W X 24' L |                                    |                                | \$45,071 | 7.83           | 2.08                          | 2.44    | 0.86                   | 0.00 | 205  |     |
| <b>NO SPECIFIC MANUFACTURER</b>                       |   |   |                                    |                                |          |                |                               |         |                        |      |      |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                       |               |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|------------|---|---------------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL         | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
| <b>T45</b> | <b>NO SPECIFIC MANUFACTURER (continued)</b>     |               |   |                                |         |                |                               |         |                        |      |      |     |
|            | T45XX011  |               | 25 TON, 2 AXLE  |                                |         | \$27,763       | 4.86                          | 1.42    | 1.78                   | 0.53 | 0.00 | 89  |
|            | T45XX012  |               | 30 TON, 2 AXLE  |                                |         | \$30,990       | 5.34                          | 1.59    | 2.01                   | 0.59 | 0.00 | 94  |
|            | T45XX013  |               | 35 TON, 2 AXLE  |                                |         | \$33,878       | 5.81                          | 1.73    | 2.19                   | 0.64 | 0.00 | 109 |
|            | T45XX014  |               | 35 TON, 3 AXLE  |                                |         | \$39,093       | 6.80                          | 1.99    | 2.49                   | 0.74 | 0.00 | 134 |
|            | T45XX015  |               | 40 TON, 3 AXLE  |                                |         | \$40,846       | 7.06                          | 2.09    | 2.63                   | 0.77 | 0.00 | 144 |
|            | T45XX016  |               | 50 TON, 3 AXLE  |                                |         | \$46,965       | 8.03                          | 2.40    | 3.02                   | 0.89 | 0.00 | 161 |
|            | T45XX017  |               | 60 TON, 3 AXLE  |                                |         | \$50,886       | 8.82                          | 2.54    | 3.15                   | 0.97 | 0.00 | 188 |
|            | T45XX018  |               | 70 TON, 3 AXLE  |                                |         | \$61,647       | 10.47                         | 3.13    | 3.91                   | 1.17 | 0.00 | 213 |
|            | T45XX019  |               | 75 TON, 3 AXLE  |                                |         | \$63,645       | 10.78                         | 3.23    | 4.05                   | 1.21 | 0.00 | 228 |
|            | T45XX020  |               | 80 TON, 4 AXLE  |                                |         | \$72,615       | 12.18                         | 3.74    | 4.72                   | 1.38 | 0.00 | 266 |
|            | T45XX021  |               | 90 TON, 4 AXLE  |                                |         | \$78,359       | 13.17                         | 4.00    | 5.03                   | 1.49 | 0.00 | 297 |
|            | T45XX022  |               | 100 TON, 4 AXLE   |                                |         | \$87,326       | 14.68                         | 4.45    | 5.57                   | 1.66 | 0.00 | 313 |
|            | T45XX023  |               | 120 TON, 4 AXLE   |                                |         | \$101,330      | 16.97                         | 5.13    | 6.42                   | 1.92 | 0.00 | 351 |
|            | T45XX024  |               | HELPER DOLLY (60 TON TRAILER MAX)                               |                                |         | \$23,889       | 3.97                          | 1.20    | 1.49                   | 0.45 | 0.00 | 62  |
|            | <b>SUBCATEGORY 0.50 FLATBED TRAILER</b>         |               |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>FRUEHAUF TRAILER CORPORATION</b>             |               |   |                                |         |                |                               |         |                        |      |      |     |
|            | T45FH002  | SELECT SERIES | 48' LONG, 2 AXLE, 80,000 LB. CAPACITY                           |                                |         | \$18,133       | 3.03                          | 0.88    | 1.08                   | 0.34 | 0.00 | 104 |
|            | T45FH003  | PBH-HV DUTY   | 48' LONG, 2 AXLE, 100,000 LB. CAPACITY                          |                                |         | \$18,561       | 3.09                          | 0.91    | 1.11                   | 0.35 | 0.00 | 115 |
|            | <b>NO SPECIFIC MANUFACTURER</b>                 |               |   |                                |         |                |                               |         |                        |      |      |     |
|            | T45XX025  |               | 25 TON, 2 AXLE  |                                |         | \$23,103       | 7.77                          | 1.16    | 1.44                   | 0.44 | 0.00 | 110 |
|            | <b>SUBCATEGORY 0.60 MISCELLANEOUS / UTILITY</b> |               |   |                                |         |                |                               |         |                        |      |      |     |
|            | <b>EAGER BEAVER</b>                             |               |   |                                |         |                |                               |         |                        |      |      |     |
|            | T45EA002  | AP10          | 5 TON, UTILITY, 2 AXLE, 6.5' W X 15' L WITH RAMPS, PINTAL HITCH |                                |         | \$4,862        | 0.86                          | 0.22    | 0.26                   | 0.09 | 0.00 | 22  |
|            | T45EA003  | HDB 10        | 10 TON, UTILITY, 2 AXLE, 8' W X 24' L                           |                                |         | \$9,943        | 1.80                          | 0.43    | 0.48                   | 0.19 | 0.00 | 58  |
|            | T45EA004  | 10TXT         | 10 TON, TILT BED, 2 AXLE, 8' W X 20' L                          |                                |         | \$12,916       | 2.26                          | 0.59    | 0.69                   | 0.25 | 0.00 | 60  |
|            | T45EA005  | 20TXT         | 20 TON, TILT BED, 2 AXLE, 8' W X 24' L                          |                                |         | \$18,742       | 3.47                          | 0.79    | 0.86                   | 0.36 | 0.00 | 80  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10                                    |                                 |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      |     |
|-----|--|---------------------------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|     | ID.NO.                                       | MODEL                           | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL | CWT |
|     |  |                                 |  |                                |         |                |                               |         |                        |      |      |     |
|     | T45TC001                                     | TK6U                            | 3 TON, UTILITY, 2 AXLE, 7'11"W X 12'L                                      |                                |         | \$3,695        | 0.61                          | 0.18    | 0.22                   | 0.07 | 0.00 | 19  |
|     | T45TC002                                     | TK8U                            | 4 TON, UTILITY, 2 AXLE, 7'11.5"W X 14'L                                    |                                |         | \$3,999        | 0.66                          | 0.21    | 0.25                   | 0.08 | 0.00 | 22  |
|     | T45TC003                                     | TK10U                           | 5 TON, UTILITY, 2 AXLE, 7'11.5"W X 16'L                                    |                                |         | \$4,450        | 0.73                          | 0.22    | 0.27                   | 0.08 | 0.00 | 23  |
|     | T45TC004                                     | TK12U                           | 6 TON, UTILITY, 2 AXLE, 9'6"W X 16'L                                       |                                |         | \$5,066        | 0.83                          | 0.26    | 0.31                   | 0.10 | 0.00 | 27  |
|     | T45TC005                                     | TK18U                           | 9 TON, UTILITY, 3 AXLE, 8'6"W X 20'L                                       |                                |         | \$7,039        | 1.12                          | 0.35    | 0.45                   | 0.13 | 0.00 | 38  |
|     | <b>NO SPECIFIC MANUFACTURER</b>              |                                 |  |                                |         |                |                               |         |                        |      |      |     |
|     | T45XX026                                     |                                 | 12 TON, 2 AXLE   |                                |         | \$15,075       | 2.86                          | 0.76    | 0.94                   | 0.29 | 0.00 | 62  |
|     | T45XX027                                     |                                 | 16 TON, 2 AXLE   |                                |         | \$17,212       | 3.25                          | 0.85    | 1.04                   | 0.33 | 0.00 | 65  |
|     | T45XX028                                     |                                 | 20 TON, 2 AXLE   |                                |         | \$18,685       | 3.54                          | 0.90    | 1.10                   | 0.35 | 0.00 | 67  |
|     | <b>SUBCATEGORY 0.70</b>                      | <b>WATER TANKER TRAILER</b>     |  |                                |         |                |                               |         |                        |      |      |     |
|     | <b>NO SPECIFIC MANUFACTURER</b>              |                                 |  |                                |         |                |                               |         |                        |      |      |     |
|     | T45XX029                                     |                                 | 4,000 GAL  | 63 HP                          | D-off   | \$42,571       | 9.45                          | 2.25    | 2.89                   | 0.81 | 1.75 | 120 |
|     | T45XX030                                     |                                 | 5,000 GAL  | 63 HP                          | D-off   | \$45,205       | 9.99                          | 2.35    | 2.98                   | 0.86 | 1.75 | 150 |
|     | T45XX031                                     |                                 | 6,000 GAL  | 63 HP                          | D-off   | \$47,248       | 10.34                         | 2.46    | 3.13                   | 0.90 | 1.75 | 160 |
|     | <b>SUBCATEGORY 0.80</b>                      | <b>DECONTAMINATION FACILITY</b> |  |                                |         |                |                               |         |                        |      |      |     |
|     | <b>HAZCO</b>                                 |                                 |  |                                |         |                |                               |         |                        |      |      |     |
|     | T45HA001                                     |                                 | 24 FOOT, 4 SHOWER UNIT   |                                |         | \$28,205       | 6.69                          | 1.77    | 2.43                   | 0.55 | 0.00 | 35  |
|     | T45HA002                                     |                                 | 30 FOOT, 4 SHOWER UNIT   |                                |         | \$34,045       | 8.07                          | 2.13    | 2.94                   | 0.66 | 0.00 | 45  |
|     | T45HA003                                     |                                 | 40 FOOT, 6 SHOWER UNIT   |                                |         | \$45,396       | 10.67                         | 2.83    | 3.90                   | 0.88 | 0.00 | 60  |
|     | <b>SUBCATEGORY 0.90</b>                      | <b>TANK TRAILERS</b>            |  |                                |         |                |                               |         |                        |      |      |     |
|     | <b>WARNER FRUEHAUF TRAILER COMPANY, INC.</b> |                                 |  |                                |         |                |                               |         |                        |      |      |     |
|     | T45WR001                                     | TEV-F2-R-5500                   | 5500 GAL VAC. TANK TRLR, SA285C PRESS VESSEL STEEL, STRAIGHT FRAME CONSTR. |                                |         | \$51,771       | 9.93                          | 2.70    | 3.44                   | 0.98 | 0.00 | 144 |
|     | T45WR002                                     | TKV-F2-R-5500                   | 5500 GAL VAC. TANK TRLR, T316L S.S VESSEL, STRAIGHT FRAME CONSTR.          |                                |         | \$74,041       | 14.00                         | 3.90    | 5.00                   | 1.40 | 0.00 | 145 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10   |               |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------|---|---------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|            | ID.NO.  | MODEL         | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|            |   |               |  |                                |         |                |                               |         |                        |      |      |     |
| <b>T45</b> | <b>WARNER FRUEHAUF TRAILER COMPANY, INC. (continued)</b>                      |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | T45WR003  | TKX-F2-R-7000 | 7000 GAL INSUL. TANK TRLR, T316L S.S. VESSEL, STRAIGHT FRAME CONSTR.                   |                                |         | \$64,075       | 12.23                         | 3.37    | 4.30                   | 1.22 | 0.00 | 129 |
|            | T45WR004  | TEV-F2-W-5500 | 7000 GAL INSUL. TANK TRLR, T316L S.S. VESSEL, ASYMMETRICAL DOUBLE CONICAL CONSTRUCTION |                                |         | \$51,434       | 9.98                          | 2.69    | 3.42                   | 0.98 | 0.00 | 129 |
|            | T45WR005  | TEV-F2-R-5000 | 5000 GAL CORROSIVE TANK TRLR, T316L S.S. VESSEL, STRAIGHT FRAME CONSTR.                |                                |         | \$51,008       | 9.80                          | 2.67    | 3.39                   | 0.97 | 0.00 | 110 |
| <b>T50</b> | <b>TRUCKS, HIGHWAY (add attachments as required)</b>                          |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>SUBCATEGORY 0.01 0 THRU 10,000 GVW</b>                                     |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>FORD MOTOR COMPANY</b>   |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | T50FO001  | F150          | 4,900 GVW (1/2 TON PICKUP) 4x2   | 117 HP                         | G       | \$14,973       | 7.07                          | 1.06    | 1.56                   | 0.28 | 2.46 | 34  |
|            | T50FO002  | F150          | 6,250 GVW (1/2 TON PICKUP) 4X4   | 117 HP                         | G       | \$17,482       | 7.72                          | 1.25    | 1.83                   | 0.33 | 2.46 | 38  |
|            | T50FO003  | F250 HD       | 8,600 GVW (3/4 TON PICKUP) 4X2   | 117 HP                         | G       | \$16,481       | 7.53                          | 1.15    | 1.68                   | 0.31 | 2.46 | 39  |
|            | T50FO004  | F250 HD       | 8,800 GVW (3/4 TON PICKUP) 4X4   | 137 HP                         | G       | \$18,989       | 8.78                          | 1.34    | 1.95                   | 0.36 | 2.88 | 43  |
|            | T50FO005  | F350          | 10,000 GVW (1 TON PICKUP) 4X2  | 137 HP                         | G       | \$19,663       | 9.00                          | 1.36    | 1.98                   | 0.37 | 2.88 | 44  |
|            | <b>GMC AND CHEVROLET</b>  |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | T50GM001  | S10           | 3,500 GVW (COMPACT PICKUP) 4X2   | 92 HP                          | G       | \$11,608       | 5.54                          | 0.82    | 1.20                   | 0.22 | 1.93 | 26  |
|            | T50GM002  | S10           | 3,825 GVW (COMPACT PICKUP) 4X4   | 110 HP                         | G       | \$14,094       | 6.67                          | 1.00    | 1.47                   | 0.27 | 2.31 | 29  |
|            | T50GM003  | C14           | 5,600 GVW (1/2 TON PICKUP) 4X2   | 140 HP                         | G       | \$14,878       | 7.71                          | 1.06    | 1.55                   | 0.28 | 2.94 | 37  |
|            | T50GM004  | R26           | 8,600 GVW (SUBURBAN) 4X2   | 165 HP                         | G       | \$27,289       | 11.46                         | 1.96    | 2.88                   | 0.52 | 3.47 | 47  |
|            | T50GM005  | V26           | 8,600 GVW (SUBURBAN) 4X4   | 165 HP                         | G       | \$29,869       | 12.12                         | 2.15    | 3.16                   | 0.57 | 3.47 | 50  |
|            | T50GM006  | C24 HD        | 8,600 GVW (3/4 TON PICKUP) 4X2   | 165 HP                         | G       | \$18,053       | 9.32                          | 1.26    | 1.84                   | 0.34 | 3.47 | 40  |
|            | T50GM007  | K24 HD        | 8,600 GVW (3/4 TON PICKUP) 4X4   | 165 HP                         | G       | \$20,705       | 10.03                         | 1.45    | 2.12                   | 0.39 | 3.47 | 44  |
|            | T50GM008  | C34           | 10,000 GVW (1 TON PICKUP) 4X2  | 165 HP                         | G       | \$18,182       | 9.32                          | 1.28    | 1.86                   | 0.35 | 3.47 | 40  |
|            | T50GM009  | K34           | 10,000 GVW (3500 PICKUP) 4X4   | 165 HP                         | G       | \$20,835       | 10.03                         | 1.48    | 2.15                   | 0.40 | 3.47 | 44  |
|            | <b>SUBCATEGORY 0.02 OVER 10,000 THRU 30,000 GVW(CHASSIS ONLY-ADD OPTIONS)</b> |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | <b>FORD MOTOR COMPANY</b>   |               |  |                                |         |                |                               |         |                        |      |      |     |
|            | T50FO006  | F600          | 21,000 GVW, 2 AXLE, 4X2,   | 175 HP                         | G       | \$25,095       | 17.30                         | 1.59    | 2.24                   | 0.47 | 8.58 | 64  |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                 |          |                                    | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|---|----------|------------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                                    | MODEL    | EQUIPMENT DESCRIPTION              | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |   |          |                                    |                                |         |                |                               |         |                        |      |       |     |
| <b>T50</b> | <b>FORD MOTOR COMPANY (continued)</b>     |          |                                    |                                |         |                |                               |         |                        |      |       |     |
|            | T50FO007                                  | F600     | 21,000 GVW, 2 AXLE, 4X2            | 170 HP                         | D-on    | \$27,018       | 11.53                         | 1.72    | 2.42                   | 0.51 | 4.28  | 72  |
|            | T50FO008                                  | F700     | 23,000 GVW, 2 AXLE, 4X2            | 213 HP                         | D-on    | \$26,248       | 12.82                         | 1.67    | 2.35                   | 0.49 | 5.37  | 65  |
|            | T50FO009                                  | F700     | 23,000 GVW, 2 AXLE, 4X2            | 216 HP                         | D-on    | \$28,781       | 13.44                         | 1.84    | 2.59                   | 0.54 | 5.44  | 75  |
|            | T50FO010                                  | F800     | 24,500 GVW, 2 AXLE, 4X2            | 160 HP                         | G       | \$34,774       | 18.33                         | 2.21    | 3.13                   | 0.65 | 7.84  | 74  |
|            | T50FO011                                  | F800     | 24,500 GVW, 2 AXLE, 4X2            | 210 HP                         | D-on    | \$39,500       | 15.70                         | 2.48    | 3.48                   | 0.74 | 5.29  | 83  |
|            | <b>GMC AND CHEVROLET</b>                  |          |                                    |                                |         |                |                               |         |                        |      |       |     |
|            | T50GM011                                  | C6H042   | 25,000 GVW, 2 AXLE, 4X2            | 210 HP                         | G       | \$28,544       | 20.40                         | 1.83    | 2.57                   | 0.54 | 10.29 | 69  |
|            | T50GM013                                  | C7H042   | 27,100 GVW, 2 AXLE, 4X2            | 210 HP                         | G       | \$28,815       | 20.48                         | 1.83    | 2.57                   | 0.54 | 10.29 | 72  |
|            | T50GM017                                  | W4T042   | 14,250 GVW, 2 AXLE, 4X2            | 135 HP                         | D-on    | \$21,533       | 9.14                          | 1.38    | 1.95                   | 0.40 | 3.40  | 45  |
|            | T50GM012                                  | C6H042   | 25,000 GVW, 2 AXLE, 4X2            | 170 HP                         | D-on    | \$33,035       | 12.78                         | 2.12    | 2.99                   | 0.62 | 4.28  | 76  |
|            | T50GM014                                  | C7H042   | 27,100 GVW, 2 AXLE, 4X2            | 170 HP                         | D-on    | \$33,838       | 13.04                         | 2.13    | 3.00                   | 0.63 | 4.28  | 79  |
|            | <b>HINO DIESEL TRUCKS</b>                 |          |                                    |                                |         |                |                               |         |                        |      |       |     |
|            | T50HN001                                  | FA1517/1 | 15,000 GVW, 2 AXLE, 4X2            | 168 HP                         | D-on    | \$30,048       | 12.09                         | 1.91    | 2.70                   | 0.56 | 4.23  | 59  |
|            | T50HN002                                  | FB1817/2 | 17,600 GVW, 2 AXLE, 4X2            | 168 HP                         | D-on    | \$32,093       | 12.52                         | 2.05    | 2.90                   | 0.60 | 4.23  | 62  |
|            | T50HN003                                  | FD2220/5 | 22,300 GVW, 2 AXLE, 4X2            | 200 HP                         | D-on    | \$41,473       | 15.61                         | 2.65    | 3.74                   | 0.78 | 5.04  | 82  |
|            | T50HN004                                  | FE2620/8 | 25,995 GVW, 2 AXLE, 4X2            | 200 HP                         | D-on    | \$44,131       | 16.50                         | 2.74    | 3.82                   | 0.83 | 5.04  | 96  |
|            | T50HN005                                  | FF3020/8 | 30,000 GVW, 2 AXLE, 4X2            | 200 HP                         | D-on    | \$49,459       | 17.61                         | 3.09    | 4.32                   | 0.93 | 5.04  | 100 |
|            | <b>NAVISTAR INTERNATIONAL CORPORATION</b> |          |                                    |                                |         |                |                               |         |                        |      |       |     |
|            | T50IT002                                  | 4700 SC  | 21,500 GVW, 2 AXLE, 4X2            | 175 HP                         | D-on    | \$39,591       | 14.31                         | 2.54    | 3.60                   | 0.74 | 4.41  | 76  |
|            | T50IT003                                  | 4900 SD  | 25,500 GVW, 2 AXLE, 4X2            | 195 HP                         | D-on    | \$48,326       | 16.80                         | 3.12    | 4.42                   | 0.91 | 4.91  | 83  |
|            | <b>MITSUBISHI FUSO TRUCK OF AMERICA</b>   |          |                                    |                                |         |                |                               |         |                        |      |       |     |
|            | T50MH001                                  | FE639L   | 11,600 GVW, 2 AXLE, 4X2, AUTOMATIC | 135 HP                         | D-on    | \$26,880       | 10.32                         | 1.71    | 2.41                   | 0.50 | 3.40  | 48  |
|            | T50MH002                                  | FE639T   | 13,500 GVW, 2 AXLE, 4X2, AUTOMATIC | 135 HP                         | D-on    | \$27,755       | 10.50                         | 1.77    | 2.49                   | 0.52 | 3.40  | 48  |
|            | T50MH003                                  | FH211T   | 17,198 GVW, 2 AXLE, 4X2, AUTOMATIC | 175 HP                         | D-on    | \$36,725       | 13.72                         | 2.36    | 3.33                   | 0.69 | 4.41  | 63  |
|            | T50MH004                                  | FK617T   | 23,000 GVW, 2 AXLE, 4X2, AUTOMATIC | 200 HP                         | D-on    | \$44,497       | 16.32                         | 2.82    | 3.98                   | 0.83 | 5.04  | 82  |
|            | T50MH005                                  | FM617L   | 25,995 GVW, 2 AXLE, 4X2, AUTOMATIC | 200 HP                         | D-on    | \$47,176       | 16.79                         | 3.02    | 4.28                   | 0.88 | 5.04  | 88  |
|            | T50MH006                                  | FM617T   | 30,000 GVW, 2 AXLE, 4X2, AUTOMATIC | 200 HP                         | D-on    | \$51,009       | 17.92                         | 3.19    | 4.46                   | 0.96 | 5.04  | 90  |
|            | T50MH009                                  | FE649T   | 14,500 GVW, 2 AXLE, 4X2, AUTOMATIC | 145 HP                         | D-on    | \$31,562       | 11.63                         | 2.02    | 2.86                   | 0.59 | 3.65  | 145 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |         |                                      | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|--|---------|--------------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.   | MODEL   | EQUIPMENT DESCRIPTION                | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |  |         |                                      |                                |         |                |                               |         |                        |      |       |     |
| <b>T50</b> | <b>MITSUBISHI FUSO TRUCK OF AMERICA<br/>(continued)</b>            |         |                                      |                                |         |                |                               |         |                        |      |       |     |
|            | T50MH010   | FG639T  | 12,000 GVW, 2 AXLE, 4X2, MANUAL      | 135 HP                         | D-on    | \$31,626       | 11.30                         | 2.02    | 2.86                   | 0.59 | 3.40  | 120 |
|            | <b>SUBCATEGORY 0.03 OVER 30,000 GVW (CHASSIS ONLY-ADD OPTIONS)</b> |         |                                      |                                |         |                |                               |         |                        |      |       |     |
|            | <b>FORD MOTOR COMPANY</b>  |         |                                      |                                |         |                |                               |         |                        |      |       |     |
|            | T50FO013   | LT8000  | 43,000 GVW, 3 AXLE, 6X4              | 210 HP                         | D-on    | \$64,813       | 24.72                         | 4.29    | 6.23                   | 1.18 | 7.64  | 119 |
|            | T50FO014   | LTS8000 | 43,000 GVW, 3 AXLE, 6X4              | 210 HP                         | D-on    | \$66,748       | 25.16                         | 4.42    | 6.41                   | 1.22 | 7.64  | 122 |
|            | T50FO015   | LNT8000 | 43,000 GVW, 80,000 GCW, 3 AXLE, 6X4  | 210 HP                         | D-on    | \$64,163       | 24.60                         | 4.25    | 6.15                   | 1.17 | 7.64  | 117 |
|            | T50FO017   | LT9000  | 43,000 GVW, 3 AXLE, 6X4              | 260 HP                         | D-on    | \$111,735      | 37.62                         | 7.41    | 10.73                  | 2.04 | 9.46  | 133 |
|            | T50FO018   | LTS9000 | 46,000 GVW, 3 AXLE, 6X4,             | 260 HP                         | D-on    | \$114,705      | 38.28                         | 7.59    | 11.00                  | 2.09 | 9.46  | 138 |
|            | T50FO019   | LNT9000 | 43,000 GVW, 138,000 GCW, 3 AXLE, 6X4 | 260 HP                         | D-on    | \$111,133      | 37.51                         | 7.34    | 10.64                  | 2.02 | 9.46  | 130 |
|            | <b>GMC AND CHEVROLET</b>   |         |                                      |                                |         |                |                               |         |                        |      |       |     |
|            | T50GM016   | C7H064  | 46,000 GVW, 3 AXLE, 6X4              | 215 HP                         | D-on    | \$55,724       | 23.12                         | 3.67    | 5.29                   | 1.02 | 7.83  | 118 |
|            | T50GM015   | C7H064  | 46,000 GVW, 3 AXLE, 6X4              | 255 HP                         | G       | \$47,678       | 35.95                         | 3.12    | 4.49                   | 0.87 | 17.85 | 112 |
|            | <b>HINO DIESEL TRUCKS</b>  |         |                                      |                                |         |                |                               |         |                        |      |       |     |
|            | T50HN006   | SG3325  | 32,900 GVW, 2 AXLE, 4X2              | 252 HP                         | D-on    | \$55,287       | 24.88                         | 3.62    | 5.21                   | 1.01 | 9.17  | 105 |
|            | T50HN007   | SG5523  | 55,000 GVW, 2 AXLE, 4X2              | 225 HP                         | D-on    | \$61,132       | 24.79                         | 4.00    | 5.79                   | 1.11 | 8.19  | 107 |
|            | <b>NAVISTAR INTERNATIONAL CORPORATION</b>                          |         |                                      |                                |         |                |                               |         |                        |      |       |     |
|            | T50IT011   | 9300 FA | 32,000 GVW, 80,000 GCW, 3 AXLE, 4X2  | 280 HP                         | D-on    | \$113,708      | 39.21                         | 7.48    | 10.83                  | 2.07 | 10.19 | 111 |
|            | T50IT010   | 2574 ZM | 35,000 GVW, 60,000 GCW, 3 AXLE, 4X2  | 275 HP                         | D-on    | \$90,613       | 34.04                         | 5.91    | 8.53                   | 1.65 | 10.01 | 106 |
|            | T50IT012   | 9300 FB | 46,000 GVW, 90,000 GCW, 3 AXLE, 6X4  | 280 HP                         | D-on    | \$127,974      | 42.26                         | 8.46    | 12.26                  | 2.33 | 10.19 | 138 |
|            | T50IT007   | 5000 TN | 52,350 GVW, 60,000 GCW, 3 AXLE, 6X6  | 275 HP                         | D-on    | \$155,698      | 47.43                         | 10.48   | 15.29                  | 2.84 | 10.01 | 165 |
|            | T50IT005   | 5000 TG | 56,000 GVW, 60,000 GCW, 3 AXLE, 6X4  | 275 HP                         | D-on    | \$123,633      | 40.57                         | 8.29    | 12.08                  | 2.25 | 10.01 | 144 |
|            | T50IT004   | 4900 SH | 40,000 GVW, 3 AXLE, 6X4              | 195 HP                         | D-on    | \$72,340       | 25.68                         | 4.79    | 6.95                   | 1.32 | 7.10  | 119 |
|            | T50IT008   | 4900 SJ | 43,000 GVW, AXLE, 6X6                | 195 HP                         | D-on    | \$90,880       | 29.64                         | 6.07    | 8.81                   | 1.66 | 7.10  | 126 |
|            | <b>KENWORTH TRUCK COMPANY</b>                                      |         |                                      |                                |         |                |                               |         |                        |      |       |     |
|            | T50KE001   | T800B   | 33,000 GVW, 76,800 GCW, 2 AXLE, 4X2  | 330 HP                         | D-on    | \$93,930       | 36.71                         | 6.32    | 9.21                   | 1.71 | 12.01 | 119 |
|            | T50KE002   | T600B   | 33,000 GVW, 76,800 GCW, 2 AXLE, 4X2  | 330 HP                         | D-on    | \$95,855       | 37.12                         | 6.45    | 9.40                   | 1.75 | 12.01 | 121 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                 |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|---|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                                    | MODEL    | EQUIPMENT DESCRIPTION                           | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |   |          |   |                                |         |                |                               |         |                        |      |       |     |
| <b>T50</b> | <b>KENWORTH TRUCK COMPANY (continued)</b> |          |   |                                |         |                |                               |         |                        |      |       |     |
|            | T50KE005                                  | W900B    | 50,000 GVW, 85,000 GCW, 3 AXLE, 6X4             | 330 HP                         | D-on    | \$103,403      | 39.01                         | 6.90    | 10.04                  | 1.88 | 12.01 | 139 |
|            | T50KE004                                  | K100E    | 50,000 GVW, 85,000 GCW, 3 AXLE, 6X4             | 330 HP                         | D-on    | \$104,263      | 39.19                         | 6.96    | 10.12                  | 1.90 | 12.01 | 143 |
|            | T50KE003                                  | C500B    | 50,000 GVW, 3 AXLE, 6X4                         | 330 HP                         | D-on    | \$111,400      | 40.72                         | 7.45    | 10.84                  | 2.03 | 12.01 | 144 |
|            | <b>mitsubishi FUSO TRUCK OF AMERICA</b>   |          |   |                                |         |                |                               |         |                        |      |       |     |
|            | T50MH007                                  | FM657    | 32,900 GVW, 2 AXLE, 4X2, MANUAL                 | 200 HP                         | D-on    | \$50,204       | 21.22                         | 3.26    | 4.70                   | 0.91 | 7.28  | 99  |
|            | T50MH008                                  | FM657    | 32,900 GVW, 2 AXLE, 4X2, MANUAL                 | 230 HP                         | D-on    | \$52,425       | 23.18                         | 3.41    | 4.92                   | 0.95 | 8.37  | 103 |
|            | T50MH011                                  | FW657T   | 32,900 GVW, 2 AXLE, 4X2, MANUAL                 | 230 HP                         | D-on    | \$58,210       | 24.42                         | 3.81    | 5.50                   | 1.06 | 8.37  | 329 |
|            | <b>MACK TRUCKS, INC.</b>                  |          |   |                                |         |                |                               |         |                        |      |       |     |
|            | T50MT012                                  | CH612    | 35,000 GVW, CONV TRACTOR, 4X2                   | 350 HP                         | D-on    | \$85,884       | 35.90                         | 5.79    | 8.46                   | 1.56 | 12.74 | 114 |
|            | T50MT013                                  | RD8905   | 64,000 GVW, CONV TRACTOR, 6X4                   | 350 HP                         | D-on    | \$119,282      | 43.03                         | 8.07    | 11.80                  | 2.17 | 12.74 | 206 |
|            | T50MT007                                  | RD690SX  | 76,000 GVW CONV. DUMPER 6X4, CHASIS ONLY        | 300 HP                         | D-on    | \$115,743      | 39.79                         | 7.83    | 11.44                  | 2.11 | 10.92 | 199 |
|            | T50MT008                                  | DM690SX  | 78,000 GVW, CONV DUMPER/MIXER, 6X4, CHASIS ONLY | 300 HP                         | D-on    | \$115,740      | 39.79                         | 7.83    | 11.44                  | 2.11 | 10.92 | 197 |
|            | T50MT014                                  | RM6906S  | 60,000 GVW, CONV MIXER, 6X6, CHASIS ONLY        | 300 HP                         | D-on    | \$124,075      | 41.78                         | 8.36    | 12.19                  | 2.26 | 10.92 | 172 |
|            | T50MT015                                  | RD6906SX | 74,000 GVW, CONV MIXER, 6X6, CHASIS ONLY        | 300 HP                         | D-on    | \$135,602      | 44.24                         | 9.14    | 13.34                  | 2.47 | 10.92 | 199 |
|            | T50MT016                                  | CH613    | 50,000 GVW, CONV TRACT, 6X6, CHASIS ONLY        | 400 HP                         | D-on    | \$103,269      | 42.18                         | 6.96    | 10.15                  | 1.88 | 14.56 | 143 |
|            | <b>PETERBILT MOTORS COMPANY</b>           |          |   |                                |         |                |                               |         |                        |      |       |     |
|            | T50PE007                                  | 379 5H   | 35,000 GVW, 2 AXLE, 4X2                         | 350 HP                         | D-on    | \$101,097      | 39.27                         | 6.79    | 9.90                   | 1.84 | 12.74 | 116 |
|            | T50PE005                                  | 357 AA   | 43,000 GVW, 100,000 GCW, 3 AXLE, 4X2            | 350 HP                         | D-on    | \$101,579      | 40.10                         | 6.66    | 9.62                   | 1.85 | 12.74 | 134 |
|            | T50PE002                                  | 378 FD   | 46,000 GVW, 110000 GCW, 3 AXLE, 6X4             | 350 HP                         | D-on    | \$104,500      | 40.72                         | 6.86    | 9.91                   | 1.90 | 12.74 | 137 |
|            | T50PE004                                  | 379 5D   | 46,000 GVW, 110000 GCW, 3 AXLE, 6X4             | 350 HP                         | D-on    | \$107,467      | 41.36                         | 7.07    | 10.21                  | 1.96 | 12.74 | 137 |
|            | T50PE003                                  | 362 6D   | 50,000 GVW, 110000 GCW, 3 AXLE, 6X4             | 350 HP                         | D-on    | \$109,735      | 41.84                         | 7.22    | 10.44                  | 2.00 | 12.74 | 141 |
|            | T50PE006                                  | 320      | 69,000 GVW, 3 AXLE, 6X4                         | 300 HP                         | D-on    | \$97,564       | 36.76                         | 6.39    | 9.22                   | 1.78 | 10.92 | 158 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                            | REGION 10                                   |       |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       |       |
|--------------------------------|---|-------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|                                | ID.NO.                                      | MODEL | EQUIPMENT DESCRIPTION                     | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  | CWT   |
| <b>T55 TRUCKS, OFF-HIGHWAY</b> |   |       |   |                                |         |                |                               |         |                        |       |       |       |
|                                | <b>SUBCATEGORY 0.00 TRUCKS, OFF-HIGHWAY</b> |       |   |                                |         |                |                               |         |                        |       |       |       |
|                                | <b>CATERPILLAR, INC.</b>                    |       |   |                                |         |                |                               |         |                        |       |       |       |
| T55CA001                       | 769D  |       | 22-30 CY, 35 TON, REAR DUMP, P/S          | 450 HP                         | D-off   | \$473,134      | 56.70                         | 15.36   | 15.38                  | 7.67  | 7.94  | 743   |
| T55CA002                       | 773D  |       | 30-45 CY, 50 TON, REAR DUMP, P/S          | 650 HP                         | D-off   | \$647,648      | 80.48                         | 20.93   | 20.85                  | 10.50 | 11.47 | 968   |
| T55CA003                       | 777D  |       | 47-78 CY, 85 TON, REAR DUMP, P/S          | 870 HP                         | D-off   | \$971,566      | 117.54                        | 31.42   | 31.33                  | 15.76 | 15.35 | 1,440 |
|                                | <b>CATERPILLAR (DJB)</b>                    |       |   |                                |         |                |                               |         |                        |       |       |       |
| T55DJ001                       | D25D 4X4                                    |       | 13-18 CY, 25 TON, REAR DUMP, ARTIC, P/S   | 260 HP                         | D-off   | \$309,972      | 35.29                         | 10.10   | 10.14                  | 5.03  | 4.59  | 471   |
| T55DJ002                       | D250D 6X4                                   |       | 13.7-18 CY, 25 TON, REAR DUMP, ARTIC, P/S | 214 HP                         | D-off   | \$313,950      | 35.01                         | 10.22   | 10.26                  | 5.09  | 3.77  | 424   |
| T55DJ004                       | D300E 6X6                                   |       | 16-21 CY, 30 TON, REAR DUMP, ARTIC, P/S   | 260 HP                         | D-off   | \$370,995      | 41.94                         | 12.06   | 12.08                  | 6.02  | 4.59  | 488   |
| T55DJ003                       | D30D 4X4                                    |       | 17-22 CY, 30 TON, REAR DUMP, ARTIC, P/S   | 285 HP                         | D-off   | \$363,505      | 41.19                         | 11.82   | 11.86                  | 5.89  | 5.03  | 519   |
| T55DJ010                       | D350E DWL 6X6                               |       | 18-26 CY, 35 TON, REAR DUMP, ARTIC, P/S   | 285 HP                         | D-off   | \$460,283      | 47.80                         | 15.11   | 15.29                  | 7.46  | 5.03  | 580   |
| T55DJ005                       | D3502 6X6                                   |       | 20-25 CY, 35 TON, REAR DUMP, ARTIC, P/S   | 285 HP                         | D-off   | \$436,491      | 47.94                         | 14.23   | 14.30                  | 7.08  | 5.03  | 599   |
| T55DJ007                       | D400E DWL 6X6                               |       | 21-28 CY, 40 TON, REAR DUMP, ARTIC, P/S   | 385 HP                         | D-off   | \$503,044      | 57.87                         | 16.35   | 16.38                  | 8.16  | 6.79  | 653   |
|                                | <b>EUCLID INDUSTRIES</b>                    |       |   |                                |         |                |                               |         |                        |       |       |       |
| T55EU006                       | R40C  |       | 27-36 CY, 40 TON, REAR DUMP, P/S, RIGID   | 525 HP                         | D-off   | \$352,946      | 48.77                         | 11.37   | 11.30                  | 5.72  | 9.26  | 1,620 |
| T55EU007                       | R60C  |       | 33-47 CY, 60 TON, REAR DUMP, P/S, RIGID   | 700 HP                         | D-off   | \$473,793      | 67.63                         | 15.15   | 14.94                  | 7.68  | 12.35 | 2,240 |
| T55EU008                       | R65C  |       | 37-51 CY, 72 TON, REAR DUMP, P/S, RIGID   | 760 HP                         | D-off   | \$515,580      | 72.55                         | 16.54   | 16.36                  | 8.36  | 13.41 | 2,390 |
| T55EU009                       | R90   |       | 47-69 CY, 95 TON, REAR DUMP, P/S, RIGID   | 1,050 HP                       | D-off   | \$692,150      | 99.40                         | 22.13   | 21.83                  | 11.22 | 18.52 | 3,300 |
|                                | <b>TEREX CORPORATION</b>                    |       |   |                                |         |                |                               |         |                        |       |       |       |
| T55TE001                       | 2566C                                       |       | 14-17 CY, 25 TON, REAR DUMP, ARTIC,6X6    | 240 HP                         | D-off   | \$273,952      | 33.13                         | 8.89    | 8.90                   | 4.44  | 4.23  | 417   |
| T55TE002                       | 2766C                                       |       | 16-20 CY, 27.5 TON, REAR DUMP, ARTIC,6X6  | 240 HP                         | D-off   | \$276,220      | 35.44                         | 8.88    | 8.79                   | 4.48  | 4.23  | 435   |
| T55TE003                       | 3066C                                       |       | 17-21 CY, 30 TON, REAR DUMP, ARTIC,6X6    | 276 HP                         | D-off   | \$311,523      | 39.22                         | 10.05   | 9.99                   | 5.05  | 4.87  | 453   |
| T55TE004                       | 3305B                                       |       | 20-25 CY, 34 TON, REAR DUMP, P/S          | 324 HP                         | D-off   | \$334,609      | 42.20                         | 10.77   | 10.68                  | 5.43  | 5.72  | 500   |
| T55TE005                       | 4066C                                       |       | 23-29 CY, 40 TON, REAR DUMP, ARTIC, 6X6   | 375 HP                         | D-off   | \$407,510      | 49.43                         | 13.24   | 13.26                  | 6.61  | 6.62  | 633   |
| T55TE009                       | 3340  |       | 24-32 CY, 40 TON, REAR DUMP, P/S          | 456 HP                         | D-off   | \$395,710      | 50.51                         | 12.80   | 12.76                  | 6.42  | 8.04  | 763   |
| T55TE010                       | 3345  |       | 26-34 CY, 45 TON, REAR DUMP, P/S          | 456 HP                         | D-off   | \$418,277      | 54.46                         | 13.44   | 13.31                  | 6.78  | 8.04  | 800   |
| T55TE011                       | 3360  |       | 37-46 CY, 60 TON, REAR DUMP, P/S          | 645 HP                         | D-off   | \$483,847      | 67.05                         | 15.49   | 15.28                  | 7.85  | 11.38 | 904   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |          |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|--|----------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.   | MODEL    | EQUIPMENT DESCRIPTION                                 | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|            |  |          |   |                                |         |                |                               |         |                        |       |       |       |
| <b>T55</b> | <b>TEREX CORPORATION (continued)</b>                         |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | T55TE012   | 3310E    | 45-52 CY, 77 TON, REAR DUMP, P/S                      | 680 HP                         | D-off   | \$602,357      | 77.57                         | 19.42   | 19.31                  | 9.77  | 12.00 | 1,129 |
|            | T55TE013   | 33100    | 50-70 CY, 92 TON, REAR DUMP, P/S                      | 1,050 HP                       | D-off   | \$832,364      | 110.80                        | 26.80   | 26.60                  | 13.50 | 18.52 | 1,531 |
|            | <b>UNIT RIG</b>  |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | T55UN002   | MT 3000  | 60-99 CY, 120 TON, REAR DUMP                          | 1,200 HP                       | D-off   | \$914,392      | 132.43                        | 28.95   | 28.25                  | 14.83 | 21.17 | 1,560 |
|            | T55UN004   | MT 3300  | 64-100 CY, 150 TON, REAR DUMP                         | 1,350 HP                       | D-off   | \$940,861      | 139.23                        | 29.79   | 29.06                  | 15.26 | 23.81 | 2,193 |
|            | T55UN003   | MT 3600B | 92-126 CY, 170 TON, REAR DUMP                         | 1,600 HP                       | D-off   | \$1,135,048    | 164.55                        | 36.08   | 35.33                  | 18.41 | 28.22 | 1,950 |
|            | T55UN005   | MT 3700B | 101-146 CY, 205 TON, REAR DUMP                        | 1,800 HP                       | D-off   | \$1,265,517    | 199.90                        | 39.39   | 37.75                  | 20.52 | 31.75 | 2,879 |
|            | T55UN006   | MT 4400  | 156-206 CY, 250 TON, REAR DUMP                        | 2,000 HP                       | D-off   | \$214,935      | 119.65                        | 4.50    | 2.03                   | 3.49  | 35.28 | 3,446 |
|            | <b>VOLVO CONSTRUCTION EQUIPMENT</b>                          |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | T55VO002   | A-25C    | 14-18 CY, 25 TON, REAR DUMP, 4X4, ARTIC               | 255 HP                         | D-off   | \$260,604      | 31.85                         | 8.43    | 8.40                   | 4.23  | 4.50  | 348   |
|            | T55VO003   | A-25C    | 14-18 CY, 25 TON, REAR DUMP, 6X6, ARTIC               | 255 HP                         | D-off   | \$287,627      | 35.50                         | 9.25    | 9.19                   | 4.66  | 4.50  | 392   |
|            | T55VO005   | A-30C    | 17-22 CY, 30 TON, REAR DUMP, 6X6, ARTIC               | 315 HP                         | D-off   | \$331,499      | 38.61                         | 10.82   | 10.89                  | 5.38  | 5.56  | 454   |
|            | T55VO004   | A-35C    | 19-25 CY, 35 TON, REAR DUMP, 6X6, ARTIC               | 358 HP                         | D-off   | \$410,394      | 48.22                         | 13.34   | 13.36                  | 6.66  | 6.32  | 567   |
|            | T55VO006   | A-40     | 21-29 CY, 40 TON, REAR DUMP, 6X6, ARTIC               | 398 HP                         | D-off   | \$459,762      | 55.08                         | 14.89   | 14.85                  | 7.46  | 7.02  | 665   |
|            | <b>HAULPAK DIVISION, KOMATSU AMERICA INTERNATIONAL</b>       |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | T55WA001   | 140M     | 30 CY, 33-43 TON, MECH REAR DUMP                      | 485 HP                         | D-off   | \$526,673      | 61.94                         | 17.14   | 17.20                  | 8.54  | 8.56  | 693   |
|            | T55WA002   | 210M     | 44 CY, 44-59 TON, MECH REAR DUMP                      | 675 HP                         | D-off   | \$665,313      | 82.55                         | 21.52   | 21.45                  | 10.79 | 11.91 | 903   |
|            | T55WA006   | 330M     | 69 CY, 93-100 TON, MECH REAR DUMP                     | 1,050 HP                       | D-off   | \$952,540      | 120.56                        | 30.80   | 30.69                  | 15.45 | 18.52 | 1,498 |
|            | T55WA005   | 510E     | 100 CY, 116-150 TON, MECH REAR DUMP<br>ELECTRIC DRIVE | 1,350 HP                       | D-off   | \$1,724,043    | 202.84                        | 55.81   | 55.69                  | 27.96 | 23.81 | 2,251 |
|            | T55WA007   | 630E     | 135 CY, 190 TON, MECH REAR DUMP<br>ELECTIRC DRIVE     | 1,800 HP                       | D-off   | \$1,958,705    | 236.51                        | 63.43   | 63.34                  | 31.76 | 31.75 | 2,704 |
|            | T55WA008   | 685E     | 145 CY, 200 TON, MECH REAR DUMP,<br>ELECTRIC DRIVE    | 2,000 HP                       | D-off   | \$2,304,651    | 289.37                        | 73.91   | 73.08                  | 37.37 | 35.28 | 3,087 |
| <b>T56</b> | <b>TRUCKS, OFF-HIGHWAY/PRIME MOVER TRACTORS &amp; WAGONS</b> |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | <b>SUBCATEGORY 0.10 PRIME MOVER TRACTORS</b>                 |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | <b>CATERPILLAR, INC.</b>                                     |          |   |                                |         |                |                               |         |                        |       |       |       |
|            | T56CA006   | 776D     | PRIME MOVER TRACTOR, P/S                              | 938 HP                         | D-off   | \$935,591      | 139.07                        | 36.33   | 41.82                  | 15.42 | 16.55 | 1,163 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                                   | REGION 10  |                |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|---------------------------------------|--|----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|                                       | ID.NO.   | MODEL          | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
| <b>T57 TRUCKS, VACUUM</b>             |  |                |  |                                |         |                |                               |         |                        |       |       |       |
|                                       | <b>SUBCATEGORY 0.00 TRUCKS, VACUUM</b>             |                |  |                                |         |                |                               |         |                        |       |       |       |
|                                       | <b>CUSCO INDUSTRIES</b>                            |                |  |                                |         |                |                               |         |                        |       |       |       |
|                                       | T57CU001   | INDUSTRIAL VAC | 5,500 GAL, 750 CFM, TRLR MTD (W/REAR DOOR & HYDRAULIC DUMP SYSTEM)     | 76 HP                          | D-off   | \$75,939       | 18.08                         | 4.39    | 6.08                   | 1.35  | 2.11  | 76    |
|                                       | T57CU002   | SS INDUST. VAC | 5,500 GAL, 750 CFM, SS, TRLR MTD (W/REAR DOOR & HYDRAULIC DUMP SYSTEM) | 76 HP                          | D-off   | \$92,641       | 21.42                         | 5.36    | 7.41                   | 1.65  | 2.11  | 76    |
|                                       | T57CU003   | 2527           | 5,500 GAL, 2,100 CFM, TRLR MTD (W/REAR DOOR & HYDRAULIC DUMP SYSTEM)   | 115 HP                         | D-off   | \$137,129      | 31.79                         | 7.93    | 10.97                  | 2.44  | 3.19  | 115   |
|                                       | T57CU004   | 3827           | 5,500 GAL, 3170 CFM, TRLR MTD (W/REAR DOOR & HYDRAULIC DUMP SYSTEM)    | 177 HP                         | D-off   | \$157,078      | 38.12                         | 9.09    | 12.57                  | 2.80  | 4.91  | 177   |
|                                       | T57CU005   | 5327           | 5,500 GAL, 4,550 CFM, TRLR MTD (W/REAR DOOR & HYDRAULIC DUMP SYSTEM)   | 335 HP                         | D-off   | \$171,702      | 47.01                         | 9.93    | 13.74                  | 3.06  | 9.29  | 335   |
| <b>T60 TRUCKS, WATER, OFF-HIGHWAY</b> |  |                |  |                                |         |                |                               |         |                        |       |       |       |
|                                       | <b>SUBCATEGORY 0.00 TRUCKS, WATER, OFF-HIGHWAY</b> |                |  |                                |         |                |                               |         |                        |       |       |       |
|                                       | <b>KLEIN PRODUCTS, INC.</b>                        |                |  |                                |         |                |                               |         |                        |       |       |       |
|                                       | T60KI001   | KT-50          | 5,000 GALLON (WITH CAT 613C TRACTOR)                                   | 175 HP                         | D-off   | \$164,427      | 34.01                         | 8.04    | 10.33                  | 2.88  | 4.85  | 320   |
|                                       | T60KI002   | KT-60          | 6,000 GALLON (WITH CAT 621E TRACTOR)                                   | 330 HP                         | D-off   | \$297,482      | 62.22                         | 14.56   | 18.67                  | 5.22  | 9.15  | 580   |
|                                       | T60KI003   | KT-80          | 8,000 GALLON (WITH CAT 631E TRACTOR)                                   | 450 HP                         | D-off   | \$427,131      | 88.32                         | 20.91   | 26.85                  | 7.49  | 12.47 | 751   |
|                                       | T60KI004   | KT-100         | 10,000 GALLON (WITH CAT 631E TRACTOR)                                  | 450 HP                         | D-off   | \$435,972      | 89.74                         | 21.37   | 27.44                  | 7.65  | 12.47 | 811   |
|                                       | T60KI005   | KT-100         | 10,000 GALLON (WITH CAT 651E TRACTOR)                                  | 550 HP                         | D-off   | \$518,157      | 106.91                        | 25.50   | 32.82                  | 9.09  | 15.25 | 1,001 |
|                                       | T60KI006   | KT-120         | 12,000 GALLON (WITH CAT 651E TRACTOR)                                  | 550 HP                         | D-off   | \$534,507      | 109.52                        | 26.34   | 33.91                  | 9.38  | 15.25 | 1,097 |
|                                       | <b>SOUTHWEST ENGINEERING</b>                       |                |  |                                |         |                |                               |         |                        |       |       |       |
|                                       | T60SO001   | STT-60         | 6,000 GALLON (WITH CAT 621E TRACTOR)                                   | 330 HP                         | D-off   | \$369,771      | 73.75                         | 18.23   | 23.49                  | 6.49  | 9.15  | 610   |
|                                       | T60SO002   | STT-80         | 8,000 GALLON (WITH CAT 631E TRACTOR)                                   | 450 HP                         | D-off   | \$512,441      | 102.14                        | 25.20   | 32.41                  | 8.99  | 12.47 | 812   |
|                                       | T60SO003   | STT-100        | 10,000 GALLON (WITH CAT 631E TRACTOR)                                  | 450 HP                         | D-off   | \$521,205      | 103.53                        | 25.64   | 32.99                  | 9.14  | 12.47 | 897   |
|                                       | T60SO004   | STT-120        | 12,000 GALLON (WITH CAT 651E TRACTOR)                                  | 550 HP                         | D-off   | \$648,209      | 128.51                        | 31.85   | 40.96                  | 11.37 | 15.25 | 1,149 |
|                                       | T60SO005   | STT-140        | 14,000 GALLON (WITH CAT 651E TRACTOR)                                  | 550 HP                         | D-off   | \$659,284      | 130.27                        | 32.41   | 41.70                  | 11.56 | 15.25 | 1,184 |

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

| CAT                                | REGION 10               |       |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |        |        | CWT    |
|------------------------------------|-------------------------|-------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|--------|--------|--------|
|                                    | ID.NO.                  | MODEL | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM   | FUEL   |        |
| <b>T65 TUNNEL/MINING EQUIPMENT</b> |                         |       |  |                                |         |                |                               |         |                        |        |        |        |
|                                    | <b>SUBCATEGORY 0.10</b> |       | <b>DRIFTING &amp; TUNNELING DRILLS</b>                         |                                |         |                |                               |         |                        |        |        |        |
|                                    | <b>ATLAS COPCO</b>      |       |  |                                |         |                |                               |         |                        |        |        |        |
| T65AS001                           | H104                    |       | HYDRAULIC SINGLE-BOOM DRILL FOR CROSS SECTIONS, 65-215 SF      | 67 HP                          | D-off   | \$343,433      | 58.08                         | 16.14   | 20.78                  | 5.75   | 2.31   | 192    |
| T65AS002                           | H244                    |       | HYDRAULIC SINGLE-BOOM DRILL FOR CROSS SECTIONS, 108-345 SF     | 114 HP                         | D-off   | \$519,265      | 88.33                         | 24.42   | 31.45                  | 8.70   | 3.93   | 289    |
| T65AS003                           | H130                    |       | HYDRAULIC TWIN-BOOM DRILL FOR CROSS SECTIONS, 130-430 SF       | 148 HP                         | D-off   | \$688,605      | 117.18                        | 32.36   | 41.63                  | 11.54  | 5.10   | 507    |
| T65AS004                           | H177                    |       | HYDRAULIC TWIN-BOOM DRILL FOR CROSS SECTIONS, 592-1300 SF      | 148 HP                         | D-off   | \$862,268      | 144.88                        | 40.53   | 52.17                  | 14.45  | 5.10   | 568    |
| T65AS005                           | H185                    |       | HYDRAULIC TWIN-BOOM DRILL FOR CROSS SECTIONS, 480-1070 SF      | 322 HP                         | D-off   | \$1,193,291    | 205.84                        | 56.13   | 72.27                  | 20.00  | 11.09  | 684    |
| T65AS006                           | H179                    |       | HYDRAULIC FOUR-BOOM DRILL FOR CROSS SECTIONS, 700-1600 SF      | 268 HP                         | D-off   | \$1,383,246    | 233.78                        | 65.04   | 83.72                  | 23.18  | 9.23   | 957    |
| T65AS007                           | H526                    |       | HYDRAULIC RAILDRILL, SINGLE-BOOM FOR CROSS SECTIONS, 65-269 SF | 67 HP                          | E       | \$284,497      | 57.80                         | 13.40   | 17.27                  | 4.77   | 6.65   | 137    |
| T65AS008                           | H528                    |       | HYDRAULIC RAILDRILL, TWIN-BOOM FOR CROSS SECTIONS, 86-485 SF   | 134 HP                         | E       | \$488,025      | 102.67                        | 22.99   | 29.63                  | 8.18   | 13.29  | 198    |
|                                    | <b>SUBCATEGORY 0.20</b> |       | <b>TUNNEL BORING MACHINES</b>                                  |                                |         |                |                               |         |                        |        |        |        |
|                                    | <b>ATLAS COPCO</b>      |       |  |                                |         |                |                               |         |                        |        |        |        |
| T65AS009                           | JARVA MK8               |       | TUNNEL BORING MACHINE 475 TON THRUST, 8'-10' DIAMETER          | 697 HP                         | E       | \$2,682,931    | 410.77                        | 107.57  | 126.69                 | 44.23  | 60.50  | 10,472 |
| T65AS010                           | JARVA MK12              |       | TUNNEL BORING MACHINE 750 TON THRUST, 11'-14' DIAMETER         | 1,207 HP                       | E       | \$3,934,551    | 630.48                        | 157.77  | 185.80                 | 64.87  | 104.77 | 16,535 |
| T65AS011                           | JARVA MK27              |       | TUNNEL BORING MACHINE 1400 TON THRUST, 20'-28' DIAMETER        | 2,716 HP                       | E       | \$10,957,094   | 1,657.42                      | 439.35  | 517.42                 | 180.64 | 235.75 | 30,865 |
|                                    | <b>VOEST- ALPINE</b>    |       |  |                                |         |                |                               |         |                        |        |        |        |
| T65VA001                           | ATB 35                  |       | TUNNEL BORING MACHINE, 150 TON 3.5' DIAMETER (EXCLUDES TRAIN)  | 1,250 HP                       | E       | \$3,600,571    | 586.70                        | 144.38  | 170.03                 | 59.36  | 108.50 | 3,307  |
| T65VA002                           | ATB 45                  |       | TUNNEL BORING MACHINE, 225 TON 5' DIAMETER (EXCLUDES TRAIN)    | 1,275 HP                       | E       | \$5,817,688    | 841.86                        | 233.27  | 274.72                 | 95.91  | 110.67 | 4,960  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                       | REGION 10   |   |  | ENGINE HORSEPOWER<br>FUEL TYPE |             | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |        |        | CWT    |
|---------------------------|---|---|--|--------------------------------|-------------|----------------|-------------------------------|---------|------------------------|--------|--------|--------|
|                           | ID.NO.  | MODEL   | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER     | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM   | FUEL   |        |
|                           |   |   |  |                                |             |                |                               |         |                        |        |        |        |
| T65                       | <i>VOEST-ALPINE (continued)</i>                             |   |  |                                |             |                |                               |         |                        |        |        |        |
|                           | T65VA003  | ATB 80  | TUNNEL BORING MACHINE, 500 TON 8' DIAMETER (EXCLUDES TRAIN)        | 2,885 HP                       | E           | \$12,696,632   | 1,851.90                      | 509.10  | 599.56                 | 209.32 | 250.42 | 11,023 |
|                           | <b>SUBCATEGORY 0.30 PRODUCTION DRILLING RIGS</b>            |   |  |                                |             |                |                               |         |                        |        |        |        |
|                           | <b>ATLAS COPCO</b>  |   |  |                                |             |                |                               |         |                        |        |        |        |
|                           | T65AS015  |   | PNEUMATIC PRODUCTION DRILLING, BIG HOLE WAGON (ADD COMPR)          | 425 CFM                        | A           | \$81,658       | 16.54                         | 4.26    | 5.76                   | 1.38   | 0.00   | 30     |
|                           | T65AS014  |   | HYDRAULIC DRILL UNIT, SUPER LONG-HOLE DRILL WAGON,                 | 50 HP                          | E           | \$267,876      | 58.86                         | 14.02   | 18.95                  | 4.54   | 4.96   | 73     |
|                           | T65AS013  | SIMBA H260                                      | HYDRAULIC PRODUCTION DRILL RIG, HIGH CAPACITY, WITH DRILLING       | 60 HP                          | E           | \$324,185      | 70.82                         | 16.96   | 22.94                  | 5.49   | 5.95   | 135    |
|                           | T65AS012  | SIMBA H350                                      | HYDRAULIC PRODUCTION DRILL RIG, HIGH CAPACITY, METHOD MATCHED      | 120 HP                         | E           | \$500,820      | 114.56                        | 26.20   | 35.41                  | 8.49   | 11.90  | 254    |
|                           | <b>FLETCHER MINING EQUIPMENT</b>                            |   |  |                                |             |                |                               |         |                        |        |        |        |
|                           | T65FL001  | LHD   | DRILLING SYSTEM, WITH DRILL UNIT & TENDER CAR, 2000 PSI, 10' REACH | 80 HP                          | E           | \$330,813      | 75.87                         | 17.29   | 23.36                  | 5.61   | 7.94   | 400    |
|                           | <b>SUBCATEGORY 0.40 ROADHEADERS &amp; CONTINUOUS MINERS</b> |   |  |                                |             |                |                               |         |                        |        |        |        |
|                           | <b>ATLAS COPCO</b>  |   |  |                                |             |                |                               |         |                        |        |        |        |
|                           | T65AS016  | ET 120-L  | ROADHEADER, 32 TONS, 213" X 158" CUTTING RANGE                     | 284 HP                         | E           | \$1,019,888    | 187.99                        | 44.01   | 54.18                  | 16.92  | 24.65  | 639    |
|                           | T65AS017  | ET 210-L  | ROADHEADER, 57 TONS, 270" X 186" CUTTING RANGE                     | 456 HP                         | E           | \$1,570,546    | 292.04                        | 67.78   | 83.44                  | 26.06  | 39.58  | 1,146  |
|                           | T65AS018  | ET 380-L  | ROADHEADER, 99 TONS, 386" X 276" CUTTING RANGE                     | 510 HP                         | E           | \$2,315,612    | 405.83                        | 99.94   | 123.02                 | 38.43  | 44.27  | 1,984  |
| T65AS019                  | ET 450-L  | ROADHEADER, 121 TONS, 331" X 244" CUTTING RANGE | 644 HP   | E                              | \$2,298,262 | 423.96         | 99.19                         | 122.10  | 38.14                  | 55.90  | 2,425  |        |
| <b>ANDERSON TUNNELING</b> |   |   |  |                                |             |                |                               |         |                        |        |        |        |
| T65AT001                  | RH 25   | ROADHEADER, 25.4 TON, 236" X 167" CUTTING RANGE | 258 HP   | E                              | \$595,328   | 123.62         | 25.70                         | 31.63   | 9.88                   | 22.39  | 560    |        |
| T65AT002                  | RH 25L  | ROADHEADER, 25.4 TON, LOW PROFILE               | 258 HP   | E                              | \$641,863   | 130.21         | 27.70                         | 34.10   | 10.65                  | 22.39  | 560    |        |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                             |                 |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|---------------------------------------|-----------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.                                | MODEL           | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|            |                                       |                 |  |                                |         |                |                               |         |                        |       |       |       |
| <b>T65</b> | <b>ANDERSON TUNNELING (continued)</b> |                 |  |                                |         |                |                               |         |                        |       |       |       |
|            | T65AT003                              | RH 22           | ROADHEADER, 35 TON, 213" X 197" CUTTING RANGE                        | 300 HP                         | E       | \$874,321      | 169.65                        | 37.73   | 46.45                  | 14.51 | 26.04 | 770   |
|            | T65AT004                              | RH 45           | ROADHEADER, 50 TON   | 645 HP                         | E       | \$1,104,928    | 254.99                        | 47.69   | 58.70                  | 18.34 | 55.99 | 1,100 |
|            | T65AT005                              | RH 1/4          | ROADHEADER, 66 TON, 216" X 224" CUTTING RANGE                        | 360 HP                         | E       | \$1,266,298    | 234.24                        | 54.64   | 67.27                  | 21.01 | 31.25 | 1,460 |
|            | T65AT006                              | RH90            | ROADHEADER, 90 TON, 236" X 197" CUTTING RANGE                        | 486 HP                         | E       | \$1,891,921    | 342.36                        | 81.66   | 100.51                 | 31.40 | 42.18 | 1,980 |
|            | <b>DOSCO CORPORATION</b>              |                 |  |                                |         |                |                               |         |                        |       |       |       |
|            | T65DO005                              | DIRTHEADER      | CONTINUOUS MINER, 18.8 TON,  | 120 HP                         | E       | \$674,897      | 114.74                        | 29.13   | 35.85                  | 11.20 | 10.42 | 376   |
|            | T65DO001                              | MD1100          | ROADHEADER, 36.4 TON, 157" X 173" CUTTING RANGE                      | 210 HP                         | E       | \$732,409      | 135.71                        | 31.60   | 38.91                  | 12.15 | 18.23 | 728   |
|            | T65DO002                              | MK2B            | ROADHEADER, 48.5 TON, 170" X 227" CUTTING RANGE                      | 260 HP                         | E       | \$976,473      | 177.93                        | 42.14   | 51.88                  | 16.20 | 22.57 | 970   |
|            | T65DO003                              | MK3             | ROADHEADER, 91.5 TON, 236" X 300" CUTTING RANGE                      | 525 HP                         | E       | \$1,596,394    | 306.53                        | 68.89   | 84.81                  | 26.49 | 45.57 | 1,830 |
|            | T65DO004                              | TB 3000         | TWIN BOOM MINER, 137.8 TON, 236" X 350" CUTTING RANGE                | 995 HP                         | E       | \$3,177,085    | 602.01                        | 137.11  | 168.78                 | 52.72 | 86.37 | 2,756 |
|            | <b>DRESSER INDUSTRIES</b>             |                 |  |                                |         |                |                               |         |                        |       |       |       |
|            | T65DR001                              | 102HP           | CONTINUOUS MINER, 22 TON, 26" TO 47" CUTTING RANGE                   | 345 HP                         | E       | \$529,622      | 127.72                        | 22.86   | 28.14                  | 8.79  | 29.95 | 440   |
|            | T65DR002                              | 1026            | CONTINUOUS MINER, 42 TON, 33" TO 101" CUTTING RANGE                  | 440 HP                         | E       | \$901,286      | 194.91                        | 38.90   | 47.88                  | 14.96 | 38.19 | 845   |
|            | T65DR003                              | 1036HP          | CONTINUOUS MINER, 55 TON, 46" TO 146" CUTTING RANGE                  | 690 HP                         | E       | \$958,045      | 241.08                        | 41.35   | 50.90                  | 15.90 | 59.89 | 1,110 |
|            | <b>VOEST- ALPINE</b>                  |                 |  |                                |         |                |                               |         |                        |       |       |       |
|            | T65VA004                              | AM 50           | CONTINUOUS MINER & TUNNEL MACHINE, 24 TON, 157" X 189" CUTTING RANGE | 230 HP                         | E       | \$790,395      | 144.78                        | 34.12   | 41.99                  | 13.12 | 19.96 | 480   |
|            | T65VA005                              | AM 65-132D      | CONTINUOUS MINER & TUNNEL MACHINE, 32 TON, 170" X 191" CUTTING RANGE | 465 HP                         | E       | \$1,262,821    | 245.21                        | 54.51   | 67.09                  | 20.96 | 40.36 | 706   |
|            | T65VA006                              | AM 75-160C      | CONTINUOUS MINER & TUNNEL MACHINE, 57 TON, 185" X 201" CUTTING RANGE | 465 HP                         | E       | \$1,583,051    | 290.59                        | 68.32   | 84.10                  | 26.27 | 40.36 | 1,146 |
|            | T65VA007                              | AM 100-300/360P | CONTINUOUS MINER & TUNNEL MACHINE, 107 TONS                          | 725 HP                         | E       | \$2,329,767    | 433.46                        | 100.54  | 123.77                 | 38.66 | 62.93 | 2,139 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10  |              |   | ENGINE HORSEPOWER<br>FUEL TYPE |               | VALUE<br>(TEV)<br>1996 (\$) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |      | CWT   |
|-----|--|--------------|---|--------------------------------|---------------|-----------------------------|-------------------------------|---------|------------------------|-------|------|-------|
|     | ID.NO.   | MODEL        | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER       |                             | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL |       |
|     |  |              |   |                                |               |                             |                               |         |                        |       |      |       |
|     | <b>SUBCATEGORY 0.50 ROCK BOLTING EQUIPMENT</b>                         |              |   |                                |               |                             |                               |         |                        |       |      |       |
|     | <b>ATLAS COPCO</b>   |              |   |                                |               |                             |                               |         |                        |       |      |       |
|     | T65AS020   | BOLTEC H625L | ROCK BOLTER, 32' VERTICAL REACH                               | 50 HP                          | E 52 HP D-off | \$594,313                   | 129.58                        | 34.31   | 47.44                  | 10.59 | 5.22 | 162   |
|     | T65AS021   | BOLTEC H735H | ROCK BOLTER, 34' VERTICAL REACH                               | 50 HP                          | E 82 HP D-off | \$716,375                   | 154.73                        | 41.37   | 57.21                  | 12.76 | 5.37 | 202   |
|     | <b>FLETCHER MINING EQUIPMENT</b>                                       |              |   |                                |               |                             |                               |         |                        |       |      |       |
|     | T65FL005   | DR           | LONGWALL ROOF BOLTER, SINGLE HEAD, 6.6 TONS                   | 40 HP                          | E             | \$122,915                   | 32.17                         | 7.09    | 9.80                   | 2.19  | 3.97 | 132   |
|     | T65FL003   | DDO          | DUAL HEAD ROOF BOLTER, LOW PROFILE, 16 TONS                   | 80 HP                          | E             | \$193,992                   | 53.94                         | 11.20   | 15.47                  | 3.46  | 7.94 | 320   |
|     | T65FL002   | DDR          | DUAL HEAD ROOF BOLTER, ANGLE DRILLING, 17.5 TONS, 9' REACH    | 80 HP                          | E             | \$205,008                   | 56.14                         | 11.83   | 16.35                  | 3.65  | 7.94 | 350   |
|     | T65FL004   | HDDR         | DUAL HEAD ROOF BOLTER, WALK- THRU CHASSIS, 20 TONS, 18' REACH | 80 HP                          | E             | \$278,998                   | 70.99                         | 16.09   | 22.23                  | 4.97  | 7.94 | 400   |
|     | <b>SUBCATEGORY 0.61 LOADING &amp; HAULING EQUIPMENT, DIESEL OR GAS</b> |              |   |                                |               |                             |                               |         |                        |       |      |       |
|     | <b>EIMCO (EJC)</b>   |              |   |                                |               |                             |                               |         |                        |       |      |       |
|     | T65EI007   | EJC 60       | LOAD HAUL DUMP, 1.5 CY BUCKET, 6,000 LB. PAYLOAD              | 50 HP                          | D-off         | \$99,006                    | 19.07                         | 5.00    | 6.52                   | 1.74  | 1.51 | 132   |
|     | T65EI001   | EJC 60       | LOAD HAUL DUMP, 1.5 CY BUCKET, 6000 LB. PAYLOAD               | 68 HP                          | D-off         | \$89,139                    | 17.70                         | 4.49    | 5.86                   | 1.56  | 2.06 | 127   |
|     | T65EI008   | EJC 80       | LOAD HAUL DUMP, 2.25 CY BUCKET, 8,000 LB. PAYLOAD             | 75 HP                          | D-off         | \$152,397                   | 29.45                         | 7.63    | 9.93                   | 2.67  | 2.27 | 240   |
|     | T65EI002   | EJC 100      | LOAD HAUL DUMP, 2.8 CY BUCKET, 10,000 LB. PAYLOAD             | 100 HP                         | D-off         | \$156,095                   | 30.35                         | 7.83    | 10.18                  | 2.74  | 3.02 | 285   |
|     | T65EI009   | EJC 100      | LOAD HAUL DUMP, 2.8 CY BUCKET, 10,000 LB. PAYLOAD             | 100 HP                         | D-off         | \$172,382                   | 34.02                         | 8.65    | 11.27                  | 3.02  | 3.02 | 310   |
|     | T65EI003   | EJC 130      | LOAD HAUL DUMP, 3.5 CY BUCKET, 13,000 LB. PAYLOAD             | 139 HP                         | D-off         | \$173,925                   | 35.03                         | 8.71    | 11.32                  | 3.05  | 4.20 | 350   |
|     | T65EI004   | EJC 210      | LOAD HAUL DUMP, 6.0 CY BUCKET, 21,000 LB. PAYLOAD             | 231 HP                         | D-off         | \$255,408                   | 53.46                         | 12.61   | 16.26                  | 4.48  | 6.99 | 553   |
|     | T65EI005   | EJC 300      | LOAD HAUL DUMP, 8.0 CY BUCKET, 30,000 LB. PAYLOAD             | 277 HP                         | D-off         | \$326,014                   | 68.38                         | 15.91   | 20.39                  | 5.72  | 8.38 | 705   |
|     | T65EI006   | EJC 400      | LOAD HAUL DUMP, 16.0 CY BUCKET, 40,000 LB. PAYLOAD            | 325 HP                         | D-off         | \$504,903                   | 102.03                        | 24.55   | 31.38                  | 8.86  | 9.83 | 1,322 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                      |  |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |       |       | CWT   |
|------------|--------------------------------|--|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|-------|-------|-------|
|            | ID.NO.                         | MODEL  | EQUIPMENT DESCRIPTION                                  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM  | FUEL  |       |
|            |                                |  |  |                                |         |                |                               |         |                        |       |       |       |
| <b>T65</b> | <b>EIMCO (EJC) (continued)</b> |  |  |                                |         |                |                               |         |                        |       |       |       |
|            | T65EI010                       | EJC 413  | END DUMP TRUCK, 9 CY CAPACITY, 26,000 LB PAYLOAD, 4X4  | 139 HP                         | D-off   | \$163,407      | 33.44                         | 8.16    | 10.57                  | 2.87  | 4.20  | 325   |
|            | T65EI011                       | EJC 985-T15                                      | END DUMP TRUCK, 10 CY CAPACITY, 30,000 LB PAYLOAD, 4X4 | 185 HP                         | D-off   | \$156,357      | 34.20                         | 7.79    | 10.10                  | 2.74  | 5.59  | 280   |
|            | T65EI012                       | EJC 430  | END DUMP TRUCK, 18 CY CAPACITY, 60,000 LB PAYLOAD, 4X4 | 277 HP                         | D-off   | \$250,714      | 55.31                         | 12.23   | 15.66                  | 4.40  | 8.38  | 530   |
|            | T65EI013                       | EJC 450  | END DUMP TRUCK, 26.5 CY CAPACITY 50 TON PAYLOAD, 4X4   | 450 HP                         | D-off   | \$475,835      | 99.79                         | 23.63   | 30.56                  | 8.35  | 13.61 | 930   |
|            | <b>ATLAS COPCO WAGNER</b>      |  |  |                                |         |                |                               |         |                        |       |       |       |
|            | T65WG001                       | HST-1A   | SCOOPTRAM, 1.0 CY BUCKET, 3000 LB CAPACITY             | 55 HP                          | D-off   | \$134,562      | 24.47                         | 6.83    | 8.94                   | 2.36  | 1.66  | 111   |
|            | T65WG002                       | ST-2D  | SCOOPTRAM, 2.5 CY BUCKET, 8000 LB CAPACITY, 4X4        | 82 HP                          | D-off   | \$177,271      | 33.08                         | 8.90    | 11.59                  | 3.11  | 2.48  | 254   |
|            | T65WG003                       | ST-6C  | SCOOPTRAM, 6.0 CY BUCKET, 21,000 LB CAPACITY, 4X4      | 231 HP                         | D-off   | \$330,267      | 65.75                         | 16.41   | 21.25                  | 5.79  | 6.99  | 523   |
|            | T65WG004                       | ST-8B  | SCOOPTRAM, 8.50 CY BUCKET, 30,000 LB CAPACITY, 4X4     | 277 HP                         | D-off   | \$461,592      | 89.38                         | 23.07   | 29.95                  | 8.10  | 8.38  | 810   |
|            | T65WG008                       | MT-408   | REAR DUMP TRUCK, 6.3 CY CAP 17,600 LB PAYLOAD, 4X4     | 82 HP                          | D-off   | \$147,108      | 27.79                         | 7.44    | 9.72                   | 2.58  | 2.48  | 162   |
|            | T65WG009                       | MT-416   | REAR DUMP TRUCK, 12.0 CY CAP 16 TON PAYLOAD, 4X4       | 185 HP                         | D-off   | \$274,358      | 53.36                         | 13.84   | 18.05                  | 4.81  | 5.59  | 329   |
|            | T65WG010                       | MT-431B  | REAR DUMP TRUCK, 22.0 CY CAP 31 TON PAYLOAD, 4X4       | 375 HP                         | D-off   | \$454,449      | 92.30                         | 22.70   | 29.47                  | 7.97  | 11.34 | 670   |
|            | T65WG011                       | MT-444   | REAR DUMP TRUCK, 33.3 CY CAP 44 TON PAYLOAD, 4X4       | 475 HP                         | D-off   | \$524,830      | 109.08                        | 26.08   | 33.74                  | 9.21  | 14.36 | 783   |
|            | <b>SUBCATEGORY 0.62</b>        | <b>LOADING &amp; HAULING EQUIPMENT, ELECTRIC</b> |  |                                |         |                |                               |         |                        |       |       |       |
|            | <b>VOEST- ALPINE</b>           |  |  |                                |         |                |                               |         |                        |       |       |       |
|            | T65VA008                       | AL 30  | FACE FEED LOADER, 1.6 CY BUCKET                        | 100 HP                         | E       | \$582,343      | 97.23                         | 26.28   | 32.37                  | 10.10 | 8.68  | 500   |
|            | T65VA009                       | AL 60  | FACE FEED LOADER, 2.6 CY BUCKET                        | 215 HP                         | E       | \$957,028      | 161.98                        | 43.95   | 54.69                  | 16.61 | 18.66 | 1,102 |
|            | <b>ATLAS COPCO WAGNER</b>      |  |  |                                |         |                |                               |         |                        |       |       |       |
|            | T65WG005                       | EHST-1A  | SCOOPTRAM, 1.0 CY BUCKET, 3000 LB CAPACITY             | 40 HP                          | E       | \$153,243      | 27.07                         | 7.03    | 8.73                   | 2.66  | 3.47  | 139   |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10  |          |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|--|----------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.   | MODEL    | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |  |          |  |                                |         |                |                               |         |                        |      |       |     |
| <b>T65</b> | <b>ATLAS COPCO WAGNER (continued)</b>                                |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | T65WG006   | EST-2D   | SCOOPTRAM, 2.5 CY BUCKET, 8000 LB CAPACITY, 4X4                    | 75 HP                          | E       | \$222,816      | 42.50                         | 10.14   | 12.54                  | 3.87 | 6.51  | 251 |
|            | T65WG007   | EST-6C   | SCOOPTRAM, 6.0 CY BUCKET, 21,000 LB CAPACITY, 4X4                  | 175 HP                         | E       | \$421,501      | 86.18                         | 19.02   | 23.43                  | 7.31 | 15.19 | 497 |
|            | <b>SUBCATEGORY 0.63 LOADING &amp; HAULING EQUIPMENT, AIR-POWERED</b> |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>ATLAS COPCO</b>   |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | T65AS022   | LM 37    | RAILBOUND OVERHEAD LOADER, 5.0 CF BUCKET (ADD COMPR)               | 210 CFM                        | A       | \$58,013       | 11.75                         | 3.25    | 4.35                   | 1.07 | 0.00  | 43  |
|            | T65AS023   | LM 57    | RAILBOUND OVERHEAD LOADER, 9.2 CF BUCKET (ADD COMPR)               | 280 CFM                        | A       | \$65,462       | 13.06                         | 3.66    | 4.91                   | 1.20 | 0.00  | 60  |
|            | T65AS024   | CAVO 310 | WHEELED LOAD-AND-CARRY DUMPER, 4.6 CF BUCKET (ADD COMPR)           | 280 CFM                        | A       | \$92,949       | 18.57                         | 5.15    | 6.89                   | 1.71 | 0.00  | 70  |
|            | T65AS025   | CAVO 320 | WHEELED OVERHEAD LOADER, 11 CF BUCKET (ADD COMPR)                  | 280 CFM                        | A       | \$95,417       | 19.01                         | 5.29    | 7.07                   | 1.76 | 0.00  | 90  |
|            | <b>SUBCATEGORY 0.70 LOCOMOTIVES</b>                                  |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | <b>BROOKVILLE MINING</b>   |          |  |                                |         |                |                               |         |                        |      |       |     |
|            | T65BR001   |          | 15 TON LOCOMOTIVE, CHAIN DRIVE, 24" GAUGE, 375 TON CAP, SCH. #24   | 139 HP                         | D-off   | \$129,220      | 26.45                         | 6.57    | 8.61                   | 2.27 | 3.85  | 300 |
|            | T65BR002   |          | 15 TON LOCOMOTIVE, CHAIN DRIVE, 24" GAUGE, 375 TON CAP, SCH. #31   | 139 HP                         | D-off   | \$150,060      | 29.86                         | 7.63    | 10.00                  | 2.63 | 3.85  | 300 |
|            | T65BR003   |          | 20 TON LOCOMOTIVE, CHAIN DRIVE, 24" GAUGE, 500 TON CAP, SCH. #24   | 139 HP                         | D-off   | \$148,483      | 29.61                         | 7.55    | 9.90                   | 2.60 | 3.85  | 400 |
|            | T65BR004   |          | 20 TON LOCOMOTIVE, CHAIN DRIVE 24" GAUGE, 500 TON CAP, SCH. #31    | 139 HP                         | D-off   | \$174,535      | 33.89                         | 8.88    | 11.64                  | 3.06 | 3.85  | 400 |
|            | T65BR005   |          | 25 TON LOCOMOTIVE, PLANETARY DR, 30" GAUGE, 625 TON CAP, SCH. #24  | 185 HP                         | D-off   | \$165,503      | 34.14                         | 8.41    | 11.03                  | 2.90 | 5.13  | 500 |
|            | T65BR006   |          | 25 TON LOCOMOTIVE, PLANETARY DR, 30" GAUGE, 625 TON CAP, SCH. #31  | 185 HP                         | D-off   | \$191,557      | 38.42                         | 9.74    | 12.77                  | 3.36 | 5.13  | 500 |
|            | T65BR007   |          | 35 TON LOCOMOTIVE, PLANETARY DR, 36" GAUGE, 875 TON CAP, SCH. #24  | 375 HP                         | D-off   | \$220,620      | 50.36                         | 11.23   | 14.71                  | 3.87 | 10.40 | 700 |
|            | T65BR008   |          | 35 TON LOCOMOTIVE, PLANETARY DR, 36" GAUGE, 875 TON CAP, SCH. #31  | 375 HP                         | D-off   | \$241,463      | 53.79                         | 12.29   | 16.10                  | 4.24 | 10.40 | 700 |
|            | T65BR009   |          | 45 TON LOCOMOTIVE, PLANETARY DR, 42" GAUGE, 1125 TON CAP, SCH. #24 | 375 HP                         | D-off   | \$244,895      | 54.35                         | 12.47   | 16.33                  | 4.30 | 10.40 | 900 |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT   | REGION 10   |                                      |  | ENGINE HORSEPOWER<br>FUEL TYPE |           | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|---|---|--------------------------------------|--|--------------------------------|-----------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|   | ID.NO.  | MODEL                                | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER   | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
| T65   | <i>BROOKVILLE MINING (continued)</i>              |                                      |  |                                |           |                |                               |         |                        |      |       |     |
|   | T65BR010  |                                      | 45 TON LOCOMOTIVE, PLANETARY DR, 42" GAUGE, 1125 TON CAP, SCH. #31 | 375 HP                         | D-off     | \$260,525      | 56.91                         | 13.26   | 17.37                  | 4.57 | 10.40 | 900 |
|   | <b>SUBCATEGORY 0.90 OTHER TUNNELING EQUIPMENT</b> |                                      |  |                                |           |                |                               |         |                        |      |       |     |
|   | <b>ANDERSON TUNNELING</b>                         |                                      |  |                                |           |                |                               |         |                        |      |       |     |
|   | T65AT007  |                                      | BRIDGE CONVEYOR  | 25 HP                          | E         | \$58,662       | 16.41                         | 3.39    | 4.69                   | 1.04 | 2.17  | 22  |
|   | T65AT008  |                                      | SLEWING BELT CONVEYOR  | 16 HP                          | E         | \$81,683       | 19.73                         | 4.71    | 6.53                   | 1.45 | 1.39  | 11  |
|   | <b>DOSCO CORPORATION</b>                          |                                      |  |                                |           |                |                               |         |                        |      |       |     |
|   | T65DO007  | 24HC                                 | DUST EXTRACTOR, 11,653 CFM CAP, 77 LBS/HR DUST LOADING             | 50 HP                          | E         | \$52,672       | 17.88                         | 3.04    | 4.21                   | 0.94 | 4.34  | 37  |
|   | T65DO008  | 30HC                                 | DUST EXTRACTOR, 21,188 CFM CAP, 187 LBS/HR DUST LOADING            | 75 HP                          | E         | \$71,743       | 25.39                         | 4.15    | 5.74                   | 1.28 | 6.51  | 64  |
|   | <b>DRESSER INDUSTRIES</b>                         |                                      |  |                                |           |                |                               |         |                        |      |       |     |
|   | T65DR005  | 94L/506C5                            | CONTINUOUS HAULAGE SYSTEM, WITH BRIDGE CONVEYOR                    | 52 HP                          | E         | \$368,575      | 82.40                         | 21.31   | 29.49                  | 6.56 | 4.51  | 156 |
|   | T65DR004  | 5010                                 | CONTINUOUS HAULAGE SYSTEM, WITH BRIDGE CONVEYOR                    | 60 HP                          | E         | \$526,763      | 115.18                        | 30.45   | 42.14                  | 9.38 | 5.21  | 233 |
|   | <b>EIMCO (EJC)</b>                                |                                      |  |                                |           |                |                               |         |                        |      |       |     |
|   | T65EI014  | EJC 955                              | UTILITY VEHICLE, W/SCISSOR LIFT, 3,000 LB PAYLOAD                  | 40 HP                          | D-off     | \$68,683       | 15.49                         | 3.95    | 5.46                   | 1.22 | 1.21  | 60  |
|   | T65EI015  | EKC 975A                             | UTILITY VEHICLE, W/FLATBED   | 90 HP                          | D-off     | \$81,107       | 20.15                         | 4.64    | 6.41                   | 1.44 | 2.72  | 100 |
|   | <b>FLETCHER MINING EQUIPMENT</b>                  |                                      |  |                                |           |                |                               |         |                        |      |       |     |
|   | T65FL006  |                                      | RAIL RANGER, 15-16 PERSON, RAIL TRACK MOUNTED                      | 55 HP                          | D-off     | \$65,949       | 15.50                         | 3.81    | 5.28                   | 1.17 | 1.66  | 150 |
| <b>TELEDYNE SPECIALTY EQUIPMENT CM PRODUCTS</b> |   |                                      |  |                                |           |                |                               |         |                        |      |       |     |
| T65TL003  |   | ANFO EXPLOS. LDR VEH, 1,200 LB CAP   | 84 HP  | D-off                          | \$151,898 | 35.07          | 8.70                          | 11.98   | 2.71                   | 3.05 | 280   |     |
| T65TL005  |   | HEAVY DUTY SCISSOR LIFT, 6,000LB CAP | 84 HP  | D-off                          | \$116,545 | 27.99          | 6.66                          | 9.15    | 2.08                   | 3.05 | 280   |     |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT  | REGION 10      |       |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|--|----------------|-------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|  | ID.NO.         | MODEL | EQUIPMENT DESCRIPTION   | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
| <b>W25 WATER &amp; CO2 BLASTERS</b>                      |                |       |   |                                |         |                |                               |         |                        |      |       |     |
| <b>SUBCATEGORY 0.10 LOW PRESSURE, (&lt; 5,000 PSI)</b>   |                |       |   |                                |         |                |                               |         |                        |      |       |     |
| <b>CDS GROUP</b>   |                |       |   |                                |         |                |                               |         |                        |      |       |     |
| W25CD001   | 16W            |       | ACCUSTRIP WET ABRASIVE BLASTER 6 CF, 1 NOZ (ADD COMPRESSOR)                                     | 1,600 CFM                      | A       | \$16,980       | 10.22                         | 2.04    | 3.40                   | 0.34 | 0.00  | 12  |
| W25CD002   | 220            |       | ACCUSTRIP WET ABRASIVE BLASTER 20 CF, 2 NOZ (ADD COMPRESSOR)                                    | 1,600 CFM                      | A       | \$28,276       | 16.93                         | 3.40    | 5.66                   | 0.57 | 0.00  | 19  |
| <b>SIoux STEAM CLEANER CORPORATION</b>                   |                |       |   |                                |         |                |                               |         |                        |      |       |     |
| W25SD001   | 513-5-E        |       | COLD WATER, 1,400 PSI   | 5 HP                           | E       | \$3,289        | 2.78                          | 0.40    | 0.66                   | 0.07 | 0.59  | 4   |
| W25SD002   | EN-140-H4-1800 |       | HOT WATER, 1,800 PSI  | 3 HP                           | E       | \$7,828        | 5.02                          | 0.95    | 1.57                   | 0.16 | 0.35  | 5   |
| W25SD005   | 514-4-G        |       | COLD WATER, 4 GPM, 2,500 PSI  | 11 HP                          | G       | \$4,417        | 4.43                          | 0.53    | 0.88                   | 0.09 | 1.46  | 4   |
| W25SD003   | 515-5-G        |       | COLD WATER, 3,000 PSI   | 14 HP                          | G       | \$5,062        | 5.32                          | 0.60    | 1.01                   | 0.10 | 1.86  | 5   |
| W25SD004   | 370H           |       | HOT WATER, 3,000 PSI, TRLR MTD  | 23 HP                          | G       | \$10,036       | 9.67                          | 1.18    | 1.96                   | 0.20 | 3.06  | 19  |
| <b>SUBCATEGORY 0.20 HIGH PRESSURE, (&gt;= 5,000 PSI)</b> |                |       |   |                                |         |                |                               |         |                        |      |       |     |
| <b>NLB CORPORATION</b>                                   |                |       |   |                                |         |                |                               |         |                        |      |       |     |
| W25NL001   | NLB 6200       |       | WATER BLASTING PUMPING UNIT, 50 GPM AT 1000-6000 PSI, 50 LF HOSE, ADJUSTABLE DISCHARGE          | 200 HP                         | E       | \$58,469       | 59.52                         | 5.00    | 7.80                   | 1.10 | 23.56 | 118 |
| W25NL003   | NLB 20156D     |       | WATER BLASTING PUMPING UNIT, 13.2 GPM AT 20,000 PSI, 50 LF HOSE (W/CLEANING LANCE) SKID MOUNTED | 150 HP                         | D-off   | \$65,744       | 35.23                         | 5.63    | 8.77                   | 1.24 | 6.17  | 78  |
| W25NL002   | 20250          |       | WATER BLASTER, SKID MOUNTED, (ADD TRUCK, FLATBED TRAILER, AND WATER TANKER)                     | 335 HP                         | D-off   | \$91,000       | 55.89                         | 7.79    | 12.13                  | 1.72 | 13.79 | 140 |
| W25NL004   | 4400           |       | SPIN JET (ADD 2 WTR BLASTER PUMP PACKS)   | 40 HP                          | D-off   | \$125,209      | 53.24                         | 10.66   | 16.58                  | 2.37 | 1.65  | 80  |
| <b>WEATHERFORD U.S., INC.</b>                            |                |       |   |                                |         |                |                               |         |                        |      |       |     |
| W25WE001   | WBE 50         |       | 7 GPM AT 10,000 PSI (WITH 2 NOZZLES) TRAILER MOUNTED  | 50 HP                          | E       | \$27,685       | 20.61                         | 2.33    | 3.62                   | 0.52 | 5.89  | 27  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT        | REGION 10                                 |         |   | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |       | CWT |
|------------|---|---------|---|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|-------|-----|
|            | ID.NO.                                    | MODEL   | EQUIPMENT DESCRIPTION                                       | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL  |     |
|            |   |         |   |                                |         |                |                               |         |                        |      |       |     |
| <b>W25</b> | <b>WEATHERFORD U.S., INC. (continued)</b> |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | W25WE002                                  | WBE 75  | 10 GPM AT 10,000 PSI (WITH 2 NOZZLES)<br>TRAILER MOUNTED    | 75 HP                          | E       | \$30,675       | 26.56                         | 2.59    | 4.02                   | 0.58 | 8.84  | 29  |
|            | W25WE003                                  | WBD 90  | 10 GPM AT 10,000 PSI (WITH 2 NOZZLES)<br>TRAILER MOUNTED    | 91 HP                          | D-off   | \$33,559       | 18.70                         | 2.83    | 4.40                   | 0.63 | 3.75  | 34  |
|            | W25WE004                                  | WBE 150 | 20 GPM AT 10,000 PSI (WITH 2 NOZZLES)<br>TRAILER MOUNTED    | 150 HP                         | E       | \$54,109       | 50.23                         | 4.59    | 7.14                   | 1.02 | 17.67 | 39  |
|            | W25WE005                                  | WBD150  | 20 GPM AT 10,000 PSI (WITH 2 NOZZLES)<br>TRAILER MOUNTED    | 160 HP                         | D-off   | \$66,910       | 36.17                         | 5.68    | 8.85                   | 1.26 | 6.59  | 59  |
|            | W25WE006                                  | WBD200  | 20 GPM AT 16,000 PSI (WITH 2 NOZZLES)<br>TRAILER MOUNTED    | 240 HP                         | D-off   | \$75,367       | 44.13                         | 6.42    | 10.00                  | 1.42 | 9.88  | 84  |
|            | W25WE007                                  | WBD200T | 16 GPM AT 20,000 PSI (WITH 2 NOZZLES)<br>TRAILER MOUNTED    | 230 HP                         | D-off   | \$86,883       | 48.22                         | 7.38    | 11.49                  | 1.64 | 9.47  | 98  |
|            | <b>SUBCATEGORY 0.30 STEAM CLEANERS</b>    |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>ALKOTA CLEANING SYSTEMS, INC.</b>      |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | W25AO001                                  | 90      | 90 GPH, 200 PSI   | 1 HP                           | E       | \$2,208        | 1.94                          | 0.26    | 0.44                   | 0.04 | 0.12  | 4   |
|            | W25AO002                                  | 120     | 130 GPH, 325 PSI  | 1 HP                           | E       | \$2,693        | 2.47                          | 0.32    | 0.54                   | 0.05 | 0.12  | 4   |
|            | W25AO003                                  | 181     | 180 GPH, 250 PSI  | 2 HP                           | E       | \$3,985        | 3.39                          | 0.48    | 0.80                   | 0.08 | 0.24  | 6   |
|            | W25AO004                                  | 240     | 240 GPH, 250 PSI  | 2 HP                           | E       | \$3,855        | 3.57                          | 0.47    | 0.77                   | 0.08 | 0.24  | 6   |
|            | W25AO005                                  | 301T    | 300 GPH, 100 PSI  | 4 HP                           | E       | \$8,168        | 6.89                          | 0.98    | 1.63                   | 0.17 | 0.47  | 10  |
|            | W25AO006                                  | 246     | STEAM GENERATOR, 100 PSI                                    | 1 HP                           | E       | \$5,273        | 3.95                          | 0.64    | 1.05                   | 0.11 | 0.12  | 7   |
|            | <b>SUBCATEGORY 0.40 CO2 BLASTERS</b>      |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | <b>COLD JET</b>                           |         |   |                                |         |                |                               |         |                        |      |       |     |
|            | W25CJ001                                  | 65-100  | CO2 BLASTER 600 LBS/HR SINGLE HOSE<br>DELIVERY (ADD COMPR)  | 20 HP                          | E       | \$137,663      | 41.17                         | 9.39    | 13.77                  | 2.51 | 1.74  | 38  |
|            | W25CJ002                                  | 65-150  | CO2 BLASTER 1200 LBS/HR SINGLE HOSE<br>DELIVERY (ADD COMPR) | 24 HP                          | E       | \$196,431      | 58.06                         | 13.40   | 19.64                  | 3.58 | 2.08  | 47  |
|            | W25CJ003                                  | 65-200  | CO2 BLASTER 1200 LBS/HR DUAL HOSE<br>DELIVERY (ADD COMPR)   | 24 HP                          | E       | \$221,911      | 65.15                         | 15.14   | 22.19                  | 4.04 | 2.08  | 47  |

**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT                    | REGION 10                                    |               |  | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|------------------------|--|---------------|--|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|                        | ID.NO.                                       | MODEL         | EQUIPMENT DESCRIPTION  | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
| <b>W30 WATER TANKS</b> |  |               |  |                                |         |                |                               |         |                        |      |      |     |
|                        | <b>SUBCATEGORY 0.10 PORTABLE WITH WHEELS</b> |               |  |                                |         |                |                               |         |                        |      |      |     |
|                        | <b>MCMASTER</b>                              |               |  |                                |         |                |                               |         |                        |      |      |     |
|                        | W30MG099                                     |               | WATER TANK, PORTABLE, 500 GAL.,<br>POLYETHYLENE (WITH 14' UTILITY TRAILER) |                                |         | \$4,316        | 0.66                          | 0.21    | 0.26                   | 0.08 | 0.00 | 15  |
|                        | <b>SOUTHWEST ENGINEERING</b>                 |               |  |                                |         |                |                               |         |                        |      |      |     |
|                        | W30SO001                                     | EWT-8C        | 8,000 GAL., 10" DISCHG PIPE, MOBILE  | 8 HP                           | G       | \$42,544       | 7.35                          | 2.13    | 2.77                   | 0.75 | 0.73 | 130 |
|                        | W30SO002                                     | EWT-10C       | 10,000 GAL., 10" DISCHG PIPE, MOBILE                                       | 8 HP                           | G       | \$50,909       | 8.59                          | 2.56    | 3.33                   | 0.89 | 0.73 | 170 |
|                        | W30SO003                                     | EWT-12C       | 12,000 GAL., 10" DISCHG PIPE, MOBILE                                       | 8 HP                           | G       | \$55,400       | 9.26                          | 2.79    | 3.63                   | 0.97 | 0.73 | 185 |
|                        | <b>SUBCATEGORY 0.20 SKID MOUNTED</b>         |               |  |                                |         |                |                               |         |                        |      |      |     |
|                        | <b>SOUTHWEST ENGINEERING</b>                 |               |  |                                |         |                |                               |         |                        |      |      |     |
|                        | W30SO004                                     | WST-8         | 8,000 GAL. STAND-TOWER TANK, 10"PIPE                                       |                                |         | \$27,453       | 3.80                          | 1.40    | 1.83                   | 0.48 | 0.00 | 107 |
|                        | W30SO005                                     | WST-10        | 10,000 GAL. STAND-TOWER TANK, 10"PIPE                                      |                                |         | \$30,681       | 4.25                          | 1.56    | 2.05                   | 0.54 | 0.00 | 122 |
|                        | W30SO006                                     | WST-12        | 12,000 GAL. STAND-TOWER TANK, 10"PIPE                                      |                                |         | \$35,405       | 4.90                          | 1.80    | 2.36                   | 0.62 | 0.00 | 142 |
| <b>W35 WELDERS</b>     |  |               |  |                                |         |                |                               |         |                        |      |      |     |
|                        | <b>SUBCATEGORY 0.10 ENGINE DRIVEN</b>        |               |  |                                |         |                |                               |         |                        |      |      |     |
|                        | <b>LINCOLN ELECTRIC COMPANY</b>              |               |  |                                |         |                |                               |         |                        |      |      |     |
|                        | W35LC001                                     | POWER ARC 500 | 150 AMP, STICK WELDER, PORTABLE  | 11 HP                          | G       | \$1,812        | 2.03                          | 0.12    | 0.16                   | 0.04 | 1.23 | 3   |
|                        | W35LC002                                     |               | 225 AMP, STICK & WIRE FEED, TRLR MTD                                       | 20 HP                          | G       | \$4,213        | 3.87                          | 0.26    | 0.35                   | 0.08 | 2.24 | 10  |
|                        | W35LC003                                     | RANGER 9      | 250 AMP, STICK & WIRE FEED, TRLR MTD                                       | 18 HP                          | G       | \$5,160        | 3.81                          | 0.32    | 0.44                   | 0.10 | 2.02 | 13  |
|                        | W35LC004                                     | RANGER 300D   | 300 AMP, STICK & WIRE FEED, TRLR MTD                                       | 26 HP                          | G       | \$9,506        | 5.96                          | 0.58    | 0.81                   | 0.18 | 2.91 | 16  |
|                        | W35LC005                                     | COMMANDER 40  | 400 AMP, STICK & WIRE FEED, TRLR MTD                                       | 44 HP                          | D-off   | \$11,991       | 4.71                          | 0.75    | 1.03                   | 0.23 | 1.52 | 24  |
|                        | W35LC006                                     | COMMANDER 50  | 500 AMP, STICK & WIRE FEED, TRLR MTD                                       | 44 HP                          | D-off   | \$12,186       | 4.76                          | 0.77    | 1.05                   | 0.24 | 1.52 | 24  |



**Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE**

| CAT | REGION 10                               |                 |                              | ENGINE HORSEPOWER<br>FUEL TYPE |         | VALUE<br>(TEV) | TOTAL HOURLY<br>RATES (\$/HR) |         | ADJUSTABLE<br>ELEMENTS |      |      | CWT |
|-----|---|-----------------|------------------------------|--------------------------------|---------|----------------|-------------------------------|---------|------------------------|------|------|-----|
|     | ID.NO.                                  | MODEL           | EQUIPMENT DESCRIPTION        | MAIN                           | CARRIER | 1996 (\$)      | AVERAGE                       | STANDBY | DEPR                   | FCCM | FUEL |     |
|     |   |                 |                              |                                |         |                |                               |         |                        |      |      |     |
|     | <b>SUBCATEGORY 0.20 ELECTRIC DRIVEN</b> |                 |                              |                                |         |                |                               |         |                        |      |      |     |
|     | <b>LINCOLN ELECTRIC COMPANY</b>         |                 |                              |                                |         |                |                               |         |                        |      |      |     |
|     | W35LC018                                | SP-170T         | 170 AMP, WIRE FEEDER         | 5 HP                           | E       | \$751          | 0.47                          | 0.06    | 0.09                   | 0.01 | 0.19 | 1   |
|     | W35LC010                                | LINCWELD 225/12 | 225 AMP, STICK WELDER, AC/DC | 15 HP                          | E       | \$440          | 0.97                          | 0.04    | 0.06                   | 0.01 | 0.56 | 1   |
|     | W35LC019                                | IDEAL ARC SP-22 | 250 AMP, WIRE FEEDER         | 11 HP                          | E       | \$2,131        | 1.16                          | 0.18    | 0.27                   | 0.04 | 0.41 | 3   |
|     | W35LC011                                | IDEAL ARC R3R-3 | 300 AMP, STICK WELDER        | 27 HP                          | E       | \$2,656        | 2.17                          | 0.22    | 0.33                   | 0.05 | 1.00 | 4   |
|     | W35LC012                                | IDEAL ARC R3R-4 | 400 AMP, STICK WELDER        | 35 HP                          | E       | \$2,688        | 2.65                          | 0.22    | 0.34                   | 0.05 | 1.30 | 5   |
|     | W35LC013                                | IDEAL ARC R3R-5 | 500 AMP, STICK WELDER        | 41 HP                          | E       | \$2,679        | 2.99                          | 0.22    | 0.33                   | 0.05 | 1.53 | 5   |
|     | W35LC020                                | PROCUT 80       | 85 AMP, PLASMA CUTTING TORCH | 26 HP                          | E       | \$3,217        | 2.27                          | 0.26    | 0.40                   | 0.06 | 0.97 | 1   |

**TABLE 2-2.**  
**HOURLY RATE ELEMENTS**

This table contains all hourly rate elements as  
described in Chapter 2  
for  
Average and Severe Operating Conditions.

**See Chapter 2, Section II, Operating Conditions, paragraph 2-4.**

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |            | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.    | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>A10</b> | A10AR001   | 0.46                         | 0.07  | 0.00  | 0.00 | 0.00      | 0.00        | 0.45   | 0.98       |                             |      |      |     |           |             |        |            |
|            | A10AR002   | 1.17                         | 0.17  | 0.00  | 0.00 | 0.00      | 0.00        | 1.15   | 2.49       |                             |      |      |     |           |             |        |            |
|            | A10ET001   | 6.74                         | 1.51  | 3.23  | 0.99 | 0.12      | 0.02        | 8.30   | 20.91      |                             |      |      |     |           |             |        |            |
|            | A10ET002   | 7.04                         | 1.58  | 4.04  | 1.24 | 0.12      | 0.02        | 8.66   | 22.70      |                             |      |      |     |           |             |        |            |
|            | A10ET003   | 7.27                         | 1.63  | 3.23  | 0.99 | 0.12      | 0.02        | 8.95   | 22.21      |                             |      |      |     |           |             |        |            |
|            | A10ET004   | 7.38                         | 1.66  | 4.04  | 1.24 | 0.12      | 0.02        | 9.08   | 23.54      |                             |      |      |     |           |             |        |            |
|            | A10RS001   | 6.42                         | 1.45  | 3.32  | 1.02 | 0.19      | 0.03        | 7.91   | 20.34      |                             |      |      |     |           |             |        |            |
|            | A10RS002   | 7.69                         | 1.73  | 3.32  | 1.02 | 0.19      | 0.03        | 9.47   | 23.45      |                             |      |      |     |           |             |        |            |
|            | <b>A15</b> | A15MG099                     | 0.04  | 0.01  | 0.47 | 0.27      | 0.00        | 0.00   | 0.04       | 0.83                        |      |      |     |           |             |        |            |
| A15SR001   |            | 7.81                         | 1.93  | 9.83  | 3.53 | 0.11      | 0.02        | 9.57   | 32.80      |                             |      |      |     |           |             |        |            |
| A15SR002   |            | 9.59                         | 2.37  | 14.41 | 5.18 | 0.15      | 0.03        | 11.75  | 43.48      |                             |      |      |     |           |             |        |            |
| A15SR003   |            | 1.03                         | 0.25  | 1.61  | 0.58 | 0.00      | 0.00        | 1.26   | 4.73       |                             |      |      |     |           |             |        |            |
| A15SR004   |            | 1.20                         | 0.29  | 2.56  | 0.92 | 0.00      | 0.00        | 1.47   | 6.44       |                             |      |      |     |           |             |        |            |
| A15SR005   |            | 1.55                         | 0.38  | 2.62  | 0.94 | 0.00      | 0.00        | 1.89   | 7.38       |                             |      |      |     |           |             |        |            |
| A15XX001   |            | 0.97                         | 0.24  | 5.25  | 2.15 | 0.03      | 0.01        | 1.19   | 9.84       |                             |      |      |     |           |             |        |            |
| A15XX002   |            | 1.03                         | 0.26  | 1.15  | 0.41 | 0.03      | 0.01        | 1.26   | 4.15       |                             |      |      |     |           |             |        |            |
| A15XX004   |            | 1.09                         | 0.27  | 1.61  | 0.58 | 0.03      | 0.01        | 1.33   | 4.92       |                             |      |      |     |           |             |        |            |
| A15XX006   |            | 1.44                         | 0.36  | 1.87  | 0.67 | 0.03      | 0.01        | 1.76   | 6.14       |                             |      |      |     |           |             |        |            |
| A15XX008   |            | 1.53                         | 0.38  | 2.62  | 0.94 | 0.03      | 0.01        | 1.87   | 7.38       |                             |      |      |     |           |             |        |            |
| A15XX009   |            | 2.29                         | 0.57  | 2.62  | 0.94 | 0.03      | 0.01        | 2.81   | 9.27       |                             |      |      |     |           |             |        |            |
| A15XX010   |            | 2.90                         | 0.73  | 3.77  | 1.35 | 0.15      | 0.03        | 3.57   | 12.50      |                             |      |      |     |           |             |        |            |
| A15XX011   |            | 3.67                         | 0.92  | 5.70  | 2.05 | 0.15      | 0.03        | 4.51   | 17.03      |                             |      |      |     |           |             |        |            |
| A15XX012   |            | 5.26                         | 1.31  | 7.37  | 2.65 | 0.15      | 0.03        | 6.46   | 23.23      |                             |      |      |     |           |             |        |            |
| A15XX013   |            | 5.72                         | 1.42  | 7.86  | 2.82 | 0.15      | 0.03        | 7.02   | 25.02      |                             |      |      |     |           |             |        |            |
| A15XX014   |            | 6.27                         | 1.56  | 10.32 | 3.71 | 0.15      | 0.03        | 7.70   | 29.74      |                             |      |      |     |           |             |        |            |
| A15XX015   |            | 9.62                         | 2.38  | 11.47 | 4.12 | 0.15      | 0.03        | 11.79  | 39.56      |                             |      |      |     |           |             |        |            |
| A15XX016   | 10.40      | 2.58                         | 14.25 | 5.12  | 0.19 | 0.03      | 12.75       | 45.32  |            |                             |      |      |     |           |             |        |            |
| A15XX017   | 10.48      | 2.60                         | 14.25 | 5.12  | 0.19 | 0.03      | 12.85       | 45.52  |            |                             |      |      |     |           |             |        |            |
| A15XX018   | 9.43       | 2.34                         | 17.20 | 6.18  | 0.19 | 0.03      | 11.56       | 46.93  |            |                             |      |      |     |           |             |        |            |
| <b>A20</b> | A20CK001   | 0.33                         | 0.03  | 0.00  | 0.00 | 0.00      | 0.00        | 0.75   | 1.11       |                             |      |      |     |           |             |        |            |
|            | A20CK002   | 0.18                         | 0.02  | 0.00  | 0.00 | 0.00      | 0.00        | 0.42   | 0.62       |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>A20</b> | <b>cont.</b> |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | A20CK003     | 0.36                         | 0.04 | 0.00 | 0.00 | 0.00      | 0.00        | 0.82   | 1.22       |                             |      |      |     |           |             |        |            |
|            | A20CK004     | 0.39                         | 0.04 | 0.00 | 0.00 | 0.00      | 0.00        | 0.89   | 1.32       |                             |      |      |     |           |             |        |            |
|            | A20CK005     | 0.43                         | 0.04 | 0.00 | 0.00 | 0.00      | 0.00        | 0.98   | 1.45       |                             |      |      |     |           |             |        |            |
|            | A20CK006     | 0.26                         | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.59   | 0.88       |                             |      |      |     |           |             |        |            |
|            | A20CK007     | 0.24                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.55   | 0.81       |                             |      |      |     |           |             |        |            |
|            | A20CK008     | 0.26                         | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.60   | 0.89       |                             |      |      |     |           |             |        |            |
|            | A20CK009     | 0.29                         | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.66   | 0.98       |                             |      |      |     |           |             |        |            |
|            | A20CK010     | 0.29                         | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.66   | 0.98       |                             |      |      |     |           |             |        |            |
|            | A20CM009     | 4.06                         | 0.41 | 0.00 | 0.30 | 0.00      | 0.00        | 9.31   | 14.08      |                             |      |      |     |           |             |        |            |
|            | A20CM010     | 0.32                         | 0.03 | 0.00 | 0.06 | 0.00      | 0.00        | 0.73   | 1.14       |                             |      |      |     |           |             |        |            |
|            | A20CM011     | 0.61                         | 0.06 | 0.00 | 0.06 | 0.00      | 0.00        | 1.40   | 2.13       |                             |      |      |     |           |             |        |            |
|            | A20CM012     | 0.71                         | 0.07 | 0.00 | 0.13 | 0.00      | 0.00        | 1.63   | 2.54       |                             |      |      |     |           |             |        |            |
|            | A20CM013     | 2.66                         | 0.28 | 0.00 | 0.28 | 0.10      | 0.02        | 6.16   | 9.50       |                             |      |      |     |           |             |        |            |
|            | A20CM014     | 3.06                         | 0.34 | 0.00 | 0.41 | 0.21      | 0.04        | 7.15   | 11.21      |                             |      |      |     |           |             |        |            |
|            | A20CM015     | 3.95                         | 0.43 | 0.00 | 0.50 | 0.19      | 0.03        | 9.18   | 14.28      |                             |      |      |     |           |             |        |            |
|            | A20CM016     | 2.89                         | 0.29 | 0.00 | 0.30 | 0.00      | 0.00        | 6.62   | 10.10      |                             |      |      |     |           |             |        |            |
|            | A20CM017     | 0.12                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.26   | 0.39       |                             |      |      |     |           |             |        |            |
|            | A20CM018     | 0.16                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.35   | 0.52       |                             |      |      |     |           |             |        |            |
|            | A20CM019     | 0.20                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.45   | 0.67       |                             |      |      |     |           |             |        |            |
|            | A20WC002     | 0.27                         | 0.03 | 0.12 | 0.21 | 0.00      | 0.00        | 0.61   | 1.24       |                             |      |      |     |           |             |        |            |
|            | A20WC004     | 0.72                         | 0.07 | 0.36 | 0.15 | 0.00      | 0.00        | 1.66   | 2.96       |                             |      |      |     |           |             |        |            |
|            | A20XX001     | 0.04                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.00        | 0.07   | 0.11       |                             |      |      |     |           |             |        |            |
|            | A20XX002     | 0.11                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.23   | 0.35       |                             |      |      |     |           |             |        |            |
|            | A20XX003     | 0.14                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.29   | 0.44       |                             |      |      |     |           |             |        |            |
|            | A20XX004     | 0.17                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.35   | 0.53       |                             |      |      |     |           |             |        |            |
|            | A20XX005     | 0.21                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.43   | 0.66       |                             |      |      |     |           |             |        |            |
|            | A20XX006     | 0.30                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.62   | 0.94       |                             |      |      |     |           |             |        |            |
|            | A20XX007     | 0.37                         | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.76   | 1.16       |                             |      |      |     |           |             |        |            |
|            | A20XX008     | 0.57                         | 0.04 | 0.00 | 0.00 | 0.00      | 0.00        | 1.16   | 1.77       |                             |      |      |     |           |             |        |            |
|            | A20XX009     | 0.06                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.00        | 0.13   | 0.19       |                             |      |      |     |           |             |        |            |
|            | A20XX010     | 0.08                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.16   | 0.25       |                             |      |      |     |           |             |        |            |
|            | A20XX011     | 0.11                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.21   | 0.33       |                             |      |      |     |           |             |        |            |
|            | A20XX012     | 0.12                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.24   | 0.37       |                             |      |      |     |           |             |        |            |
|            | A20XX013     | 0.14                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.29   | 0.44       |                             |      |      |     |           |             |        |            |
|            | A20XX014     | 0.23                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.47   | 0.72       |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>A20</b> | <i>cont.</i> |                              |      |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | A20XX015     | 0.26                         | 0.02 | 0.00  | 0.00 | 0.00      | 0.00        | 0.52   | 0.80       |                             |      |      |     |           |             |        |            |
|            | A20XX016     | 0.36                         | 0.03 | 0.00  | 0.00 | 0.00      | 0.00        | 0.74   | 1.13       |                             |      |      |     |           |             |        |            |
| <b>A25</b> | A25RS002     | 4.39                         | 0.80 | 0.00  | 1.50 | 0.00      | 0.00        | 6.11   | 12.80      |                             |      |      |     |           |             |        |            |
|            | A25RS004     | 4.77                         | 0.87 | 0.00  | 0.00 | 0.00      | 0.00        | 6.64   | 12.28      |                             |      |      |     |           |             |        |            |
|            | A25RS006     | 4.84                         | 0.88 | 0.00  | 0.00 | 0.00      | 0.00        | 6.74   | 12.46      |                             |      |      |     |           |             |        |            |
|            | A25RS008     | 5.56                         | 1.01 | 0.00  | 1.80 | 0.00      | 0.00        | 7.74   | 16.11      |                             |      |      |     |           |             |        |            |
| <b>A30</b> | A30BG002     | 19.19                        | 4.44 | 3.19  | 2.65 | 1.54      | 0.28        | 31.66  | 62.95      |                             |      |      |     |           |             |        |            |
|            | A30BG003     | 20.71                        | 4.79 | 4.30  | 3.04 | 1.69      | 0.31        | 34.18  | 69.02      |                             |      |      |     |           |             |        |            |
|            | A30BG004     | 19.12                        | 4.26 | 2.97  | 2.57 | 0.00      | 0.00        | 31.32  | 60.24      |                             |      |      |     |           |             |        |            |
|            | A30BG005     | 22.69                        | 5.05 | 4.30  | 3.04 | 0.00      | 0.00        | 37.15  | 72.23      |                             |      |      |     |           |             |        |            |
|            | A30BG006     | 24.42                        | 5.44 | 5.54  | 3.49 | 0.00      | 0.00        | 39.98  | 78.87      |                             |      |      |     |           |             |        |            |
|            | A30BG007     | 15.23                        | 3.45 | 2.97  | 2.57 | 0.57      | 0.10        | 25.03  | 49.92      |                             |      |      |     |           |             |        |            |
|            | A30BK010     | 9.04                         | 2.06 | 1.30  | 0.47 | 0.51      | 0.09        | 14.88  | 28.35      |                             |      |      |     |           |             |        |            |
|            | A30BK011     | 13.34                        | 3.04 | 2.91  | 1.05 | 0.70      | 0.13        | 21.95  | 43.12      |                             |      |      |     |           |             |        |            |
|            | A30BK012     | 15.32                        | 3.50 | 2.99  | 1.07 | 0.88      | 0.16        | 25.21  | 49.13      |                             |      |      |     |           |             |        |            |
|            | A30BK013     | 16.19                        | 3.69 | 4.02  | 1.44 | 0.88      | 0.16        | 26.63  | 53.01      |                             |      |      |     |           |             |        |            |
|            | A30BK014     | 18.30                        | 4.19 | 4.68  | 1.68 | 1.12      | 0.20        | 30.14  | 60.31      |                             |      |      |     |           |             |        |            |
|            | A30BK015     | 18.68                        | 4.27 | 5.10  | 1.83 | 1.12      | 0.20        | 30.76  | 61.96      |                             |      |      |     |           |             |        |            |
|            | A30BK016     | 16.77                        | 3.73 | 2.77  | 0.99 | 0.00      | 0.00        | 27.46  | 51.72      |                             |      |      |     |           |             |        |            |
|            | A30BK017     | 20.34                        | 4.53 | 4.68  | 1.68 | 0.00      | 0.00        | 33.30  | 64.53      |                             |      |      |     |           |             |        |            |
|            | A30BK018     | 20.67                        | 4.60 | 5.10  | 1.83 | 0.00      | 0.00        | 33.84  | 66.04      |                             |      |      |     |           |             |        |            |
|            | A30BK019     | 13.01                        | 2.94 | 2.91  | 1.05 | 0.41      | 0.07        | 17.09  | 37.48      |                             |      |      |     |           |             |        |            |
|            | A30BK020     | 16.80                        | 3.78 | 4.80  | 1.72 | 0.46      | 0.08        | 22.06  | 49.70      |                             |      |      |     |           |             |        |            |
|            | A30CA001     | 4.04                         | 0.90 | 0.97  | 0.35 | 0.00      | 0.00        | 6.62   | 12.88      |                             |      |      |     |           |             |        |            |
|            | A30CA002     | 17.60                        | 4.00 | 2.97  | 1.07 | 0.85      | 0.15        | 28.94  | 55.58      |                             |      |      |     |           |             |        |            |
|            | A30CA004     | 22.75                        | 5.06 | 4.30  | 1.54 | 0.00      | 0.00        | 37.25  | 70.90      |                             |      |      |     |           |             |        |            |
|            | A30CA006     | 20.73                        | 4.72 | 4.30  | 1.54 | 1.05      | 0.19        | 34.10  | 66.63      |                             |      |      |     |           |             |        |            |
|            | A30CA007     | 7.91                         | 1.79 | 2.97  | 1.07 | 0.29      | 0.05        | 10.39  | 24.47      |                             |      |      |     |           |             |        |            |
|            | A30CA010     | 25.06                        | 5.67 | 11.92 | 4.28 | 0.87      | 0.16        | 32.94  | 80.90      |                             |      |      |     |           |             |        |            |
|            | A30XX001     | 7.78                         | 2.09 | 2.86  | 0.87 | 0.45      | 0.08        | 7.04   | 21.17      |                             |      |      |     |           |             |        |            |
|            | A30XX002     | 9.12                         | 2.40 | 2.86  | 0.87 | 0.00      | 0.00        | 8.22   | 23.47      |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |          | AVERAGE OPERATING CONDITIONS |      |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|----------|------------------------------|------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.  | DEPR                         | FCCM | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>A35</b> | A35AE001 | 0.54                         | 0.08 | 0.00  | 1.95  | 0.05      | 0.01        | 0.72   | 3.35       |                             |      |      |     |           |             |        |            |
|            | A35AE002 | 0.59                         | 0.09 | 0.00  | 2.65  | 0.05      | 0.01        | 0.78   | 4.17       |                             |      |      |     |           |             |        |            |
|            | A35AE003 | 0.68                         | 0.10 | 0.00  | 3.00  | 0.03      | 0.01        | 0.90   | 4.72       |                             |      |      |     |           |             |        |            |
|            | A35AE004 | 0.81                         | 0.12 | 0.00  | 3.90  | 0.03      | 0.01        | 1.07   | 5.94       |                             |      |      |     |           |             |        |            |
|            | A35AE005 | 0.94                         | 0.14 | 0.00  | 6.10  | 0.06      | 0.01        | 1.24   | 8.49       |                             |      |      |     |           |             |        |            |
|            |          |                              |      |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
| <b>A40</b> | A40CA004 | 28.75                        | 6.40 | 12.47 | 4.48  | 0.00      | 0.00        | 47.08  | 99.18      |                             |      |      |     |           |             |        |            |
|            | A40CA007 | 38.04                        | 8.47 | 14.55 | 5.23  | 0.00      | 0.00        | 62.29  | 128.58     |                             |      |      |     |           |             |        |            |
|            | A40CA011 | 25.04                        | 5.66 | 11.92 | 4.28  | 0.75      | 0.14        | 41.12  | 88.91      |                             |      |      |     |           |             |        |            |
| <b>A45</b> | A45AE001 | 0.78                         | 0.15 | 0.00  | 7.10  | 0.05      | 0.01        | 1.16   | 9.25       |                             |      |      |     |           |             |        |            |
|            | A45AE002 | 1.55                         | 0.29 | 0.00  | 14.25 | 0.05      | 0.01        | 2.29   | 18.44      |                             |      |      |     |           |             |        |            |
|            | A45AE003 | 1.83                         | 0.34 | 0.00  | 16.85 | 0.05      | 0.01        | 2.70   | 21.78      |                             |      |      |     |           |             |        |            |
|            | A45SE002 | 1.94                         | 0.36 | 1.82  | 2.00  | 0.03      | 0.01        | 2.87   | 9.03       |                             |      |      |     |           |             |        |            |
|            | A45SE003 | 2.65                         | 0.49 | 2.73  | 3.12  | 0.06      | 0.01        | 3.91   | 12.97      |                             |      |      |     |           |             |        |            |
|            | A45SE004 | 1.51                         | 0.29 | 1.46  | 1.10  | 0.09      | 0.02        | 2.24   | 6.71       |                             |      |      |     |           |             |        |            |
|            | A45XX001 | 3.91                         | 0.73 | 0.64  | 0.23  | 0.12      | 0.02        | 5.79   | 11.44      |                             |      |      |     |           |             |        |            |
|            |          |                              |      |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
| <b>B10</b> | B10CC001 | 1.95                         | 0.40 | 0.81  | 2.47  | 0.00      | 0.00        | 3.00   | 8.63       |                             |      |      |     |           |             |        |            |
|            | B10CC002 | 2.64                         | 0.54 | 1.21  | 3.20  | 0.00      | 0.00        | 4.07   | 11.66      |                             |      |      |     |           |             |        |            |
|            | B10CC003 | 3.37                         | 0.68 | 2.02  | 4.67  | 0.00      | 0.00        | 5.20   | 15.94      |                             |      |      |     |           |             |        |            |
|            | B10CC004 | 4.10                         | 0.83 | 2.42  | 5.40  | 0.00      | 0.00        | 6.32   | 19.07      |                             |      |      |     |           |             |        |            |
|            | B10CC005 | 4.65                         | 0.94 | 4.03  | 6.83  | 0.00      | 0.00        | 7.17   | 23.62      |                             |      |      |     |           |             |        |            |
|            | B10CC007 | 2.61                         | 0.54 | 1.64  | 3.67  | 0.13      | 0.02        | 4.04   | 12.65      |                             |      |      |     |           |             |        |            |
|            | B10CC008 | 5.61                         | 1.21 | 14.83 | 9.59  | 0.92      | 0.17        | 8.72   | 41.05      |                             |      |      |     |           |             |        |            |
|            | B10CC009 | 7.49                         | 1.63 | 18.20 | 11.22 | 1.54      | 0.28        | 11.67  | 52.03      |                             |      |      |     |           |             |        |            |
|            | B10CC010 | 8.21                         | 1.78 | 18.20 | 11.47 | 1.54      | 0.28        | 12.79  | 54.27      |                             |      |      |     |           |             |        |            |
|            | B10CC011 | 1.86                         | 0.38 | 1.61  | 1.93  | 0.00      | 0.00        | 2.87   | 8.65       |                             |      |      |     |           |             |        |            |
|            | B10CC012 | 1.63                         | 0.33 | 1.64  | 1.42  | 0.00      | 0.00        | 2.51   | 7.53       |                             |      |      |     |           |             |        |            |
|            | B10CC013 | 1.97                         | 0.40 | 1.64  | 1.47  | 0.00      | 0.00        | 3.04   | 8.52       |                             |      |      |     |           |             |        |            |
|            | B10CC014 | 0.57                         | 0.12 | 0.40  | 0.73  | 0.00      | 0.00        | 0.88   | 2.70       |                             |      |      |     |           |             |        |            |
|            | B10CL001 | 10.79                        | 2.23 | 4.84  | 6.79  | 0.39      | 0.07        | 16.67  | 41.78      |                             |      |      |     |           |             |        |            |
|            | B10CL002 | 11.38                        | 2.35 | 4.84  | 7.29  | 0.39      | 0.07        | 17.59  | 43.91      |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>B10</b> | <b>cont.</b> |                              |      |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | B10CL003     | 9.64                         | 1.98 | 3.63  | 5.60  | 0.20      | 0.04        | 14.88  | 35.97      |                             |      |      |     |           |             |        |            |
|            | B10CL004     | 14.89                        | 3.06 | 6.85  | 7.95  | 0.39      | 0.07        | 22.99  | 56.20      |                             |      |      |     |           |             |        |            |
|            | B10CL005     | 16.12                        | 3.31 | 9.67  | 10.08 | 0.39      | 0.07        | 24.90  | 64.54      |                             |      |      |     |           |             |        |            |
|            | B10CL006     | 16.51                        | 3.39 | 9.67  | 10.08 | 0.39      | 0.07        | 25.50  | 65.61      |                             |      |      |     |           |             |        |            |
|            | B10CL007     | 16.15                        | 3.32 | 23.78 | 18.73 | 0.39      | 0.07        | 24.93  | 87.37      |                             |      |      |     |           |             |        |            |
|            | B10CL008     | 16.18                        | 3.32 | 27.81 | 21.55 | 0.39      | 0.07        | 24.99  | 94.31      |                             |      |      |     |           |             |        |            |
|            | B10CL009     | 9.69                         | 1.98 | 3.22  | 4.86  | 0.17      | 0.03        | 14.95  | 34.90      |                             |      |      |     |           |             |        |            |
|            | B10CL015     | 8.86                         | 1.80 | 2.42  | 3.90  | 0.00      | 0.00        | 13.66  | 30.64      |                             |      |      |     |           |             |        |            |
|            | B10CL016     | 14.23                        | 2.89 | 3.22  | 4.86  | 0.00      | 0.00        | 21.92  | 47.12      |                             |      |      |     |           |             |        |            |
|            | B10CL017     | 14.77                        | 3.00 | 3.22  | 4.86  | 0.00      | 0.00        | 22.77  | 48.62      |                             |      |      |     |           |             |        |            |
|            | B10CL018     | 17.34                        | 3.52 | 6.04  | 6.99  | 0.00      | 0.00        | 26.73  | 60.62      |                             |      |      |     |           |             |        |            |
|            | B10CL019     | 17.96                        | 3.64 | 24.18 | 18.96 | 0.00      | 0.00        | 27.68  | 92.42      |                             |      |      |     |           |             |        |            |
|            | B10CL020     | 9.85                         | 2.00 | 3.22  | 4.86  | 0.00      | 0.00        | 15.17  | 35.10      |                             |      |      |     |           |             |        |            |
|            | B10CL021     | 4.69                         | 0.97 | 2.82  | 4.13  | 0.16      | 0.03        | 7.24   | 20.04      |                             |      |      |     |           |             |        |            |
|            | B10CL024     | 13.96                        | 2.83 | 16.12 | 12.80 | 0.00      | 0.00        | 21.51  | 67.22      |                             |      |      |     |           |             |        |            |
|            | B10CL025     | 15.73                        | 3.21 | 16.12 | 12.80 | 0.16      | 0.03        | 24.26  | 72.31      |                             |      |      |     |           |             |        |            |
|            | B10CL026     | 1.39                         | 0.28 | 0.00  | 0.00  | 0.00      | 0.00        | 2.14   | 3.81       |                             |      |      |     |           |             |        |            |
|            | B10CL027     | 1.62                         | 0.33 | 0.00  | 0.00  | 0.00      | 0.00        | 2.50   | 4.45       |                             |      |      |     |           |             |        |            |
|            | B10CL028     | 1.87                         | 0.38 | 0.00  | 0.00  | 0.00      | 0.00        | 2.88   | 5.13       |                             |      |      |     |           |             |        |            |
|            | B10CL029     | 2.07                         | 0.42 | 0.00  | 0.00  | 0.00      | 0.00        | 3.19   | 5.68       |                             |      |      |     |           |             |        |            |
|            | B10CL030     | 2.56                         | 0.52 | 0.00  | 0.00  | 0.00      | 0.00        | 3.95   | 7.03       |                             |      |      |     |           |             |        |            |
|            | B10CL031     | 3.73                         | 0.76 | 0.00  | 0.00  | 0.00      | 0.00        | 5.75   | 10.24      |                             |      |      |     |           |             |        |            |
|            | B10CL032     | 0.31                         | 0.06 | 0.81  | 0.97  | 0.00      | 0.00        | 0.48   | 2.63       |                             |      |      |     |           |             |        |            |
|            | B10CL033     | 0.39                         | 0.08 | 1.21  | 1.30  | 0.00      | 0.00        | 0.59   | 3.57       |                             |      |      |     |           |             |        |            |
|            | B10CL034     | 0.42                         | 0.08 | 1.61  | 1.63  | 0.00      | 0.00        | 0.64   | 4.38       |                             |      |      |     |           |             |        |            |
|            | B10CL035     | 0.62                         | 0.12 | 2.02  | 1.97  | 0.00      | 0.00        | 0.95   | 5.68       |                             |      |      |     |           |             |        |            |
|            | B10CL036     | 0.26                         | 0.05 | 0.64  | 0.77  | 0.00      | 0.00        | 0.40   | 2.12       |                             |      |      |     |           |             |        |            |
|            | B10CL038     | 0.32                         | 0.07 | 1.21  | 1.25  | 0.00      | 0.00        | 0.50   | 3.35       |                             |      |      |     |           |             |        |            |
|            | B10CL040     | 0.36                         | 0.07 | 1.61  | 1.58  | 0.00      | 0.00        | 0.56   | 4.18       |                             |      |      |     |           |             |        |            |
|            | B10CL041     | 0.41                         | 0.08 | 1.61  | 1.63  | 0.00      | 0.00        | 0.64   | 4.37       |                             |      |      |     |           |             |        |            |
|            | B10CL042     | 0.24                         | 0.05 | 0.40  | 0.58  | 0.00      | 0.00        | 0.36   | 1.63       |                             |      |      |     |           |             |        |            |
|            | B10CL043     | 0.28                         | 0.06 | 0.64  | 0.82  | 0.00      | 0.00        | 0.44   | 2.24       |                             |      |      |     |           |             |        |            |
|            | B10CL045     | 0.32                         | 0.07 | 0.81  | 1.02  | 0.00      | 0.00        | 0.50   | 2.72       |                             |      |      |     |           |             |        |            |
|            | B10CL046     | 0.36                         | 0.07 | 0.81  | 1.07  | 0.00      | 0.00        | 0.55   | 2.86       |                             |      |      |     |           |             |        |            |
|            | B10IE001     | 2.81                         | 0.57 | 0.24  | 1.64  | 0.05      | 0.01        | 4.33   | 9.65       |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |      |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|-------|------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>B10</b> | <b>cont.</b> |                              |       |      |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | B10IE002     | 3.51                         | 0.71  | 0.40 | 1.73  | 0.00      | 0.00        | 5.41   | 11.76      |                             |      |      |     |           |             |        |            |
|            | B10IE003     | 0.48                         | 0.10  | 0.24 | 0.64  | 0.00      | 0.00        | 0.74   | 2.20       |                             |      |      |     |           |             |        |            |
|            | B10KL001     | 7.44                         | 1.54  | 3.05 | 1.10  | 0.34      | 0.06        | 11.50  | 25.03      |                             |      |      |     |           |             |        |            |
|            | B10KL004     | 7.64                         | 1.58  | 3.05 | 1.10  | 0.37      | 0.07        | 11.82  | 25.63      |                             |      |      |     |           |             |        |            |
|            | B10KL005     | 7.94                         | 1.65  | 3.05 | 1.10  | 0.41      | 0.07        | 12.28  | 26.50      |                             |      |      |     |           |             |        |            |
|            | B10RC001     | 9.31                         | 1.92  | 4.23 | 7.19  | 0.30      | 0.05        | 14.38  | 37.38      |                             |      |      |     |           |             |        |            |
|            | B10RC002     | 9.01                         | 1.86  | 2.02 | 3.67  | 0.30      | 0.05        | 13.92  | 30.83      |                             |      |      |     |           |             |        |            |
|            | B10RC003     | 11.71                        | 2.42  | 4.43 | 7.56  | 0.44      | 0.08        | 18.10  | 44.74      |                             |      |      |     |           |             |        |            |
|            | B10RC004     | 8.69                         | 1.79  | 2.42 | 4.40  | 0.27      | 0.05        | 13.42  | 31.04      |                             |      |      |     |           |             |        |            |
|            | B10RC005     | 11.43                        | 2.36  | 3.47 | 7.00  | 0.44      | 0.08        | 17.67  | 42.45      |                             |      |      |     |           |             |        |            |
|            | B10RC006     | 10.94                        | 2.26  | 3.67 | 6.62  | 0.44      | 0.08        | 16.90  | 40.91      |                             |      |      |     |           |             |        |            |
|            | B10RC007     | 8.78                         | 1.81  | 1.81 | 3.54  | 0.30      | 0.05        | 13.56  | 29.85      |                             |      |      |     |           |             |        |            |
|            | B10RC008     | 8.90                         | 1.83  | 1.81 | 3.54  | 0.30      | 0.05        | 13.74  | 30.17      |                             |      |      |     |           |             |        |            |
|            | B10RC009     | 8.42                         | 1.73  | 2.94 | 4.70  | 0.27      | 0.05        | 13.00  | 31.11      |                             |      |      |     |           |             |        |            |
|            | B10RC010     | 9.39                         | 1.93  | 2.94 | 4.70  | 0.27      | 0.05        | 14.51  | 33.79      |                             |      |      |     |           |             |        |            |
|            | B10RC011     | 9.85                         | 2.04  | 3.87 | 6.73  | 0.44      | 0.08        | 15.23  | 38.24      |                             |      |      |     |           |             |        |            |
|            | B10RC012     | 17.90                        | 3.63  | 1.21 | 5.45  | 0.00      | 0.00        | 27.59  | 55.78      |                             |      |      |     |           |             |        |            |
|            | B10RC013     | 22.48                        | 4.56  | 1.21 | 5.70  | 0.00      | 0.00        | 34.64  | 68.59      |                             |      |      |     |           |             |        |            |
|            | B10RC014     | 18.01                        | 3.65  | 1.21 | 5.45  | 0.00      | 0.00        | 27.76  | 56.08      |                             |      |      |     |           |             |        |            |
|            | B10RC015     | 22.59                        | 4.58  | 1.21 | 5.70  | 0.00      | 0.00        | 34.81  | 68.89      |                             |      |      |     |           |             |        |            |
|            | B10RC016     | 18.87                        | 3.88  | 6.04 | 8.99  | 0.51      | 0.09        | 29.14  | 67.52      |                             |      |      |     |           |             |        |            |
|            | B10RC017     | 30.58                        | 6.27  | 2.42 | 5.90  | 0.75      | 0.14        | 47.21  | 93.27      |                             |      |      |     |           |             |        |            |
|            | B10RC023     | 18.85                        | 3.86  | 3.22 | 6.86  | 0.36      | 0.07        | 29.09  | 62.31      |                             |      |      |     |           |             |        |            |
|            | B10RC024     | 21.11                        | 4.34  | 4.84 | 8.79  | 0.57      | 0.10        | 32.60  | 72.35      |                             |      |      |     |           |             |        |            |
|            | B10RC025     | 22.60                        | 4.64  | 6.45 | 10.72 | 0.57      | 0.10        | 34.90  | 79.98      |                             |      |      |     |           |             |        |            |
|            | B10RC026     | 55.15                        | 11.28 | 9.67 | 13.58 | 1.02      | 0.19        | 85.11  | 176.00     |                             |      |      |     |           |             |        |            |
|            | B10SN001     | 5.56                         | 1.13  | 0.00 | 1.50  | 0.00      | 0.00        | 8.57   | 16.76      |                             |      |      |     |           |             |        |            |
|            | B10SN002     | 5.87                         | 1.19  | 0.00 | 1.60  | 0.00      | 0.00        | 9.05   | 17.71      |                             |      |      |     |           |             |        |            |
|            | B10SN003     | 6.22                         | 1.26  | 0.00 | 1.65  | 0.00      | 0.00        | 9.58   | 18.71      |                             |      |      |     |           |             |        |            |
|            | B10SN004     | 6.34                         | 1.29  | 0.00 | 1.65  | 0.00      | 0.00        | 9.77   | 19.05      |                             |      |      |     |           |             |        |            |
|            | B10SN005     | 6.81                         | 1.38  | 0.00 | 1.70  | 0.00      | 0.00        | 10.49  | 20.38      |                             |      |      |     |           |             |        |            |
|            | B10SN006     | 6.98                         | 1.42  | 0.00 | 1.70  | 0.00      | 0.00        | 10.76  | 20.86      |                             |      |      |     |           |             |        |            |
|            | B10SN007     | 7.50                         | 1.52  | 0.00 | 1.75  | 0.00      | 0.00        | 11.57  | 22.34      |                             |      |      |     |           |             |        |            |
|            | B10SN008     | 7.64                         | 1.55  | 0.00 | 1.75  | 0.00      | 0.00        | 11.78  | 22.72      |                             |      |      |     |           |             |        |            |
|            | B10SN009     | 8.30                         | 1.68  | 0.00 | 1.85  | 0.00      | 0.00        | 12.78  | 24.61      |                             |      |      |     |           |             |        |            |



**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |  |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|--|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |  |
| <b>B10</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |  |
|            | B10SN010     | 2.95                         | 0.60 | 0.00 | 1.30 | 0.00      | 0.00        | 4.55   | 9.40       |                             |      |      |     |           |             |        |            |  |
|            | B10SN011     | 3.10                         | 0.63 | 0.00 | 1.30 | 0.00      | 0.00        | 4.78   | 9.81       |                             |      |      |     |           |             |        |            |  |
|            | B10SN012     | 3.22                         | 0.65 | 0.00 | 1.30 | 0.00      | 0.00        | 4.97   | 10.14      |                             |      |      |     |           |             |        |            |  |
|            | B10SN013     | 3.53                         | 0.72 | 0.00 | 1.35 | 0.00      | 0.00        | 5.44   | 11.04      |                             |      |      |     |           |             |        |            |  |
|            | B10SN014     | 4.97                         | 1.01 | 0.00 | 1.50 | 0.00      | 0.00        | 7.66   | 15.14      |                             |      |      |     |           |             |        |            |  |
|            | B10SN015     | 3.76                         | 0.76 | 0.00 | 1.40 | 0.00      | 0.00        | 5.80   | 11.72      |                             |      |      |     |           |             |        |            |  |
|            | B10SN016     | 5.31                         | 1.08 | 0.00 | 1.50 | 0.00      | 0.00        | 8.19   | 16.08      |                             |      |      |     |           |             |        |            |  |
|            | B10SN017     | 4.15                         | 0.84 | 0.00 | 1.40 | 0.00      | 0.00        | 6.39   | 12.78      |                             |      |      |     |           |             |        |            |  |
|            | B10SN018     | 5.73                         | 1.16 | 0.00 | 1.55 | 0.00      | 0.00        | 8.83   | 17.27      |                             |      |      |     |           |             |        |            |  |
|            | B10SN019     | 2.17                         | 0.44 | 0.00 | 1.20 | 0.00      | 0.00        | 3.34   | 7.15       |                             |      |      |     |           |             |        |            |  |
|            | B10SN020     | 2.28                         | 0.46 | 0.00 | 1.20 | 0.00      | 0.00        | 3.52   | 7.46       |                             |      |      |     |           |             |        |            |  |
|            | B10SN021     | 2.40                         | 0.49 | 0.00 | 1.20 | 0.00      | 0.00        | 3.70   | 7.79       |                             |      |      |     |           |             |        |            |  |
|            | B10SN022     | 2.71                         | 0.55 | 0.00 | 1.25 | 0.00      | 0.00        | 4.18   | 8.69       |                             |      |      |     |           |             |        |            |  |
|            | B10SN023     | 4.15                         | 0.84 | 0.00 | 1.40 | 0.00      | 0.00        | 6.40   | 12.79      |                             |      |      |     |           |             |        |            |  |
|            | B10SN024     | 2.95                         | 0.60 | 0.00 | 1.30 | 0.00      | 0.00        | 4.54   | 9.39       |                             |      |      |     |           |             |        |            |  |
|            | B10SN025     | 4.49                         | 0.91 | 0.00 | 1.40 | 0.00      | 0.00        | 6.93   | 13.73      |                             |      |      |     |           |             |        |            |  |
|            | B10SN026     | 3.33                         | 0.68 | 0.00 | 1.30 | 0.00      | 0.00        | 5.13   | 10.44      |                             |      |      |     |           |             |        |            |  |
|            | B10SN027     | 4.91                         | 1.00 | 0.00 | 1.50 | 0.00      | 0.00        | 7.57   | 14.98      |                             |      |      |     |           |             |        |            |  |
|            | B10SN028     | 5.88                         | 1.19 | 0.00 | 1.60 | 0.00      | 0.00        | 9.06   | 17.73      |                             |      |      |     |           |             |        |            |  |
|            | B10SN029     | 7.18                         | 1.46 | 0.00 | 1.70 | 0.00      | 0.00        | 11.06  | 21.40      |                             |      |      |     |           |             |        |            |  |
|            | B10SN030     | 8.04                         | 1.63 | 0.00 | 1.80 | 0.00      | 0.00        | 12.39  | 23.86      |                             |      |      |     |           |             |        |            |  |
|            | B10SN031     | 3.46                         | 0.70 | 0.81 | 1.77 | 0.00      | 0.00        | 5.34   | 12.08      |                             |      |      |     |           |             |        |            |  |
|            | B10SN032     | 3.56                         | 0.72 | 0.81 | 1.77 | 0.00      | 0.00        | 5.49   | 12.35      |                             |      |      |     |           |             |        |            |  |
|            | B10SN033     | 7.14                         | 1.45 | 0.00 | 1.50 | 0.00      | 0.00        | 11.00  | 21.09      |                             |      |      |     |           |             |        |            |  |
|            | B10SN034     | 8.46                         | 1.72 | 0.00 | 1.50 | 0.00      | 0.00        | 13.04  | 24.72      |                             |      |      |     |           |             |        |            |  |
|            | B10SN035     | 8.49                         | 1.72 | 0.00 | 1.65 | 0.00      | 0.00        | 13.09  | 24.95      |                             |      |      |     |           |             |        |            |  |
|            | B10VI001     | 9.53                         | 1.97 | 1.61 | 2.43 | 0.41      | 0.07        | 14.73  | 30.75      |                             |      |      |     |           |             |        |            |  |
|            | B10VI003     | 7.23                         | 1.49 | 1.21 | 1.70 | 0.27      | 0.05        | 11.17  | 23.12      |                             |      |      |     |           |             |        |            |  |
|            | <b>B15</b>   |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |  |
|            |              | B15MB001                     | 0.49 | 0.09 | 0.00 | 0.10      | 0.00        | 0.00   | 0.63       | 1.31                        |      |      |     |           |             |        |            |  |
|            |              | B15MB002                     | 0.71 | 0.13 | 0.00 | 0.14      | 0.00        | 0.00   | 0.91       | 1.89                        |      |      |     |           |             |        |            |  |
|            |              | B15MB003                     | 0.83 | 0.16 | 0.00 | 0.24      | 0.04        | 0.01   | 1.07       | 2.35                        |      |      |     |           |             |        |            |  |
| B15MB004   |              | 0.95                         | 0.18 | 1.64 | 0.50 | 0.04      | 0.01        | 1.23   | 4.55       |                             |      |      |     |           |             |        |            |  |
| B15RS001   | 3.40         | 0.63                         | 2.11 | 0.76 | 0.09 | 0.02      | 4.37        | 11.38  |            |                             |      |      |     |           |             |        |            |  |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>B15</b> | <i>cont.</i> |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | B15RS002     | 3.58                         | 0.65 | 0.00  | 0.50 | 0.00      | 0.00        | 4.58   | 9.31       |                             |      |      |      |           |             |        |            |
|            | B15RS003     | 3.93                         | 0.72 | 0.00  | 0.60 | 0.00      | 0.00        | 5.03   | 10.28      |                             |      |      |      |           |             |        |            |
|            | B15RS004     | 4.56                         | 0.83 | 0.00  | 0.70 | 0.00      | 0.00        | 5.83   | 11.92      |                             |      |      |      |           |             |        |            |
| <b>B20</b> | B20MQ001     | 1.18                         | 0.22 | 3.19  | 1.31 | 0.03      | 0.01        | 1.71   | 7.65       |                             |      |      |      |           |             |        |            |
|            | B20MQ002     | 1.95                         | 0.36 | 2.22  | 0.80 | 0.03      | 0.01        | 2.81   | 8.18       |                             |      |      |      |           |             |        |            |
|            | B20MQ003     | 2.08                         | 0.39 | 12.29 | 5.04 | 0.06      | 0.01        | 3.00   | 22.87      |                             |      |      |      |           |             |        |            |
|            | B20MQ004     | 3.46                         | 0.64 | 4.85  | 1.74 | 0.11      | 0.02        | 5.01   | 15.83      |                             |      |      |      |           |             |        |            |
|            | B20MQ005     | 29.91                        | 5.49 | 16.63 | 7.47 | 0.30      | 0.05        | 43.13  | 102.98     |                             |      |      |      |           |             |        |            |
|            | B20VE001     | 1.93                         | 0.36 | 2.25  | 0.81 | 0.03      | 0.01        | 2.79   | 8.18       |                             |      |      |      |           |             |        |            |
|            | B20VE002     | 2.32                         | 0.43 | 2.83  | 1.02 | 0.06      | 0.01        | 3.35   | 10.02      |                             |      |      |      |           |             |        |            |
|            | B20VE003     | 0.89                         | 0.17 | 2.00  | 0.82 | 0.06      | 0.01        | 1.29   | 5.24       |                             |      |      |      |           |             |        |            |
|            | B20VE004     | 1.89                         | 0.35 | 1.39  | 0.50 | 0.05      | 0.01        | 2.74   | 6.93       |                             |      |      |      |           |             |        |            |
|            | B20VE005     | 2.50                         | 0.46 | 2.25  | 0.81 | 0.06      | 0.01        | 3.61   | 9.70       |                             |      |      |      |           |             |        |            |
|            | <b>B25</b>   | B25ES001                     | 1.11 | 0.23  | 0.00 | 0.00      | 0.00        | 0.00   | 1.15       | 2.49                        | 1.39 | 0.23 | 0.00 | 0.00      | 0.00        | 0.00   | 1.64       |
| B25ES002   |              | 1.20                         | 0.24 | 0.00  | 0.00 | 0.00      | 0.00        | 1.24   | 2.68       | 1.50                        | 0.25 | 0.00 | 0.00 | 0.00      | 0.00        | 1.77   | 3.52       |
| B25ES003   |              | 1.35                         | 0.27 | 0.00  | 0.00 | 0.00      | 0.00        | 1.40   | 3.02       | 1.69                        | 0.28 | 0.00 | 0.00 | 0.00      | 0.00        | 2.00   | 3.97       |
| B25ES004   |              | 1.47                         | 0.30 | 0.00  | 0.00 | 0.00      | 0.00        | 1.52   | 3.29       | 1.83                        | 0.30 | 0.00 | 0.00 | 0.00      | 0.00        | 2.17   | 4.30       |
| B25ES005   |              | 1.53                         | 0.31 | 0.00  | 0.00 | 0.00      | 0.00        | 1.59   | 3.43       | 1.91                        | 0.32 | 0.00 | 0.00 | 0.00      | 0.00        | 2.27   | 4.50       |
| B25ES006   |              | 2.08                         | 0.42 | 0.00  | 0.00 | 0.00      | 0.00        | 2.15   | 4.65       | 2.60                        | 0.43 | 0.00 | 0.00 | 0.00      | 0.00        | 3.07   | 6.10       |
| B25ES007   |              | 2.24                         | 0.45 | 0.00  | 0.00 | 0.00      | 0.00        | 2.32   | 5.01       | 2.80                        | 0.47 | 0.00 | 0.00 | 0.00      | 0.00        | 3.31   | 6.58       |
| B25ES008   |              | 2.40                         | 0.49 | 0.00  | 0.00 | 0.00      | 0.00        | 2.48   | 5.37       | 3.00                        | 0.50 | 0.00 | 0.00 | 0.00      | 0.00        | 3.55   | 7.05       |
| B25ES009   |              | 3.12                         | 0.63 | 0.00  | 0.00 | 0.00      | 0.00        | 3.23   | 6.98       | 3.90                        | 0.65 | 0.00 | 0.00 | 0.00      | 0.00        | 4.62   | 9.17       |
| B25ES010   |              | 3.21                         | 0.65 | 0.00  | 0.00 | 0.00      | 0.00        | 3.33   | 7.19       | 4.02                        | 0.67 | 0.00 | 0.00 | 0.00      | 0.00        | 4.76   | 9.45       |
| B25ES011   |              | 3.53                         | 0.72 | 0.00  | 0.00 | 0.00      | 0.00        | 3.65   | 7.90       | 4.41                        | 0.73 | 0.00 | 0.00 | 0.00      | 0.00        | 5.22   | 10.36      |
| B25ES012   |              | 3.84                         | 0.78 | 0.00  | 0.00 | 0.00      | 0.00        | 3.97   | 8.59       | 4.80                        | 0.80 | 0.00 | 0.00 | 0.00      | 0.00        | 5.68   | 11.28      |
| B25ES013   |              | 4.16                         | 0.84 | 0.00  | 0.00 | 0.00      | 0.00        | 4.31   | 9.31       | 5.20                        | 0.87 | 0.00 | 0.00 | 0.00      | 0.00        | 6.16   | 12.23      |
| B25ES014   |              | 4.53                         | 0.92 | 0.00  | 0.00 | 0.00      | 0.00        | 4.69   | 10.14      | 5.66                        | 0.94 | 0.00 | 0.00 | 0.00      | 0.00        | 6.70   | 13.30      |
| B25ES015   |              | 4.89                         | 0.99 | 0.00  | 0.00 | 0.00      | 0.00        | 5.06   | 10.94      | 6.11                        | 1.02 | 0.00 | 0.00 | 0.00      | 0.00        | 7.23   | 14.36      |
| B25ES016   |              | 5.07                         | 1.03 | 0.00  | 0.00 | 0.00      | 0.00        | 5.25   | 11.35      | 6.33                        | 1.05 | 0.00 | 0.00 | 0.00      | 0.00        | 7.50   | 14.88      |
| B25ES017   |              | 5.42                         | 1.10 | 0.00  | 0.00 | 0.00      | 0.00        | 5.62   | 12.14      | 6.78                        | 1.13 | 0.00 | 0.00 | 0.00      | 0.00        | 8.03   | 15.94      |
| B25ES018   |              | 5.61                         | 1.14 | 0.00  | 0.00 | 0.00      | 0.00        | 5.81   | 12.56      | 7.02                        | 1.17 | 0.00 | 0.00 | 0.00      | 0.00        | 8.31   | 16.50      |
| B25ES019   |              | 5.90                         | 1.20 | 0.00  | 0.00 | 0.00      | 0.00        | 6.11   | 13.21      | 7.38                        | 1.23 | 0.00 | 0.00 | 0.00      | 0.00        | 8.73   | 17.34      |

Table 2-2 . HOURLY RATE ELEMENTS

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>B25</b> | <b>cont.</b> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | B25ES020     | 1.06                         | 0.22 | 0.00 | 0.00 | 0.00      | 0.00        | 1.10   | 2.38       | 1.33                        | 0.22 | 0.00 | 0.00 | 0.00      | 0.00        | 1.57   | 3.12       |
|            | B25ES021     | 1.14                         | 0.23 | 0.00 | 0.00 | 0.00      | 0.00        | 1.18   | 2.55       | 1.42                        | 0.24 | 0.00 | 0.00 | 0.00      | 0.00        | 1.68   | 3.34       |
|            | B25ES022     | 1.56                         | 0.32 | 0.00 | 0.00 | 0.00      | 0.00        | 1.62   | 3.50       | 1.95                        | 0.32 | 0.00 | 0.00 | 0.00      | 0.00        | 2.31   | 4.58       |
|            | B25ES023     | 1.58                         | 0.32 | 0.00 | 0.00 | 0.00      | 0.00        | 1.64   | 3.54       | 1.98                        | 0.33 | 0.00 | 0.00 | 0.00      | 0.00        | 2.34   | 4.65       |
|            | B25ES024     | 1.68                         | 0.34 | 0.00 | 0.00 | 0.00      | 0.00        | 1.74   | 3.76       | 2.10                        | 0.35 | 0.00 | 0.00 | 0.00      | 0.00        | 2.48   | 4.93       |
|            | B25ES025     | 2.29                         | 0.46 | 0.00 | 0.00 | 0.00      | 0.00        | 2.37   | 5.12       | 2.86                        | 0.48 | 0.00 | 0.00 | 0.00      | 0.00        | 3.39   | 6.73       |
|            | B25ES026     | 2.39                         | 0.48 | 0.00 | 0.00 | 0.00      | 0.00        | 2.47   | 5.34       | 2.98                        | 0.50 | 0.00 | 0.00 | 0.00      | 0.00        | 3.53   | 7.01       |
|            | B25ES027     | 2.47                         | 0.50 | 0.00 | 0.00 | 0.00      | 0.00        | 2.56   | 5.53       | 3.09                        | 0.51 | 0.00 | 0.00 | 0.00      | 0.00        | 3.66   | 7.26       |
|            | B25ES028     | 3.14                         | 0.64 | 0.00 | 0.00 | 0.00      | 0.00        | 3.25   | 7.03       | 3.93                        | 0.65 | 0.00 | 0.00 | 0.00      | 0.00        | 4.65   | 9.23       |
|            | B25ES029     | 3.44                         | 0.70 | 0.00 | 0.00 | 0.00      | 0.00        | 3.56   | 7.70       | 4.30                        | 0.72 | 0.00 | 0.00 | 0.00      | 0.00        | 5.09   | 10.11      |
|            | B25ES030     | 3.92                         | 0.79 | 0.00 | 0.00 | 0.00      | 0.00        | 4.05   | 8.76       | 4.89                        | 0.81 | 0.00 | 0.00 | 0.00      | 0.00        | 5.79   | 11.49      |
|            | B25ES031     | 4.21                         | 0.85 | 0.00 | 0.00 | 0.00      | 0.00        | 4.36   | 9.42       | 5.26                        | 0.88 | 0.00 | 0.00 | 0.00      | 0.00        | 6.23   | 12.37      |
|            | B25ES032     | 4.52                         | 0.92 | 0.00 | 0.00 | 0.00      | 0.00        | 4.68   | 10.12      | 5.65                        | 0.94 | 0.00 | 0.00 | 0.00      | 0.00        | 6.69   | 13.28      |
|            | B25ES033     | 4.96                         | 1.01 | 0.00 | 0.00 | 0.00      | 0.00        | 5.13   | 11.10      | 6.19                        | 1.03 | 0.00 | 0.00 | 0.00      | 0.00        | 7.33   | 14.55      |
|            | B25ES034     | 5.23                         | 1.06 | 0.00 | 0.00 | 0.00      | 0.00        | 5.41   | 11.70      | 6.53                        | 1.09 | 0.00 | 0.00 | 0.00      | 0.00        | 7.73   | 15.35      |
|            | B25ES035     | 5.48                         | 1.11 | 0.00 | 0.00 | 0.00      | 0.00        | 5.68   | 12.27      | 6.85                        | 1.14 | 0.00 | 0.00 | 0.00      | 0.00        | 8.11   | 16.10      |
|            | B25ES036     | 5.77                         | 1.17 | 0.00 | 0.00 | 0.00      | 0.00        | 5.98   | 12.92      | 7.22                        | 1.20 | 0.00 | 0.00 | 0.00      | 0.00        | 8.54   | 16.96      |
|            | B25ES037     | 6.02                         | 1.22 | 0.00 | 0.00 | 0.00      | 0.00        | 6.23   | 13.47      | 7.52                        | 1.25 | 0.00 | 0.00 | 0.00      | 0.00        | 8.90   | 17.67      |
|            | B25ES038     | 6.26                         | 1.27 | 0.00 | 0.00 | 0.00      | 0.00        | 6.48   | 14.01      | 7.82                        | 1.30 | 0.00 | 0.00 | 0.00      | 0.00        | 9.25   | 18.37      |
|            | B25ES039     | 1.28                         | 0.26 | 0.00 | 0.00 | 0.00      | 0.00        | 1.33   | 2.87       | 1.60                        | 0.27 | 0.00 | 0.00 | 0.00      | 0.00        | 1.89   | 3.76       |
|            | B25ES040     | 1.77                         | 0.36 | 0.00 | 0.00 | 0.00      | 0.00        | 1.83   | 3.96       | 2.21                        | 0.37 | 0.00 | 0.00 | 0.00      | 0.00        | 2.62   | 5.20       |
|            | B25ES041     | 1.81                         | 0.37 | 0.00 | 0.00 | 0.00      | 0.00        | 1.87   | 4.05       | 2.26                        | 0.38 | 0.00 | 0.00 | 0.00      | 0.00        | 2.68   | 5.32       |
|            | B25ES042     | 1.98                         | 0.40 | 0.00 | 0.00 | 0.00      | 0.00        | 2.05   | 4.43       | 2.48                        | 0.41 | 0.00 | 0.00 | 0.00      | 0.00        | 2.93   | 5.82       |
|            | B25ES043     | 2.60                         | 0.53 | 0.00 | 0.00 | 0.00      | 0.00        | 2.70   | 5.83       | 3.26                        | 0.54 | 0.00 | 0.00 | 0.00      | 0.00        | 3.85   | 7.65       |
|            | B25ES044     | 2.82                         | 0.57 | 0.00 | 0.00 | 0.00      | 0.00        | 2.92   | 6.31       | 3.52                        | 0.59 | 0.00 | 0.00 | 0.00      | 0.00        | 4.17   | 8.28       |
|            | B25ES045     | 3.17                         | 0.64 | 0.00 | 0.00 | 0.00      | 0.00        | 3.29   | 7.10       | 3.97                        | 0.66 | 0.00 | 0.00 | 0.00      | 0.00        | 4.69   | 9.32       |
|            | B25ES046     | 3.65                         | 0.74 | 0.00 | 0.00 | 0.00      | 0.00        | 3.78   | 8.17       | 4.57                        | 0.76 | 0.00 | 0.00 | 0.00      | 0.00        | 5.41   | 10.74      |
|            | B25ES047     | 3.97                         | 0.81 | 0.00 | 0.00 | 0.00      | 0.00        | 4.11   | 8.89       | 4.96                        | 0.83 | 0.00 | 0.00 | 0.00      | 0.00        | 5.87   | 11.66      |
|            | B25ES048     | 4.37                         | 0.89 | 0.00 | 0.00 | 0.00      | 0.00        | 4.53   | 9.79       | 5.47                        | 0.91 | 0.00 | 0.00 | 0.00      | 0.00        | 6.47   | 12.85      |
| B25ES049   | 4.63         | 0.94                         | 0.00 | 0.00 | 0.00 | 0.00      | 4.80        | 10.37  | 5.79       | 0.96                        | 0.00 | 0.00 | 0.00 | 0.00      | 6.85        | 13.60  |            |
| B25ES050   | 4.82         | 0.98                         | 0.00 | 0.00 | 0.00 | 0.00      | 4.99        | 10.79  | 6.02       | 1.00                        | 0.00 | 0.00 | 0.00 | 0.00      | 7.13        | 14.15  |            |
| B25ES051   | 5.21         | 1.06                         | 0.00 | 0.00 | 0.00 | 0.00      | 5.39        | 11.66  | 6.51       | 1.08                        | 0.00 | 0.00 | 0.00 | 0.00      | 7.70        | 15.29  |            |
| B25ES052   | 5.52         | 1.12                         | 0.00 | 0.00 | 0.00 | 0.00      | 5.71        | 12.35  | 6.90       | 1.15                        | 0.00 | 0.00 | 0.00 | 0.00      | 8.16        | 16.21  |            |
| B25ES053   | 5.80         | 1.18                         | 0.00 | 0.00 | 0.00 | 0.00      | 6.00        | 12.98  | 7.25       | 1.21                        | 0.00 | 0.00 | 0.00 | 0.00      | 8.58        | 17.04  |            |
| B25ES054   | 6.17         | 1.25                         | 0.00 | 0.00 | 0.00 | 0.00      | 6.39        | 13.81  | 7.71       | 1.28                        | 0.00 | 0.00 | 0.00 | 0.00      | 9.13        | 18.12  |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>B25</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | B25ES055     | 6.39                         | 1.30 | 0.00 | 0.00 | 0.00      | 0.00        | 6.61   | 14.30      | 7.98                        | 1.33 | 0.00 | 0.00 | 0.00      | 0.00        | 9.45   | 18.76      |
|            | B25ES056     | 6.67                         | 1.35 | 0.00 | 0.00 | 0.00      | 0.00        | 6.91   | 14.93      | 8.34                        | 1.39 | 0.00 | 0.00 | 0.00      | 0.00        | 9.87   | 19.60      |
|            | B25GE001     | 7.04                         | 1.43 | 0.00 | 0.00 | 0.00      | 0.00        | 7.29   | 15.76      | 8.80                        | 1.46 | 0.00 | 0.00 | 0.00      | 0.00        | 10.42  | 20.68      |
|            | B25GE002     | 7.56                         | 1.53 | 0.00 | 0.00 | 0.00      | 0.00        | 7.82   | 16.91      | 9.44                        | 1.57 | 0.00 | 0.00 | 0.00      | 0.00        | 11.18  | 22.19      |
|            | B25GE003     | 8.09                         | 1.64 | 0.00 | 0.00 | 0.00      | 0.00        | 8.38   | 18.11      | 10.12                       | 1.68 | 0.00 | 0.00 | 0.00      | 0.00        | 11.97  | 23.77      |
|            | B25GE004     | 8.97                         | 1.82 | 0.00 | 0.00 | 0.00      | 0.00        | 9.29   | 20.08      | 11.21                       | 1.87 | 0.00 | 0.00 | 0.00      | 0.00        | 13.27  | 26.35      |
|            | B25GE005     | 9.85                         | 2.00 | 0.00 | 0.00 | 0.00      | 0.00        | 10.19  | 22.04      | 12.31                       | 2.05 | 0.00 | 0.00 | 0.00      | 0.00        | 14.57  | 28.93      |
|            | B25GE006     | 10.69                        | 2.17 | 0.00 | 0.00 | 0.00      | 0.00        | 11.07  | 23.93      | 13.36                       | 2.22 | 0.00 | 0.00 | 0.00      | 0.00        | 15.82  | 31.40      |
|            | B25GE007     | 11.56                        | 2.35 | 0.00 | 0.00 | 0.00      | 0.00        | 11.97  | 25.88      | 14.45                       | 2.40 | 0.00 | 0.00 | 0.00      | 0.00        | 17.11  | 33.96      |
|            | B25GE008     | 12.42                        | 2.52 | 0.00 | 0.00 | 0.00      | 0.00        | 12.86  | 27.80      | 15.53                       | 2.58 | 0.00 | 0.00 | 0.00      | 0.00        | 18.38  | 36.49      |
|            | B25GE009     | 13.30                        | 2.70 | 0.00 | 0.00 | 0.00      | 0.00        | 13.77  | 29.77      | 16.63                       | 2.77 | 0.00 | 0.00 | 0.00      | 0.00        | 19.68  | 39.08      |
|            | B25GE010     | 14.18                        | 2.88 | 0.00 | 0.00 | 0.00      | 0.00        | 14.68  | 31.74      | 17.72                       | 2.95 | 0.00 | 0.00 | 0.00      | 0.00        | 20.97  | 41.64      |
|            | B25GE011     | 14.63                        | 2.97 | 0.00 | 0.00 | 0.00      | 0.00        | 15.15  | 32.75      | 18.29                       | 3.04 | 0.00 | 0.00 | 0.00      | 0.00        | 21.65  | 42.98      |
|            | B25PL001     | 1.88                         | 0.38 | 0.00 | 0.00 | 0.00      | 0.00        | 1.95   | 4.21       | 2.35                        | 0.39 | 0.00 | 0.00 | 0.00      | 0.00        | 2.78   | 5.52       |
|            | B25PL002     | 1.98                         | 0.40 | 0.00 | 0.00 | 0.00      | 0.00        | 2.05   | 4.43       | 2.48                        | 0.41 | 0.00 | 0.00 | 0.00      | 0.00        | 2.93   | 5.82       |
|            | B25PL003     | 2.66                         | 0.54 | 0.00 | 0.00 | 0.00      | 0.00        | 2.75   | 5.95       | 3.33                        | 0.55 | 0.00 | 0.00 | 0.00      | 0.00        | 3.94   | 7.82       |
| B25PL004   | 3.12         | 0.63                         | 0.00 | 0.00 | 0.00 | 0.00      | 3.23        | 6.98   | 3.89       | 0.65                        | 0.00 | 0.00 | 0.00 | 0.00      | 4.61        | 9.15   |            |
| B25PL005   | 3.50         | 0.71                         | 0.00 | 0.00 | 0.00 | 0.00      | 3.62        | 7.83   | 4.38       | 0.73                        | 0.00 | 0.00 | 0.00 | 0.00      | 5.18        | 10.29  |            |
| B25PL006   | 1.42         | 0.29                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.47        | 3.18   | 1.78       | 0.30                        | 0.00 | 0.00 | 0.00 | 0.00      | 2.10        | 4.18   |            |
| B25PL007   | 1.80         | 0.37                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.87        | 4.04   | 2.25       | 0.37                        | 0.00 | 0.00 | 0.00 | 0.00      | 2.67        | 5.29   |            |
| B25PL008   | 1.94         | 0.39                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.01        | 4.34   | 2.43       | 0.40                        | 0.00 | 0.00 | 0.00 | 0.00      | 2.88        | 5.71   |            |
| B25PL009   | 2.09         | 0.42                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.17        | 4.68   | 2.62       | 0.44                        | 0.00 | 0.00 | 0.00 | 0.00      | 3.10        | 6.16   |            |
| B25PL010   | 2.31         | 0.47                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.40        | 5.18   | 2.89       | 0.48                        | 0.00 | 0.00 | 0.00 | 0.00      | 3.42        | 6.79   |            |
| B25PL011   | 2.86         | 0.58                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.96        | 6.40   | 3.57       | 0.59                        | 0.00 | 0.00 | 0.00 | 0.00      | 4.23        | 8.39   |            |
| B25PL012   | 1.56         | 0.32                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.61        | 3.49   | 1.95       | 0.32                        | 0.00 | 0.00 | 0.00 | 0.00      | 2.30        | 4.57   |            |
| B25PL013   | 1.90         | 0.39                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.97        | 4.26   | 2.37       | 0.39                        | 0.00 | 0.00 | 0.00 | 0.00      | 2.81        | 5.57   |            |
| B25PL014   | 2.13         | 0.43                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.20        | 4.76   | 2.66       | 0.44                        | 0.00 | 0.00 | 0.00 | 0.00      | 3.15        | 6.25   |            |
| B25PL015   | 2.22         | 0.45                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.30        | 4.97   | 2.78       | 0.46                        | 0.00 | 0.00 | 0.00 | 0.00      | 3.29        | 6.53   |            |
| B25PL016   | 2.54         | 0.51                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.62        | 5.67   | 3.17       | 0.53                        | 0.00 | 0.00 | 0.00 | 0.00      | 3.75        | 7.45   |            |
| B25PL017   | 3.09         | 0.63                         | 0.00 | 0.00 | 0.00 | 0.00      | 3.20        | 6.92   | 3.87       | 0.64                        | 0.00 | 0.00 | 0.00 | 0.00      | 4.58        | 9.09   |            |
| <b>B30</b> |              |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | B30CR001     | 0.29                         | 0.06 | 0.00 | 0.00 | 0.00      | 0.00        | 0.36   | 0.71       |                             |      |      |      |           |             |        |            |
|            | B30CR002     | 0.31                         | 0.07 | 0.00 | 0.00 | 0.00      | 0.00        | 0.39   | 0.77       |                             |      |      |      |           |             |        |            |
|            | B30CR003     | 0.33                         | 0.07 | 0.00 | 0.00 | 0.00      | 0.00        | 0.42   | 0.82       |                             |      |      |      |           |             |        |            |

Table 2-2 . HOURLY RATE ELEMENTS

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>B30</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | B30CR004     | 0.35                         | 0.08 | 0.00 | 0.00 | 0.00      | 0.00        | 0.44   | 0.87       |                             |      |      |      |           |             |        |            |
|            | B30CR005     | 0.41                         | 0.09 | 0.00 | 0.00 | 0.00      | 0.00        | 0.51   | 1.01       |                             |      |      |      |           |             |        |            |
|            | B30CR006     | 0.48                         | 0.11 | 0.00 | 0.00 | 0.00      | 0.00        | 0.61   | 1.20       |                             |      |      |      |           |             |        |            |
|            | B30CR009     | 0.43                         | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 0.54   | 1.07       |                             |      |      |      |           |             |        |            |
|            | B30CR010     | 0.50                         | 0.11 | 0.00 | 0.00 | 0.00      | 0.00        | 0.63   | 1.24       |                             |      |      |      |           |             |        |            |
|            | B30CR011     | 0.59                         | 0.13 | 0.00 | 0.00 | 0.00      | 0.00        | 0.75   | 1.47       |                             |      |      |      |           |             |        |            |
|            | B30CR012     | 0.68                         | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 0.86   | 1.69       |                             |      |      |      |           |             |        |            |
|            | B30GB001     | 0.20                         | 0.05 | 0.00 | 0.00 | 0.00      | 0.00        | 0.22   | 0.47       |                             |      |      |      |           |             |        |            |
|            | B30GB002     | 0.26                         | 0.06 | 0.00 | 0.00 | 0.00      | 0.00        | 0.29   | 0.61       |                             |      |      |      |           |             |        |            |
|            | B30GB003     | 0.33                         | 0.07 | 0.00 | 0.00 | 0.00      | 0.00        | 0.36   | 0.76       |                             |      |      |      |           |             |        |            |
|            | B30GB004     | 0.48                         | 0.11 | 0.00 | 0.00 | 0.00      | 0.00        | 0.53   | 1.12       |                             |      |      |      |           |             |        |            |
|            | B30GB005     | 0.58                         | 0.13 | 0.00 | 0.00 | 0.00      | 0.00        | 0.63   | 1.34       |                             |      |      |      |           |             |        |            |
|            | B30GB006     | 1.04                         | 0.23 | 0.00 | 0.00 | 0.00      | 0.00        | 1.22   | 2.49       |                             |      |      |      |           |             |        |            |
|            | B30GB007     | 1.12                         | 0.25 | 0.00 | 0.00 | 0.00      | 0.00        | 1.32   | 2.69       |                             |      |      |      |           |             |        |            |
|            | B30GB008     | 1.25                         | 0.28 | 0.00 | 0.00 | 0.00      | 0.00        | 1.48   | 3.01       |                             |      |      |      |           |             |        |            |
|            | B30GB009     | 1.43                         | 0.32 | 0.00 | 0.00 | 0.00      | 0.00        | 1.69   | 3.44       |                             |      |      |      |           |             |        |            |
| B30GB010   | 1.78         | 0.40                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.10        | 4.28   |            |                             |      |      |      |           |             |        |            |
| B30GB011   | 0.82         | 0.18                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.03        | 2.03   |            |                             |      |      |      |           |             |        |            |
| B30GB012   | 0.85         | 0.19                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.07        | 2.11   |            |                             |      |      |      |           |             |        |            |
| B30GB013   | 0.88         | 0.20                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.11        | 2.19   |            |                             |      |      |      |           |             |        |            |
| B30GB014   | 1.18         | 0.26                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.48        | 2.92   |            |                             |      |      |      |           |             |        |            |
| B30GB015   | 1.22         | 0.27                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.54        | 3.03   |            |                             |      |      |      |           |             |        |            |
| B30GB016   | 1.76         | 0.39                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.21        | 4.36   |            |                             |      |      |      |           |             |        |            |
| B30GB017   | 2.11         | 0.47                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.65        | 5.23   |            |                             |      |      |      |           |             |        |            |
| <b>B35</b> | B35HE001     | 0.51                         | 0.08 | 0.00 | 0.00 | 0.00      | 0.00        | 0.53   | 1.12       | 0.62                        | 0.09 | 0.00 | 0.00 | 0.00      | 0.00        | 0.74   | 1.45       |
|            | B35HE002     | 0.60                         | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 0.62   | 1.32       | 0.74                        | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 0.88   | 1.72       |
|            | B35HE003     | 0.80                         | 0.13 | 0.00 | 0.00 | 0.00      | 0.00        | 0.83   | 1.76       | 0.98                        | 0.14 | 0.00 | 0.00 | 0.00      | 0.00        | 1.16   | 2.28       |
|            | B35HE004     | 0.94                         | 0.16 | 0.00 | 0.00 | 0.00      | 0.00        | 0.98   | 2.08       | 1.16                        | 0.16 | 0.00 | 0.00 | 0.00      | 0.00        | 1.38   | 2.70       |
|            | B35HE005     | 1.11                         | 0.18 | 0.00 | 0.00 | 0.00      | 0.00        | 1.15   | 2.44       | 1.36                        | 0.19 | 0.00 | 0.00 | 0.00      | 0.00        | 1.61   | 3.16       |
|            | B35HE006     | 1.37                         | 0.23 | 0.00 | 0.00 | 0.00      | 0.00        | 1.42   | 3.02       | 1.68                        | 0.23 | 0.00 | 0.00 | 0.00      | 0.00        | 1.99   | 3.90       |
|            | B35HE007     | 1.51                         | 0.25 | 0.00 | 0.00 | 0.00      | 0.00        | 1.56   | 3.32       | 1.86                        | 0.26 | 0.00 | 0.00 | 0.00      | 0.00        | 2.20   | 4.32       |
|            | B35HE008     | 1.85                         | 0.31 | 0.00 | 0.00 | 0.00      | 0.00        | 1.91   | 4.07       | 2.27                        | 0.32 | 0.00 | 0.00 | 0.00      | 0.00        | 2.69   | 5.28       |
|            | B35HE009     | 1.96                         | 0.33 | 0.00 | 0.00 | 0.00      | 0.00        | 2.03   | 4.32       | 2.41                        | 0.34 | 0.00 | 0.00 | 0.00      | 0.00        | 2.86   | 5.61       |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>B35</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | B35HE010     | 2.37                         | 0.39 | 0.00 | 0.00 | 0.00      | 0.00        | 2.45   | 5.21       | 2.91                        | 0.40 | 0.00 | 0.00 | 0.00      | 0.00        | 3.45   | 6.76       |
|            | B35HE011     | 2.57                         | 0.43 | 0.00 | 0.00 | 0.00      | 0.00        | 2.66   | 5.66       | 3.16                        | 0.44 | 0.00 | 0.00 | 0.00      | 0.00        | 3.74   | 7.34       |
|            | B35HE012     | 2.81                         | 0.47 | 0.00 | 0.00 | 0.00      | 0.00        | 2.90   | 6.18       | 3.45                        | 0.48 | 0.00 | 0.00 | 0.00      | 0.00        | 4.09   | 8.02       |
|            | B35HE013     | 3.11                         | 0.52 | 0.00 | 0.00 | 0.00      | 0.00        | 3.22   | 6.85       | 3.83                        | 0.53 | 0.00 | 0.00 | 0.00      | 0.00        | 4.53   | 8.89       |
|            | B35HE014     | 3.59                         | 0.60 | 0.00 | 0.00 | 0.00      | 0.00        | 3.72   | 7.91       | 4.42                        | 0.61 | 0.00 | 0.00 | 0.00      | 0.00        | 5.23   | 10.26      |
|            | B35HE015     | 3.90                         | 0.65 | 0.00 | 0.00 | 0.00      | 0.00        | 4.04   | 8.59       | 4.80                        | 0.67 | 0.00 | 0.00 | 0.00      | 0.00        | 5.68   | 11.15      |
|            | B35HE016     | 4.79                         | 0.80 | 0.00 | 0.00 | 0.00      | 0.00        | 4.96   | 10.55      | 5.90                        | 0.82 | 0.00 | 0.00 | 0.00      | 0.00        | 6.98   | 13.70      |
|            | B35HE017     | 5.51                         | 0.92 | 0.00 | 0.00 | 0.00      | 0.00        | 5.70   | 12.13      | 6.78                        | 0.94 | 0.00 | 0.00 | 0.00      | 0.00        | 8.02   | 15.74      |
|            | B35HE018     | 0.52                         | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 0.54   | 1.16       | 0.67                        | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 0.79   | 1.56       |
|            | B35HE019     | 0.59                         | 0.11 | 0.00 | 0.00 | 0.00      | 0.00        | 0.61   | 1.31       | 0.76                        | 0.11 | 0.00 | 0.00 | 0.00      | 0.00        | 0.90   | 1.77       |
|            | B35HE020     | 0.81                         | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 0.84   | 1.80       | 1.04                        | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 1.23   | 2.42       |
|            | B35HE021     | 0.97                         | 0.18 | 0.00 | 0.00 | 0.00      | 0.00        | 1.00   | 2.15       | 1.24                        | 0.18 | 0.00 | 0.00 | 0.00      | 0.00        | 1.47   | 2.89       |
|            | B35HE022     | 1.13                         | 0.21 | 0.00 | 0.00 | 0.00      | 0.00        | 1.17   | 2.51       | 1.46                        | 0.22 | 0.00 | 0.00 | 0.00      | 0.00        | 1.72   | 3.40       |
|            | B35HE023     | 1.33                         | 0.25 | 0.00 | 0.00 | 0.00      | 0.00        | 1.38   | 2.96       | 1.71                        | 0.25 | 0.00 | 0.00 | 0.00      | 0.00        | 2.03   | 3.99       |
|            | B35HE024     | 1.47                         | 0.27 | 0.00 | 0.00 | 0.00      | 0.00        | 1.52   | 3.26       | 1.89                        | 0.28 | 0.00 | 0.00 | 0.00      | 0.00        | 2.24   | 4.41       |
|            | B35HE025     | 1.77                         | 0.33 | 0.00 | 0.00 | 0.00      | 0.00        | 1.83   | 3.93       | 2.28                        | 0.34 | 0.00 | 0.00 | 0.00      | 0.00        | 2.70   | 5.32       |
|            | B35HE026     | 1.89                         | 0.35 | 0.00 | 0.00 | 0.00      | 0.00        | 1.96   | 4.20       | 2.43                        | 0.36 | 0.00 | 0.00 | 0.00      | 0.00        | 2.88   | 5.67       |
|            | B35HE027     | 2.43                         | 0.45 | 0.00 | 0.00 | 0.00      | 0.00        | 2.51   | 5.39       | 3.12                        | 0.46 | 0.00 | 0.00 | 0.00      | 0.00        | 3.69   | 7.27       |
|            | B35HE028     | 2.51                         | 0.46 | 0.00 | 0.00 | 0.00      | 0.00        | 2.60   | 5.57       | 3.22                        | 0.48 | 0.00 | 0.00 | 0.00      | 0.00        | 3.81   | 7.51       |
|            | B35HE029     | 2.86                         | 0.53 | 0.00 | 0.00 | 0.00      | 0.00        | 2.96   | 6.35       | 3.68                        | 0.54 | 0.00 | 0.00 | 0.00      | 0.00        | 4.36   | 8.58       |
|            | B35HE030     | 3.15                         | 0.58 | 0.00 | 0.00 | 0.00      | 0.00        | 3.26   | 6.99       | 4.05                        | 0.60 | 0.00 | 0.00 | 0.00      | 0.00        | 4.80   | 9.45       |
|            | B35HE031     | 3.78                         | 0.70 | 0.00 | 0.00 | 0.00      | 0.00        | 3.91   | 8.39       | 4.86                        | 0.72 | 0.00 | 0.00 | 0.00      | 0.00        | 5.75   | 11.33      |
|            | B35HE032     | 4.02                         | 0.74 | 0.00 | 0.00 | 0.00      | 0.00        | 4.16   | 8.92       | 5.17                        | 0.77 | 0.00 | 0.00 | 0.00      | 0.00        | 6.12   | 12.06      |
|            | B35HE033     | 5.19                         | 0.96 | 0.00 | 0.00 | 0.00      | 0.00        | 5.37   | 11.52      | 6.67                        | 0.99 | 0.00 | 0.00 | 0.00      | 0.00        | 7.89   | 15.55      |
|            | B35HE034     | 5.78                         | 1.07 | 0.00 | 0.00 | 0.00      | 0.00        | 5.98   | 12.83      | 7.43                        | 1.10 | 0.00 | 0.00 | 0.00      | 0.00        | 8.79   | 17.32      |
|            | B35HE035     | 1.76                         | 0.36 | 0.00 | 0.00 | 0.00      | 0.00        | 1.82   | 3.94       | 2.20                        | 0.37 | 0.00 | 0.00 | 0.00      | 0.00        | 2.60   | 5.17       |
|            | B35HE036     | 1.83                         | 0.37 | 0.00 | 0.00 | 0.00      | 0.00        | 1.90   | 4.10       | 2.29                        | 0.38 | 0.00 | 0.00 | 0.00      | 0.00        | 2.71   | 5.38       |
|            | B35HE037     | 2.06                         | 0.42 | 0.00 | 0.00 | 0.00      | 0.00        | 2.14   | 4.62       | 2.58                        | 0.43 | 0.00 | 0.00 | 0.00      | 0.00        | 3.05   | 6.06       |
|            | B35HE038     | 2.80                         | 0.57 | 0.00 | 0.00 | 0.00      | 0.00        | 2.90   | 6.27       | 3.50                        | 0.58 | 0.00 | 0.00 | 0.00      | 0.00        | 4.14   | 8.22       |
|            | B35HE039     | 3.13                         | 0.64 | 0.00 | 0.00 | 0.00      | 0.00        | 3.24   | 7.01       | 3.92                        | 0.65 | 0.00 | 0.00 | 0.00      | 0.00        | 4.63   | 9.20       |
|            | B35HE040     | 3.23                         | 0.66 | 0.00 | 0.00 | 0.00      | 0.00        | 3.35   | 7.24       | 4.04                        | 0.67 | 0.00 | 0.00 | 0.00      | 0.00        | 4.79   | 9.50       |
|            | B35HE041     | 3.46                         | 0.70 | 0.00 | 0.00 | 0.00      | 0.00        | 3.59   | 7.75       | 4.33                        | 0.72 | 0.00 | 0.00 | 0.00      | 0.00        | 5.12   | 10.17      |
|            | B35HE042     | 4.39                         | 0.89 | 0.00 | 0.00 | 0.00      | 0.00        | 4.54   | 9.82       | 5.49                        | 0.91 | 0.00 | 0.00 | 0.00      | 0.00        | 6.49   | 12.89      |
|            | B35HE043     | 4.51                         | 0.92 | 0.00 | 0.00 | 0.00      | 0.00        | 4.67   | 10.10      | 5.64                        | 0.94 | 0.00 | 0.00 | 0.00      | 0.00        | 6.68   | 13.26      |
|            | B35HE044     | 5.75                         | 1.17 | 0.00 | 0.00 | 0.00      | 0.00        | 5.95   | 12.87      | 7.18                        | 1.19 | 0.00 | 0.00 | 0.00      | 0.00        | 8.50   | 16.87      |

Table 2-2 . HOURLY RATE ELEMENTS

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>B35</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | B35HE045     | 5.93                         | 1.20 | 0.00 | 0.00 | 0.00      | 0.00        | 6.14   | 13.27      | 7.42                        | 1.23 | 0.00 | 0.00 | 0.00      | 0.00        | 8.78   | 17.43      |
|            | B35HE046     | 7.03                         | 1.43 | 0.00 | 0.00 | 0.00      | 0.00        | 7.28   | 15.74      | 8.78                        | 1.46 | 0.00 | 0.00 | 0.00      | 0.00        | 10.40  | 20.64      |
|            | B35HE047     | 7.51                         | 1.52 | 0.00 | 0.00 | 0.00      | 0.00        | 7.78   | 16.81      | 9.39                        | 1.56 | 0.00 | 0.00 | 0.00      | 0.00        | 11.11  | 22.06      |
|            | B35SA001     | 1.43                         | 0.24 | 0.00 | 0.00 | 0.00      | 0.00        | 1.49   | 3.16       | 1.77                        | 0.25 | 0.00 | 0.00 | 0.00      | 0.00        | 2.09   | 4.11       |
|            | B35SA002     | 1.74                         | 0.29 | 0.00 | 0.00 | 0.00      | 0.00        | 1.80   | 3.83       | 2.14                        | 0.30 | 0.00 | 0.00 | 0.00      | 0.00        | 2.53   | 4.97       |
|            | B35SA003     | 2.20                         | 0.37 | 0.00 | 0.00 | 0.00      | 0.00        | 2.28   | 4.85       | 2.71                        | 0.38 | 0.00 | 0.00 | 0.00      | 0.00        | 3.21   | 6.30       |
|            | B35SA004     | 2.97                         | 0.49 | 0.00 | 0.00 | 0.00      | 0.00        | 3.08   | 6.54       | 3.66                        | 0.51 | 0.00 | 0.00 | 0.00      | 0.00        | 4.33   | 8.50       |
|            | B35SA005     | 3.62                         | 0.60 | 0.00 | 0.00 | 0.00      | 0.00        | 3.75   | 7.97       | 4.46                        | 0.62 | 0.00 | 0.00 | 0.00      | 0.00        | 5.27   | 10.35      |
|            | B35SA006     | 4.26                         | 0.71 | 0.00 | 0.00 | 0.00      | 0.00        | 4.41   | 9.38       | 5.24                        | 0.73 | 0.00 | 0.00 | 0.00      | 0.00        | 6.21   | 12.18      |
|            | B35SA007     | 4.90                         | 0.82 | 0.00 | 0.00 | 0.00      | 0.00        | 5.08   | 10.80      | 6.03                        | 0.84 | 0.00 | 0.00 | 0.00      | 0.00        | 7.14   | 14.01      |
| B35SA008   | 5.36         | 0.89                         | 0.00 | 0.00 | 0.00 | 0.00      | 5.55        | 11.80  | 6.60       | 0.92                        | 0.00 | 0.00 | 0.00 | 0.00      | 7.81        | 15.33  |            |
| B35SA009   | 7.34         | 1.22                         | 0.00 | 0.00 | 0.00 | 0.00      | 7.60        | 16.16  | 9.04       | 1.26                        | 0.00 | 0.00 | 0.00 | 0.00      | 10.70       | 21.00  |            |
| B35SA010   | 9.11         | 1.51                         | 0.00 | 0.00 | 0.00 | 0.00      | 9.43        | 20.05  | 11.21      | 1.56                        | 0.00 | 0.00 | 0.00 | 0.00      | 13.26       | 26.03  |            |
| <b>C05</b> |              |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | C05OL001     | 0.06                         | 0.01 | 0.29 | 0.12 | 0.00      | 0.00        | 0.23   | 0.71       |                             |      |      |      |           |             |        |            |
|            | C05OL002     | 0.09                         | 0.01 | 0.59 | 0.24 | 0.00      | 0.00        | 0.35   | 1.28       |                             |      |      |      |           |             |        |            |
|            | C05OL003     | 0.11                         | 0.01 | 0.66 | 0.27 | 0.00      | 0.00        | 0.43   | 1.48       |                             |      |      |      |           |             |        |            |
| C05OL004   | 0.12         | 0.01                         | 0.72 | 0.30 | 0.00 | 0.00      | 0.46        | 1.61   |            |                             |      |      |      |           |             |        |            |
| <b>C10</b> |              |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | C10BO001     | 0.46                         | 0.06 | 0.38 | 0.12 | 0.00      | 0.00        | 0.89   | 1.91       |                             |      |      |      |           |             |        |            |
|            | C10BO002     | 0.50                         | 0.06 | 0.38 | 0.12 | 0.00      | 0.00        | 0.97   | 2.03       |                             |      |      |      |           |             |        |            |
|            | C10BO003     | 0.32                         | 0.04 | 0.50 | 0.15 | 0.00      | 0.00        | 0.62   | 1.63       |                             |      |      |      |           |             |        |            |
|            | C10BO004     | 0.36                         | 0.04 | 0.50 | 0.15 | 0.00      | 0.00        | 0.70   | 1.75       |                             |      |      |      |           |             |        |            |
|            | C10BO005     | 0.51                         | 0.06 | 0.76 | 0.23 | 0.00      | 0.00        | 0.98   | 2.54       |                             |      |      |      |           |             |        |            |
|            | C10BO006     | 0.95                         | 0.11 | 0.76 | 0.23 | 0.00      | 0.00        | 1.82   | 3.87       |                             |      |      |      |           |             |        |            |
|            | C10BO007     | 1.26                         | 0.15 | 0.19 | 0.06 | 0.00      | 0.00        | 2.41   | 4.07       |                             |      |      |      |           |             |        |            |
|            | C10BO008     | 1.86                         | 0.23 | 0.31 | 0.10 | 0.00      | 0.00        | 3.56   | 6.06       |                             |      |      |      |           |             |        |            |
|            | C10BO009     | 0.84                         | 0.10 | 0.50 | 0.15 | 0.00      | 0.00        | 1.62   | 3.21       |                             |      |      |      |           |             |        |            |
|            | C10BO010     | 2.00                         | 0.24 | 0.15 | 0.05 | 0.00      | 0.00        | 3.84   | 6.28       |                             |      |      |      |           |             |        |            |
|            | C10BO011     | 2.42                         | 0.29 | 0.31 | 0.10 | 0.00      | 0.00        | 4.64   | 7.76       |                             |      |      |      |           |             |        |            |
|            | C10BO013     | 5.18                         | 0.63 | 0.62 | 0.19 | 0.00      | 0.00        | 9.95   | 16.57      |                             |      |      |      |           |             |        |            |
|            | C10SI001     | 0.46                         | 0.06 | 0.38 | 0.12 | 0.00      | 0.00        | 0.88   | 1.90       |                             |      |      |      |           |             |        |            |
|            | C10SI002     | 0.50                         | 0.06 | 0.38 | 0.12 | 0.00      | 0.00        | 0.95   | 2.01       |                             |      |      |      |           |             |        |            |
| C10SI003   | 0.50         | 0.06                         | 0.38 | 0.12 | 0.00 | 0.00      | 0.96        | 2.02   |            |                             |      |      |      |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>C10</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | C10SI004     | 0.53                         | 0.06 | 0.50 | 0.15 | 0.00      | 0.00        | 1.01   | 2.25       |                             |      |      |     |           |             |        |            |
|            | C10SI005     | 0.54                         | 0.06 | 0.50 | 0.15 | 0.00      | 0.00        | 1.03   | 2.28       |                             |      |      |     |           |             |        |            |
|            | C10SI006     | 1.87                         | 0.23 | 0.19 | 0.06 | 0.00      | 0.00        | 3.60   | 5.95       |                             |      |      |     |           |             |        |            |
|            | C10SI007     | 2.13                         | 0.26 | 0.19 | 0.06 | 0.00      | 0.00        | 4.09   | 6.73       |                             |      |      |     |           |             |        |            |
|            | C10SI008     | 2.23                         | 0.27 | 0.23 | 0.07 | 0.00      | 0.00        | 4.29   | 7.09       |                             |      |      |     |           |             |        |            |
|            | C10SI009     | 2.80                         | 0.34 | 0.31 | 0.10 | 0.00      | 0.00        | 5.38   | 8.93       |                             |      |      |     |           |             |        |            |
|            | C10SI010     | 0.33                         | 0.04 | 0.25 | 0.08 | 0.00      | 0.00        | 0.63   | 1.33       |                             |      |      |     |           |             |        |            |
|            | C10SI011     | 0.34                         | 0.04 | 0.25 | 0.08 | 0.00      | 0.00        | 0.64   | 1.35       |                             |      |      |     |           |             |        |            |
|            | C10SI012     | 0.34                         | 0.04 | 0.25 | 0.08 | 0.00      | 0.00        | 0.66   | 1.37       |                             |      |      |     |           |             |        |            |
|            | C10SI013     | 0.36                         | 0.04 | 0.38 | 0.12 | 0.00      | 0.00        | 0.70   | 1.60       |                             |      |      |     |           |             |        |            |
|            | C10SI014     | 0.43                         | 0.05 | 0.38 | 0.12 | 0.00      | 0.00        | 0.82   | 1.80       |                             |      |      |     |           |             |        |            |
|            | C10SI015     | 0.46                         | 0.06 | 0.63 | 0.19 | 0.00      | 0.00        | 0.89   | 2.23       |                             |      |      |     |           |             |        |            |
|            | C10WC001     | 0.43                         | 0.05 | 0.50 | 0.15 | 0.00      | 0.00        | 0.83   | 1.96       |                             |      |      |     |           |             |        |            |
|            | C10WC003     | 0.67                         | 0.08 | 0.50 | 0.15 | 0.00      | 0.00        | 1.28   | 2.68       |                             |      |      |     |           |             |        |            |
|            | C10WC006     | 0.44                         | 0.05 | 0.88 | 0.27 | 0.00      | 0.00        | 0.85   | 2.49       |                             |      |      |     |           |             |        |            |
|            | C10WC007     | 1.51                         | 0.18 | 0.88 | 0.27 | 0.00      | 0.00        | 2.89   | 5.73       |                             |      |      |     |           |             |        |            |
|            | C10WC008     | 2.03                         | 0.25 | 0.23 | 0.07 | 0.00      | 0.00        | 3.91   | 6.49       |                             |      |      |     |           |             |        |            |
| C10WC010   | 1.70         | 0.21                         | 1.39 | 0.43 | 0.00 | 0.00      | 3.27        | 7.00   |            |                             |      |      |     |           |             |        |            |
| C10WC012   | 2.76         | 0.33                         | 0.31 | 0.10 | 0.00 | 0.00      | 5.30        | 8.80   |            |                             |      |      |     |           |             |        |            |
| C10WC014   | 0.51         | 0.06                         | 0.50 | 0.15 | 0.00 | 0.00      | 0.97        | 2.19   |            |                             |      |      |     |           |             |        |            |
| C10WC015   | 3.51         | 0.43                         | 0.54 | 0.17 | 0.00 | 0.00      | 6.74        | 11.39  |            |                             |      |      |     |           |             |        |            |
| C10WC016   | 5.80         | 0.70                         | 0.77 | 0.24 | 0.00 | 0.00      | 11.13       | 18.64  |            |                             |      |      |     |           |             |        |            |
| C10WC017   | 5.71         | 0.69                         | 0.77 | 0.24 | 0.00 | 0.00      | 10.97       | 18.38  |            |                             |      |      |     |           |             |        |            |
| C10WC018   | 0.29         | 0.04                         | 0.21 | 0.06 | 0.00 | 0.00      | 0.56        | 1.16   |            |                             |      |      |     |           |             |        |            |
| <b>C15</b> | C15BL001     | 0.89                         | 0.13 | 0.00 | 0.50 | 0.00      | 0.00        | 1.28   | 2.80       |                             |      |      |     |           |             |        |            |
|            | C15BL003     | 3.63                         | 0.51 | 0.00 | 1.50 | 0.00      | 0.00        | 5.23   | 10.87      |                             |      |      |     |           |             |        |            |
|            | C15BL004     | 4.52                         | 0.64 | 0.00 | 1.75 | 0.00      | 0.00        | 6.50   | 13.41      |                             |      |      |     |           |             |        |            |
|            | C15BL005     | 6.32                         | 0.89 | 0.00 | 2.00 | 0.00      | 0.00        | 9.10   | 18.31      |                             |      |      |     |           |             |        |            |
|            |              |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
| <b>C20</b> | C20AE001     | 0.49                         | 0.06 | 0.49 | 0.20 | 0.00      | 0.00        | 0.54   | 1.78       |                             |      |      |     |           |             |        |            |
|            | C20AI006     | 1.29                         | 0.17 | 1.27 | 0.52 | 0.07      | 0.01        | 1.46   | 4.79       |                             |      |      |     |           |             |        |            |
|            | C20AI008     | 0.96                         | 0.12 | 0.78 | 0.32 | 0.03      | 0.01        | 1.08   | 3.30       |                             |      |      |     |           |             |        |            |
|            | C20AI009     | 1.90                         | 0.24 | 1.57 | 0.64 | 0.07      | 0.01        | 2.15   | 6.58       |                             |      |      |     |           |             |        |            |



**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |            | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.    | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>C25</b> | C25AJ001   | 1.06                         | 0.13 | 0.78 | 0.32 | 0.00      | 0.00        | 1.36   | 3.65       |                             |      |      |     |           |             |        |            |
|            | C25AJ002   | 6.08                         | 1.34 | 2.00 | 1.09 | 0.00      | 0.00        | 6.67   | 17.18      |                             |      |      |     |           |             |        |            |
|            | C25AJ003   | 0.90                         | 0.11 | 0.88 | 0.36 | 0.00      | 0.00        | 1.16   | 3.41       |                             |      |      |     |           |             |        |            |
|            | C25AJ004   | 1.33                         | 0.16 | 0.88 | 0.36 | 0.00      | 0.00        | 1.70   | 4.43       |                             |      |      |     |           |             |        |            |
|            | C25AJ005   | 1.57                         | 0.19 | 1.08 | 0.44 | 0.00      | 0.00        | 2.01   | 5.29       |                             |      |      |     |           |             |        |            |
|            | C25AJ006   | 1.88                         | 0.23 | 1.08 | 0.44 | 0.00      | 0.00        | 2.40   | 6.03       |                             |      |      |     |           |             |        |            |
|            | C25AJ007   | 2.00                         | 0.24 | 1.08 | 0.44 | 0.00      | 0.00        | 2.56   | 6.32       |                             |      |      |     |           |             |        |            |
|            | C25AJ008   | 0.86                         | 0.19 | 0.50 | 0.27 | 0.00      | 0.00        | 0.94   | 2.76       |                             |      |      |     |           |             |        |            |
|            | C25AJ009   | 0.92                         | 0.20 | 0.50 | 0.27 | 0.00      | 0.00        | 1.00   | 2.89       |                             |      |      |     |           |             |        |            |
|            | C25AJ010   | 1.00                         | 0.22 | 0.50 | 0.27 | 0.00      | 0.00        | 1.10   | 3.09       |                             |      |      |     |           |             |        |            |
|            | C25AJ011   | 1.08                         | 0.24 | 0.50 | 0.27 | 0.00      | 0.00        | 1.19   | 3.28       |                             |      |      |     |           |             |        |            |
|            | C25AJ012   | 1.16                         | 0.26 | 0.50 | 0.27 | 0.00      | 0.00        | 1.28   | 3.47       |                             |      |      |     |           |             |        |            |
|            | C25AJ013   | 1.24                         | 0.27 | 0.50 | 0.27 | 0.00      | 0.00        | 1.36   | 3.64       |                             |      |      |     |           |             |        |            |
|            | C25AJ014   | 1.17                         | 0.14 | 1.96 | 0.80 | 0.00      | 0.00        | 1.50   | 5.57       |                             |      |      |     |           |             |        |            |
|            | C25AJ015   | 1.55                         | 0.19 | 1.96 | 0.80 | 0.00      | 0.00        | 1.99   | 6.49       |                             |      |      |     |           |             |        |            |
|            | C25AJ016   | 1.63                         | 0.20 | 1.96 | 0.80 | 0.00      | 0.00        | 2.09   | 6.68       |                             |      |      |     |           |             |        |            |
|            | C25AJ017   | 1.71                         | 0.21 | 2.45 | 1.01 | 0.00      | 0.00        | 2.18   | 7.56       |                             |      |      |     |           |             |        |            |
|            | C25AJ018   | 1.87                         | 0.23 | 2.45 | 1.01 | 0.00      | 0.00        | 2.39   | 7.95       |                             |      |      |     |           |             |        |            |
|            | C25AJ019   | 2.61                         | 0.32 | 2.74 | 1.12 | 0.00      | 0.00        | 3.35   | 10.14      |                             |      |      |     |           |             |        |            |
|            | C25AJ020   | 3.58                         | 0.43 | 2.45 | 1.01 | 0.00      | 0.00        | 4.58   | 12.05      |                             |      |      |     |           |             |        |            |
|            | C25ST001   | 0.33                         | 0.04 | 0.88 | 0.36 | 0.00      | 0.00        | 0.42   | 2.03       |                             |      |      |     |           |             |        |            |
|            | C25ST002   | 0.35                         | 0.04 | 0.88 | 0.36 | 0.00      | 0.00        | 0.45   | 2.08       |                             |      |      |     |           |             |        |            |
|            | C25ST003   | 0.32                         | 0.04 | 0.54 | 0.22 | 0.00      | 0.00        | 0.41   | 1.53       |                             |      |      |     |           |             |        |            |
|            | C25SV001   | 18.42                        | 4.10 | 1.58 | 0.76 | 0.20      | 0.04        | 20.25  | 45.35      |                             |      |      |     |           |             |        |            |
|            | C25SV002   | 15.02                        | 3.34 | 1.58 | 0.76 | 0.16      | 0.03        | 16.52  | 37.41      |                             |      |      |     |           |             |        |            |
|            | C25SV003   | 9.96                         | 2.22 | 0.73 | 0.35 | 0.13      | 0.02        | 10.95  | 24.36      |                             |      |      |     |           |             |        |            |
|            | C25SV004   | 8.20                         | 1.84 | 0.72 | 0.35 | 0.19      | 0.03        | 9.03   | 20.36      |                             |      |      |     |           |             |        |            |
|            | C25WC001   | 0.36                         | 0.04 | 0.49 | 0.20 | 0.00      | 0.00        | 0.46   | 1.55       |                             |      |      |     |           |             |        |            |
|            | C25WC002   | 0.46                         | 0.06 | 0.78 | 0.32 | 0.00      | 0.00        | 0.59   | 2.21       |                             |      |      |     |           |             |        |            |
|            | <b>C35</b> | C35AL002                     | 3.16 | 0.48 | 0.85 | 0.31      | 0.15        | 0.03   | 4.30       | 9.28                        |      |      |     |           |             |        |            |
| C35AL003   |            | 1.91                         | 0.29 | 0.00 | 0.19 | 0.07      | 0.01        | 2.60   | 5.07       |                             |      |      |     |           |             |        |            |
| C35AL005   |            | 3.54                         | 0.53 | 0.59 | 0.21 | 0.03      | 0.01        | 4.81   | 9.72       |                             |      |      |     |           |             |        |            |
| C35AL007   |            | 2.00                         | 0.30 | 0.00 | 0.25 | 0.00      | 0.00        | 2.71   | 5.26       |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>C35</b> | <i>cont.</i> |                              |      |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | C35AL008     | 2.35                         | 0.35 | 0.00  | 0.30  | 0.00      | 0.00        | 3.19   | 6.19       |                             |      |      |     |           |             |        |            |
|            | C35AL009     | 2.50                         | 0.37 | 0.00  | 0.40  | 0.00      | 0.00        | 3.39   | 6.66       |                             |      |      |     |           |             |        |            |
|            | C35AL012     | 2.50                         | 0.37 | 0.93  | 0.85  | 0.04      | 0.01        | 3.39   | 8.09       |                             |      |      |     |           |             |        |            |
|            | C35AL013     | 1.15                         | 0.18 | 0.00  | 0.40  | 0.07      | 0.01        | 1.57   | 3.38       |                             |      |      |     |           |             |        |            |
|            | C35AL014     | 4.00                         | 0.60 | 0.85  | 0.31  | 0.03      | 0.01        | 5.43   | 11.23      |                             |      |      |     |           |             |        |            |
|            | C35AV001     | 8.05                         | 1.19 | 0.93  | 2.54  | 0.00      | 0.00        | 10.91  | 23.62      |                             |      |      |     |           |             |        |            |
|            | C35AV002     | 9.46                         | 1.40 | 0.93  | 3.04  | 0.00      | 0.00        | 12.82  | 27.65      |                             |      |      |     |           |             |        |            |
|            | C35AV006     | 7.45                         | 1.11 | 1.86  | 3.07  | 0.09      | 0.02        | 10.10  | 23.70      |                             |      |      |     |           |             |        |            |
|            | C35AV007     | 1.41                         | 0.21 | 0.28  | 2.16  | 0.00      | 0.00        | 1.91   | 5.97       |                             |      |      |     |           |             |        |            |
| C35AV008   | 2.10         | 0.31                         | 0.28 | 2.16  | 0.00  | 0.00      | 2.84        | 7.69   |            |                             |      |      |     |           |             |        |            |
| C35AV009   | 2.56         | 0.38                         | 0.56 | 2.32  | 0.00  | 0.00      | 3.47        | 9.29   |            |                             |      |      |     |           |             |        |            |
| <b>C40</b> | C40CC001     | 3.40                         | 0.41 | 0.87  | 0.56  | 0.00      | 0.00        | 4.35   | 9.59       |                             |      |      |     |           |             |        |            |
|            | C40MU001     | 0.40                         | 0.05 | 0.78  | 0.32  | 0.00      | 0.00        | 0.51   | 2.06       |                             |      |      |     |           |             |        |            |
|            | C40MU002     | 0.84                         | 0.10 | 1.27  | 0.52  | 0.00      | 0.00        | 1.07   | 3.80       |                             |      |      |     |           |             |        |            |
|            | C40MU003     | 0.41                         | 0.05 | 0.78  | 0.32  | 0.00      | 0.00        | 0.52   | 2.08       |                             |      |      |     |           |             |        |            |
|            | C40MU004     | 0.47                         | 0.06 | 0.78  | 0.32  | 0.00      | 0.00        | 0.61   | 2.24       |                             |      |      |     |           |             |        |            |
|            | C40MX001     | 3.61                         | 0.46 | 0.54  | 0.19  | 0.15      | 0.03        | 4.66   | 9.64       |                             |      |      |     |           |             |        |            |
|            | C40MX002     | 0.67                         | 0.08 | 0.00  | 1.00  | 0.00      | 0.00        | 0.86   | 2.61       |                             |      |      |     |           |             |        |            |
|            | C40MX003     | 6.58                         | 0.82 | 1.57  | 0.56  | 0.15      | 0.03        | 8.46   | 18.17      |                             |      |      |     |           |             |        |            |
|            | C40MX006     | 5.96                         | 0.72 | 0.00  | 1.75  | 0.00      | 0.00        | 7.62   | 16.05      |                             |      |      |     |           |             |        |            |
|            | C40MX007     | 5.37                         | 0.65 | 0.00  | 1.65  | 0.00      | 0.00        | 6.88   | 14.55      |                             |      |      |     |           |             |        |            |
|            | C40RC001     | 19.34                        | 2.35 | 3.47  | 4.23  | 0.00      | 0.00        | 24.75  | 54.14      |                             |      |      |     |           |             |        |            |
|            | C40RC002     | 21.73                        | 2.64 | 5.21  | 5.59  | 0.00      | 0.00        | 27.82  | 62.99      |                             |      |      |     |           |             |        |            |
|            | C40RC003     | 24.57                        | 2.98 | 6.94  | 6.95  | 0.00      | 0.00        | 31.45  | 72.89      |                             |      |      |     |           |             |        |            |
|            | C40RC004     | 26.79                        | 3.25 | 8.68  | 9.32  | 0.00      | 0.00        | 34.29  | 82.33      |                             |      |      |     |           |             |        |            |
|            | C40RC005     | 28.30                        | 3.43 | 10.42 | 10.68 | 0.00      | 0.00        | 36.22  | 89.05      |                             |      |      |     |           |             |        |            |
|            | C40ST001     | 0.30                         | 0.04 | 0.09  | 0.26  | 0.00      | 0.00        | 0.38   | 1.07       |                             |      |      |     |           |             |        |            |
|            | C40ST002     | 0.33                         | 0.04 | 0.54  | 0.22  | 0.00      | 0.00        | 0.43   | 1.56       |                             |      |      |     |           |             |        |            |
|            | C40ST003     | 0.44                         | 0.05 | 0.09  | 0.31  | 0.00      | 0.00        | 0.57   | 1.46       |                             |      |      |     |           |             |        |            |
|            | C40ST004     | 0.49                         | 0.06 | 0.78  | 0.32  | 0.00      | 0.00        | 0.62   | 2.27       |                             |      |      |     |           |             |        |            |
|            | C40ST005     | 0.57                         | 0.07 | 0.13  | 0.38  | 0.00      | 0.00        | 0.73   | 1.88       |                             |      |      |     |           |             |        |            |
| C40ST006   | 0.59         | 0.07                         | 0.78 | 0.32  | 0.00  | 0.00      | 0.75        | 2.51   |            |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |          | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |  |
|------------|----------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|--|
| CAT        | ID. NO.  | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |  |
| <b>C45</b> | C45CW001 | 37.97                        | 8.45 | 8.19  | 2.94 | 0.00      | 0.00        | 62.17  | 119.72     |                             |      |      |     |           |             |        |            |  |
|            | C45G0004 | 18.27                        | 4.07 | 6.06  | 2.18 | 0.00      | 0.00        | 29.92  | 60.50      |                             |      |      |     |           |             |        |            |  |
|            | C45G0010 | 8.87                         | 1.98 | 3.01  | 1.08 | 0.00      | 0.00        | 14.53  | 29.47      |                             |      |      |     |           |             |        |            |  |
|            | C45G0011 | 11.14                        | 2.48 | 5.54  | 1.99 | 0.00      | 0.00        | 18.24  | 39.39      |                             |      |      |     |           |             |        |            |  |
|            | C45G0012 | 19.85                        | 4.42 | 5.54  | 1.99 | 0.00      | 0.00        | 32.50  | 64.30      |                             |      |      |     |           |             |        |            |  |
|            | C45G0013 | 7.86                         | 1.75 | 2.29  | 0.82 | 0.00      | 0.00        | 12.87  | 25.59      |                             |      |      |     |           |             |        |            |  |
|            | C45G0014 | 10.57                        | 2.35 | 3.01  | 1.08 | 0.00      | 0.00        | 17.30  | 34.31      |                             |      |      |     |           |             |        |            |  |
|            | C45G0015 | 19.10                        | 4.25 | 7.53  | 2.70 | 0.00      | 0.00        | 31.28  | 64.86      |                             |      |      |     |           |             |        |            |  |
|            | C45G0016 | 25.06                        | 5.58 | 7.53  | 2.70 | 0.00      | 0.00        | 41.04  | 81.91      |                             |      |      |     |           |             |        |            |  |
|            | C45G0017 | 30.09                        | 6.70 | 8.19  | 2.94 | 0.00      | 0.00        | 49.27  | 97.19      |                             |      |      |     |           |             |        |            |  |
|            | C45G0018 | 35.69                        | 7.94 | 8.19  | 2.94 | 0.00      | 0.00        | 58.43  | 113.19     |                             |      |      |     |           |             |        |            |  |
|            | C45G0019 | 32.88                        | 7.32 | 10.65 | 3.82 | 0.00      | 0.00        | 53.84  | 108.51     |                             |      |      |     |           |             |        |            |  |
|            | C45G0020 | 39.08                        | 8.70 | 10.65 | 3.82 | 0.00      | 0.00        | 63.99  | 126.24     |                             |      |      |     |           |             |        |            |  |
|            | C45G0024 | 3.73                         | 0.83 | 3.36  | 1.38 | 0.00      | 0.00        | 6.11   | 15.41      |                             |      |      |     |           |             |        |            |  |
|            | C45G0025 | 4.83                         | 1.08 | 5.04  | 2.07 | 0.00      | 0.00        | 7.91   | 20.93      |                             |      |      |     |           |             |        |            |  |
|            | C45G0030 | 19.60                        | 4.36 | 10.65 | 3.82 | 0.00      | 0.00        | 32.10  | 70.53      |                             |      |      |     |           |             |        |            |  |
|            | C45G0031 | 24.95                        | 5.55 | 10.65 | 3.82 | 0.00      | 0.00        | 40.85  | 85.82      |                             |      |      |     |           |             |        |            |  |
| C45MJ001   | 0.55     | 0.12                         | 1.47 | 0.60  | 0.00 | 0.00      | 0.90        | 3.64   |            |                             |      |      |     |           |             |        |            |  |
| <b>C55</b> | C55MO001 | 2.65                         | 0.44 | 2.94  | 1.21 | 0.03      | 0.01        | 3.99   | 11.27      |                             |      |      |     |           |             |        |            |  |
|            | C55MO002 | 5.07                         | 0.85 | 2.21  | 0.79 | 0.03      | 0.01        | 7.64   | 16.60      |                             |      |      |     |           |             |        |            |  |
|            | C55MO003 | 5.69                         | 0.95 | 3.33  | 1.20 | 0.03      | 0.01        | 8.57   | 19.78      |                             |      |      |     |           |             |        |            |  |
|            | C55MO004 | 6.87                         | 1.15 | 3.33  | 1.20 | 0.03      | 0.01        | 10.35  | 22.94      |                             |      |      |     |           |             |        |            |  |
|            | C55MO007 | 19.40                        | 3.25 | 8.62  | 3.10 | 0.24      | 0.04        | 29.24  | 63.89      |                             |      |      |     |           |             |        |            |  |
|            | C55MO011 | 31.49                        | 5.28 | 10.43 | 3.75 | 0.42      | 0.08        | 47.48  | 98.93      |                             |      |      |     |           |             |        |            |  |
|            | C55MO012 | 32.15                        | 5.38 | 10.43 | 3.75 | 0.42      | 0.08        | 48.46  | 100.67     |                             |      |      |     |           |             |        |            |  |
|            | C55MO013 | 27.72                        | 4.65 | 10.43 | 3.75 | 0.42      | 0.08        | 41.79  | 88.84      |                             |      |      |     |           |             |        |            |  |
|            | C55MO014 | 27.09                        | 4.54 | 10.43 | 3.75 | 0.42      | 0.08        | 40.84  | 87.15      |                             |      |      |     |           |             |        |            |  |
|            | C55MO015 | 40.55                        | 6.78 | 10.43 | 3.75 | 0.42      | 0.08        | 61.11  | 123.12     |                             |      |      |     |           |             |        |            |  |
|            | C55MO016 | 9.64                         | 1.62 | 5.35  | 1.92 | 0.15      | 0.03        | 14.53  | 33.24      |                             |      |      |     |           |             |        |            |  |
|            | C55MO017 | 10.26                        | 1.72 | 5.35  | 1.92 | 0.15      | 0.03        | 15.47  | 34.90      |                             |      |      |     |           |             |        |            |  |
|            | C55SC001 | 6.29                         | 1.05 | 2.06  | 0.74 | 0.03      | 0.01        | 9.47   | 19.65      |                             |      |      |     |           |             |        |            |  |
|            | C55SC002 | 14.33                        | 2.40 | 5.35  | 1.92 | 0.15      | 0.03        | 21.60  | 45.78      |                             |      |      |     |           |             |        |            |  |
|            | C55SC005 | 21.38                        | 3.60 | 10.58 | 3.80 | 0.48      | 0.09        | 32.25  | 72.18      |                             |      |      |     |           |             |        |            |  |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>C55</b> | <i>cont.</i> |                              |      |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | C55SC006     | 27.19                        | 4.57 | 10.58 | 3.80  | 0.50      | 0.09        | 41.01  | 87.74      |                             |      |      |     |           |             |        |            |
|            | C55SC007     | 36.28                        | 6.11 | 11.59 | 4.16  | 0.85      | 0.15        | 54.73  | 113.87     |                             |      |      |     |           |             |        |            |
|            | C55SC008     | 44.21                        | 7.44 | 11.59 | 4.16  | 1.02      | 0.19        | 66.70  | 135.31     |                             |      |      |     |           |             |        |            |
|            | C55SC009     | 56.62                        | 9.51 | 17.64 | 6.34  | 1.02      | 0.19        | 85.38  | 176.70     |                             |      |      |     |           |             |        |            |
| <b>C60</b> |              |                              |      |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | C60CQ001     | 1.24                         | 0.18 | 4.41  | 1.81  | 0.00      | 0.00        | 1.98   | 9.62       |                             |      |      |     |           |             |        |            |
|            | C60CQ002     | 0.28                         | 0.04 | 1.01  | 0.41  | 0.00      | 0.00        | 0.45   | 2.19       |                             |      |      |     |           |             |        |            |
|            | C60CQ003     | 0.33                         | 0.05 | 1.64  | 0.67  | 0.00      | 0.00        | 0.52   | 3.21       |                             |      |      |     |           |             |        |            |
|            | C60CQ004     | 0.35                         | 0.05 | 0.56  | 0.32  | 0.00      | 0.00        | 0.57   | 1.85       |                             |      |      |     |           |             |        |            |
|            | C60CQ005     | 0.25                         | 0.04 | 1.39  | 0.57  | 0.00      | 0.00        | 0.41   | 2.66       |                             |      |      |     |           |             |        |            |
|            | C60CQ006     | 0.41                         | 0.06 | 1.64  | 0.67  | 0.00      | 0.00        | 0.65   | 3.43       |                             |      |      |     |           |             |        |            |
|            | C60CQ007     | 0.60                         | 0.08 | 0.89  | 0.51  | 0.00      | 0.00        | 0.96   | 3.04       |                             |      |      |     |           |             |        |            |
|            | C60CQ008     | 0.49                         | 0.07 | 2.02  | 0.83  | 0.00      | 0.00        | 0.78   | 4.19       |                             |      |      |     |           |             |        |            |
|            | C60CQ009     | 1.26                         | 0.18 | 2.23  | 1.29  | 0.00      | 0.00        | 2.02   | 6.98       |                             |      |      |     |           |             |        |            |
|            | C60CQ010     | 1.90                         | 0.27 | 10.82 | 5.27  | 0.00      | 0.00        | 3.03   | 21.29      |                             |      |      |     |           |             |        |            |
|            | C60CQ011     | 1.61                         | 0.23 | 8.19  | 3.36  | 0.00      | 0.00        | 2.58   | 15.97      |                             |      |      |     |           |             |        |            |
|            | C60CQ012     | 1.63                         | 0.23 | 8.19  | 3.36  | 0.00      | 0.00        | 2.60   | 16.01      |                             |      |      |     |           |             |        |            |
|            | C60CQ013     | 1.71                         | 0.24 | 8.19  | 3.36  | 0.00      | 0.00        | 2.74   | 16.24      |                             |      |      |     |           |             |        |            |
|            | C60CQ014     | 1.60                         | 0.23 | 3.35  | 1.93  | 0.00      | 0.00        | 2.57   | 9.68       |                             |      |      |     |           |             |        |            |
|            | C60CQ015     | 2.77                         | 0.39 | 27.82 | 13.56 | 0.00      | 0.00        | 4.43   | 48.97      |                             |      |      |     |           |             |        |            |
|            | C60CQ016     | 2.78                         | 0.39 | 27.82 | 13.56 | 0.00      | 0.00        | 4.46   | 49.01      |                             |      |      |     |           |             |        |            |
|            | C60CQ017     | 3.33                         | 0.47 | 27.82 | 13.56 | 0.00      | 0.00        | 5.32   | 50.50      |                             |      |      |     |           |             |        |            |
|            | C60FE001     | 0.13                         | 0.02 | 0.13  | 0.05  | 0.00      | 0.00        | 0.21   | 0.54       |                             |      |      |     |           |             |        |            |
|            | C60FE002     | 0.14                         | 0.02 | 0.25  | 0.10  | 0.00      | 0.00        | 0.22   | 0.73       |                             |      |      |     |           |             |        |            |
|            | C60FE006     | 0.27                         | 0.04 | 1.01  | 0.41  | 0.00      | 0.00        | 0.43   | 2.16       |                             |      |      |     |           |             |        |            |
|            | C60FE007     | 0.33                         | 0.05 | 1.64  | 0.67  | 0.00      | 0.00        | 0.53   | 3.22       |                             |      |      |     |           |             |        |            |
|            | C60FE009     | 1.01                         | 0.14 | 2.52  | 1.03  | 0.00      | 0.00        | 1.61   | 6.31       |                             |      |      |     |           |             |        |            |
|            | C60LY001     | 2.60                         | 0.37 | 1.26  | 0.52  | 0.00      | 0.00        | 4.16   | 8.91       |                             |      |      |     |           |             |        |            |
|            | C60LY002     | 3.80                         | 0.54 | 4.41  | 1.81  | 0.00      | 0.00        | 6.08   | 16.64      |                             |      |      |     |           |             |        |            |
|            | C60LY003     | 0.19                         | 0.03 | 1.01  | 0.41  | 0.00      | 0.00        | 0.30   | 1.94       |                             |      |      |     |           |             |        |            |
|            | C60LY004     | 0.25                         | 0.04 | 1.39  | 0.57  | 0.00      | 0.00        | 0.41   | 2.66       |                             |      |      |     |           |             |        |            |
|            | C60LY005     | 0.25                         | 0.04 | 1.39  | 0.57  | 0.00      | 0.00        | 0.41   | 2.66       |                             |      |      |     |           |             |        |            |
|            | C60LY008     | 1.20                         | 0.17 | 4.41  | 1.81  | 0.00      | 0.00        | 1.91   | 9.50       |                             |      |      |     |           |             |        |            |
|            | C60LY009     | 2.42                         | 0.34 | 8.19  | 3.36  | 0.00      | 0.00        | 3.86   | 18.17      |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>C60</b> | <i>cont.</i> |                              |       |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | C60LY010     | 1.69                         | 0.24  | 8.19  | 3.36 | 0.00      | 0.00        | 2.70   | 16.18      |                             |      |      |     |           |             |        |            |
|            | C60LY011     | 6.52                         | 0.92  | 20.09 | 9.79 | 0.00      | 0.00        | 10.44  | 47.76      |                             |      |      |     |           |             |        |            |
| <b>C65</b> | C65ST007     | 0.18                         | 0.02  | 0.08  | 0.05 | 0.00      | 0.00        | 0.67   | 1.00       |                             |      |      |     |           |             |        |            |
|            | C65ST008     | 0.20                         | 0.02  | 0.16  | 0.09 | 0.00      | 0.00        | 0.76   | 1.23       |                             |      |      |     |           |             |        |            |
|            | C65ST009     | 0.24                         | 0.02  | 0.24  | 0.14 | 0.00      | 0.00        | 0.93   | 1.57       |                             |      |      |     |           |             |        |            |
|            | C65ST010     | 0.18                         | 0.02  | 0.08  | 0.05 | 0.00      | 0.00        | 0.68   | 1.01       |                             |      |      |     |           |             |        |            |
|            | C65ST011     | 0.22                         | 0.02  | 0.16  | 0.09 | 0.00      | 0.00        | 0.85   | 1.34       |                             |      |      |     |           |             |        |            |
|            | C65ST012     | 0.25                         | 0.03  | 0.24  | 0.14 | 0.00      | 0.00        | 0.96   | 1.62       |                             |      |      |     |           |             |        |            |
|            | C65ST013     | 0.33                         | 0.03  | 0.50  | 0.21 | 0.00      | 0.00        | 1.27   | 2.34       |                             |      |      |     |           |             |        |            |
|            | C65WC001     | 0.32                         | 0.03  | 0.08  | 0.18 | 0.00      | 0.00        | 1.24   | 1.85       |                             |      |      |     |           |             |        |            |
|            | C65WC002     | 0.34                         | 0.03  | 0.16  | 0.23 | 0.00      | 0.00        | 1.31   | 2.07       |                             |      |      |     |           |             |        |            |
|            | C65XX001     | 0.17                         | 0.02  | 0.00  | 0.06 | 0.00      | 0.00        | 0.64   | 0.89       |                             |      |      |     |           |             |        |            |
|            | C65XX002     | 0.20                         | 0.02  | 0.00  | 0.08 | 0.00      | 0.00        | 0.78   | 1.08       |                             |      |      |     |           |             |        |            |
|            | C65XX003     | 0.23                         | 0.02  | 0.00  | 0.10 | 0.00      | 0.00        | 0.86   | 1.21       |                             |      |      |     |           |             |        |            |
|            | C65XX004     | 0.27                         | 0.03  | 0.00  | 0.13 | 0.00      | 0.00        | 1.03   | 1.46       |                             |      |      |     |           |             |        |            |
|            | C65XX005     | 0.49                         | 0.05  | 0.00  | 0.15 | 0.00      | 0.00        | 1.89   | 2.58       |                             |      |      |     |           |             |        |            |
|            | <b>C75</b>   | C75BD001                     | 4.54  | 1.27  | 6.72 | 2.76      | 0.14        | 0.03   | 5.52       | 20.98                       |      |      |     |           |             |        |            |
| C75BD002   |              | 5.72                         | 1.60  | 10.18 | 4.18 | 0.21      | 0.04        | 6.96   | 28.89      |                             |      |      |     |           |             |        |            |
| C75BD003   |              | 6.95                         | 1.96  | 10.18 | 4.18 | 0.48      | 0.09        | 8.46   | 32.30      |                             |      |      |     |           |             |        |            |
| C75GV001   |              | 13.44                        | 3.81  | 3.44  | 1.32 | 1.17      | 0.21        | 16.38  | 39.77      |                             |      |      |     |           |             |        |            |
| C75GV002   |              | 13.44                        | 3.81  | 3.44  | 1.32 | 1.17      | 0.21        | 16.38  | 39.77      |                             |      |      |     |           |             |        |            |
| C75GV003   |              | 13.44                        | 3.81  | 3.44  | 1.32 | 1.17      | 0.21        | 16.38  | 39.77      |                             |      |      |     |           |             |        |            |
| C75GV004   |              | 13.40                        | 3.76  | 4.09  | 1.57 | 0.75      | 0.14        | 16.31  | 40.02      |                             |      |      |     |           |             |        |            |
| C75GV005   |              | 13.40                        | 3.76  | 4.09  | 1.57 | 0.75      | 0.14        | 16.31  | 40.02      |                             |      |      |     |           |             |        |            |
| C75GV006   |              | 13.40                        | 3.76  | 4.09  | 1.57 | 0.75      | 0.14        | 16.31  | 40.02      |                             |      |      |     |           |             |        |            |
| C75GV007   |              | 14.11                        | 3.96  | 4.09  | 1.57 | 0.75      | 0.14        | 17.17  | 41.79      |                             |      |      |     |           |             |        |            |
| C75GV008   |              | 15.79                        | 4.61  | 4.09  | 1.57 | 2.88      | 0.52        | 19.33  | 48.79      |                             |      |      |     |           |             |        |            |
| C75GV009   |              | 15.79                        | 4.61  | 4.09  | 1.57 | 2.88      | 0.52        | 19.33  | 48.79      |                             |      |      |     |           |             |        |            |
| C75GV010   |              | 15.79                        | 4.61  | 4.09  | 1.57 | 2.88      | 0.52        | 19.33  | 48.79      |                             |      |      |     |           |             |        |            |
| C75GV014   |              | 34.42                        | 9.75  | 6.49  | 2.50 | 2.85      | 0.52        | 41.96  | 98.49      |                             |      |      |     |           |             |        |            |
| C75GV015   |              | 39.96                        | 11.29 | 8.19  | 3.15 | 2.98      | 0.54        | 48.69  | 114.80     |                             |      |      |     |           |             |        |            |
| C75GV016   |              | 51.41                        | 14.57 | 8.19  | 3.15 | 4.45      | 0.81        | 62.67  | 145.25     |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |
|------------|--------------|------------------------------|-------|------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>C75</b> | <i>cont.</i> |                              |       |      |      |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | C75GV018     | 22.61                        | 6.41  | 4.98 | 1.92 | 2.02      | 0.37        | 27.56  | 65.87      |                             |       |       |      |           |             |        |            |
|            | C75GV019     | 31.21                        | 8.87  | 5.80 | 2.23 | 2.98      | 0.54        | 38.06  | 89.69      |                             |       |       |      |           |             |        |            |
|            | C75LB001     | 12.50                        | 3.55  | 3.44 | 1.32 | 1.05      | 0.19        | 15.25  | 37.30      |                             |       |       |      |           |             |        |            |
|            | C75LB002     | 15.52                        | 4.42  | 4.26 | 1.64 | 1.39      | 0.25        | 18.93  | 46.41      |                             |       |       |      |           |             |        |            |
|            | C75LO003     | 14.18                        | 4.03  | 4.26 | 1.64 | 1.37      | 0.25        | 17.30  | 43.03      |                             |       |       |      |           |             |        |            |
|            | C75LO004     | 14.20                        | 4.04  | 4.26 | 1.64 | 1.37      | 0.25        | 17.31  | 43.07      |                             |       |       |      |           |             |        |            |
|            | C75LO009     | 8.14                         | 2.37  | 2.62 | 1.01 | 1.37      | 0.25        | 9.96   | 25.72      |                             |       |       |      |           |             |        |            |
|            | C75LO010     | 8.14                         | 2.37  | 2.62 | 1.01 | 1.37      | 0.25        | 9.96   | 25.72      |                             |       |       |      |           |             |        |            |
|            | C75LO011     | 20.21                        | 5.76  | 7.53 | 2.90 | 1.92      | 0.35        | 24.66  | 63.33      |                             |       |       |      |           |             |        |            |
|            | C75LO012     | 20.22                        | 5.76  | 8.19 | 3.15 | 1.92      | 0.35        | 24.67  | 64.26      |                             |       |       |      |           |             |        |            |
|            | C75LO013     | 17.94                        | 5.13  | 4.98 | 1.92 | 2.09      | 0.38        | 21.90  | 54.34      |                             |       |       |      |           |             |        |            |
|            | C75PH001     | 14.63                        | 4.14  | 4.26 | 1.64 | 1.17      | 0.21        | 17.83  | 43.88      |                             |       |       |      |           |             |        |            |
|            | C75PH002     | 14.61                        | 4.13  | 4.26 | 1.64 | 1.17      | 0.21        | 17.81  | 43.83      |                             |       |       |      |           |             |        |            |
|            | C75PH003     | 14.61                        | 4.13  | 4.26 | 1.64 | 1.17      | 0.21        | 17.81  | 43.83      |                             |       |       |      |           |             |        |            |
|            | C75PH004     | 14.61                        | 4.13  | 4.26 | 1.64 | 1.17      | 0.21        | 17.81  | 43.83      |                             |       |       |      |           |             |        |            |
|            | C75PH006     | 17.70                        | 5.00  | 5.08 | 1.95 | 1.37      | 0.25        | 21.57  | 52.92      |                             |       |       |      |           |             |        |            |
|            | C75PH007     | 17.78                        | 5.02  | 5.08 | 1.95 | 1.37      | 0.25        | 21.66  | 53.11      |                             |       |       |      |           |             |        |            |
|            | C75PH012     | 26.07                        | 7.39  | 6.55 | 2.52 | 2.26      | 0.41        | 31.79  | 76.99      |                             |       |       |      |           |             |        |            |
|            | C75PH013     | 33.22                        | 9.43  | 7.47 | 2.87 | 2.98      | 0.54        | 40.50  | 97.01      |                             |       |       |      |           |             |        |            |
|            | C75PH014     | 17.68                        | 5.00  | 5.08 | 1.95 | 1.37      | 0.25        | 21.55  | 52.88      |                             |       |       |      |           |             |        |            |
|            | C75PH015     | 22.15                        | 6.31  | 5.80 | 2.23 | 2.26      | 0.41        | 27.02  | 66.18      |                             |       |       |      |           |             |        |            |
|            | C75PH016     | 23.33                        | 6.61  | 5.80 | 2.23 | 2.02      | 0.37        | 28.44  | 68.80      |                             |       |       |      |           |             |        |            |
|            | C75PH017     | 38.87                        | 10.99 | 8.19 | 3.15 | 2.98      | 0.54        | 47.36  | 112.08     |                             |       |       |      |           |             |        |            |
|            | C75PH018     | 14.99                        | 4.38  | 4.26 | 1.64 | 2.85      | 0.52        | 18.36  | 47.00      |                             |       |       |      |           |             |        |            |
|            | C75PH019     | 40.16                        | 11.34 | 8.19 | 3.15 | 2.98      | 0.54        | 48.93  | 115.29     |                             |       |       |      |           |             |        |            |
|            | C75TD002     | 15.03                        | 4.28  | 5.90 | 2.27 | 1.59      | 0.29        | 18.33  | 47.69      |                             |       |       |      |           |             |        |            |
|            | C75TD003     | 17.72                        | 5.01  | 5.90 | 2.27 | 1.37      | 0.25        | 21.59  | 54.11      |                             |       |       |      |           |             |        |            |
| C75TD005   | 30.79        | 8.75                         | 8.09  | 3.11 | 2.98 | 0.54      | 37.55       | 91.81  |            |                             |       |       |      |           |             |        |            |
| C75TD006   | 20.79        | 5.88                         | 8.09  | 3.11 | 1.59 | 0.29      | 25.34       | 65.09  |            |                             |       |       |      |           |             |        |            |
| C75TD007   | 27.36        | 7.89                         | 8.09  | 3.11 | 3.86 | 0.70      | 33.44       | 84.45  |            |                             |       |       |      |           |             |        |            |
| <b>C80</b> |              |                              |       |      |      |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | C80GV006     | 25.93                        | 8.19  | 6.93 | 2.31 | 0.92      | 0.17        | 27.59  | 72.04      | 29.63                       | 8.27  | 9.24  | 3.08 | 1.11      | 0.20        | 33.77  | 85.30      |
|            | C80GV010     | 31.24                        | 11.13 | 8.34 | 2.78 | 2.20      | 0.40        | 38.04  | 94.13      | 35.15                       | 11.20 | 10.63 | 3.55 | 2.71      | 0.49        | 45.45  | 109.18     |
| C80GV012   | 55.12        | 21.57                        | 10.71 | 3.57 | 3.30 | 0.60      | 75.46       | 170.33 | 61.24      | 21.71                       | 13.65 | 4.55  | 4.08 | 0.74      | 88.47       | 194.44 |            |

Table 2-2 . HOURLY RATE ELEMENTS

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |       |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|-------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |       |
| <b>C80</b> | <i>cont.</i> |                              |       |       |      |           |             |        |            |                             |       |       |      |           |             |        |            |       |
|            | C80GV020     | 29.78                        | 10.49 | 18.48 | 6.16 | 0.94      | 0.17        | 36.20  | 102.22     | 33.50                       | 10.56 | 24.64 | 8.22 | 1.13      | 0.21        | 43.26  | 121.52     |       |
|            | C80LB001     | 23.16                        | 8.17  | 8.73  | 2.91 | 0.84      | 0.15        | 28.16  | 72.12      | 26.05                       | 8.23  | 11.64 | 3.88 | 1.01      | 0.18        | 33.64  | 84.63      |       |
|            | C80LB002     | 31.29                        | 11.07 | 11.92 | 3.98 | 1.41      | 0.26        | 38.07  | 98.00      | 35.20                       | 11.14 | 15.89 | 5.30 | 1.71      | 0.31        | 45.48  | 115.03     |       |
|            | C80LI001     | 18.49                        | 5.18  | 5.54  | 2.56 | 0.77      | 0.14        | 16.87  | 49.55      | 21.57                       | 5.24  | 7.39  | 3.41 | 0.94      | 0.17        | 21.31  | 60.03      |       |
|            | C80LI003     | 16.24                        | 5.15  | 5.54  | 1.85 | 0.77      | 0.14        | 17.30  | 46.99      | 18.57                       | 5.20  | 7.39  | 2.46 | 0.94      | 0.17        | 21.17  | 55.90      |       |
|            | C80LI004     | 17.20                        | 5.45  | 5.82  | 1.94 | 0.77      | 0.14        | 18.31  | 49.63      | 19.66                       | 5.50  | 7.76  | 2.59 | 0.94      | 0.17        | 22.41  | 59.03      |       |
|            | C80LI006     | 21.96                        | 6.95  | 6.49  | 2.16 | 0.84      | 0.15        | 23.38  | 61.93      | 25.10                       | 7.02  | 8.65  | 2.88 | 1.01      | 0.18        | 28.61  | 73.45      |       |
|            | C80LI008     | 25.91                        | 8.22  | 10.12 | 3.37 | 1.27      | 0.23        | 27.59  | 76.71      | 29.61                       | 8.30  | 13.49 | 4.50 | 1.56      | 0.28        | 33.76  | 91.50      |       |
|            | C80PA001     | 0.94                         | 0.26  | 0.00  | 0.10 | 0.00      | 0.00        | 0.00   | 0.85       | 2.15                        | 1.09  | 0.26  | 0.00 | 0.10      | 0.00        | 0.00   | 1.08       | 2.53  |
|            | C80PA002     | 1.19                         | 0.33  | 0.00  | 0.10 | 0.00      | 0.00        | 0.00   | 1.08       | 2.70                        | 1.39  | 0.33  | 0.00 | 0.10      | 0.00        | 0.00   | 1.37       | 3.19  |
|            | C80PA003     | 2.13                         | 0.59  | 0.00  | 0.10 | 0.00      | 0.00        | 0.00   | 1.94       | 4.76                        | 2.49  | 0.59  | 0.00 | 0.10      | 0.00        | 0.00   | 2.45       | 5.63  |
|            | C80PA004     | 2.51                         | 0.69  | 0.00  | 0.25 | 0.00      | 0.00        | 0.00   | 2.29       | 5.74                        | 2.93  | 0.70  | 0.00 | 0.25      | 0.00        | 0.00   | 2.89       | 6.77  |
|            | C80PA005     | 3.26                         | 0.90  | 0.00  | 0.25 | 0.00      | 0.00        | 0.00   | 2.96       | 7.37                        | 3.80  | 0.91  | 0.00 | 0.25      | 0.00        | 0.00   | 3.74       | 8.70  |
|            | C80PA006     | 4.57                         | 1.26  | 0.00  | 0.25 | 0.00      | 0.00        | 0.00   | 4.16       | 10.24                       | 5.34  | 1.28  | 0.00 | 0.25      | 0.00        | 0.00   | 5.26       | 12.13 |
|            | C80PA007     | 5.77                         | 1.59  | 0.00  | 0.75 | 0.00      | 0.00        | 0.00   | 5.26       | 13.37                       | 6.74  | 1.61  | 0.00 | 0.75      | 0.00        | 0.00   | 6.64       | 15.74 |
|            | C80PA008     | 7.60                         | 2.10  | 0.00  | 0.75 | 0.00      | 0.00        | 0.00   | 6.92       | 17.37                       | 8.87  | 2.12  | 0.00 | 0.75      | 0.00        | 0.00   | 8.74       | 20.48 |
|            | C80PA009     | 11.76                        | 3.25  | 0.00  | 1.00 | 0.00      | 0.00        | 0.00   | 10.71      | 26.72                       | 13.72 | 3.28  | 0.00 | 1.00      | 0.00        | 0.00   | 13.53      | 31.53 |
|            | C80PH001     | 18.87                        | 5.27  | 5.82  | 2.69 | 0.61      | 0.11        | 17.21  | 50.58      | 22.01                       | 5.33  | 7.76  | 3.58 | 0.76      | 0.14        | 21.74  | 61.32      |       |
|            | C80PH002     | 17.09                        | 5.38  | 5.82  | 1.94 | 0.36      | 0.07        | 18.18  | 48.84      | 19.53                       | 5.43  | 7.76  | 2.59 | 0.44      | 0.08        | 22.25  | 58.08      |       |
| C80PH003   | 17.09        | 5.38                         | 5.82  | 1.94  | 0.36 | 0.07      | 18.18       | 48.84  | 19.54      | 5.43                        | 7.76  | 2.59  | 0.44 | 0.08      | 22.25       | 58.09  |            |       |
| C80PH006   | 24.07        | 7.61                         | 6.93  | 2.31  | 0.92 | 0.17      | 25.62       | 67.63  | 27.51      | 7.69                        | 9.24  | 3.08  | 1.11 | 0.20      | 31.36       | 80.19  |            |       |
| C80PH007   | 28.64        | 9.04                         | 9.70  | 3.23  | 0.92 | 0.17      | 30.47       | 82.17  | 32.73      | 9.13                        | 12.94 | 4.32  | 1.11 | 0.20      | 37.29       | 97.72  |            |       |
| C80TD004   | 24.13        | 7.73                         | 4.99  | 1.66  | 2.05 | 0.37      | 25.73       | 66.66  | 27.58      | 7.81                        | 6.65  | 2.22  | 2.63 | 0.48      | 31.49       | 78.86  |            |       |
| <b>C85</b> | C85AM002     | 27.76                        | 7.66  | 2.94  | 1.28 | 0.00      | 0.00        | 35.80  | 75.44      | 32.39                       | 7.75  | 3.88  | 1.69 | 0.00      | 0.00        | 46.68  | 92.39      |       |
|            | C85AM003     | 48.07                        | 15.02 | 7.31  | 2.06 | 0.00      | 0.00        | 69.28  | 141.74     | 54.94                       | 15.16 | 9.67  | 2.73 | 0.00      | 0.00        | 87.52  | 170.02     |       |
|            | C85AM004     | 138.41                       | 48.32 | 21.17 | 6.52 | 0.00      | 0.00        | 220.48 | 434.90     | 155.71                      | 48.64 | 27.97 | 8.61 | 0.00      | 0.00        | 271.67 | 512.60     |       |
|            | C85AM005     | 139.62                       | 48.75 | 21.17 | 6.52 | 0.00      | 0.00        | 222.41 | 438.47     | 157.07                      | 49.06 | 27.97 | 8.61 | 0.00      | 0.00        | 274.05 | 516.76     |       |
|            | C85AM007     | 25.94                        | 7.63  | 2.21  | 0.57 | 0.00      | 0.00        | 29.51  | 65.86      | 29.94                       | 7.71  | 2.84  | 0.73 | 0.00      | 0.00        | 36.34  | 77.56      |       |
|            | C85AM008     | 24.78                        | 8.65  | 2.21  | 0.62 | 0.00      | 0.00        | 31.95  | 68.21      | 27.88                       | 8.71  | 2.84  | 0.80 | 0.00      | 0.00        | 38.08  | 78.31      |       |
|            | C85AM009     | 26.15                        | 9.13  | 2.82  | 0.80 | 0.00      | 0.00        | 33.72  | 72.62      | 29.42                       | 9.19  | 3.63  | 1.02 | 0.00      | 0.00        | 40.18  | 83.44      |       |
|            | C85AM010     | 33.83                        | 11.81 | 3.76  | 1.06 | 0.00      | 0.00        | 43.63  | 94.09      | 38.06                       | 11.89 | 4.83  | 1.36 | 0.00      | 0.00        | 51.99  | 108.13     |       |
|            | C85AM011     | 44.49                        | 15.53 | 5.10  | 1.44 | 0.00      | 0.00        | 57.36  | 123.92     | 50.05                       | 15.63 | 6.55  | 1.85 | 0.00      | 0.00        | 68.36  | 142.44     |       |
|            | C85AM012     | 49.66                        | 19.14 | 4.92  | 1.51 | 0.00      | 0.00        | 71.57  | 146.80     | 55.18                       | 19.26 | 6.33  | 1.95 | 0.00      | 0.00        | 83.74  | 166.46     |       |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>C85</b> | <i>cont.</i> |                              |       |       |      |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | C85AM013     | 54.87                        | 21.14 | 4.92  | 1.51 | 0.00      | 0.00        | 79.08  | 161.52     | 60.97                       | 21.28 | 6.33  | 1.95 | 0.00      | 0.00        | 92.52  | 183.05     |
|            | C85AM015     | 118.50                       | 45.67 | 9.16  | 2.82 | 0.00      | 0.00        | 170.78 | 346.93     | 131.66                      | 45.97 | 11.77 | 3.62 | 0.00      | 0.00        | 199.82 | 392.84     |
|            | C85LB005     | 24.82                        | 8.66  | 3.65  | 1.03 | 0.00      | 0.00        | 32.00  | 70.16      | 27.92                       | 8.72  | 4.69  | 1.32 | 0.00      | 0.00        | 38.13  | 80.78      |
|            | C85LB006     | 28.43                        | 9.93  | 4.64  | 1.31 | 0.00      | 0.00        | 36.66  | 80.97      | 31.98                       | 9.99  | 5.96  | 1.68 | 0.00      | 0.00        | 43.69  | 93.30      |
|            | C85LB007     | 35.58                        | 12.42 | 4.64  | 1.31 | 0.00      | 0.00        | 45.88  | 99.83      | 40.03                       | 12.50 | 5.96  | 1.68 | 0.00      | 0.00        | 54.68  | 114.85     |
|            | C85LG001     | 12.06                        | 2.88  | 3.29  | 1.35 | 0.00      | 0.00        | 14.64  | 34.22      | 14.47                       | 2.93  | 4.35  | 1.79 | 0.00      | 0.00        | 19.76  | 43.30      |
|            | C85LG002     | 15.93                        | 3.81  | 3.29  | 1.35 | 0.00      | 0.00        | 19.34  | 43.72      | 19.11                       | 3.88  | 4.35  | 1.79 | 0.00      | 0.00        | 26.10  | 55.23      |
|            | C85MA001     | 47.30                        | 14.78 | 7.88  | 2.22 | 0.00      | 0.00        | 68.17  | 140.35     | 54.06                       | 14.92 | 10.41 | 2.94 | 0.00      | 0.00        | 86.12  | 168.45     |
|            | C85MA002     | 76.73                        | 23.97 | 7.88  | 2.22 | 0.00      | 0.00        | 110.59 | 221.39     | 87.69                       | 24.20 | 10.41 | 2.94 | 0.00      | 0.00        | 139.69 | 264.93     |
|            | C85MA003     | 80.24                        | 28.01 | 15.99 | 4.92 | 0.00      | 0.00        | 127.82 | 256.98     | 90.27                       | 28.20 | 21.13 | 6.50 | 0.00      | 0.00        | 157.50 | 303.60     |
|            | C85MA004     | 43.44                        | 15.17 | 5.91  | 1.67 | 0.00      | 0.00        | 56.01  | 122.20     | 48.87                       | 15.27 | 7.60  | 2.14 | 0.00      | 0.00        | 66.75  | 140.63     |
|            | C85MA005     | 49.68                        | 17.34 | 5.91  | 1.67 | 0.00      | 0.00        | 64.05  | 138.65     | 55.89                       | 17.46 | 7.60  | 2.14 | 0.00      | 0.00        | 76.33  | 159.42     |
|            | C85MA006     | 58.76                        | 22.64 | 5.91  | 1.82 | 0.00      | 0.00        | 84.68  | 173.81     | 65.28                       | 22.79 | 7.60  | 2.34 | 0.00      | 0.00        | 99.08  | 197.09     |
|            | C85MA007     | 91.79                        | 35.37 | 7.60  | 2.34 | 0.00      | 0.00        | 132.28 | 269.38     | 101.99                      | 35.61 | 9.78  | 3.01 | 0.00      | 0.00        | 154.78 | 305.17     |
| C85MA008   | 55.68        | 19.44                        | 5.91  | 1.67  | 0.00 | 0.00      | 71.80       | 154.50 | 62.64      | 19.57                       | 7.60  | 2.14  | 0.00 | 0.00      | 85.56       | 177.51 |            |
| C85MA009   | 53.29        | 18.61                        | 7.76  | 2.39  | 0.00 | 0.00      | 84.89       | 166.94 | 59.95      | 18.73                       | 10.26 | 3.16  | 0.00 | 0.00      | 104.60      | 196.70 |            |
| C85MA010   | 59.67        | 22.99                        | 5.82  | 1.79  | 0.00 | 0.00      | 85.99       | 176.26 | 66.29      | 23.15                       | 7.48  | 2.30  | 0.00 | 0.00      | 100.61      | 199.83 |            |
| C85NO001   | 25.78        | 6.17                         | 4.47  | 1.83  | 0.00 | 0.00      | 31.30       | 69.55  | 30.94      | 6.28                        | 5.91  | 2.43  | 0.00 | 0.00      | 42.26       | 87.82  |            |
| C85NO002   | 22.36        | 6.17                         | 4.47  | 1.95  | 0.00 | 0.00      | 28.83       | 63.78  | 26.08      | 6.24                        | 5.91  | 2.58  | 0.00 | 0.00      | 37.59       | 78.40  |            |
| C85NO003   | 26.29        | 7.25                         | 5.60  | 2.44  | 0.00 | 0.00      | 33.89       | 75.47  | 30.67      | 7.34                        | 7.40  | 3.23  | 0.00 | 0.00      | 44.20       | 92.84  |            |
| C85NO004   | 37.01        | 10.21                        | 5.60  | 2.44  | 0.00 | 0.00      | 47.71       | 102.97 | 43.17      | 10.33                       | 7.40  | 3.23  | 0.00 | 0.00      | 62.22       | 126.35 |            |
| C85NO005   | 38.08        | 11.89                        | 5.60  | 1.58  | 0.00 | 0.00      | 54.88       | 112.03 | 43.52      | 12.01                       | 7.40  | 2.09  | 0.00 | 0.00      | 69.32       | 134.34 |            |
| C85NO006   | 36.16        | 11.29                        | 7.15  | 2.02  | 0.00 | 0.00      | 52.11       | 108.73 | 41.32      | 11.41                       | 9.45  | 2.67  | 0.00 | 0.00      | 65.83       | 130.68 |            |
| C85NO007   | 43.32        | 15.12                        | 10.73 | 3.30  | 0.00 | 0.00      | 69.00       | 141.47 | 48.73      | 15.22                       | 14.17 | 4.36  | 0.00 | 0.00      | 85.03       | 167.51 |            |
| C85NO008   | 18.89        | 5.56                         | 3.35  | 0.86  | 0.00 | 0.00      | 21.50       | 50.16  | 21.80      | 5.61                        | 4.31  | 1.11  | 0.00 | 0.00      | 26.47       | 59.30  |            |
| C85NO009   | 19.05        | 5.61                         | 3.35  | 0.86  | 0.00 | 0.00      | 21.67       | 50.54  | 21.98      | 5.66                        | 4.31  | 1.11  | 0.00 | 0.00      | 26.68       | 59.74  |            |
| C85NO010   | 24.42        | 7.19                         | 4.20  | 1.08  | 0.00 | 0.00      | 27.78       | 64.67  | 28.17      | 7.26                        | 5.40  | 1.39  | 0.00 | 0.00      | 34.20       | 76.42  |            |
| C85NO011   | 28.33        | 9.89                         | 4.20  | 1.19  | 0.00 | 0.00      | 36.54       | 80.15  | 31.88      | 9.96                        | 5.40  | 1.52  | 0.00 | 0.00      | 43.54       | 92.30  |            |
| C85NO012   | 34.77        | 12.14                        | 4.20  | 1.19  | 0.00 | 0.00      | 44.83       | 97.13  | 39.12      | 12.22                       | 5.40  | 1.52  | 0.00 | 0.00      | 53.43       | 111.69 |            |
| C85NO013   | 31.70        | 11.07                        | 5.36  | 1.51  | 0.00 | 0.00      | 40.87       | 90.51  | 35.66      | 11.14                       | 6.89  | 1.94  | 0.00 | 0.00      | 48.71       | 104.34 |            |
| C85NO014   | 44.80        | 15.64                        | 8.04  | 2.27  | 0.00 | 0.00      | 57.76       | 128.51 | 50.40      | 15.74                       | 10.34 | 2.92  | 0.00 | 0.00      | 68.84       | 148.24 |            |
| <b>C90</b> |              |                              |       |       |      |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | C90AM001     | 34.02                        | 12.01 | 4.47  | 1.49 | 1.31      | 0.24        | 41.37  | 94.91      | 38.27                       | 12.09 | 5.88  | 1.96 | 1.61      | 0.29        | 49.43  | 109.53     |
|            | C90AM002     | 44.59                        | 15.74 | 9.52  | 3.17 | 1.72      | 0.31        | 54.23  | 129.28     | 50.16                       | 15.84 | 12.38 | 4.13 | 2.13      | 0.39        | 64.79  | 149.82     |



**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>C90</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | C90AM003     | 54.95                        | 21.34 | 7.99  | 2.66  | 1.67      | 0.30        | 75.15  | 164.06     | 61.06                       | 21.48 | 10.42 | 3.48 | 2.06      | 0.37        | 88.10  | 186.97     |
|            | C90AM004     | 71.28                        | 27.99 | 9.00  | 3.00  | 5.26      | 0.95        | 97.63  | 215.11     | 79.20                       | 28.18 | 11.84 | 3.95 | 6.49      | 1.18        | 114.46 | 245.30     |
|            | C90LI007     | 43.99                        | 17.18 | 7.53  | 2.51  | 2.27      | 0.41        | 60.20  | 134.09     | 48.87                       | 17.29 | 9.95  | 3.31 | 2.82      | 0.51        | 70.58  | 153.33     |
|            | C90LI008     | 52.49                        | 20.45 | 8.43  | 2.81  | 2.27      | 0.41        | 71.82  | 158.68     | 58.32                       | 20.59 | 11.08 | 3.69 | 2.82      | 0.51        | 84.19  | 181.20     |
|            | C90LI009     | 85.35                        | 33.12 | 10.87 | 3.62  | 2.27      | 0.41        | 116.70 | 252.34     | 94.84                       | 33.34 | 14.19 | 4.73 | 2.82      | 0.51        | 136.82 | 287.25     |
|            | C90PH001     | 42.61                        | 16.65 | 6.80  | 2.27  | 2.27      | 0.41        | 58.32  | 129.33     | 47.34                       | 16.76 | 8.91  | 2.97 | 2.82      | 0.51        | 68.37  | 147.68     |
| <b>C95</b> | C95AP001     | 21.44                        | 8.25  | 8.87  | 10.99 | 0.00      | 0.00        | 29.37  | 78.92      |                             |       |       |      |           |             |        |            |
|            | C95AP002     | 0.76                         | 0.29  | 0.00  | 0.00  | 0.00      | 0.00        | 1.04   | 2.09       |                             |       |       |      |           |             |        |            |
|            | C95AP003     | 3.26                         | 1.26  | 0.00  | 0.00  | 0.00      | 0.00        | 4.47   | 8.99       |                             |       |       |      |           |             |        |            |
|            | C95AP004     | 29.36                        | 11.30 | 12.90 | 13.57 | 0.00      | 0.00        | 40.23  | 107.36     |                             |       |       |      |           |             |        |            |
|            | C95AP005     | 0.76                         | 0.29  | 0.00  | 0.00  | 0.00      | 0.00        | 1.04   | 2.09       |                             |       |       |      |           |             |        |            |
|            | C95AP006     | 3.26                         | 1.26  | 0.00  | 0.00  | 0.00      | 0.00        | 4.47   | 8.99       |                             |       |       |      |           |             |        |            |
|            | C95AP007     | 48.47                        | 18.66 | 13.94 | 14.24 | 0.00      | 0.00        | 66.41  | 161.72     |                             |       |       |      |           |             |        |            |
|            | C95AP008     | 1.59                         | 0.61  | 0.00  | 0.00  | 0.00      | 0.00        | 2.18   | 4.38       |                             |       |       |      |           |             |        |            |
|            | C95AP009     | 5.38                         | 2.07  | 0.00  | 0.00  | 0.00      | 0.00        | 7.37   | 14.82      |                             |       |       |      |           |             |        |            |
|            | C95AP010     | 57.62                        | 22.18 | 20.39 | 18.38 | 0.00      | 0.00        | 78.94  | 197.51     |                             |       |       |      |           |             |        |            |
|            | C95AP011     | 2.01                         | 0.77  | 0.00  | 0.00  | 0.00      | 0.00        | 2.75   | 5.53       |                             |       |       |      |           |             |        |            |
|            | C95AP012     | 5.66                         | 2.18  | 0.00  | 0.00  | 0.00      | 0.00        | 7.75   | 15.59      |                             |       |       |      |           |             |        |            |
|            | C95AP013     | 61.37                        | 23.62 | 20.39 | 18.38 | 0.00      | 0.00        | 84.08  | 207.84     |                             |       |       |      |           |             |        |            |
|            | C95AP014     | 1.64                         | 0.63  | 0.00  | 0.00  | 0.00      | 0.00        | 2.24   | 4.51       |                             |       |       |      |           |             |        |            |
|            | C95AP015     | 5.21                         | 2.01  | 0.00  | 0.00  | 0.00      | 0.00        | 7.14   | 14.36      |                             |       |       |      |           |             |        |            |
|            | C95LH003     | 22.97                        | 8.84  | 8.14  | 8.22  | 0.00      | 0.00        | 31.47  | 79.64      |                             |       |       |      |           |             |        |            |
|            | C95LH004     | 24.38                        | 9.39  | 8.14  | 8.22  | 0.00      | 0.00        | 33.40  | 83.53      |                             |       |       |      |           |             |        |            |
|            | C95LH005     | 32.03                        | 12.33 | 10.32 | 10.62 | 0.00      | 0.00        | 43.88  | 109.18     |                             |       |       |      |           |             |        |            |
|            | C95LH006     | 36.07                        | 13.88 | 10.40 | 10.67 | 0.00      | 0.00        | 49.41  | 120.43     |                             |       |       |      |           |             |        |            |
|            | C95LH007     | 42.19                        | 16.24 | 10.40 | 10.67 | 0.00      | 0.00        | 57.80  | 137.30     |                             |       |       |      |           |             |        |            |
|            | C95LH008     | 45.80                        | 17.63 | 10.40 | 10.67 | 0.00      | 0.00        | 62.75  | 147.25     |                             |       |       |      |           |             |        |            |
|            | C95LH009     | 44.21                        | 17.02 | 10.40 | 10.67 | 0.00      | 0.00        | 60.57  | 142.87     |                             |       |       |      |           |             |        |            |
|            | C95LH010     | 46.87                        | 18.04 | 10.40 | 10.67 | 0.00      | 0.00        | 64.21  | 150.19     |                             |       |       |      |           |             |        |            |
|            | C95LH011     | 60.90                        | 23.44 | 14.75 | 14.46 | 0.00      | 0.00        | 83.43  | 196.98     |                             |       |       |      |           |             |        |            |
|            | C95LH012     | 70.38                        | 27.09 | 14.75 | 14.46 | 0.00      | 0.00        | 96.42  | 223.10     |                             |       |       |      |           |             |        |            |
|            | C95LH013     | 71.35                        | 27.47 | 15.23 | 14.77 | 0.00      | 0.00        | 97.76  | 226.58     |                             |       |       |      |           |             |        |            |
|            | C95LH014     | 76.74                        | 29.54 | 13.70 | 13.79 | 0.00      | 0.00        | 105.14 | 238.91     |                             |       |       |      |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>C95</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | C95LH015     | 121.13                       | 46.63 | 25.55 | 23.39 | 0.00      | 0.00        | 165.94 | 382.64     |                             |      |      |     |           |             |        |            |
|            | C95LH016     | 140.87                       | 54.23 | 25.55 | 23.39 | 0.00      | 0.00        | 193.00 | 437.04     |                             |      |      |     |           |             |        |            |
|            | C95LH017     | 6.18                         | 2.38  | 1.37  | 2.88  | 0.00      | 0.00        | 8.46   | 21.27      |                             |      |      |     |           |             |        |            |
|            | C95LH018     | 6.73                         | 2.59  | 1.53  | 2.98  | 0.00      | 0.00        | 9.22   | 23.05      |                             |      |      |     |           |             |        |            |
|            | C95LH019     | 15.91                        | 6.12  | 2.66  | 3.71  | 0.00      | 0.00        | 21.80  | 50.20      |                             |      |      |     |           |             |        |            |
|            | C95LH020     | 13.46                        | 5.18  | 2.82  | 3.81  | 0.00      | 0.00        | 18.44  | 43.71      |                             |      |      |     |           |             |        |            |
|            | C95LH021     | 17.17                        | 6.61  | 2.82  | 3.81  | 0.00      | 0.00        | 23.52  | 53.93      |                             |      |      |     |           |             |        |            |
|            | C95LH022     | 23.69                        | 9.12  | 5.24  | 6.36  | 0.00      | 0.00        | 32.46  | 76.87      |                             |      |      |     |           |             |        |            |
| <b>D10</b> | D10IN002     | 9.92                         | 2.21  | 0.00  | 0.84  | 0.00      | 0.00        | 15.83  | 28.80      |                             |      |      |     |           |             |        |            |
|            | D10IN003     | 8.88                         | 1.98  | 0.00  | 0.79  | 0.00      | 0.00        | 14.18  | 25.83      |                             |      |      |     |           |             |        |            |
|            | D10IN004     | 25.26                        | 5.62  | 6.37  | 2.29  | 0.00      | 0.00        | 40.32  | 79.86      |                             |      |      |     |           |             |        |            |
|            | D10IN005     | 29.01                        | 6.46  | 7.40  | 2.66  | 0.00      | 0.00        | 46.31  | 91.84      |                             |      |      |     |           |             |        |            |
|            | D10IN006     | 29.17                        | 6.49  | 10.68 | 3.84  | 0.00      | 0.00        | 46.56  | 96.74      |                             |      |      |     |           |             |        |            |
|            | D10RD001     | 17.58                        | 3.91  | 6.20  | 2.23  | 0.00      | 0.00        | 28.06  | 57.98      |                             |      |      |     |           |             |        |            |
|            | D10RD002     | 19.13                        | 4.26  | 7.92  | 2.84  | 0.00      | 0.00        | 30.53  | 64.68      |                             |      |      |     |           |             |        |            |
|            | D10RD003     | 30.46                        | 6.78  | 9.82  | 3.53  | 0.00      | 0.00        | 48.62  | 99.21      |                             |      |      |     |           |             |        |            |
|            | D10RD004     | 29.99                        | 6.68  | 9.82  | 3.53  | 0.00      | 0.00        | 47.86  | 97.88      |                             |      |      |     |           |             |        |            |
|            | D10RD005     | 33.56                        | 7.47  | 9.82  | 3.53  | 0.00      | 0.00        | 53.57  | 107.95     |                             |      |      |     |           |             |        |            |
|            | D10RD006     | 7.26                         | 1.62  | 0.00  | 0.79  | 0.00      | 0.00        | 11.59  | 21.26      |                             |      |      |     |           |             |        |            |
|            | D10RD007     | 8.04                         | 1.79  | 0.00  | 0.84  | 0.00      | 0.00        | 12.83  | 23.50      |                             |      |      |     |           |             |        |            |
|            | D10SU002     | 8.50                         | 1.89  | 0.00  | 0.80  | 0.00      | 0.00        | 13.58  | 24.77      |                             |      |      |     |           |             |        |            |
|            | D10SU003     | 8.80                         | 1.96  | 0.00  | 0.80  | 0.00      | 0.00        | 14.05  | 25.61      |                             |      |      |     |           |             |        |            |
|            | D10SU005     | 14.16                        | 3.15  | 8.95  | 3.21  | 0.00      | 0.00        | 22.60  | 52.07      |                             |      |      |     |           |             |        |            |
|            | D10SU006     | 14.16                        | 3.15  | 8.95  | 3.21  | 0.00      | 0.00        | 22.60  | 52.07      |                             |      |      |     |           |             |        |            |
|            | <b>D15</b>   | D15BI001                     | 1.26  | 0.28  | 1.79  | 0.73      | 0.00        | 0.00   | 1.81       | 5.87                        |      |      |     |           |             |        |            |
| D15BI002   |              | 1.53                         | 0.34  | 2.02  | 0.83  | 0.00      | 0.00        | 2.19   | 6.91       |                             |      |      |     |           |             |        |            |
| D15BI003   |              | 2.35                         | 0.52  | 1.07  | 0.38  | 0.00      | 0.00        | 3.38   | 7.70       |                             |      |      |     |           |             |        |            |
| D15BI004   |              | 3.37                         | 0.75  | 1.55  | 0.56  | 0.00      | 0.00        | 4.83   | 11.06      |                             |      |      |     |           |             |        |            |
| D15BI005   |              | 4.71                         | 1.05  | 2.34  | 0.84  | 0.00      | 0.00        | 6.77   | 15.71      |                             |      |      |     |           |             |        |            |
| D15BI006   |              | 8.12                         | 1.81  | 3.79  | 1.36  | 0.00      | 0.00        | 11.66  | 26.74      |                             |      |      |     |           |             |        |            |
| D15BI007   |              | 11.13                        | 2.48  | 5.68  | 2.04  | 0.00      | 0.00        | 15.99  | 37.32      |                             |      |      |     |           |             |        |            |
| D15BI008   |              | 9.41                         | 2.09  | 5.68  | 2.04  | 0.00      | 0.00        | 13.51  | 32.73      |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>D15</b> | <b>cont.</b> |                              |      |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | D15UE001     | 0.33                         | 0.07 | 0.67  | 0.28 | 0.00      | 0.00        | 0.47   | 1.82       |                             |      |      |     |           |             |        |            |
| <b>D20</b> |              |                              |      |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | D20AD002     | 0.39                         | 0.07 | 0.20  | 0.37 | 0.00      | 0.00        | 0.53   | 1.56       |                             |      |      |     |           |             |        |            |
|            | D20AD005     | 0.38                         | 0.07 | 0.20  | 0.37 | 0.00      | 0.00        | 0.52   | 1.54       |                             |      |      |     |           |             |        |            |
|            | D20AD006     | 0.63                         | 0.12 | 0.40  | 0.63 | 0.00      | 0.00        | 0.86   | 2.64       |                             |      |      |     |           |             |        |            |
|            | D20AD007     | 1.05                         | 0.19 | 0.79  | 1.26 | 0.00      | 0.00        | 1.42   | 4.71       |                             |      |      |     |           |             |        |            |
|            | D20CQ001     | 2.31                         | 0.42 | 4.70  | 2.46 | 0.00      | 0.00        | 3.13   | 13.02      |                             |      |      |     |           |             |        |            |
|            | D20LY001     | 0.59                         | 0.11 | 0.30  | 0.67 | 0.00      | 0.00        | 0.81   | 2.48       |                             |      |      |     |           |             |        |            |
|            | D20LY002     | 0.66                         | 0.12 | 0.00  | 0.60 | 0.00      | 0.00        | 0.89   | 2.27       |                             |      |      |     |           |             |        |            |
| <b>D25</b> |              |                              |      |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | D25AD003     | 5.49                         | 1.22 | 2.38  | 0.73 | 0.00      | 0.00        | 8.77   | 18.59      |                             |      |      |     |           |             |        |            |
|            | D25AD004     | 4.38                         | 0.98 | 0.96  | 0.30 | 0.00      | 0.00        | 6.99   | 13.61      |                             |      |      |     |           |             |        |            |
|            | D25EZ001     | 0.56                         | 0.12 | 0.00  | 0.50 | 0.00      | 0.00        | 0.89   | 2.07       |                             |      |      |     |           |             |        |            |
|            | D25EZ003     | 0.57                         | 0.13 | 0.00  | 0.50 | 0.03      | 0.01        | 0.92   | 2.16       |                             |      |      |     |           |             |        |            |
|            | D25EZ004     | 1.90                         | 0.43 | 0.00  | 1.20 | 0.05      | 0.01        | 3.05   | 6.64       |                             |      |      |     |           |             |        |            |
|            | D25EZ005     | 2.07                         | 0.47 | 0.00  | 1.25 | 0.05      | 0.01        | 3.32   | 7.17       |                             |      |      |     |           |             |        |            |
| <b>D30</b> |              |                              |      |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | D30HD001     | 7.20                         | 1.60 | 7.23  | 4.60 | 0.00      | 0.00        | 11.49  | 32.12      |                             |      |      |     |           |             |        |            |
|            | D30HD002     | 10.72                        | 2.39 | 9.30  | 6.34 | 0.00      | 0.00        | 17.12  | 45.87      |                             |      |      |     |           |             |        |            |
|            | D30HD003     | 14.97                        | 3.33 | 11.54 | 8.14 | 0.00      | 0.00        | 23.89  | 61.87      |                             |      |      |     |           |             |        |            |
|            | D30MR001     | 0.52                         | 0.11 | 0.90  | 0.37 | 0.00      | 0.00        | 0.82   | 2.72       |                             |      |      |     |           |             |        |            |
|            | D30MR003     | 2.44                         | 0.55 | 10.64 | 4.37 | 0.06      | 0.01        | 3.90   | 21.97      |                             |      |      |     |           |             |        |            |
|            | D30MR005     | 5.30                         | 1.20 | 18.37 | 7.54 | 0.23      | 0.04        | 8.49   | 41.17      |                             |      |      |     |           |             |        |            |
|            | D30MR006     | 5.85                         | 1.32 | 15.74 | 6.46 | 0.23      | 0.04        | 9.36   | 39.00      |                             |      |      |     |           |             |        |            |
|            | D30MR007     | 9.96                         | 2.24 | 17.13 | 7.03 | 0.23      | 0.04        | 15.92  | 52.55      |                             |      |      |     |           |             |        |            |
|            | D30RD001     | 8.54                         | 1.90 | 9.63  | 3.95 | 0.00      | 0.00        | 13.63  | 37.65      |                             |      |      |     |           |             |        |            |
|            | D30RD002     | 9.56                         | 2.13 | 15.12 | 6.21 | 0.00      | 0.00        | 15.25  | 48.27      |                             |      |      |     |           |             |        |            |
|            | D30RD003     | 10.51                        | 2.34 | 15.12 | 6.21 | 0.00      | 0.00        | 16.78  | 50.96      |                             |      |      |     |           |             |        |            |
|            | D30RD004     | 9.12                         | 2.03 | 15.12 | 6.21 | 0.00      | 0.00        | 14.55  | 47.03      |                             |      |      |     |           |             |        |            |
|            | D30RD005     | 25.31                        | 5.64 | 5.51  | 1.98 | 0.00      | 0.00        | 40.41  | 78.85      |                             |      |      |     |           |             |        |            |
|            | D30RD006     | 29.62                        | 6.60 | 5.51  | 1.98 | 0.00      | 0.00        | 47.29  | 91.00      |                             |      |      |     |           |             |        |            |
|            | D30RD007     | 24.73                        | 5.51 | 4.48  | 1.61 | 0.00      | 0.00        | 39.48  | 75.81      |                             |      |      |     |           |             |        |            |
|            | D30RD008     | 37.30                        | 8.30 | 7.23  | 2.60 | 0.00      | 0.00        | 59.54  | 114.97     |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>D30</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | D30RD009     | 49.02                        | 10.91 | 8.61  | 3.09  | 0.00      | 0.00        | 78.26  | 149.89     |                             |      |      |     |           |             |        |            |
|            | D30RD010     | 11.79                        | 2.62  | 6.20  | 2.23  | 0.00      | 0.00        | 18.82  | 41.66      |                             |      |      |     |           |             |        |            |
| <b>D35</b> | D35IN002     | 24.91                        | 7.63  | 20.26 | 9.87  | 1.12      | 0.20        | 39.83  | 103.82     |                             |      |      |     |           |             |        |            |
|            | D35IN003     | 19.21                        | 7.44  | 16.36 | 6.71  | 0.72      | 0.13        | 30.70  | 81.27      |                             |      |      |     |           |             |        |            |
|            | D35IN004     | 16.96                        | 6.58  | 14.12 | 5.80  | 0.87      | 0.16        | 27.12  | 71.61      |                             |      |      |     |           |             |        |            |
|            | D35IN005     | 20.16                        | 7.81  | 16.01 | 6.57  | 0.87      | 0.16        | 32.22  | 83.80      |                             |      |      |     |           |             |        |            |
|            | D35IN006     | 24.12                        | 9.34  | 20.66 | 8.48  | 0.87      | 0.16        | 38.54  | 102.17     |                             |      |      |     |           |             |        |            |
|            | D35IN007     | 24.87                        | 7.55  | 15.50 | 7.55  | 0.00      | 0.00        | 39.70  | 95.17      |                             |      |      |     |           |             |        |            |
|            | D35IN008     | 26.41                        | 8.02  | 15.50 | 7.55  | 0.00      | 0.00        | 42.15  | 99.63      |                             |      |      |     |           |             |        |            |
|            | D35IN009     | 29.79                        | 9.05  | 20.66 | 10.07 | 0.00      | 0.00        | 47.55  | 117.12     |                             |      |      |     |           |             |        |            |
|            | D35IN010     | 32.56                        | 9.89  | 18.08 | 8.81  | 0.00      | 0.00        | 51.98  | 121.32     |                             |      |      |     |           |             |        |            |
|            | D35IN011     | 34.27                        | 10.41 | 20.66 | 10.07 | 0.00      | 0.00        | 54.71  | 130.12     |                             |      |      |     |           |             |        |            |
|            | D35RD001     | 18.21                        | 5.53  | 15.54 | 7.58  | 0.00      | 0.00        | 29.07  | 75.93      |                             |      |      |     |           |             |        |            |
|            | D35RD002     | 16.89                        | 5.13  | 9.76  | 4.76  | 0.00      | 0.00        | 26.97  | 63.51      |                             |      |      |     |           |             |        |            |
|            | D35RD003     | 20.18                        | 6.13  | 12.90 | 6.28  | 0.00      | 0.00        | 32.21  | 77.70      |                             |      |      |     |           |             |        |            |
|            | D35RD004     | 25.25                        | 7.67  | 16.83 | 8.20  | 0.00      | 0.00        | 40.30  | 98.25      |                             |      |      |     |           |             |        |            |
|            | D35RD005     | 27.56                        | 8.37  | 18.08 | 8.81  | 0.00      | 0.00        | 43.99  | 106.81     |                             |      |      |     |           |             |        |            |
|            | D35RD006     | 26.61                        | 8.08  | 14.81 | 7.22  | 0.00      | 0.00        | 42.48  | 99.20      |                             |      |      |     |           |             |        |            |
|            | D35RD007     | 29.32                        | 8.90  | 25.83 | 12.59 | 0.00      | 0.00        | 46.80  | 123.44     |                             |      |      |     |           |             |        |            |
|            | D35RD008     | 30.81                        | 9.35  | 18.08 | 8.81  | 0.00      | 0.00        | 49.18  | 116.23     |                             |      |      |     |           |             |        |            |
| D35RD009   | 32.15        | 12.38                        | 25.83 | 10.60 | 0.00  | 0.00      | 51.32       | 132.28 |            |                             |      |      |     |           |             |        |            |
| <b>F10</b> | F10CA001     | 1.92                         | 0.44  | 1.45  | 0.84  | 0.08      | 0.01        | 2.32   | 7.06       |                             |      |      |     |           |             |        |            |
|            | F10CA002     | 2.19                         | 0.50  | 1.45  | 0.84  | 0.11      | 0.02        | 2.64   | 7.75       |                             |      |      |     |           |             |        |            |
|            | F10CA004     | 2.67                         | 0.61  | 2.26  | 1.30  | 0.11      | 0.02        | 3.22   | 10.19      |                             |      |      |     |           |             |        |            |
|            | F10CA005     | 2.92                         | 0.66  | 2.26  | 1.30  | 0.11      | 0.02        | 3.52   | 10.79      |                             |      |      |     |           |             |        |            |
|            | F10CA006     | 3.50                         | 0.80  | 4.27  | 2.46  | 0.17      | 0.03        | 4.22   | 15.45      |                             |      |      |     |           |             |        |            |
|            | F10CA007     | 3.66                         | 0.83  | 4.27  | 2.46  | 0.15      | 0.03        | 4.42   | 15.82      |                             |      |      |     |           |             |        |            |
|            | F10CA008     | 3.83                         | 0.87  | 4.27  | 2.46  | 0.14      | 0.03        | 4.61   | 16.21      |                             |      |      |     |           |             |        |            |
|            | F10CA021     | 3.33                         | 0.78  | 1.88  | 0.58  | 0.39      | 0.07        | 4.04   | 11.07      |                             |      |      |     |           |             |        |            |
|            | F10CA022     | 3.75                         | 0.88  | 1.88  | 0.58  | 0.39      | 0.07        | 4.54   | 12.09      |                             |      |      |     |           |             |        |            |
|            | F10CA023     | 4.07                         | 0.95  | 1.88  | 0.58  | 0.39      | 0.07        | 4.93   | 12.87      |                             |      |      |     |           |             |        |            |
| F10CA024   | 4.15         | 0.98                         | 1.88  | 0.58  | 0.51  | 0.09      | 5.04        | 13.23  |            |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |       |       |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>F10</b> | <i>cont.</i> |                              |      |       |      |           |             |        |            |                             |      |       |       |           |             |        |            |
|            | F10CA025     | 2.19                         | 0.50 | 1.45  | 0.84 | 0.11      | 0.02        | 2.64   | 7.75       |                             |      |       |       |           |             |        |            |
|            | F10CA026     | 2.53                         | 0.58 | 2.26  | 1.30 | 0.12      | 0.02        | 3.05   | 9.86       |                             |      |       |       |           |             |        |            |
|            | F10CA027     | 1.93                         | 0.43 | 4.19  | 1.29 | 0.03      | 0.01        | 2.33   | 10.21      |                             |      |       |       |           |             |        |            |
|            | F10CA028     | 2.24                         | 0.50 | 4.19  | 1.29 | 0.06      | 0.01        | 2.69   | 10.98      |                             |      |       |       |           |             |        |            |
|            | F10CA029     | 2.33                         | 0.53 | 4.19  | 1.29 | 0.14      | 0.03        | 2.82   | 11.33      |                             |      |       |       |           |             |        |            |
|            | F10CA030     | 2.86                         | 0.65 | 5.73  | 1.76 | 0.09      | 0.02        | 3.44   | 14.55      |                             |      |       |       |           |             |        |            |
|            | F10CA031     | 3.44                         | 0.78 | 5.19  | 1.60 | 0.09      | 0.02        | 4.14   | 15.26      |                             |      |       |       |           |             |        |            |
|            | F10CA032     | 3.63                         | 0.82 | 5.73  | 1.76 | 0.09      | 0.02        | 4.36   | 16.41      |                             |      |       |       |           |             |        |            |
|            | F10CA033     | 4.53                         | 1.03 | 1.83  | 0.56 | 0.17      | 0.03        | 5.46   | 13.61      |                             |      |       |       |           |             |        |            |
|            | F10CA034     | 5.10                         | 1.15 | 1.94  | 0.60 | 0.17      | 0.03        | 6.14   | 15.13      |                             |      |       |       |           |             |        |            |
|            | F10CA035     | 6.94                         | 1.58 | 3.46  | 1.07 | 0.30      | 0.05        | 8.36   | 21.76      |                             |      |       |       |           |             |        |            |
|            | F10CA036     | 7.46                         | 1.70 | 3.46  | 1.07 | 0.30      | 0.05        | 8.99   | 23.03      |                             |      |       |       |           |             |        |            |
|            | F10CA037     | 7.94                         | 1.81 | 3.46  | 1.07 | 0.40      | 0.07        | 9.58   | 24.33      |                             |      |       |       |           |             |        |            |
|            | F10CA038     | 8.33                         | 1.91 | 3.46  | 1.07 | 0.50      | 0.09        | 10.05  | 25.41      |                             |      |       |       |           |             |        |            |
|            | F10HY001     | 1.68                         | 0.38 | 4.19  | 1.29 | 0.07      | 0.01        | 2.03   | 9.65       |                             |      |       |       |           |             |        |            |
|            | F10HY002     | 3.03                         | 0.69 | 8.55  | 2.63 | 0.12      | 0.02        | 3.65   | 18.69      |                             |      |       |       |           |             |        |            |
|            | F10HY003     | 3.69                         | 0.83 | 8.55  | 2.63 | 0.07      | 0.01        | 4.43   | 20.21      |                             |      |       |       |           |             |        |            |
|            | F10HY004     | 4.66                         | 1.07 | 8.55  | 2.63 | 0.25      | 0.05        | 5.62   | 22.83      |                             |      |       |       |           |             |        |            |
|            | F10HY005     | 6.50                         | 1.48 | 3.52  | 1.08 | 0.30      | 0.05        | 7.84   | 20.77      |                             |      |       |       |           |             |        |            |
|            | F10HY006     | 7.04                         | 1.62 | 3.52  | 1.08 | 0.51      | 0.09        | 8.51   | 22.37      |                             |      |       |       |           |             |        |            |
|            | F10HY007     | 7.26                         | 1.66 | 3.52  | 1.08 | 0.41      | 0.07        | 8.76   | 22.76      |                             |      |       |       |           |             |        |            |
| F10HY008   | 16.42        | 3.75                         | 5.96 | 1.83  | 0.90 | 0.16      | 19.81       | 48.83  |            |                             |      |       |       |           |             |        |            |
| F10JC001   | 4.07         | 0.95                         | 2.08 | 0.64  | 0.42 | 0.08      | 4.93        | 13.17  |            |                             |      |       |       |           |             |        |            |
| F10JC002   | 4.69         | 1.09                         | 2.08 | 0.64  | 0.43 | 0.08      | 5.68        | 14.69  |            |                             |      |       |       |           |             |        |            |
| <b>G10</b> | G10CA001     | 2.01                         | 0.41 | 4.82  | 1.48 | 0.00      | 0.00        | 2.01   | 10.73      | 2.52                        | 0.42 | 6.43  | 1.98  | 0.00      | 0.00        | 2.88   | 14.23      |
|            | G10CA002     | 2.52                         | 0.51 | 8.51  | 2.62 | 0.00      | 0.00        | 2.52   | 16.68      | 3.16                        | 0.52 | 11.35 | 3.49  | 0.00      | 0.00        | 3.61   | 22.13      |
|            | G10CA003     | 2.53                         | 0.51 | 7.46  | 2.30 | 0.00      | 0.00        | 2.53   | 15.33      | 3.16                        | 0.53 | 9.94  | 3.06  | 0.00      | 0.00        | 3.61   | 20.30      |
|            | G10CA004     | 3.16                         | 0.64 | 13.17 | 4.05 | 0.00      | 0.00        | 3.16   | 24.18      | 3.94                        | 0.66 | 17.56 | 5.41  | 0.00      | 0.00        | 4.51   | 32.08      |
|            | G10CA005     | 3.34                         | 0.68 | 10.20 | 3.14 | 0.00      | 0.00        | 3.34   | 20.70      | 4.18                        | 0.69 | 13.60 | 4.19  | 0.00      | 0.00        | 4.77   | 27.43      |
|            | G10CA006     | 4.84                         | 0.98 | 14.86 | 4.57 | 0.00      | 0.00        | 4.84   | 30.09      | 6.05                        | 1.01 | 19.81 | 6.10  | 0.00      | 0.00        | 6.91   | 39.88      |
|            | G10CA007     | 5.83                         | 1.18 | 18.43 | 5.67 | 0.00      | 0.00        | 5.83   | 36.94      | 7.29                        | 1.21 | 24.58 | 7.57  | 0.00      | 0.00        | 8.33   | 48.98      |
|            | G10CA008     | 7.28                         | 1.48 | 22.54 | 6.94 | 0.00      | 0.00        | 7.28   | 45.52      | 9.10                        | 1.51 | 30.05 | 9.25  | 0.00      | 0.00        | 10.41  | 60.32      |
|            | G10CA009     | 10.70                        | 2.17 | 26.69 | 8.22 | 0.00      | 0.00        | 10.70  | 58.48      | 13.37                       | 2.22 | 35.59 | 10.96 | 0.00      | 0.00        | 15.29  | 77.43      |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |
|------------|--------------|------------------------------|------|-------|-------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>G10</b> | <i>cont.</i> |                              |      |       |       |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | G10CA010     | 13.25                        | 2.69 | 36.73 | 11.31 | 0.00      | 0.00        | 13.25  | 77.23      | 16.56                       | 2.75  | 48.97 | 15.07 | 0.00      | 0.00        | 18.93  | 102.28     |
|            | G10CA011     | 19.78                        | 4.01 | 50.73 | 15.62 | 0.00      | 0.00        | 19.78  | 109.92     | 24.73                       | 4.11  | 67.64 | 20.82 | 0.00      | 0.00        | 28.28  | 145.58     |
|            | G10HO005     | 0.07                         | 0.01 | 0.46  | 0.14  | 0.00      | 0.00        | 0.06   | 0.74       | 0.08                        | 0.01  | 0.60  | 0.18  | 0.00      | 0.00        | 0.08   | 0.95       |
|            | G10HO006     | 0.08                         | 0.01 | 0.73  | 0.22  | 0.00      | 0.00        | 0.07   | 1.11       | 0.09                        | 0.01  | 0.95  | 0.29  | 0.00      | 0.00        | 0.09   | 1.43       |
|            | G10HO007     | 0.10                         | 0.02 | 1.00  | 0.31  | 0.00      | 0.00        | 0.09   | 1.52       | 0.11                        | 0.02  | 1.31  | 0.40  | 0.00      | 0.00        | 0.11   | 1.95       |
|            | G10KH004     | 0.17                         | 0.03 | 0.73  | 0.22  | 0.00      | 0.00        | 0.15   | 1.30       | 0.20                        | 0.03  | 0.95  | 0.29  | 0.00      | 0.00        | 0.20   | 1.67       |
|            | G10KH005     | 0.21                         | 0.03 | 1.09  | 0.34  | 0.00      | 0.00        | 0.18   | 1.85       | 0.24                        | 0.04  | 1.43  | 0.44  | 0.00      | 0.00        | 0.24   | 2.39       |
|            | G10ON001     | 0.13                         | 0.02 | 0.55  | 0.17  | 0.00      | 0.00        | 0.12   | 0.99       | 0.15                        | 0.02  | 0.71  | 0.22  | 0.00      | 0.00        | 0.15   | 1.25       |
|            | G10ON002     | 0.18                         | 0.03 | 0.82  | 0.25  | 0.00      | 0.00        | 0.16   | 1.44       | 0.21                        | 0.03  | 1.07  | 0.33  | 0.00      | 0.00        | 0.21   | 1.85       |
|            | G10ON003     | 0.22                         | 0.04 | 1.27  | 0.39  | 0.00      | 0.00        | 0.19   | 2.11       | 0.26                        | 0.04  | 1.67  | 0.51  | 0.00      | 0.00        | 0.26   | 2.74       |
|            | G10ON005     | 0.37                         | 0.07 | 1.27  | 0.39  | 0.00      | 0.00        | 0.37   | 2.47       | 0.46                        | 0.08  | 1.67  | 0.51  | 0.00      | 0.00        | 0.53   | 3.25       |
|            | G10ON006     | 0.65                         | 0.13 | 1.37  | 0.42  | 0.00      | 0.00        | 0.65   | 3.22       | 0.81                        | 0.13  | 1.79  | 0.55  | 0.00      | 0.00        | 0.92   | 4.20       |
|            | G10ON007     | 0.64                         | 0.13 | 0.36  | 0.11  | 0.00      | 0.00        | 0.64   | 1.88       | 0.80                        | 0.13  | 0.48  | 0.15  | 0.00      | 0.00        | 0.91   | 2.47       |
|            | G10ON009     | 0.62                         | 0.13 | 0.33  | 0.10  | 0.00      | 0.00        | 0.62   | 1.80       | 0.78                        | 0.13  | 0.44  | 0.14  | 0.00      | 0.00        | 0.89   | 2.38       |
|            | G10ON010     | 0.73                         | 0.15 | 0.58  | 0.18  | 0.00      | 0.00        | 0.73   | 2.37       | 0.91                        | 0.15  | 0.78  | 0.24  | 0.00      | 0.00        | 1.04   | 3.12       |
|            | G10ON011     | 0.99                         | 0.20 | 0.67  | 0.21  | 0.00      | 0.00        | 0.99   | 3.06       | 1.24                        | 0.21  | 0.89  | 0.27  | 0.00      | 0.00        | 1.42   | 4.03       |
|            | G10ON012     | 1.03                         | 0.21 | 0.91  | 0.28  | 0.00      | 0.00        | 1.03   | 3.46       | 1.29                        | 0.21  | 1.22  | 0.38  | 0.00      | 0.00        | 1.47   | 4.57       |
|            | G10ON013     | 1.15                         | 0.23 | 1.88  | 0.58  | 0.00      | 0.00        | 1.15   | 4.99       | 1.44                        | 0.24  | 2.51  | 0.77  | 0.00      | 0.00        | 1.65   | 6.61       |
|            | G10ON014     | 1.22                         | 0.25 | 1.88  | 0.58  | 0.00      | 0.00        | 1.22   | 5.15       | 1.52                        | 0.25  | 2.51  | 0.77  | 0.00      | 0.00        | 1.74   | 6.79       |
| G10ON015   | 1.34         | 0.27                         | 2.38 | 0.73  | 0.00  | 0.00      | 1.34        | 6.06   | 1.68       | 0.28                        | 3.18  | 0.98  | 0.00  | 0.00      | 1.92        | 8.04   |            |
| G10ON016   | 1.45         | 0.29                         | 2.83 | 0.87  | 0.00  | 0.00      | 1.45        | 6.89   | 1.81       | 0.30                        | 3.77  | 1.16  | 0.00  | 0.00      | 2.07        | 9.11   |            |
| G10ON017   | 1.64         | 0.33                         | 3.74 | 1.15  | 0.00  | 0.00      | 1.64        | 8.50   | 2.06       | 0.34                        | 4.99  | 1.54  | 0.00  | 0.00      | 2.35        | 11.28  |            |
| G10ON018   | 1.89         | 0.38                         | 4.60 | 1.42  | 0.00  | 0.00      | 1.89        | 10.18  | 2.37       | 0.39                        | 6.14  | 1.89  | 0.00  | 0.00      | 2.70        | 13.49  |            |
| G10ON019   | 2.14         | 0.43                         | 5.74 | 1.77  | 0.00  | 0.00      | 2.14        | 12.22  | 2.67       | 0.44                        | 7.65  | 2.35  | 0.00  | 0.00      | 3.06        | 16.17  |            |
| G10ON020   | 2.49         | 0.50                         | 7.68 | 2.36  | 0.00  | 0.00      | 2.49        | 15.52  | 3.11       | 0.52                        | 10.24 | 3.15  | 0.00  | 0.00      | 3.56        | 20.58  |            |
| <b>G15</b> | G15CA001     | 9.19                         | 3.13 | 3.25  | 1.42  | 0.46      | 0.08        | 11.17  | 28.70      | 10.72                       | 3.16  | 4.20  | 1.83  | 0.63      | 0.11        | 13.96  | 34.61      |
|            | G15CA003     | 10.74                        | 3.65 | 3.65  | 1.59  | 0.46      | 0.08        | 13.05  | 33.22      | 12.53                       | 3.69  | 4.70  | 2.05  | 0.63      | 0.11        | 16.31  | 40.02      |
|            | G15CA004     | 11.42                        | 3.89 | 3.91  | 1.71  | 0.52      | 0.09        | 13.88  | 35.42      | 13.33                       | 3.93  | 5.04  | 2.20  | 0.70      | 0.13        | 17.35  | 42.68      |
|            | G15CA005     | 15.69                        | 5.41 | 5.60  | 2.44  | 1.26      | 0.23        | 19.12  | 49.75      | 18.30                       | 5.45  | 7.22  | 3.15  | 1.70      | 0.31        | 23.90  | 60.03      |
|            | G15CA006     | 22.79                        | 7.90 | 7.16  | 3.12  | 2.21      | 0.40        | 27.82  | 71.40      | 26.59                       | 7.97  | 9.24  | 4.03  | 3.00      | 0.54        | 34.78  | 86.15      |
|            | G15CA007     | 9.84                         | 3.35 | 3.52  | 1.54  | 0.46      | 0.08        | 11.96  | 30.75      | 11.48                       | 3.38  | 4.54  | 1.98  | 0.63      | 0.11        | 14.95  | 37.07      |
|            | G15CA008     | 13.27                        | 4.51 | 3.91  | 1.71  | 0.55      | 0.10        | 16.12  | 40.17      | 15.48                       | 4.55  | 5.04  | 2.20  | 0.77      | 0.14        | 20.15  | 48.33      |
|            | G15CA009     | 12.39                        | 4.22 | 5.21  | 2.27  | 0.53      | 0.10        | 15.05  | 39.77      | 14.45                       | 4.25  | 6.72  | 2.93  | 0.72      | 0.13        | 18.81  | 48.01      |

Table 2-2 . HOURLY RATE ELEMENTS

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>G15</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | G15CA010     | 14.36                        | 4.88 | 4.69 | 2.05 | 0.57      | 0.10        | 17.44  | 44.09      | 16.75                       | 4.92 | 6.05 | 2.64 | 0.80      | 0.15        | 21.80  | 53.11      |
|            | G15CH001     | 8.40                         | 2.90 | 3.65 | 1.59 | 0.71      | 0.13        | 10.24  | 27.62      | 9.80                        | 2.92 | 4.70 | 2.05 | 0.96      | 0.17        | 12.81  | 33.41      |
|            | G15CH002     | 9.63                         | 3.29 | 4.17 | 1.82 | 0.53      | 0.10        | 11.72  | 31.26      | 11.24                       | 3.32 | 5.38 | 2.35 | 0.72      | 0.13        | 14.65  | 37.79      |
|            | G15CH003     | 10.21                        | 3.48 | 5.08 | 2.22 | 0.53      | 0.10        | 12.41  | 34.03      | 11.91                       | 3.52 | 6.55 | 2.86 | 0.72      | 0.13        | 15.52  | 41.21      |
|            | G15CH004     | 11.23                        | 3.83 | 5.47 | 2.39 | 0.53      | 0.10        | 13.65  | 37.20      | 13.10                       | 3.86 | 7.06 | 3.08 | 0.72      | 0.13        | 17.07  | 45.02      |
|            | G15CH005     | 12.49                        | 4.33 | 5.47 | 2.39 | 1.26      | 0.23        | 15.25  | 41.42      | 14.57                       | 4.37 | 7.06 | 3.08 | 1.70      | 0.31        | 19.07  | 50.16      |
|            | G15CH006     | 13.16                        | 4.56 | 5.47 | 2.39 | 1.26      | 0.23        | 16.06  | 43.13      | 15.35                       | 4.60 | 7.06 | 3.08 | 1.70      | 0.31        | 20.08  | 52.18      |
|            | G15CH007     | 7.92                         | 2.74 | 3.65 | 1.59 | 0.71      | 0.13        | 9.66   | 26.40      | 9.24                        | 2.76 | 4.70 | 2.05 | 0.96      | 0.17        | 12.08  | 31.96      |
|            | G15CH008     | 8.83                         | 3.02 | 4.17 | 1.82 | 0.53      | 0.10        | 10.75  | 29.22      | 10.30                       | 3.05 | 5.38 | 2.35 | 0.72      | 0.13        | 13.43  | 35.36      |
|            | G15CH009     | 9.38                         | 3.21 | 5.08 | 2.22 | 0.53      | 0.10        | 11.41  | 31.93      | 10.94                       | 3.24 | 6.55 | 2.86 | 0.72      | 0.13        | 14.26  | 38.70      |
|            | G15CH010     | 10.60                        | 3.62 | 5.47 | 2.39 | 0.53      | 0.10        | 12.88  | 35.59      | 12.36                       | 3.65 | 7.06 | 3.08 | 0.72      | 0.13        | 16.11  | 43.11      |
|            | G15FI001     | 6.80                         | 2.33 | 3.52 | 1.54 | 0.46      | 0.08        | 8.28   | 23.01      | 7.94                        | 2.36 | 4.54 | 1.98 | 0.63      | 0.11        | 10.36  | 27.92      |
|            | G15FI002     | 6.97                         | 2.40 | 4.22 | 1.84 | 0.52      | 0.09        | 8.50   | 24.54      | 8.14                        | 2.42 | 5.44 | 2.37 | 0.70      | 0.13        | 10.62  | 29.82      |
|            | G15FI003     | 7.95                         | 2.75 | 5.10 | 2.22 | 0.75      | 0.14        | 9.70   | 28.61      | 9.27                        | 2.78 | 6.59 | 2.87 | 1.02      | 0.19        | 12.12  | 34.84      |
|            | G15GI002     | 9.08                         | 3.10 | 3.75 | 1.64 | 0.46      | 0.08        | 11.04  | 29.15      | 10.60                       | 3.13 | 4.84 | 2.11 | 0.63      | 0.11        | 13.81  | 35.23      |
|            | G15GI004     | 9.63                         | 3.35 | 4.32 | 1.88 | 1.11      | 0.20        | 11.77  | 32.26      | 11.23                       | 3.38 | 5.58 | 2.43 | 1.50      | 0.27        | 14.71  | 39.10      |
|            | G15GI006     | 10.17                        | 3.54 | 5.31 | 2.32 | 1.11      | 0.20        | 12.42  | 35.07      | 11.86                       | 3.57 | 6.85 | 2.99 | 1.50      | 0.27        | 15.53  | 42.57      |
|            | G15JD002     | 9.12                         | 3.17 | 3.52 | 1.54 | 1.01      | 0.18        | 11.14  | 29.68      | 10.64                       | 3.20 | 4.54 | 1.98 | 1.37      | 0.25        | 13.93  | 35.91      |
|            | G15JD003     | 10.73                        | 3.71 | 3.52 | 1.54 | 1.01      | 0.18        | 13.09  | 33.78      | 12.52                       | 3.75 | 4.54 | 1.98 | 1.37      | 0.25        | 16.37  | 40.78      |
|            | G15JD004     | 10.38                        | 3.60 | 4.04 | 1.76 | 1.01      | 0.18        | 12.68  | 33.65      | 12.12                       | 3.63 | 5.21 | 2.27 | 1.37      | 0.25        | 15.85  | 40.70      |
|            | G15JD006     | 10.47                        | 3.63 | 4.43 | 1.93 | 1.01      | 0.18        | 12.78  | 34.43      | 12.22                       | 3.66 | 5.71 | 2.49 | 1.37      | 0.25        | 15.98  | 41.68      |
|            | G15JD007     | 11.99                        | 4.14 | 4.43 | 1.93 | 1.01      | 0.18        | 14.62  | 38.30      | 13.99                       | 4.17 | 5.71 | 2.49 | 1.37      | 0.25        | 18.27  | 46.25      |
|            | G15KM001     | 12.54                        | 4.32 | 3.52 | 1.54 | 1.01      | 0.18        | 15.28  | 38.39      | 14.63                       | 4.36 | 4.54 | 1.98 | 1.37      | 0.25        | 19.11  | 46.24      |
| G15KM003   | 14.94        | 5.07                         | 4.04 | 1.76 | 0.53 | 0.10      | 18.14       | 44.58  | 17.43      | 5.12                        | 5.21 | 2.27 | 0.72 | 0.13      | 22.68       | 53.56  |            |
| G15KM004   | 19.55        | 6.70                         | 5.21 | 2.27 | 1.26 | 0.23      | 23.80       | 59.02  | 22.81      | 6.76                        | 6.72 | 2.93 | 1.70 | 0.31      | 29.75       | 70.98  |            |
| <b>H10</b> | H10NP001     | 0.75                         | 0.11 | 0.00 | 0.50 | 0.00      | 0.00        | 1.20   | 2.56       |                             |      |      |      |           |             |        |            |
|            | H10NP002     | 0.83                         | 0.12 | 0.00 | 0.50 | 0.00      | 0.00        | 1.32   | 2.77       |                             |      |      |      |           |             |        |            |
|            | H10NP003     | 0.97                         | 0.14 | 0.00 | 0.75 | 0.00      | 0.00        | 1.55   | 3.41       |                             |      |      |      |           |             |        |            |
|            | H10NP004     | 1.35                         | 0.19 | 0.00 | 0.75 | 0.00      | 0.00        | 2.15   | 4.44       |                             |      |      |      |           |             |        |            |
|            | H10NP005     | 1.91                         | 0.27 | 0.00 | 1.00 | 0.00      | 0.00        | 3.05   | 6.23       |                             |      |      |      |           |             |        |            |
|            | H10NP006     | 2.64                         | 0.37 | 0.00 | 1.00 | 0.00      | 0.00        | 4.23   | 8.24       |                             |      |      |      |           |             |        |            |
|            | H10NP007     | 3.42                         | 0.48 | 0.00 | 1.00 | 0.00      | 0.00        | 5.47   | 10.37      |                             |      |      |      |           |             |        |            |
|            | H10NP008     | 3.90                         | 0.55 | 0.00 | 1.25 | 0.00      | 0.00        | 6.25   | 11.95      |                             |      |      |      |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>H10</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | H10NP009     | 4.88                         | 0.69 | 0.00 | 1.25 | 0.00      | 0.00        | 7.80   | 14.62      |                             |      |      |     |           |             |        |            |
|            | H10NP010     | 5.98                         | 0.85 | 0.00 | 1.50 | 0.00      | 0.00        | 9.58   | 17.91      |                             |      |      |     |           |             |        |            |
|            | H10NP011     | 7.13                         | 1.01 | 0.00 | 2.00 | 0.00      | 0.00        | 11.41  | 21.55      |                             |      |      |     |           |             |        |            |
|            | H10NP012     | 8.47                         | 1.20 | 0.00 | 2.50 | 0.00      | 0.00        | 13.55  | 25.72      |                             |      |      |     |           |             |        |            |
|            | H10NP013     | 11.57                        | 1.64 | 0.00 | 3.00 | 0.00      | 0.00        | 18.51  | 34.72      |                             |      |      |     |           |             |        |            |
|            | H10NP014     | 16.17                        | 2.29 | 0.00 | 3.50 | 0.00      | 0.00        | 25.87  | 47.83      |                             |      |      |     |           |             |        |            |
| <b>H13</b> | H13AY007     | 10.92                        | 2.43 | 0.00 | 0.00 | 0.00      | 0.00        | 15.72  | 29.07      |                             |      |      |     |           |             |        |            |
|            | H13AY008     | 5.44                         | 1.21 | 0.00 | 0.00 | 0.00      | 0.00        | 7.84   | 14.49      |                             |      |      |     |           |             |        |            |
|            | H13AY009     | 9.72                         | 2.16 | 0.00 | 0.00 | 0.00      | 0.00        | 13.99  | 25.87      |                             |      |      |     |           |             |        |            |
|            | H13AY010     | 5.02                         | 1.12 | 0.00 | 0.00 | 0.00      | 0.00        | 7.23   | 13.37      |                             |      |      |     |           |             |        |            |
|            | H13AY011     | 8.15                         | 1.81 | 0.00 | 0.00 | 0.00      | 0.00        | 11.73  | 21.69      |                             |      |      |     |           |             |        |            |
|            | H13AY012     | 4.24                         | 0.94 | 0.00 | 0.00 | 0.00      | 0.00        | 6.10   | 11.28      |                             |      |      |     |           |             |        |            |
|            | H13AY013     | 6.55                         | 1.46 | 0.00 | 0.00 | 0.00      | 0.00        | 9.43   | 17.44      |                             |      |      |     |           |             |        |            |
|            | H13AY014     | 3.58                         | 0.80 | 0.00 | 0.00 | 0.00      | 0.00        | 5.15   | 9.53       |                             |      |      |     |           |             |        |            |
|            | H13AY015     | 3.87                         | 0.86 | 0.00 | 0.00 | 0.00      | 0.00        | 5.57   | 10.30      |                             |      |      |     |           |             |        |            |
|            | H13AY016     | 2.53                         | 0.56 | 0.00 | 0.00 | 0.00      | 0.00        | 3.65   | 6.74       |                             |      |      |     |           |             |        |            |
|            | H13AY017     | 12.08                        | 2.69 | 0.00 | 0.00 | 0.00      | 0.00        | 17.40  | 32.17      |                             |      |      |     |           |             |        |            |
|            | H13AY018     | 6.25                         | 1.39 | 0.00 | 0.00 | 0.00      | 0.00        | 9.00   | 16.64      |                             |      |      |     |           |             |        |            |
|            | H13AY019     | 0.78                         | 0.17 | 0.08 | 0.30 | 0.00      | 0.00        | 1.13   | 2.46       |                             |      |      |     |           |             |        |            |
|            | H13AY020     | 1.01                         | 0.23 | 0.08 | 0.30 | 0.00      | 0.00        | 1.46   | 3.08       |                             |      |      |     |           |             |        |            |
|            | H13AY021     | 13.67                        | 2.80 | 0.00 | 0.00 | 0.25      | 0.05        | 16.50  | 33.27      |                             |      |      |     |           |             |        |            |
|            | H13AY022     | 7.44                         | 1.54 | 0.00 | 0.00 | 0.25      | 0.05        | 8.99   | 18.27      |                             |      |      |     |           |             |        |            |
|            | H13AY023     | 12.43                        | 2.55 | 0.00 | 0.00 | 0.25      | 0.05        | 15.00  | 30.28      |                             |      |      |     |           |             |        |            |
|            | H13AY024     | 6.61                         | 1.37 | 0.00 | 0.00 | 0.25      | 0.05        | 7.99   | 16.27      |                             |      |      |     |           |             |        |            |
|            | H13AY025     | 11.08                        | 2.27 | 0.00 | 0.00 | 0.25      | 0.05        | 13.37  | 27.02      |                             |      |      |     |           |             |        |            |
|            | H13AY026     | 6.09                         | 1.26 | 0.00 | 0.00 | 0.25      | 0.05        | 7.36   | 15.01      |                             |      |      |     |           |             |        |            |
|            | H13AY027     | 9.33                         | 1.92 | 0.00 | 0.00 | 0.25      | 0.05        | 11.27  | 22.82      |                             |      |      |     |           |             |        |            |
|            | H13AY028     | 5.18                         | 1.08 | 0.00 | 0.00 | 0.25      | 0.05        | 6.26   | 12.82      |                             |      |      |     |           |             |        |            |
|            | H13AY029     | 7.56                         | 1.56 | 0.00 | 0.00 | 0.25      | 0.05        | 9.13   | 18.55      |                             |      |      |     |           |             |        |            |
|            | H13AY030     | 4.40                         | 0.92 | 0.00 | 0.00 | 0.25      | 0.05        | 5.33   | 10.95      |                             |      |      |     |           |             |        |            |
|            | H13AY031     | 4.67                         | 0.98 | 0.00 | 0.00 | 0.25      | 0.05        | 5.65   | 11.60      |                             |      |      |     |           |             |        |            |
|            | H13AY032     | 3.26                         | 0.69 | 0.00 | 0.00 | 0.25      | 0.05        | 3.95   | 8.20       |                             |      |      |     |           |             |        |            |
|            | H13BB001     | 5.48                         | 0.51 | 0.81 | 1.22 | 0.00      | 0.00        | 8.25   | 16.27      |                             |      |      |     |           |             |        |            |



**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>H13</b> | <b>cont.</b> |                              |      |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | H13BB002     | 6.90                         | 0.64 | 1.21  | 1.70  | 0.00      | 0.00        | 10.40  | 20.85      |                             |      |      |     |           |             |        |            |
|            | H13BC003     | 3.65                         | 0.37 | 0.40  | 0.26  | 0.00      | 0.00        | 4.08   | 8.76       |                             |      |      |     |           |             |        |            |
|            | H13BC006     | 3.58                         | 0.36 | 0.24  | 0.15  | 0.00      | 0.00        | 4.01   | 8.34       |                             |      |      |     |           |             |        |            |
|            | H13BC007     | 4.57                         | 0.46 | 0.24  | 0.15  | 0.00      | 0.00        | 5.12   | 10.54      |                             |      |      |     |           |             |        |            |
|            | H13BC008     | 5.42                         | 0.55 | 0.40  | 0.26  | 0.00      | 0.00        | 6.07   | 12.70      |                             |      |      |     |           |             |        |            |
|            | H13BC009     | 3.83                         | 0.39 | 0.24  | 0.15  | 0.00      | 0.00        | 4.29   | 8.90       |                             |      |      |     |           |             |        |            |
|            | H13BC010     | 2.67                         | 0.27 | 0.24  | 0.15  | 0.00      | 0.00        | 2.99   | 6.32       |                             |      |      |     |           |             |        |            |
|            | H13BC011     | 3.03                         | 0.31 | 0.40  | 0.26  | 0.00      | 0.00        | 3.39   | 7.39       |                             |      |      |     |           |             |        |            |
|            | H13BC012     | 2.48                         | 0.25 | 0.24  | 0.15  | 0.00      | 0.00        | 2.77   | 5.89       |                             |      |      |     |           |             |        |            |
|            | H13BC013     | 2.24                         | 0.23 | 0.24  | 0.15  | 0.00      | 0.00        | 2.51   | 5.37       |                             |      |      |     |           |             |        |            |
|            | H13CB001     | 1.58                         | 0.32 | 0.40  | 0.51  | 0.00      | 0.00        | 1.90   | 4.71       |                             |      |      |     |           |             |        |            |
|            | H13CB002     | 1.80                         | 0.37 | 0.81  | 0.77  | 0.00      | 0.00        | 2.17   | 5.92       |                             |      |      |     |           |             |        |            |
|            | H13CF001     | 17.56                        | 4.62 | 4.03  | 2.58  | 0.00      | 0.00        | 25.29  | 54.08      |                             |      |      |     |           |             |        |            |
|            | H13CF002     | 19.35                        | 5.09 | 4.03  | 2.58  | 0.00      | 0.00        | 27.86  | 58.91      |                             |      |      |     |           |             |        |            |
|            | H13CF003     | 22.82                        | 6.00 | 4.03  | 2.58  | 0.00      | 0.00        | 32.86  | 68.29      |                             |      |      |     |           |             |        |            |
|            | H13CN001     | 4.83                         | 1.00 | 1.61  | 1.93  | 0.15      | 0.03        | 7.30   | 16.85      |                             |      |      |     |           |             |        |            |
|            | H13CN002     | 8.17                         | 1.68 | 3.22  | 3.36  | 0.15      | 0.03        | 12.33  | 28.94      |                             |      |      |     |           |             |        |            |
|            | H13CN003     | 9.60                         | 1.96 | 6.04  | 4.49  | 0.15      | 0.03        | 14.47  | 36.74      |                             |      |      |     |           |             |        |            |
|            | H13CO002     | 0.87                         | 0.18 | 0.40  | 0.51  | 0.00      | 0.00        | 1.05   | 3.01       |                             |      |      |     |           |             |        |            |
|            | H13CO003     | 1.32                         | 0.35 | 0.24  | 0.40  | 0.00      | 0.00        | 1.90   | 4.21       |                             |      |      |     |           |             |        |            |
|            | H13CO004     | 2.34                         | 0.62 | 0.24  | 0.65  | 0.00      | 0.00        | 3.37   | 7.22       |                             |      |      |     |           |             |        |            |
|            | H13CO005     | 3.61                         | 0.95 | 0.24  | 0.65  | 0.00      | 0.00        | 5.20   | 10.65      |                             |      |      |     |           |             |        |            |
|            | H13CO006     | 2.73                         | 0.72 | 0.24  | 0.50  | 0.00      | 0.00        | 3.93   | 8.12       |                             |      |      |     |           |             |        |            |
|            | H13HR001     | 3.92                         | 0.87 | 0.04  | 0.28  | 0.00      | 0.00        | 5.65   | 10.76      |                             |      |      |     |           |             |        |            |
|            | H13HR002     | 4.32                         | 0.96 | 0.12  | 0.23  | 0.00      | 0.00        | 6.22   | 11.85      |                             |      |      |     |           |             |        |            |
|            | H13HR003     | 11.25                        | 2.30 | 0.08  | 2.05  | 0.15      | 0.03        | 13.57  | 29.43      |                             |      |      |     |           |             |        |            |
|            | H13MN001     | 18.23                        | 3.75 | 12.09 | 9.98  | 0.44      | 0.08        | 24.76  | 69.33      |                             |      |      |     |           |             |        |            |
|            | H13MN002     | 22.41                        | 4.61 | 16.12 | 13.30 | 0.57      | 0.10        | 30.43  | 87.54      |                             |      |      |     |           |             |        |            |
|            | H13MN003     | 22.69                        | 4.67 | 16.12 | 14.30 | 0.57      | 0.10        | 30.81  | 89.26      |                             |      |      |     |           |             |        |            |
|            | H13MN004     | 31.99                        | 6.55 | 24.18 | 19.96 | 0.57      | 0.10        | 43.42  | 126.77     |                             |      |      |     |           |             |        |            |
|            | H13PI001     | 0.84                         | 0.18 | 1.64  | 0.50  | 0.06      | 0.01        | 1.01   | 4.24       |                             |      |      |     |           |             |        |            |
|            | H13PI002     | 0.87                         | 0.18 | 0.60  | 0.38  | 0.06      | 0.01        | 1.05   | 3.15       |                             |      |      |     |           |             |        |            |
|            | H13PI003     | 0.95                         | 0.19 | 1.21  | 0.78  | 0.00      | 0.00        | 1.14   | 4.27       |                             |      |      |     |           |             |        |            |
|            | H13PO001     | 41.01                        | 8.32 | 4.43  | 4.56  | 0.00      | 0.00        | 61.75  | 120.07     |                             |      |      |     |           |             |        |            |
|            | H13PR001     | 6.12                         | 1.36 | 0.24  | 0.15  | 0.00      | 0.00        | 8.81   | 16.68      |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>H13</b> | <b>cont.</b> |                              |       |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | H13PR002     | 7.06                         | 1.46  | 0.24  | 1.65 | 0.25      | 0.05        | 8.53   | 19.24      |                             |      |      |     |           |             |        |            |
|            | H13PR003     | 11.54                        | 2.57  | 0.40  | 0.26 | 0.00      | 0.00        | 16.62  | 31.39      |                             |      |      |     |           |             |        |            |
|            | H13PR004     | 13.18                        | 2.70  | 0.40  | 1.76 | 0.25      | 0.05        | 15.91  | 34.25      |                             |      |      |     |           |             |        |            |
|            | H13PR005     | 16.12                        | 3.59  | 0.40  | 0.26 | 0.00      | 0.00        | 23.21  | 43.58      |                             |      |      |     |           |             |        |            |
|            | H13PR006     | 18.38                        | 3.76  | 0.40  | 1.76 | 0.25      | 0.05        | 22.17  | 46.77      |                             |      |      |     |           |             |        |            |
|            | H13PR007     | 35.64                        | 7.94  | 0.81  | 0.52 | 0.00      | 0.00        | 51.32  | 96.23      |                             |      |      |     |           |             |        |            |
|            | H13PR008     | 38.68                        | 7.97  | 0.81  | 2.52 | 1.10      | 0.20        | 46.71  | 97.99      |                             |      |      |     |           |             |        |            |
|            | H13PR009     | 8.15                         | 1.68  | 0.08  | 1.55 | 0.25      | 0.05        | 9.84   | 21.60      |                             |      |      |     |           |             |        |            |
|            | H13PR010     | 8.36                         | 1.72  | 0.08  | 1.55 | 0.25      | 0.05        | 10.09  | 22.10      |                             |      |      |     |           |             |        |            |
|            | H13PR011     | 10.40                        | 2.14  | 0.16  | 1.60 | 0.25      | 0.05        | 12.55  | 27.15      |                             |      |      |     |           |             |        |            |
|            | H13PR012     | 11.03                        | 2.27  | 0.16  | 1.60 | 0.25      | 0.05        | 13.31  | 28.67      |                             |      |      |     |           |             |        |            |
|            | H13PR013     | 12.45                        | 2.55  | 0.16  | 1.60 | 0.25      | 0.05        | 15.02  | 32.08      |                             |      |      |     |           |             |        |            |
|            | H13PR014     | 13.85                        | 2.84  | 0.24  | 1.65 | 0.25      | 0.05        | 16.71  | 35.59      |                             |      |      |     |           |             |        |            |
|            | H13PR015     | 16.00                        | 3.27  | 0.24  | 1.65 | 0.25      | 0.05        | 19.30  | 40.76      |                             |      |      |     |           |             |        |            |
|            | H13PR016     | 8.80                         | 1.81  | 0.64  | 1.66 | 0.25      | 0.05        | 10.63  | 23.84      |                             |      |      |     |           |             |        |            |
|            | H13PR017     | 12.77                        | 2.62  | 0.81  | 1.77 | 0.25      | 0.05        | 15.41  | 33.68      |                             |      |      |     |           |             |        |            |
|            | H13PR018     | 18.58                        | 3.80  | 1.21  | 2.28 | 0.25      | 0.05        | 22.41  | 48.58      |                             |      |      |     |           |             |        |            |
|            | H13PR019     | 26.22                        | 5.35  | 1.61  | 2.53 | 0.25      | 0.05        | 31.61  | 67.62      |                             |      |      |     |           |             |        |            |
|            | H13PR020     | 7.04                         | 1.57  | 0.08  | 0.05 | 0.00      | 0.00        | 10.13  | 18.87      |                             |      |      |     |           |             |        |            |
|            | H13PR021     | 7.23                         | 1.61  | 0.08  | 0.05 | 0.00      | 0.00        | 10.42  | 19.39      |                             |      |      |     |           |             |        |            |
|            | H13PR022     | 9.07                         | 2.02  | 0.16  | 0.10 | 0.00      | 0.00        | 13.06  | 24.41      |                             |      |      |     |           |             |        |            |
|            | H13PR023     | 9.63                         | 2.14  | 0.08  | 0.05 | 0.00      | 0.00        | 13.86  | 25.76      |                             |      |      |     |           |             |        |            |
|            | H13PR024     | 10.93                        | 2.43  | 0.16  | 0.10 | 0.00      | 0.00        | 15.73  | 29.35      |                             |      |      |     |           |             |        |            |
|            | H13PR025     | 12.16                        | 2.71  | 0.24  | 0.15 | 0.00      | 0.00        | 17.51  | 32.77      |                             |      |      |     |           |             |        |            |
|            | H13PR026     | 14.19                        | 3.16  | 0.24  | 0.15 | 0.00      | 0.00        | 20.43  | 38.17      |                             |      |      |     |           |             |        |            |
|            | H13PR027     | 7.65                         | 1.70  | 0.64  | 0.41 | 0.00      | 0.00        | 11.02  | 21.42      |                             |      |      |     |           |             |        |            |
|            | H13PR028     | 11.31                        | 2.52  | 0.81  | 0.52 | 0.00      | 0.00        | 16.28  | 31.44      |                             |      |      |     |           |             |        |            |
|            | H13PR029     | 16.88                        | 3.76  | 1.21  | 0.78 | 0.00      | 0.00        | 24.30  | 46.93      |                             |      |      |     |           |             |        |            |
|            | H13PR030     | 23.81                        | 5.30  | 1.61  | 1.03 | 0.00      | 0.00        | 34.28  | 66.03      |                             |      |      |     |           |             |        |            |
|            | H13SH001     | 2.99                         | 0.61  | 1.61  | 0.93 | 0.00      | 0.00        | 4.05   | 10.19      |                             |      |      |     |           |             |        |            |
|            | H13SH002     | 2.76                         | 0.56  | 1.61  | 0.93 | 0.00      | 0.00        | 3.74   | 9.60       |                             |      |      |     |           |             |        |            |
| H13SH003   | 5.53         | 1.12                         | 3.22  | 1.86  | 0.00 | 0.00      | 7.49        | 19.22  |            |                             |      |      |     |           |             |        |            |
| H13SH004   | 5.84         | 1.18                         | 3.22  | 1.86  | 0.00 | 0.00      | 7.91        | 20.01  |            |                             |      |      |     |           |             |        |            |
| H13SH005   | 10.05        | 2.04                         | 8.06  | 4.65  | 0.00 | 0.00      | 13.63       | 38.43  |            |                             |      |      |     |           |             |        |            |
| H13SH006   | 32.18        | 6.53                         | 24.18 | 13.96 | 0.00 | 0.00      | 43.62       | 120.47 |            |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>H13</b> | <b>cont.</b> |                              |       |       |       |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | H13SH007     | 40.70                        | 8.26  | 48.36 | 27.91 | 0.00      | 0.00        | 55.17  | 180.40     |                             |       |       |      |           |             |        |            |
| <b>H20</b> |              |                              |       |       |       |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | H20BE001     | 1.18                         | 0.24  | 0.00  | 0.10  | 0.00      | 0.00        | 1.50   | 3.02       |                             |       |       |      |           |             |        |            |
|            | H20BE002     | 1.52                         | 0.31  | 0.00  | 0.20  | 0.00      | 0.00        | 1.95   | 3.98       |                             |       |       |      |           |             |        |            |
|            | H20BE003     | 1.97                         | 0.40  | 0.00  | 0.30  | 0.00      | 0.00        | 2.53   | 5.20       |                             |       |       |      |           |             |        |            |
|            | H20BE004     | 2.94                         | 0.59  | 0.00  | 0.40  | 0.00      | 0.00        | 3.76   | 7.69       |                             |       |       |      |           |             |        |            |
|            | H20SK001     | 9.42                         | 1.91  | 2.77  | 0.85  | 0.00      | 0.00        | 12.06  | 27.01      |                             |       |       |      |           |             |        |            |
|            | H20SK002     | 12.75                        | 2.58  | 2.77  | 0.85  | 0.00      | 0.00        | 16.32  | 35.27      |                             |       |       |      |           |             |        |            |
|            | H20SK003     | 19.66                        | 3.98  | 3.60  | 1.11  | 0.00      | 0.00        | 25.16  | 53.51      |                             |       |       |      |           |             |        |            |
|            | H20SK004     | 23.32                        | 4.72  | 4.16  | 1.28  | 0.00      | 0.00        | 29.86  | 63.34      |                             |       |       |      |           |             |        |            |
| <b>H25</b> |              |                              |       |       |       |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | H25AX001     | 0.86                         | 0.11  | 0.00  | 0.00  | 0.00      | 0.00        | 1.29   | 2.26       |                             |       |       |      |           |             |        |            |
|            | H25AX002     | 0.93                         | 0.12  | 0.00  | 0.00  | 0.00      | 0.00        | 1.41   | 2.46       |                             |       |       |      |           |             |        |            |
|            | H25AX003     | 1.06                         | 0.14  | 0.00  | 0.00  | 0.00      | 0.00        | 1.59   | 2.79       |                             |       |       |      |           |             |        |            |
|            | H25AX004     | 1.21                         | 0.16  | 0.00  | 0.00  | 0.00      | 0.00        | 1.82   | 3.19       |                             |       |       |      |           |             |        |            |
|            | H25AX005     | 1.16                         | 0.15  | 0.00  | 0.00  | 0.00      | 0.00        | 1.75   | 3.06       |                             |       |       |      |           |             |        |            |
|            | H25AX006     | 1.32                         | 0.17  | 0.00  | 0.00  | 0.00      | 0.00        | 1.99   | 3.48       |                             |       |       |      |           |             |        |            |
|            | H25BS001     | 0.55                         | 0.08  | 0.00  | 0.00  | 0.00      | 0.00        | 0.71   | 1.34       |                             |       |       |      |           |             |        |            |
|            | H25BS002     | 0.64                         | 0.09  | 0.00  | 0.00  | 0.00      | 0.00        | 0.82   | 1.55       |                             |       |       |      |           |             |        |            |
|            | H25BS003     | 0.71                         | 0.10  | 0.00  | 0.00  | 0.00      | 0.00        | 0.91   | 1.72       |                             |       |       |      |           |             |        |            |
|            | H25BS004     | 0.86                         | 0.12  | 0.00  | 0.00  | 0.00      | 0.00        | 1.11   | 2.09       |                             |       |       |      |           |             |        |            |
|            | H25BS005     | 1.36                         | 0.19  | 0.00  | 0.00  | 0.00      | 0.00        | 1.74   | 3.29       |                             |       |       |      |           |             |        |            |
|            | H25CA020     | 7.46                         | 1.83  | 2.19  | 1.07  | 0.00      | 0.00        | 8.99   | 21.54      | 9.33                        | 1.87  | 2.92  | 1.42 | 0.00      | 0.00        | 12.84  | 28.38      |
|            | H25CA021     | 8.05                         | 1.98  | 2.33  | 1.14  | 0.00      | 0.00        | 9.70   | 23.20      | 10.07                       | 2.01  | 3.10  | 1.51 | 0.00      | 0.00        | 13.85  | 30.54      |
|            | H25CA022     | 12.72                        | 3.35  | 3.55  | 1.73  | 0.00      | 0.00        | 16.41  | 37.76      | 15.27                       | 3.40  | 4.73  | 2.31 | 0.00      | 0.00        | 22.16  | 47.87      |
|            | H25CA023     | 14.25                        | 3.75  | 3.55  | 1.73  | 0.00      | 0.00        | 18.38  | 41.66      | 17.10                       | 3.81  | 4.73  | 2.31 | 0.00      | 0.00        | 24.82  | 52.77      |
|            | H25CA025     | 17.91                        | 4.71  | 4.66  | 2.27  | 0.00      | 0.00        | 23.11  | 52.66      | 21.50                       | 4.79  | 6.21  | 3.03 | 0.00      | 0.00        | 31.19  | 66.72      |
|            | H25CA027     | 21.60                        | 5.68  | 6.15  | 3.00  | 0.00      | 0.00        | 27.87  | 64.30      | 25.93                       | 5.77  | 8.21  | 4.00 | 0.00      | 0.00        | 37.62  | 81.53      |
|            | H25CA029     | 22.83                        | 7.97  | 7.93  | 2.24  | 0.00      | 0.00        | 38.11  | 79.08      | 27.39                       | 8.06  | 10.57 | 2.98 | 0.00      | 0.00        | 49.89  | 98.89      |
|            | H25CA030     | 37.38                        | 13.05 | 11.86 | 3.35  | 0.00      | 0.00        | 62.40  | 128.04     | 44.85                       | 13.20 | 15.82 | 4.46 | 0.00      | 0.00        | 81.68  | 160.01     |
|            | H25CA031     | 39.20                        | 13.69 | 11.86 | 3.65  | 0.00      | 0.00        | 71.39  | 139.79     | 47.04                       | 13.84 | 15.82 | 4.87 | 0.00      | 0.00        | 92.81  | 174.38     |
|            | H25CS004     | 9.43                         | 2.31  | 2.77  | 1.35  | 0.00      | 0.00        | 11.35  | 27.21      | 11.78                       | 2.36  | 3.70  | 1.80 | 0.00      | 0.00        | 16.21  | 35.85      |
|            | H25CS005     | 11.19                        | 2.74  | 2.86  | 1.39  | 0.00      | 0.00        | 13.47  | 31.65      | 13.98                       | 2.80  | 3.81  | 1.86 | 0.00      | 0.00        | 19.24  | 41.69      |
|            | H25CS006     | 12.10                        | 3.18  | 3.55  | 1.73  | 0.00      | 0.00        | 15.61  | 36.17      | 14.52                       | 3.23  | 4.73  | 2.31 | 0.00      | 0.00        | 21.07  | 45.86      |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>H25</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | H25CS007     | 15.62                        | 4.11  | 4.49  | 2.19  | 0.00      | 0.00        | 20.15  | 46.56      | 18.75                       | 4.17  | 5.99  | 2.92  | 0.00      | 0.00        | 27.21  | 59.04      |
|            | H25CS008     | 19.13                        | 5.03  | 6.65  | 3.24  | 0.00      | 0.00        | 24.68  | 58.73      | 22.95                       | 5.11  | 8.87  | 4.32  | 0.00      | 0.00        | 33.31  | 74.56      |
|            | H25CS009     | 28.70                        | 7.55  | 8.32  | 4.06  | 0.00      | 0.00        | 37.02  | 85.65      | 34.44                       | 7.67  | 11.09 | 5.41  | 0.00      | 0.00        | 49.98  | 108.59     |
|            | H25FI012     | 11.44                        | 3.01  | 4.57  | 2.23  | 0.00      | 0.00        | 14.76  | 36.01      | 13.73                       | 3.06  | 6.10  | 2.97  | 0.00      | 0.00        | 19.93  | 45.79      |
|            | H25FI013     | 12.53                        | 3.30  | 5.21  | 2.54  | 0.00      | 0.00        | 16.17  | 39.75      | 15.04                       | 3.35  | 6.95  | 3.39  | 0.00      | 0.00        | 21.83  | 50.56      |
|            | H25FI014     | 15.91                        | 4.19  | 5.96  | 2.90  | 0.00      | 0.00        | 20.52  | 49.48      | 19.09                       | 4.25  | 7.95  | 3.87  | 0.00      | 0.00        | 27.71  | 62.87      |
|            | H25HI001     | 9.77                         | 2.40  | 2.00  | 0.97  | 0.00      | 0.00        | 11.77  | 26.91      | 12.22                       | 2.44  | 2.66  | 1.30  | 0.00      | 0.00        | 16.81  | 35.43      |
|            | H25HI002     | 12.21                        | 3.00  | 2.99  | 1.46  | 0.00      | 0.00        | 14.70  | 34.36      | 15.26                       | 3.05  | 3.99  | 1.94  | 0.00      | 0.00        | 21.00  | 45.24      |
|            | H25HI003     | 12.01                        | 2.95  | 2.63  | 1.28  | 0.00      | 0.00        | 14.46  | 33.33      | 15.01                       | 3.00  | 3.51  | 1.71  | 0.00      | 0.00        | 20.65  | 43.88      |
|            | H25HI005     | 13.90                        | 3.66  | 3.66  | 1.78  | 0.00      | 0.00        | 17.94  | 40.94      | 16.68                       | 3.71  | 4.88  | 2.38  | 0.00      | 0.00        | 24.21  | 51.86      |
|            | H25HI009     | 18.62                        | 4.90  | 4.46  | 2.17  | 0.00      | 0.00        | 24.02  | 54.17      | 22.35                       | 4.98  | 5.95  | 2.90  | 0.00      | 0.00        | 32.43  | 68.61      |
|            | H25HI010     | 19.30                        | 5.08  | 4.46  | 2.17  | 0.00      | 0.00        | 24.90  | 55.91      | 23.16                       | 5.16  | 5.95  | 2.90  | 0.00      | 0.00        | 33.61  | 70.78      |
|            | H25HI011     | 31.75                        | 8.35  | 8.21  | 4.00  | 0.00      | 0.00        | 40.95  | 93.26      | 38.09                       | 8.48  | 10.94 | 5.33  | 0.00      | 0.00        | 55.29  | 118.13     |
|            | H25HI012     | 33.04                        | 8.69  | 8.21  | 4.00  | 0.00      | 0.00        | 42.62  | 96.56      | 39.64                       | 8.83  | 10.94 | 5.33  | 0.00      | 0.00        | 57.53  | 122.27     |
|            | H25HI019     | 39.76                        | 13.88 | 11.48 | 3.24  | 0.00      | 0.00        | 66.38  | 134.74     | 47.72                       | 14.04 | 15.30 | 4.32  | 0.00      | 0.00        | 86.90  | 168.28     |
|            | H25HI020     | 74.88                        | 26.14 | 27.72 | 7.82  | 0.00      | 0.00        | 125.00 | 261.56     | 89.85                       | 26.44 | 36.96 | 10.43 | 0.00      | 0.00        | 163.64 | 327.32     |
|            | H25HI021     | 161.32                       | 56.32 | 48.79 | 15.02 | 0.00      | 0.00        | 293.79 | 575.24     | 193.58                      | 56.97 | 65.05 | 20.02 | 0.00      | 0.00        | 381.92 | 717.54     |
|            | H25HU001     | 7.74                         | 1.90  | 2.80  | 1.36  | 0.00      | 0.00        | 9.32   | 23.12      | 9.68                        | 1.94  | 3.73  | 1.82  | 0.00      | 0.00        | 13.31  | 30.48      |
|            | H25HU002     | 8.49                         | 2.23  | 3.49  | 1.70  | 0.00      | 0.00        | 10.95  | 26.86      | 10.19                       | 2.27  | 4.66  | 2.27  | 0.00      | 0.00        | 14.79  | 34.18      |
|            | H25HU003     | 11.79                        | 3.10  | 5.07  | 2.47  | 0.00      | 0.00        | 15.21  | 37.64      | 14.15                       | 3.15  | 6.76  | 3.29  | 0.00      | 0.00        | 20.53  | 47.88      |
|            | H25HU004     | 13.79                        | 3.63  | 6.38  | 3.11  | 0.00      | 0.00        | 17.79  | 44.70      | 16.55                       | 3.69  | 8.50  | 4.14  | 0.00      | 0.00        | 24.02  | 56.90      |
|            | H25HU005     | 17.15                        | 4.51  | 8.23  | 4.01  | 0.00      | 0.00        | 22.12  | 56.02      | 20.58                       | 4.58  | 10.98 | 5.35  | 0.00      | 0.00        | 29.86  | 71.35      |
|            | H25JD006     | 10.16                        | 2.49  | 2.63  | 1.28  | 0.00      | 0.00        | 12.23  | 28.79      | 12.70                       | 2.54  | 3.51  | 1.71  | 0.00      | 0.00        | 17.47  | 37.93      |
|            | H25JD013     | 8.99                         | 2.21  | 2.36  | 1.15  | 0.00      | 0.00        | 10.83  | 25.54      | 11.24                       | 2.25  | 3.14  | 1.53  | 0.00      | 0.00        | 15.47  | 33.63      |
|            | H25JD014     | 14.88                        | 3.65  | 2.63  | 1.28  | 0.00      | 0.00        | 17.92  | 40.36      | 18.60                       | 3.72  | 3.51  | 1.71  | 0.00      | 0.00        | 25.60  | 53.14      |
|            | H25JD015     | 11.42                        | 3.00  | 3.60  | 1.75  | 0.00      | 0.00        | 14.73  | 34.50      | 13.70                       | 3.05  | 4.80  | 2.34  | 0.00      | 0.00        | 19.89  | 43.78      |
|            | H25JD016     | 14.41                        | 3.79  | 4.30  | 2.10  | 0.00      | 0.00        | 18.59  | 43.19      | 17.29                       | 3.85  | 5.73  | 2.79  | 0.00      | 0.00        | 25.10  | 54.76      |
|            | H25JD017     | 16.09                        | 4.23  | 4.57  | 2.23  | 0.00      | 0.00        | 20.76  | 47.88      | 19.31                       | 4.30  | 6.10  | 2.97  | 0.00      | 0.00        | 28.03  | 60.71      |
|            | H25JD018     | 18.34                        | 4.82  | 6.10  | 2.97  | 0.00      | 0.00        | 23.66  | 55.89      | 22.01                       | 4.90  | 8.13  | 3.96  | 0.00      | 0.00        | 31.94  | 70.94      |
| H25JD019   | 28.21        | 7.42                         | 7.90  | 3.85  | 0.00  | 0.00      | 36.39       | 83.77  | 33.85      | 7.54                        | 10.53 | 5.13  | 0.00  | 0.00      | 49.12       | 106.17 |            |
| H25JD020   | 9.04         | 2.22                         | 2.49  | 1.21  | 0.00  | 0.00      | 10.89       | 25.85  | 11.30      | 2.26                        | 3.33  | 1.62  | 0.00  | 0.00      | 15.55       | 34.06  |            |
| H25JD021   | 11.97        | 3.15                         | 3.88  | 1.89  | 0.00  | 0.00      | 15.44       | 36.33  | 14.37      | 3.20                        | 5.17  | 2.52  | 0.00  | 0.00      | 20.85       | 46.11  |            |
| H25KC003   | 2.19         | 0.54                         | 0.40  | 0.20  | 0.00  | 0.00      | 2.64        | 5.97   | 2.74       | 0.55                        | 0.53  | 0.26  | 0.00  | 0.00      | 3.77        | 7.85   |            |
| H25KC004   | 3.00         | 0.74                         | 0.58  | 0.28  | 0.00  | 0.00      | 3.61        | 8.21   | 3.75       | 0.75                        | 0.78  | 0.38  | 0.00  | 0.00      | 5.16        | 10.82  |            |
| H25KC005   | 3.45         | 0.85                         | 0.72  | 0.35  | 0.00  | 0.00      | 4.15        | 9.52   | 4.31       | 0.86                        | 0.96  | 0.47  | 0.00  | 0.00      | 5.93        | 12.53  |            |

Table 2-2 . HOURLY RATE ELEMENTS

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>H25</b> | <b>cont.</b> |                              |       |       |      |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | H25KC007     | 6.86                         | 1.68  | 2.38  | 1.16 | 0.00      | 0.00        | 8.26   | 20.34      | 8.57                        | 1.72  | 3.18  | 1.55 | 0.00      | 0.00        | 11.80  | 26.82      |
|            | H25KC008     | 9.97                         | 2.45  | 2.86  | 1.39 | 0.00      | 0.00        | 12.00  | 28.67      | 12.46                       | 2.49  | 3.81  | 1.86 | 0.00      | 0.00        | 17.14  | 37.76      |
|            | H25KC009     | 11.90                        | 3.13  | 3.91  | 1.91 | 0.00      | 0.00        | 15.36  | 36.21      | 14.28                       | 3.18  | 5.21  | 2.54 | 0.00      | 0.00        | 20.73  | 45.94      |
|            | H25KC010     | 13.90                        | 3.66  | 4.85  | 2.36 | 0.00      | 0.00        | 17.93  | 42.70      | 16.68                       | 3.71  | 6.47  | 3.15 | 0.00      | 0.00        | 24.21  | 54.22      |
|            | H25KC011     | 19.66                        | 5.17  | 6.60  | 3.22 | 0.00      | 0.00        | 25.36  | 60.01      | 23.59                       | 5.25  | 8.80  | 4.29 | 0.00      | 0.00        | 34.24  | 76.17      |
|            | H25KC012     | 26.61                        | 7.00  | 8.48  | 4.13 | 0.00      | 0.00        | 34.32  | 80.54      | 31.93                       | 7.11  | 11.31 | 5.51 | 0.00      | 0.00        | 46.33  | 102.19     |
|            | H25KC014     | 6.40                         | 1.57  | 1.50  | 0.73 | 0.00      | 0.00        | 7.71   | 17.91      | 8.00                        | 1.60  | 2.00  | 0.97 | 0.00      | 0.00        | 11.01  | 23.58      |
|            | H25KC015     | 19.96                        | 6.97  | 8.48  | 2.39 | 0.00      | 0.00        | 33.32  | 71.12      | 23.95                       | 7.05  | 11.31 | 3.19 | 0.00      | 0.00        | 43.62  | 89.12      |
|            | H25KM001     | 11.03                        | 2.71  | 2.33  | 1.14 | 0.00      | 0.00        | 13.28  | 30.49      | 13.79                       | 2.76  | 3.10  | 1.51 | 0.00      | 0.00        | 18.97  | 40.13      |
|            | H25KM003     | 14.74                        | 3.88  | 3.69  | 1.80 | 0.00      | 0.00        | 19.01  | 43.12      | 17.68                       | 3.94  | 4.92  | 2.40 | 0.00      | 0.00        | 25.66  | 54.60      |
|            | H25KM004     | 16.84                        | 4.43  | 4.38  | 2.13 | 0.00      | 0.00        | 21.72  | 49.50      | 20.21                       | 4.50  | 5.84  | 2.85 | 0.00      | 0.00        | 29.32  | 62.72      |
|            | H25KM005     | 23.14                        | 6.09  | 5.74  | 2.80 | 0.00      | 0.00        | 29.85  | 67.62      | 27.77                       | 6.18  | 7.65  | 3.73 | 0.00      | 0.00        | 40.30  | 85.63      |
|            | H25KM006     | 37.99                        | 13.26 | 11.20 | 3.16 | 0.00      | 0.00        | 63.42  | 129.03     | 45.59                       | 13.42 | 14.93 | 4.21 | 0.00      | 0.00        | 83.02  | 161.17     |
|            | H25KM007     | 56.90                        | 19.86 | 15.02 | 4.62 | 0.00      | 0.00        | 103.62 | 200.02     | 68.28                       | 20.09 | 20.03 | 6.17 | 0.00      | 0.00        | 134.71 | 249.28     |
|            | H25KM008     | 56.99                        | 19.90 | 15.02 | 4.62 | 0.00      | 0.00        | 103.79 | 200.32     | 68.39                       | 20.13 | 20.03 | 6.17 | 0.00      | 0.00        | 134.93 | 249.65     |
|            | H25KN001     | 3.82                         | 0.50  | 0.00  | 0.50 | 0.00      | 0.00        | 5.76   | 10.58      |                             |       |       |      |           |             |        |            |
|            | H25KN002     | 5.30                         | 0.69  | 0.00  | 0.50 | 0.00      | 0.00        | 7.98   | 14.47      |                             |       |       |      |           |             |        |            |
|            | H25KN003     | 6.48                         | 0.84  | 0.00  | 0.50 | 0.00      | 0.00        | 9.76   | 17.58      |                             |       |       |      |           |             |        |            |
|            | H25KN004     | 8.41                         | 1.09  | 0.00  | 0.50 | 0.00      | 0.00        | 12.66  | 22.66      |                             |       |       |      |           |             |        |            |
|            | H25KN005     | 10.57                        | 1.37  | 0.00  | 1.00 | 0.00      | 0.00        | 15.92  | 28.86      |                             |       |       |      |           |             |        |            |
|            | H25KN006     | 14.99                        | 1.94  | 0.00  | 1.00 | 0.00      | 0.00        | 22.58  | 40.51      |                             |       |       |      |           |             |        |            |
|            | H25KN007     | 0.54                         | 0.07  | 0.00  | 0.15 | 0.00      | 0.00        | 0.81   | 1.57       |                             |       |       |      |           |             |        |            |
|            | H25KN009     | 1.10                         | 0.14  | 0.00  | 0.15 | 0.00      | 0.00        | 1.66   | 3.05       |                             |       |       |      |           |             |        |            |
|            | H25KN010     | 1.64                         | 0.21  | 0.00  | 0.15 | 0.00      | 0.00        | 2.48   | 4.48       |                             |       |       |      |           |             |        |            |
|            | H25KU001     | 1.90                         | 0.47  | 0.61  | 0.30 | 0.00      | 0.00        | 2.29   | 5.57       | 2.38                        | 0.48  | 0.81  | 0.39 | 0.00      | 0.00        | 3.27   | 7.33       |
|            | H25KU002     | 2.40                         | 0.59  | 0.75  | 0.37 | 0.00      | 0.00        | 2.88   | 6.99       | 2.99                        | 0.60  | 1.00  | 0.49 | 0.00      | 0.00        | 4.12   | 9.20       |
|            | H25KU003     | 2.82                         | 0.69  | 0.76  | 0.37 | 0.00      | 0.00        | 3.40   | 8.04       | 3.53                        | 0.71  | 1.02  | 0.50 | 0.00      | 0.00        | 4.85   | 10.61      |
|            | H25KU004     | 4.38                         | 1.07  | 1.19  | 0.58 | 0.00      | 0.00        | 5.27   | 12.49      | 5.48                        | 1.10  | 1.59  | 0.77 | 0.00      | 0.00        | 7.53   | 16.47      |
|            | H25KU012     | 3.22                         | 0.79  | 1.19  | 0.58 | 0.00      | 0.00        | 3.87   | 9.65       | 4.02                        | 0.80  | 1.59  | 0.77 | 0.00      | 0.00        | 5.53   | 12.71      |
| H25LB001   | 6.57         | 1.61                         | 1.61  | 0.78  | 0.00 | 0.00      | 7.91        | 18.48  | 8.21       | 1.64                        | 2.14  | 1.04  | 0.00 | 0.00      | 11.30       | 24.33  |            |
| H25LB002   | 8.85         | 2.17                         | 2.41  | 1.17  | 0.00 | 0.00      | 10.66       | 25.26  | 11.06      | 2.21                        | 3.22  | 1.57  | 0.00 | 0.00      | 15.22       | 33.28  |            |
| H25LB003   | 10.51        | 2.58                         | 2.77  | 1.35  | 0.00 | 0.00      | 12.66       | 29.87  | 13.14      | 2.63                        | 3.70  | 1.80  | 0.00 | 0.00      | 18.08       | 39.35  |            |
| H25LB004   | 11.39        | 3.00                         | 3.46  | 1.69  | 0.00 | 0.00      | 14.69       | 34.23  | 13.66      | 3.04                        | 4.62  | 2.25  | 0.00 | 0.00      | 19.83       | 43.40  |            |
| H25LB005   | 14.50        | 3.81                         | 4.24  | 2.07  | 0.00 | 0.00      | 18.70       | 43.32  | 17.39      | 3.87                        | 5.65  | 2.75  | 0.00 | 0.00      | 25.24       | 54.90  |            |
| H25LB006   | 17.84        | 4.69                         | 5.93  | 2.89  | 0.00 | 0.00      | 23.02       | 54.37  | 21.41      | 4.77                        | 7.91  | 3.86  | 0.00 | 0.00      | 31.07       | 69.02  |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |       |      |           |             |        |            |  |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|-------|------|-----------|-------------|--------|------------|--|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |  |
| <b>H25</b> | <b>cont.</b> |                              |      |      |      |           |             |        |            |                             |      |       |      |           |             |        |            |  |
|            | H25LB007     | 26.86                        | 7.07 | 7.76 | 3.78 | 0.00      | 0.00        | 34.65  | 80.12      | 32.23                       | 7.18 | 10.35 | 5.04 | 0.00      | 0.00        | 46.78  | 101.58     |  |
|            | H25LU001     | 2.50                         | 0.32 | 0.00 | 0.40 | 0.00      | 0.00        | 3.39   | 6.61       |                             |      |       |      |           |             |        |            |  |
|            | H25LU002     | 3.36                         | 0.44 | 0.00 | 0.50 | 0.00      | 0.00        | 4.56   | 8.86       |                             |      |       |      |           |             |        |            |  |
|            | H25LU003     | 5.29                         | 0.69 | 0.00 | 0.80 | 0.00      | 0.00        | 7.17   | 13.95      |                             |      |       |      |           |             |        |            |  |
|            | H25LU004     | 6.77                         | 0.88 | 0.00 | 0.90 | 0.00      | 0.00        | 9.17   | 17.72      |                             |      |       |      |           |             |        |            |  |
|            | H25LU005     | 7.23                         | 0.94 | 0.00 | 1.10 | 0.00      | 0.00        | 9.80   | 19.07      |                             |      |       |      |           |             |        |            |  |
|            | H25LU006     | 10.69                        | 1.39 | 0.00 | 1.50 | 0.00      | 0.00        | 14.48  | 28.06      |                             |      |       |      |           |             |        |            |  |
|            | H25LU007     | 8.77                         | 1.14 | 0.00 | 1.40 | 0.00      | 0.00        | 11.88  | 23.19      |                             |      |       |      |           |             |        |            |  |
|            | H25LU008     | 12.15                        | 1.58 | 0.00 | 1.60 | 0.00      | 0.00        | 16.47  | 31.80      |                             |      |       |      |           |             |        |            |  |
|            | H25LU009     | 12.67                        | 1.64 | 0.00 | 1.70 | 0.00      | 0.00        | 17.17  | 33.18      |                             |      |       |      |           |             |        |            |  |
|            | H25LU010     | 15.86                        | 2.06 | 0.00 | 2.00 | 0.00      | 0.00        | 21.50  | 41.42      |                             |      |       |      |           |             |        |            |  |
|            | H25LU011     | 15.19                        | 1.97 | 0.00 | 2.00 | 0.00      | 0.00        | 20.58  | 39.74      |                             |      |       |      |           |             |        |            |  |
|            | H25LU012     | 19.24                        | 2.50 | 0.00 | 2.50 | 0.00      | 0.00        | 26.08  | 50.32      |                             |      |       |      |           |             |        |            |  |
|            | H25LU013     | 19.28                        | 2.50 | 0.00 | 2.60 | 0.00      | 0.00        | 26.13  | 50.51      |                             |      |       |      |           |             |        |            |  |
|            | H25LU014     | 23.22                        | 3.01 | 0.00 | 3.00 | 0.00      | 0.00        | 31.47  | 60.70      |                             |      |       |      |           |             |        |            |  |
|            | H25LU015     | 21.56                        | 2.80 | 0.00 | 3.00 | 0.00      | 0.00        | 29.22  | 56.58      |                             |      |       |      |           |             |        |            |  |
|            | H25LU016     | 26.61                        | 3.45 | 0.00 | 3.60 | 0.00      | 0.00        | 36.06  | 69.72      |                             |      |       |      |           |             |        |            |  |
|            | H25LU023     | 1.32                         | 0.19 | 0.00 | 0.25 | 0.00      | 0.00        | 1.69   | 3.45       |                             |      |       |      |           |             |        |            |  |
|            | H25LU024     | 1.93                         | 0.27 | 0.00 | 0.30 | 0.00      | 0.00        | 2.47   | 4.97       |                             |      |       |      |           |             |        |            |  |
|            | H25LU025     | 2.39                         | 0.34 | 0.00 | 0.40 | 0.00      | 0.00        | 3.06   | 6.19       |                             |      |       |      |           |             |        |            |  |
|            | H25LU026     | 2.74                         | 0.39 | 0.00 | 0.50 | 0.00      | 0.00        | 3.51   | 7.14       |                             |      |       |      |           |             |        |            |  |
|            | H25LU027     | 3.08                         | 0.44 | 0.00 | 0.60 | 0.00      | 0.00        | 3.95   | 8.07       |                             |      |       |      |           |             |        |            |  |
|            | H25LU028     | 3.97                         | 0.56 | 0.00 | 0.70 | 0.00      | 0.00        | 5.08   | 10.31      |                             |      |       |      |           |             |        |            |  |
|            | H25LU029     | 3.07                         | 0.44 | 0.00 | 0.40 | 0.00      | 0.00        | 3.93   | 7.84       |                             |      |       |      |           |             |        |            |  |
|            | H25LU030     | 4.74                         | 0.67 | 0.00 | 0.60 | 0.00      | 0.00        | 6.07   | 12.08      |                             |      |       |      |           |             |        |            |  |
|            | H25LU031     | 7.85                         | 1.11 | 0.00 | 1.20 | 0.00      | 0.00        | 10.05  | 20.21      |                             |      |       |      |           |             |        |            |  |
|            | H25LU032     | 9.43                         | 1.34 | 0.00 | 1.40 | 0.00      | 0.00        | 12.07  | 24.24      |                             |      |       |      |           |             |        |            |  |
|            | H25LU033     | 4.26                         | 0.60 | 0.00 | 0.60 | 0.00      | 0.00        | 5.46   | 10.92      |                             |      |       |      |           |             |        |            |  |
|            | H25LU034     | 5.75                         | 0.82 | 0.00 | 0.80 | 0.00      | 0.00        | 7.36   | 14.73      |                             |      |       |      |           |             |        |            |  |
|            | H25LU035     | 6.13                         | 0.87 | 0.00 | 0.90 | 0.00      | 0.00        | 7.85   | 15.75      |                             |      |       |      |           |             |        |            |  |
|            | H25LU036     | 6.50                         | 0.92 | 0.00 | 1.00 | 0.00      | 0.00        | 8.32   | 16.74      |                             |      |       |      |           |             |        |            |  |
|            | H25LU040     | 11.77                        | 1.53 | 0.00 | 0.75 | 0.00      | 0.00        | 17.72  | 31.77      |                             |      |       |      |           |             |        |            |  |
|            | H25LU041     | 14.92                        | 1.94 | 0.00 | 0.75 | 0.00      | 0.00        | 22.47  | 40.08      |                             |      |       |      |           |             |        |            |  |
|            | H25LU042     | 18.15                        | 2.36 | 0.00 | 1.50 | 0.00      | 0.00        | 27.34  | 49.35      |                             |      |       |      |           |             |        |            |  |
|            | H25LU045     | 2.87                         | 0.37 | 0.00 | 0.50 | 0.00      | 0.00        | 4.32   | 8.06       |                             |      |       |      |           |             |        |            |  |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |        |       |       |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|--------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM   | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>H25</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |        |       |       |           |             |        |            |
|            | H25LU046     | 3.07                         | 0.40  | 0.00  | 0.50  | 0.00      | 0.00        | 4.63   | 8.60       |                             |        |       |       |           |             |        |            |
|            | H25LU047     | 3.57                         | 0.46  | 0.00  | 0.60  | 0.00      | 0.00        | 5.37   | 10.00      |                             |        |       |       |           |             |        |            |
|            | H25LU048     | 3.97                         | 0.52  | 0.00  | 0.70  | 0.00      | 0.00        | 5.98   | 11.17      |                             |        |       |       |           |             |        |            |
|            | H25LU049     | 4.81                         | 0.62  | 0.00  | 0.80  | 0.00      | 0.00        | 7.25   | 13.48      |                             |        |       |       |           |             |        |            |
|            | H25LU050     | 5.89                         | 0.76  | 0.00  | 0.90  | 0.00      | 0.00        | 8.87   | 16.42      |                             |        |       |       |           |             |        |            |
|            | H25LU053     | 13.35                        | 1.73  | 0.00  | 0.75  | 0.00      | 0.00        | 20.11  | 35.94      |                             |        |       |       |           |             |        |            |
|            | H25LU054     | 16.45                        | 2.13  | 0.00  | 0.75  | 0.00      | 0.00        | 24.77  | 44.10      |                             |        |       |       |           |             |        |            |
|            | H25OK001     | 31.64                        | 11.05 | 11.09 | 3.41  | 0.00      | 0.00        | 57.62  | 114.81     | 37.97                       | 11.17  | 14.78 | 4.55  | 0.00      | 0.00        | 74.91  | 143.38     |
|            | H25SS005     | 7.94                         | 1.95  | 2.74  | 1.34  | 0.00      | 0.00        | 9.55   | 23.52      | 9.92                        | 1.98   | 3.66  | 1.78  | 0.00      | 0.00        | 13.65  | 30.99      |
|            | H25SS006     | 10.76                        | 2.83  | 3.96  | 1.93  | 0.00      | 0.00        | 13.88  | 33.36      | 12.91                       | 2.87   | 5.29  | 2.58  | 0.00      | 0.00        | 18.73  | 42.38      |
|            | H25SS007     | 14.10                        | 3.71  | 4.93  | 2.40  | 0.00      | 0.00        | 18.19  | 43.33      | 16.92                       | 3.77   | 6.58  | 3.21  | 0.00      | 0.00        | 24.56  | 55.04      |
|            | H25SS008     | 17.02                        | 4.48  | 6.85  | 3.34  | 0.00      | 0.00        | 21.96  | 53.65      | 20.43                       | 4.55   | 9.13  | 4.45  | 0.00      | 0.00        | 29.65  | 68.21      |
|            | H25TK001     | 1.48                         | 0.36  | 0.22  | 0.11  | 0.00      | 0.00        | 1.78   | 3.95       | 1.84                        | 0.37   | 0.30  | 0.15  | 0.00      | 0.00        | 2.54   | 5.20       |
|            | H25TK002     | 2.01                         | 0.49  | 0.44  | 0.21  | 0.00      | 0.00        | 2.42   | 5.57       | 2.51                        | 0.50   | 0.59  | 0.29  | 0.00      | 0.00        | 3.46   | 7.35       |
|            | H25TK004     | 2.56                         | 0.63  | 0.72  | 0.35  | 0.00      | 0.00        | 3.08   | 7.34       | 3.20                        | 0.64   | 0.96  | 0.47  | 0.00      | 0.00        | 4.40   | 9.67       |
|            | H25TK005     | 2.98                         | 0.73  | 0.91  | 0.44  | 0.00      | 0.00        | 3.59   | 8.65       | 3.72                        | 0.75   | 1.22  | 0.59  | 0.00      | 0.00        | 5.13   | 11.41      |
|            | H25TK006     | 4.24                         | 1.04  | 1.19  | 0.58  | 0.00      | 0.00        | 5.10   | 12.15      | 5.30                        | 1.06   | 1.59  | 0.77  | 0.00      | 0.00        | 7.29   | 16.01      |
| H25TK007   | 5.91         | 1.45                         | 1.55  | 0.76  | 0.00  | 0.00      | 7.11        | 16.78  | 7.38       | 1.48                        | 2.07   | 1.01  | 0.00  | 0.00      | 10.16       | 22.10  |            |
| H25WN001   | 1.44         | 0.20                         | 0.00  | 0.00  | 0.00  | 0.00      | 1.85        | 3.49   |            |                             |        |       |       |           |             |        |            |
| <b>H30</b> | H30CA005     | 18.10                        | 3.36  | 3.33  | 1.54  | 0.57      | 0.10        | 14.65  | 41.65      | 22.28                       | 3.44   | 4.30  | 1.99  | 0.72      | 0.13        | 19.82  | 52.68      |
|            | H30GA001     | 16.24                        | 3.02  | 4.97  | 2.29  | 0.49      | 0.09        | 13.14  | 40.24      | 19.98                       | 3.09   | 6.21  | 2.87  | 0.60      | 0.11        | 17.78  | 50.64      |
|            | H30GA003     | 14.92                        | 2.76  | 2.56  | 1.18  | 0.39      | 0.07        | 12.07  | 33.95      | 18.36                       | 2.83   | 3.10  | 1.43  | 0.49      | 0.09        | 16.33  | 42.63      |
|            | H30GA004     | 16.45                        | 3.05  | 2.56  | 1.18  | 0.45      | 0.08        | 13.31  | 37.08      | 20.25                       | 3.13   | 3.10  | 1.43  | 0.56      | 0.10        | 18.01  | 46.58      |
|            | H30GA006     | 24.16                        | 4.48  | 5.46  | 2.53  | 0.64      | 0.12        | 19.54  | 56.93      | 29.73                       | 4.59   | 6.83  | 3.16  | 0.80      | 0.15        | 26.44  | 71.70      |
|            | H30LH001     | 12.40                        | 2.58  | 2.58  | 1.19  | 0.63      | 0.11        | 11.34  | 30.83      | 15.50                       | 2.65   | 3.33  | 1.54  | 0.77      | 0.14        | 15.34  | 39.27      |
|            | <b>H35</b>   | H35HI002                     | 88.42 | 27.62 | 27.72 | 8.53      | 0.00        | 0.00   | 161.03     | 313.32                      | 101.05 | 27.89 | 36.96 | 11.38     | 0.00        | 0.00   | 199.37     |
| H35HI003   |              | 181.55                       | 56.71 | 48.79 | 15.02 | 0.00      | 0.00        | 330.64 | 632.71     | 207.49                      | 57.27  | 65.05 | 20.02 | 0.00      | 0.00        | 409.37 | 759.20     |
| H35HI004   |              | 48.93                        | 15.28 | 11.48 | 3.53  | 0.00      | 0.00        | 89.11  | 168.33     | 55.92                       | 15.43  | 15.30 | 4.71  | 0.00      | 0.00        | 110.33 | 201.69     |
| H35OK001   |              | 48.35                        | 15.10 | 13.75 | 4.23  | 0.00      | 0.00        | 88.05  | 169.48     | 55.26                       | 15.25  | 18.33 | 5.64  | 0.00      | 0.00        | 109.02 | 203.50     |
| H35OK003   |              | 89.44                        | 27.94 | 23.73 | 7.30  | 0.00      | 0.00        | 162.89 | 311.30     | 102.22                      | 28.21  | 31.64 | 9.74  | 0.00      | 0.00        | 201.67 | 373.48     |
| H35OK004   |              | 123.75                       | 38.66 | 31.88 | 9.81  | 0.00      | 0.00        | 225.38 | 429.48     | 141.43                      | 39.03  | 42.50 | 13.08 | 0.00      | 0.00        | 279.04 | 515.08     |
| H35OK005   |              | 263.51                       | 82.31 | 57.10 | 17.58 | 0.00      | 0.00        | 479.91 | 900.41     | 301.16                      | 83.12  | 76.14 | 23.44 | 0.00      | 0.00        | 594.17 | 1,078.03   |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |          | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|----------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.  | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>L10</b> | L10BS002 | 1.89                         | 0.42 | 0.00 | 0.30 | 0.00      | 0.00        | 2.72   | 5.33       | 2.70                        | 0.44 | 0.00 | 0.30 | 0.00      | 0.00        | 4.32   | 7.76       |
|            | L10BS004 | 0.65                         | 0.15 | 0.00 | 0.25 | 0.00      | 0.00        | 0.94   | 1.99       | 0.93                        | 0.15 | 0.00 | 0.25 | 0.00      | 0.00        | 1.49   | 2.82       |
|            | L10BS005 | 1.74                         | 0.39 | 0.00 | 0.30 | 0.00      | 0.00        | 2.50   | 4.93       | 2.48                        | 0.40 | 0.00 | 0.30 | 0.00      | 0.00        | 3.96   | 7.14       |
|            | L10BS006 | 2.75                         | 0.61 | 0.00 | 0.40 | 0.00      | 0.00        | 3.96   | 7.72       | 3.93                        | 0.64 | 0.00 | 0.40 | 0.00      | 0.00        | 6.29   | 11.26      |
|            | L10BS007 | 2.43                         | 0.54 | 0.00 | 0.50 | 0.00      | 0.00        | 3.50   | 6.97       | 3.48                        | 0.56 | 0.00 | 0.50 | 0.00      | 0.00        | 5.55   | 10.09      |
|            | L10BU005 | 0.53                         | 0.12 | 0.00 | 1.10 | 0.00      | 0.00        | 0.76   | 2.51       | 0.76                        | 0.12 | 0.00 | 1.10 | 0.00      | 0.00        | 1.21   | 3.19       |
|            | L10BU009 | 0.33                         | 0.07 | 0.00 | 0.90 | 0.00      | 0.00        | 0.47   | 1.77       | 0.47                        | 0.08 | 0.00 | 0.90 | 0.00      | 0.00        | 0.74   | 2.19       |
|            | L10BU010 | 0.43                         | 0.09 | 0.00 | 0.80 | 0.00      | 0.00        | 0.61   | 1.93       | 0.61                        | 0.10 | 0.00 | 0.80 | 0.00      | 0.00        | 0.97   | 2.48       |
|            | L10BU011 | 0.89                         | 0.20 | 0.00 | 1.50 | 0.00      | 0.00        | 1.28   | 3.87       | 1.27                        | 0.21 | 0.00 | 1.50 | 0.00      | 0.00        | 2.03   | 5.01       |
|            | L10BU012 | 1.12                         | 0.25 | 0.00 | 2.00 | 0.00      | 0.00        | 1.61   | 4.98       | 1.60                        | 0.26 | 0.00 | 2.00 | 0.00      | 0.00        | 2.56   | 6.42       |
|            | L10BU013 | 1.36                         | 0.30 | 0.00 | 2.50 | 0.00      | 0.00        | 1.96   | 6.12       | 1.95                        | 0.32 | 0.00 | 2.50 | 0.00      | 0.00        | 3.11   | 7.88       |
|            | L10RM004 | 2.57                         | 0.57 | 0.00 | 0.40 | 0.00      | 0.00        | 3.69   | 7.23       | 3.67                        | 0.59 | 0.00 | 0.40 | 0.00      | 0.00        | 5.86   | 10.52      |
|            | L10VE002 | 0.91                         | 0.20 | 2.86 | 1.10 | 0.02      | 0.00        | 1.30   | 6.39       | 1.29                        | 0.21 | 3.71 | 1.43 | 0.02      | 0.00        | 2.07   | 8.73       |
|            | L10VE005 | 0.67                         | 0.15 | 1.09 | 0.42 | 0.03      | 0.01        | 0.97   | 3.34       | 0.96                        | 0.16 | 1.42 | 0.55 | 0.03      | 0.01        | 1.54   | 4.67       |
|            | L10VE006 | 1.62                         | 0.36 | 1.09 | 0.42 | 0.03      | 0.01        | 2.34   | 5.87       | 2.32                        | 0.38 | 1.42 | 0.55 | 0.03      | 0.01        | 3.71   | 8.42       |
|            | L10VE007 | 1.58                         | 0.35 | 0.00 | 1.50 | 0.00      | 0.00        | 2.28   | 5.71       | 2.26                        | 0.37 | 0.00 | 1.50 | 0.00      | 0.00        | 3.62   | 7.75       |
|            | L10VE009 | 1.81                         | 0.41 | 5.46 | 2.10 | 0.03      | 0.01        | 2.60   | 12.42      | 2.58                        | 0.42 | 7.10 | 2.73 | 0.03      | 0.01        | 4.13   | 17.00      |
| L10VE010   | 0.88     | 0.20                         | 2.10 | 0.81 | 0.02 | 0.00      | 1.26        | 5.27   | 1.25       | 0.21                        | 2.73 | 1.05 | 0.03 | 0.01      | 2.01        | 7.29   |            |
| <b>L15</b> | L15EX001 | 3.86                         | 0.37 | 2.80 | 0.86 | 0.08      | 0.01        | 4.08   | 12.06      |                             |      |      |      |           |             |        |            |
|            | L15EX002 | 4.20                         | 0.40 | 0.79 | 0.24 | 0.08      | 0.01        | 4.44   | 10.16      |                             |      |      |      |           |             |        |            |
|            | L15EX004 | 4.28                         | 0.41 | 0.96 | 0.30 | 0.08      | 0.01        | 4.53   | 10.57      |                             |      |      |      |           |             |        |            |
|            | L15EX008 | 6.31                         | 0.60 | 1.00 | 0.31 | 0.19      | 0.03        | 6.68   | 15.12      |                             |      |      |      |           |             |        |            |
|            | L15EX010 | 5.04                         | 0.48 | 6.05 | 1.86 | 0.08      | 0.01        | 5.33   | 18.85      |                             |      |      |      |           |             |        |            |
|            | L15EX011 | 5.19                         | 0.49 | 1.31 | 0.40 | 0.08      | 0.01        | 5.48   | 12.96      |                             |      |      |      |           |             |        |            |
|            | L15EX012 | 5.58                         | 0.54 | 4.26 | 1.31 | 0.19      | 0.03        | 5.91   | 17.82      |                             |      |      |      |           |             |        |            |
|            | L15EX013 | 6.29                         | 0.60 | 7.28 | 2.24 | 0.13      | 0.02        | 6.65   | 23.21      |                             |      |      |      |           |             |        |            |
|            | L15EX014 | 1.03                         | 0.10 | 2.24 | 0.69 | 0.05      | 0.01        | 1.09   | 5.21       |                             |      |      |      |           |             |        |            |
|            | L15EX015 | 1.55                         | 0.15 | 2.46 | 0.76 | 0.10      | 0.02        | 1.65   | 6.69       |                             |      |      |      |           |             |        |            |
|            | L15EX016 | 2.32                         | 0.23 | 2.80 | 0.86 | 0.10      | 0.02        | 2.46   | 8.79       |                             |      |      |      |           |             |        |            |
|            | L15FG001 | 9.25                         | 0.86 | 3.75 | 1.15 | 0.00      | 0.00        | 9.75   | 24.76      |                             |      |      |      |           |             |        |            |
|            | L15TO001 | 0.17                         | 0.02 | 0.67 | 0.21 | 0.00      | 0.00        | 0.18   | 1.25       |                             |      |      |      |           |             |        |            |
|            | L15TO002 | 0.44                         | 0.04 | 0.90 | 0.28 | 0.04      | 0.01        | 0.47   | 2.18       |                             |      |      |      |           |             |        |            |
|            | L15TO003 | 0.89                         | 0.09 | 1.90 | 0.58 | 0.04      | 0.01        | 0.95   | 4.46       |                             |      |      |      |           |             |        |            |



**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>L15</b> | <i>cont.</i> |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | L15TO004     | 0.94                         | 0.09 | 1.90  | 0.58 | 0.04      | 0.01        | 1.00   | 4.56       |                             |      |      |      |           |             |        |            |
|            | L15TO005     | 3.87                         | 0.37 | 0.79  | 0.24 | 0.08      | 0.01        | 4.09   | 9.45       |                             |      |      |      |           |             |        |            |
|            | L15TO006     | 3.15                         | 0.30 | 2.58  | 0.79 | 0.08      | 0.01        | 3.33   | 10.24      |                             |      |      |      |           |             |        |            |
|            | L15TO007     | 3.47                         | 0.33 | 5.04  | 1.55 | 0.08      | 0.01        | 3.67   | 14.15      |                             |      |      |      |           |             |        |            |
|            | L15TO008     | 4.39                         | 0.42 | 0.86  | 0.26 | 0.08      | 0.01        | 4.64   | 10.66      |                             |      |      |      |           |             |        |            |
|            | L15WI001     | 1.40                         | 0.13 | 0.00  | 0.00 | 0.03      | 0.01        | 1.48   | 3.05       |                             |      |      |      |           |             |        |            |
| <b>L20</b> | L20AB012     | 1.48                         | 0.30 | 0.44  | 0.14 | 0.05      | 0.01        | 3.80   | 6.22       |                             |      |      |      |           |             |        |            |
|            | L20AB013     | 1.25                         | 0.25 | 0.61  | 0.19 | 0.03      | 0.01        | 3.22   | 5.56       |                             |      |      |      |           |             |        |            |
|            | L20AB014     | 1.12                         | 0.23 | 0.44  | 0.14 | 0.03      | 0.01        | 2.89   | 4.86       |                             |      |      |      |           |             |        |            |
|            | L20AB015     | 0.58                         | 0.12 | 0.00  | 0.00 | 0.03      | 0.01        | 1.50   | 2.24       |                             |      |      |      |           |             |        |            |
|            | L20AB016     | 0.61                         | 0.13 | 0.00  | 0.00 | 0.03      | 0.01        | 1.58   | 2.36       |                             |      |      |      |           |             |        |            |
|            | L20AI001     | 0.43                         | 0.09 | 0.48  | 0.15 | 0.01      | 0.00        | 1.11   | 2.27       |                             |      |      |      |           |             |        |            |
|            | L20AI002     | 1.54                         | 0.31 | 0.41  | 0.13 | 0.03      | 0.01        | 3.95   | 6.38       |                             |      |      |      |           |             |        |            |
|            | L20AI003     | 1.71                         | 0.35 | 0.59  | 0.18 | 0.03      | 0.01        | 4.40   | 7.27       |                             |      |      |      |           |             |        |            |
|            | L20AI004     | 2.29                         | 0.46 | 0.57  | 0.18 | 0.03      | 0.01        | 5.87   | 9.41       |                             |      |      |      |           |             |        |            |
|            | <b>L25</b>   | L25MB001                     | 0.22 | 0.04  | 0.60 | 0.93      | 0.00        | 0.00   | 0.44       | 2.23                        |      |      |      |           |             |        |            |
| L25MB002   |              | 0.29                         | 0.06 | 0.60  | 1.18 | 0.00      | 0.00        | 0.60   | 2.73       |                             |      |      |      |           |             |        |            |
| L25MB003   |              | 0.96                         | 0.19 | 1.19  | 1.62 | 0.00      | 0.00        | 1.96   | 5.92       |                             |      |      |      |           |             |        |            |
| L25MB004   |              | 8.75                         | 1.77 | 22.61 | 8.46 | 0.27      | 0.05        | 17.99  | 59.90      |                             |      |      |      |           |             |        |            |
| L25MB005   |              | 0.42                         | 0.08 | 1.19  | 1.37 | 0.00      | 0.00        | 0.86   | 3.92       |                             |      |      |      |           |             |        |            |
| L25MB006   |              | 6.88                         | 1.38 | 7.14  | 3.45 | 0.00      | 0.00        | 14.09  | 32.94      |                             |      |      |      |           |             |        |            |
| L25MB007   |              | 3.14                         | 0.63 | 2.74  | 1.84 | 0.00      | 0.00        | 6.42   | 14.77      |                             |      |      |      |           |             |        |            |
| L25MB008   |              | 16.22                        | 3.29 | 22.61 | 8.46 | 0.53      | 0.10        | 33.34  | 84.55      |                             |      |      |      |           |             |        |            |
| <b>L30</b> | L30KL001     | 2.12                         | 0.50 | 0.28  | 0.10 | 0.29      | 0.05        | 3.44   | 6.78       | 2.66                        | 0.52 | 0.37 | 0.13 | 0.36      | 0.07        | 4.74   | 8.85       |
|            | L30KL002     | 0.67                         | 0.15 | 0.14  | 0.05 | 0.00      | 0.00        | 1.07   | 2.08       | 0.84                        | 0.15 | 0.18 | 0.06 | 0.00      | 0.00        | 1.48   | 2.71       |
|            | L30KL003     | 0.86                         | 0.19 | 0.08  | 0.03 | 0.00      | 0.00        | 1.38   | 2.54       | 1.08                        | 0.20 | 0.11 | 0.04 | 0.00      | 0.00        | 1.89   | 3.32       |
|            | L30KL004     | 0.13                         | 0.03 | 0.00  | 0.00 | 0.00      | 0.00        | 0.21   | 0.37       | 0.17                        | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.29   | 0.49       |
|            | L30KL005     | 0.68                         | 0.15 | 0.00  | 0.00 | 0.00      | 0.00        | 1.08   | 1.91       | 0.85                        | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 1.49   | 2.49       |
|            | L30KL006     | 0.52                         | 0.12 | 0.08  | 0.03 | 0.00      | 0.00        | 0.83   | 1.58       | 0.65                        | 0.12 | 0.11 | 0.04 | 0.00      | 0.00        | 1.14   | 2.06       |
|            | L30KL007     | 0.71                         | 0.16 | 0.14  | 0.05 | 0.00      | 0.00        | 1.13   | 2.19       | 0.88                        | 0.16 | 0.18 | 0.06 | 0.00      | 0.00        | 1.55   | 2.83       |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>L30</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | L30KL008     | 0.99                         | 0.22 | 0.14 | 0.05 | 0.00      | 0.00        | 1.59   | 2.99       | 1.24                        | 0.23 | 0.18 | 0.06 | 0.00      | 0.00        | 2.19   | 3.90       |
|            | L30KL009     | 0.10                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.16   | 0.28       | 0.13                        | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.23   | 0.38       |
|            | L30KL010     | 2.24                         | 0.53 | 0.55 | 0.20 | 0.32      | 0.06        | 3.63   | 7.53       | 2.80                        | 0.54 | 0.74 | 0.27 | 0.41      | 0.07        | 4.99   | 9.82       |
|            | L30KL011     | 0.79                         | 0.18 | 0.22 | 0.08 | 0.00      | 0.00        | 1.26   | 2.53       | 0.98                        | 0.18 | 0.30 | 0.11 | 0.00      | 0.00        | 1.73   | 3.30       |
|            | L30KL012     | 0.95                         | 0.21 | 0.14 | 0.05 | 0.00      | 0.00        | 1.52   | 2.87       | 1.19                        | 0.22 | 0.18 | 0.06 | 0.00      | 0.00        | 2.10   | 3.75       |
|            | L30KL013     | 0.13                         | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.21   | 0.37       | 0.17                        | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.29   | 0.49       |
|            | L30KL014     | 0.68                         | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 1.08   | 1.91       | 0.85                        | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 1.49   | 2.49       |
|            | L30KL015     | 0.63                         | 0.14 | 0.08 | 0.03 | 0.00      | 0.00        | 1.01   | 1.89       | 0.79                        | 0.14 | 0.11 | 0.04 | 0.00      | 0.00        | 1.39   | 2.47       |
|            | L30KL016     | 0.86                         | 0.19 | 0.14 | 0.05 | 0.00      | 0.00        | 1.38   | 2.62       | 1.08                        | 0.20 | 0.18 | 0.06 | 0.00      | 0.00        | 1.90   | 3.42       |
|            | L30KL017     | 1.17                         | 0.26 | 0.22 | 0.08 | 0.00      | 0.00        | 1.87   | 3.60       | 1.46                        | 0.27 | 0.30 | 0.11 | 0.00      | 0.00        | 2.57   | 4.71       |
|            | L30KL018     | 0.10                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.16   | 0.28       | 0.13                        | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.23   | 0.38       |
|            | L30KL019     | 2.71                         | 0.64 | 0.83 | 0.30 | 0.36      | 0.07        | 4.39   | 9.30       | 3.39                        | 0.66 | 1.11 | 0.40 | 0.46      | 0.08        | 6.04   | 12.14      |
|            | L30KL020     | 0.83                         | 0.19 | 0.25 | 0.09 | 0.00      | 0.00        | 1.33   | 2.69       | 1.04                        | 0.19 | 0.33 | 0.12 | 0.00      | 0.00        | 1.83   | 3.51       |
|            | L30KL021     | 1.03                         | 0.23 | 0.19 | 0.07 | 0.00      | 0.00        | 1.65   | 3.17       | 1.29                        | 0.23 | 0.26 | 0.09 | 0.00      | 0.00        | 2.27   | 4.14       |
|            | L30KL022     | 0.13                         | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.21   | 0.37       | 0.17                        | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.29   | 0.49       |
|            | L30KL023     | 0.68                         | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 1.08   | 1.91       | 0.85                        | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 1.49   | 2.49       |
|            | L30KL024     | 0.71                         | 0.16 | 0.14 | 0.05 | 0.00      | 0.00        | 1.14   | 2.20       | 0.89                        | 0.16 | 0.18 | 0.06 | 0.00      | 0.00        | 1.57   | 2.86       |
|            | L30KL025     | 0.99                         | 0.22 | 0.22 | 0.08 | 0.00      | 0.00        | 1.58   | 3.09       | 1.23                        | 0.22 | 0.30 | 0.11 | 0.00      | 0.00        | 2.17   | 4.03       |
|            | L30KL026     | 1.14                         | 0.25 | 0.22 | 0.08 | 0.00      | 0.00        | 1.83   | 3.52       | 1.43                        | 0.26 | 0.30 | 0.11 | 0.00      | 0.00        | 2.52   | 4.62       |
|            | L30KL027     | 0.10                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.16   | 0.28       | 0.13                        | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.23   | 0.38       |
|            | L30KL028     | 2.92                         | 0.69 | 1.11 | 0.40 | 0.39      | 0.07        | 4.73   | 10.31      | 3.65                        | 0.71 | 1.48 | 0.53 | 0.52      | 0.09        | 6.51   | 13.49      |
|            | L30KL029     | 1.02                         | 0.23 | 0.30 | 0.11 | 0.00      | 0.00        | 1.63   | 3.29       | 1.27                        | 0.23 | 0.41 | 0.15 | 0.00      | 0.00        | 2.24   | 4.30       |
|            | L30KL030     | 1.03                         | 0.23 | 0.25 | 0.09 | 0.00      | 0.00        | 1.65   | 3.25       | 1.29                        | 0.24 | 0.33 | 0.12 | 0.00      | 0.00        | 2.27   | 4.25       |
|            | L30KL031     | 0.13                         | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.21   | 0.37       | 0.17                        | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.29   | 0.49       |
|            | L30KL032     | 0.68                         | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 1.08   | 1.91       | 0.85                        | 0.15 | 0.00 | 0.00 | 0.00      | 0.00        | 1.49   | 2.49       |
|            | L30KL033     | 0.92                         | 0.21 | 0.14 | 0.05 | 0.00      | 0.00        | 1.48   | 2.80       | 1.16                        | 0.21 | 0.18 | 0.06 | 0.00      | 0.00        | 2.03   | 3.64       |
|            | L30KL034     | 1.09                         | 0.24 | 0.22 | 0.08 | 0.00      | 0.00        | 1.74   | 3.37       | 1.36                        | 0.25 | 0.30 | 0.11 | 0.00      | 0.00        | 2.39   | 4.41       |
|            | L30KL035     | 1.66                         | 0.37 | 0.28 | 0.10 | 0.00      | 0.00        | 2.66   | 5.07       | 2.08                        | 0.38 | 0.37 | 0.13 | 0.00      | 0.00        | 3.66   | 6.62       |
|            | L30KL036     | 0.10                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.16   | 0.28       | 0.13                        | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.23   | 0.38       |
|            | L30KL037     | 3.88                         | 0.91 | 1.39 | 0.50 | 0.50      | 0.09        | 6.28   | 13.55      | 4.85                        | 0.93 | 1.85 | 0.66 | 0.67      | 0.12        | 8.63   | 17.71      |
|            | L30KL038     | 1.41                         | 0.31 | 0.42 | 0.15 | 0.00      | 0.00        | 2.26   | 4.55       | 1.77                        | 0.32 | 0.55 | 0.20 | 0.00      | 0.00        | 3.11   | 5.95       |
|            | L30KL039     | 1.36                         | 0.30 | 0.28 | 0.10 | 0.00      | 0.00        | 2.17   | 4.21       | 1.69                        | 0.31 | 0.37 | 0.13 | 0.00      | 0.00        | 2.98   | 5.48       |
|            | L30KL040     | 0.13                         | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.21   | 0.37       | 0.17                        | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.29   | 0.49       |
|            | L30KL041     | 0.80                         | 0.18 | 0.00 | 0.00 | 0.00      | 0.00        | 1.29   | 2.27       | 1.01                        | 0.18 | 0.00 | 0.00 | 0.00      | 0.00        | 1.77   | 2.96       |
|            | L30KL042     | 1.07                         | 0.24 | 0.22 | 0.08 | 0.00      | 0.00        | 1.72   | 3.33       | 1.34                        | 0.24 | 0.30 | 0.11 | 0.00      | 0.00        | 2.36   | 4.35       |

Table 2-2 . HOURLY RATE ELEMENTS

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |       |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>L30</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |       |      |           |             |        |            |
|            | L30KL043     | 1.95                         | 0.43 | 0.28 | 0.10 | 0.00      | 0.00        | 3.12   | 5.88       | 2.44                        | 0.44 | 0.37  | 0.13 | 0.00      | 0.00        | 4.29   | 7.67       |
|            | L30KL044     | 2.20                         | 0.49 | 0.28 | 0.10 | 0.00      | 0.00        | 3.52   | 6.59       | 2.75                        | 0.50 | 0.37  | 0.13 | 0.00      | 0.00        | 4.84   | 8.59       |
|            | L30KL045     | 0.10                         | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.16   | 0.28       | 0.13                        | 0.02 | 0.00  | 0.00 | 0.00      | 0.00        | 0.23   | 0.38       |
|            | L30KL046     | 16.13                        | 3.66 | 3.46 | 1.24 | 0.64      | 0.12        | 25.90  | 51.15      | 20.16                       | 3.74 | 4.62  | 1.66 | 0.82      | 0.15        | 35.61  | 66.76      |
|            | L30KL047     | 17.91                        | 4.06 | 5.13 | 1.84 | 0.70      | 0.13        | 28.76  | 58.53      | 22.39                       | 4.15 | 6.84  | 2.46 | 0.92      | 0.17        | 39.55  | 76.48      |
|            | L30KL048     | 18.42                        | 4.20 | 5.13 | 1.84 | 0.95      | 0.17        | 29.61  | 60.32      | 23.03                       | 4.29 | 6.84  | 2.46 | 1.30      | 0.24        | 40.71  | 78.87      |
|            | L30KL049     | 21.18                        | 4.82 | 8.04 | 2.89 | 1.09      | 0.20        | 34.04  | 72.26      | 26.48                       | 4.93 | 10.72 | 3.85 | 1.49      | 0.27        | 46.81  | 94.55      |
|            | L30KL050     | 19.86                        | 4.49 | 5.13 | 1.84 | 0.64      | 0.12        | 31.87  | 63.95      | 24.82                       | 4.59 | 6.84  | 2.46 | 0.82      | 0.15        | 43.82  | 83.50      |
|            | L30KL051     | 20.97                        | 4.74 | 5.13 | 1.84 | 0.70      | 0.13        | 33.66  | 67.17      | 26.22                       | 4.85 | 6.84  | 2.46 | 0.92      | 0.17        | 46.29  | 87.75      |
|            | L30KL052     | 23.69                        | 5.37 | 8.04 | 2.89 | 0.95      | 0.17        | 38.04  | 79.15      | 29.62                       | 5.49 | 10.72 | 3.85 | 1.30      | 0.24        | 52.31  | 103.53     |
|            | L30KL053     | 26.19                        | 5.94 | 8.04 | 2.89 | 1.09      | 0.20        | 42.06  | 86.41      | 32.74                       | 6.07 | 10.72 | 3.85 | 1.49      | 0.27        | 57.84  | 112.98     |
|            | L30KL054     | 1.42                         | 0.32 | 0.22 | 0.08 | 0.00      | 0.00        | 2.28   | 4.32       | 1.78                        | 0.32 | 0.30  | 0.11 | 0.00      | 0.00        | 3.13   | 5.64       |
|            | L30KL055     | 2.39                         | 0.53 | 0.42 | 0.15 | 0.00      | 0.00        | 3.82   | 7.31       | 2.99                        | 0.54 | 0.55  | 0.20 | 0.00      | 0.00        | 5.26   | 9.54       |
|            | L30KL056     | 2.58                         | 0.57 | 0.42 | 0.15 | 0.00      | 0.00        | 4.13   | 7.85       | 3.23                        | 0.59 | 0.55  | 0.20 | 0.00      | 0.00        | 5.68   | 10.25      |
|            | L30KL057     | 2.36                         | 0.53 | 0.42 | 0.15 | 0.00      | 0.00        | 3.77   | 7.23       | 2.95                        | 0.54 | 0.55  | 0.20 | 0.00      | 0.00        | 5.19   | 9.43       |
|            | L30MO001     | 2.75                         | 0.63 | 2.73 | 0.98 | 0.10      | 0.02        | 4.42   | 11.63      | 3.44                        | 0.64 | 3.57  | 1.28 | 0.10      | 0.02        | 6.08   | 15.13      |
| L30MO002   | 2.88         | 0.65                         | 2.73 | 0.98 | 0.10 | 0.02      | 4.63        | 11.99  | 3.60       | 0.67                        | 3.57 | 1.28  | 0.10 | 0.02      | 6.37        | 15.61  |            |
| L30MX008   | 1.94         | 0.43                         | 0.00 | 0.75 | 0.00 | 0.00      | 3.10        | 6.22   | 2.43       | 0.44                        | 0.00 | 0.75  | 0.00 | 0.00      | 4.27        | 7.89   |            |
| <b>L35</b> | L35CA005     | 15.78                        | 2.87 | 3.63 | 1.77 | 0.00      | 0.00        | 34.02  | 58.07      | 21.04                       | 2.98 | 4.74  | 2.31 | 0.00      | 0.00        | 47.04  | 78.11      |
|            | L35CA006     | 20.39                        | 3.71 | 4.84 | 2.36 | 0.00      | 0.00        | 43.97  | 75.27      | 27.19                       | 3.85 | 6.32  | 3.08 | 0.00      | 0.00        | 60.80  | 101.24     |
|            | L35CA007     | 31.12                        | 5.67 | 6.35 | 3.09 | 0.00      | 0.00        | 67.10  | 113.33     | 41.49                       | 5.88 | 8.29  | 4.04 | 0.00      | 0.00        | 92.79  | 152.49     |
|            | L35CA008     | 7.10                         | 1.29 | 2.12 | 1.03 | 0.00      | 0.00        | 15.30  | 26.84      | 9.46                        | 1.34 | 2.76  | 1.35 | 0.00      | 0.00        | 21.16  | 36.07      |
|            | L35CA009     | 7.71                         | 1.41 | 2.12 | 1.03 | 0.00      | 0.00        | 16.63  | 28.90      | 10.28                       | 1.46 | 2.76  | 1.35 | 0.00      | 0.00        | 23.00  | 38.85      |
|            | L35CA010     | 9.01                         | 1.64 | 2.72 | 1.33 | 0.00      | 0.00        | 19.44  | 34.14      | 12.02                       | 1.70 | 3.55  | 1.73 | 0.00      | 0.00        | 26.88  | 45.88      |
|            | L35FI006     | 14.04                        | 2.56 | 3.87 | 1.89 | 0.00      | 0.00        | 30.28  | 52.64      | 18.72                       | 2.65 | 5.05  | 2.46 | 0.00      | 0.00        | 41.87  | 70.75      |
|            | L35FI007     | 16.34                        | 2.98 | 5.14 | 2.51 | 0.00      | 0.00        | 35.23  | 62.20      | 21.78                       | 3.09 | 6.71  | 3.27 | 0.00      | 0.00        | 48.72  | 83.57      |
|            | L35ID003     | 17.64                        | 3.21 | 4.23 | 2.06 | 0.00      | 0.00        | 38.03  | 65.17      | 23.52                       | 3.33 | 5.53  | 2.70 | 0.00      | 0.00        | 52.59  | 87.67      |
|            | L35JD002     | 7.61                         | 1.39 | 2.12 | 1.03 | 0.00      | 0.00        | 16.41  | 28.56      | 10.15                       | 1.44 | 2.76  | 1.35 | 0.00      | 0.00        | 22.70  | 38.40      |
|            | L35JD003     | 9.83                         | 1.79 | 2.72 | 1.33 | 0.00      | 0.00        | 21.20  | 36.87      | 13.11                       | 1.86 | 3.55  | 1.73 | 0.00      | 0.00        | 29.32  | 49.57      |
|            | L35KM005     | 22.68                        | 4.13 | 4.84 | 2.36 | 0.00      | 0.00        | 48.91  | 82.92      | 30.25                       | 4.29 | 6.32  | 3.08 | 0.00      | 0.00        | 67.64  | 111.58     |
|            | L35KM006     | 28.20                        | 5.14 | 6.05 | 2.95 | 0.00      | 0.00        | 60.82  | 103.16     | 37.61                       | 5.33 | 7.90  | 3.85 | 0.00      | 0.00        | 84.10  | 138.79     |
|            | L35TK001     | 3.50                         | 0.64 | 1.84 | 0.90 | 0.00      | 0.00        | 7.55   | 14.43      | 4.67                        | 0.66 | 2.41  | 1.17 | 0.00      | 0.00        | 10.43  | 19.34      |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |          | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |
|------------|----------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.  | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>L40</b> | L40CA005 | 14.10                        | 3.63  | 4.71  | 2.54 | 2.72      | 0.49        | 16.90  | 45.09      | 17.62                       | 3.70  | 6.28  | 3.38  | 5.18      | 0.94        | 22.63  | 59.73      |
|            | L40CA006 | 19.64                        | 5.06  | 6.10  | 3.29 | 3.76      | 0.68        | 23.55  | 62.08      | 24.55                       | 5.16  | 8.13  | 4.38  | 7.17      | 1.30        | 31.52  | 82.21      |
|            | L40CA007 | 22.63                        | 6.08  | 8.32  | 3.20 | 4.88      | 0.89        | 23.80  | 69.80      | 29.42                       | 6.23  | 11.09 | 4.27  | 9.32      | 1.69        | 33.13  | 95.15      |
|            | L40CA008 | 33.18                        | 8.98  | 11.92 | 4.59 | 8.53      | 1.55        | 34.93  | 103.68     | 43.14                       | 9.20  | 15.89 | 6.11  | 16.29     | 2.96        | 48.63  | 142.22     |
|            | L40CA009 | 69.98                        | 18.98 | 22.18 | 8.53 | 18.68     | 3.39        | 73.69  | 215.43     | 90.97                       | 19.44 | 29.57 | 11.38 | 35.66     | 6.47        | 102.59 | 296.08     |
|            | L40CA012 | 9.51                         | 2.39  | 3.46  | 1.86 | 0.90      | 0.16        | 12.13  | 30.41      | 11.89                       | 2.44  | 4.62  | 2.49  | 1.73      | 0.31        | 16.17  | 39.65      |
|            | L40CA013 | 6.99                         | 1.77  | 2.49  | 1.34 | 0.83      | 0.15        | 8.94   | 22.51      | 8.74                        | 1.80  | 3.33  | 1.79  | 1.58      | 0.29        | 11.91  | 29.44      |
|            | L40CA015 | 9.57                         | 2.41  | 3.46  | 1.86 | 0.90      | 0.16        | 11.40  | 29.76      | 11.96                       | 2.45  | 4.62  | 2.49  | 1.73      | 0.31        | 15.26  | 38.82      |
|            | L40CA016 | 14.91                        | 3.83  | 5.54  | 2.98 | 2.72      | 0.49        | 17.87  | 48.34      | 18.64                       | 3.91  | 7.39  | 3.98  | 5.18      | 0.94        | 23.92  | 63.96      |
|            | L40CA017 | 18.58                        | 4.95  | 6.93  | 2.67 | 3.14      | 0.57        | 19.51  | 56.35      | 24.16                       | 5.07  | 9.24  | 3.56  | 5.99      | 1.09        | 27.17  | 76.28      |
|            | L40CA018 | 54.53                        | 14.83 | 17.32 | 6.66 | 15.37     | 2.79        | 57.45  | 168.95     | 70.89                       | 15.19 | 23.10 | 8.89  | 29.34     | 5.33        | 79.98  | 232.72     |
|            | L40CA019 | 6.57                         | 1.67  | 2.49  | 1.34 | 0.83      | 0.15        | 7.85   | 20.90      | 8.22                        | 1.70  | 3.33  | 1.79  | 1.58      | 0.29        | 10.51  | 27.42      |
|            | L40CA020 | 7.86                         | 1.99  | 2.91  | 1.57 | 0.90      | 0.16        | 9.37   | 24.76      | 9.82                        | 2.02  | 3.88  | 2.09  | 1.73      | 0.31        | 12.54  | 32.39      |
|            | L40CA021 | 10.49                        | 2.70  | 4.02  | 2.17 | 1.92      | 0.35        | 12.57  | 34.22      | 13.12                       | 2.75  | 5.36  | 2.89  | 3.67      | 0.67        | 16.83  | 45.29      |
|            | L40CS009 | 8.49                         | 2.19  | 3.49  | 1.88 | 1.67      | 0.30        | 10.18  | 28.20      | 10.61                       | 2.23  | 4.66  | 2.51  | 3.19      | 0.58        | 13.63  | 37.41      |
|            | L40CS010 | 10.74                        | 2.74  | 3.88  | 2.09 | 1.67      | 0.30        | 12.84  | 34.26      | 13.42                       | 2.79  | 5.17  | 2.79  | 3.19      | 0.58        | 17.19  | 45.13      |
|            | L40CS011 | 13.88                        | 3.57  | 4.71  | 2.54 | 2.58      | 0.47        | 16.63  | 44.38      | 17.35                       | 3.64  | 6.28  | 3.38  | 4.92      | 0.89        | 22.27  | 58.73      |
|            | L40CS012 | 15.97                        | 4.31  | 6.87  | 2.64 | 3.76      | 0.68        | 16.80  | 51.03      | 20.76                       | 4.41  | 9.17  | 3.53  | 7.17      | 1.30        | 23.39  | 69.73      |
|            | L40CS014 | 1.81                         | 0.31  | 0.76  | 0.41 | 0.11      | 0.02        | 2.16   | 5.58       |                             |       |       |       |           |             |        |            |
|            | L40CS015 | 1.99                         | 0.34  | 4.70  | 1.93 | 0.19      | 0.03        | 2.39   | 11.57      |                             |       |       |       |           |             |        |            |
|            | L40CS016 | 2.25                         | 0.38  | 1.39  | 0.75 | 0.19      | 0.03        | 2.69   | 7.68       |                             |       |       |       |           |             |        |            |
|            | L40CS017 | 2.51                         | 0.43  | 1.51  | 0.81 | 0.19      | 0.03        | 3.01   | 8.49       |                             |       |       |       |           |             |        |            |
|            | L40CS018 | 2.90                         | 0.50  | 1.69  | 0.91 | 0.28      | 0.05        | 3.47   | 9.80       |                             |       |       |       |           |             |        |            |
|            | L40FI002 | 6.43                         | 1.63  | 2.49  | 1.34 | 0.83      | 0.15        | 7.67   | 20.54      | 8.03                        | 1.66  | 3.33  | 1.79  | 1.58      | 0.29        | 10.27  | 26.95      |
|            | L40FI012 | 7.54                         | 1.92  | 3.55  | 1.91 | 0.83      | 0.15        | 9.01   | 24.91      | 9.43                        | 1.95  | 4.73  | 2.55  | 1.51      | 0.27        | 12.06  | 32.50      |
|            | L40FI013 | 10.49                        | 2.70  | 3.85  | 2.07 | 1.54      | 0.28        | 12.57  | 33.50      | 13.12                       | 2.75  | 5.14  | 2.77  | 2.83      | 0.51        | 16.83  | 43.95      |
|            | L40FI014 | 8.61                         | 2.24  | 4.44  | 2.39 | 1.54      | 0.28        | 10.35  | 29.85      | 10.77                       | 2.28  | 5.91  | 3.18  | 2.83      | 0.51        | 13.85  | 39.33      |
|            | L40FI015 | 12.36                        | 3.20  | 5.24  | 2.82 | 2.06      | 0.37        | 14.84  | 40.89      | 15.45                       | 3.26  | 6.99  | 3.77  | 3.78      | 0.69        | 19.86  | 53.80      |
|            | L40FI016 | 10.48                        | 2.74  | 5.27  | 2.84 | 2.06      | 0.37        | 12.60  | 36.36      | 13.10                       | 2.79  | 7.02  | 3.78  | 3.78      | 0.69        | 16.87  | 48.03      |
|            | L40FI017 | 13.61                        | 3.65  | 6.65  | 2.56 | 2.29      | 0.42        | 14.31  | 43.49      | 17.69                       | 3.74  | 8.87  | 3.41  | 4.18      | 0.76        | 19.92  | 58.57      |
|            | L40HU001 | 5.71                         | 1.47  | 3.60  | 1.94 | 0.83      | 0.15        | 6.83   | 20.53      | 7.13                        | 1.49  | 4.80  | 2.59  | 1.51      | 0.27        | 9.15   | 26.94      |
|            | L40HU002 | 6.99                         | 1.84  | 4.74  | 2.55 | 1.60      | 0.29        | 8.43   | 26.44      | 8.73                        | 1.88  | 6.32  | 3.40  | 2.93      | 0.53        | 11.28  | 35.07      |
| L40HU003   | 10.73    | 2.96                         | 7.35  | 2.83  | 3.10 | 0.56      | 11.33       | 38.86  | 13.95      | 3.03                        | 9.79  | 3.77  | 5.69  | 1.03      | 15.78       | 53.04  |            |
| L40ID007   | 35.82    | 9.56                         | 11.50 | 4.43  | 6.53 | 1.19      | 37.63       | 106.66 | 46.57      | 9.79                        | 15.34 | 5.90  | 12.46 | 2.26      | 52.39       | 144.71 |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>L40</b> | <i>cont.</i> |                              |       |       |      |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | L40ID010     | 6.34                         | 1.60  | 2.58  | 1.39 | 0.73      | 0.13        | 7.56   | 20.33      | 7.93                        | 1.63  | 3.44  | 1.85  | 1.39      | 0.25        | 10.13  | 26.62      |
|            | L40ID011     | 8.19                         | 2.09  | 3.19  | 1.72 | 1.27      | 0.23        | 9.79   | 26.48      | 10.23                       | 2.13  | 4.25  | 2.29  | 2.43      | 0.44        | 13.11  | 34.88      |
|            | L40ID012     | 9.89                         | 2.49  | 3.99  | 2.15 | 1.03      | 0.19        | 11.79  | 31.53      | 12.37                       | 2.54  | 5.32  | 2.87  | 1.97      | 0.36        | 15.79  | 41.22      |
|            | L40ID015     | 66.76                        | 17.88 | 16.35 | 6.29 | 13.42     | 2.44        | 70.17  | 193.31     | 86.79                       | 18.31 | 21.81 | 8.39  | 25.62     | 4.65        | 97.69  | 263.26     |
|            | L40JC004     | 4.45                         | 1.14  | 2.77  | 1.49 | 0.77      | 0.14        | 5.70   | 16.46      | 5.56                        | 1.16  | 3.70  | 1.99  | 1.47      | 0.27        | 7.60   | 21.75      |
|            | L40JC005     | 4.81                         | 1.23  | 2.22  | 1.20 | 0.83      | 0.15        | 6.17   | 16.61      | 6.01                        | 1.26  | 2.96  | 1.59  | 1.58      | 0.29        | 8.22   | 21.91      |
|            | L40JC006     | 5.86                         | 1.48  | 2.22  | 1.20 | 0.62      | 0.11        | 7.48   | 18.97      | 7.33                        | 1.51  | 2.96  | 1.59  | 1.18      | 0.21        | 9.97   | 24.75      |
|            | L40JD001     | 6.62                         | 1.67  | 2.36  | 1.27 | 0.77      | 0.14        | 7.90   | 20.73      | 8.28                        | 1.71  | 3.14  | 1.69  | 1.47      | 0.27        | 10.58  | 27.14      |
|            | L40JD002     | 7.33                         | 1.85  | 2.77  | 1.49 | 0.83      | 0.15        | 8.74   | 23.16      | 9.16                        | 1.89  | 3.70  | 1.99  | 1.58      | 0.29        | 11.70  | 30.31      |
|            | L40JD003     | 8.55                         | 2.15  | 3.33  | 1.79 | 0.83      | 0.15        | 10.18  | 26.98      | 10.68                       | 2.19  | 4.44  | 2.39  | 1.58      | 0.29        | 13.63  | 35.20      |
|            | L40JD004     | 13.55                        | 3.43  | 4.71  | 2.54 | 1.67      | 0.30        | 16.17  | 42.37      | 16.94                       | 3.50  | 6.28  | 3.38  | 3.19      | 0.58        | 21.65  | 55.52      |
|            | L40JD006     | 17.16                        | 4.57  | 6.93  | 2.67 | 2.85      | 0.52        | 18.02  | 52.72      | 22.31                       | 4.68  | 9.24  | 3.56  | 5.45      | 0.99        | 25.09  | 71.32      |
|            | L40JD007     | 10.44                        | 2.67  | 4.02  | 2.17 | 1.67      | 0.30        | 12.49  | 33.76      | 13.06                       | 2.72  | 5.36  | 2.89  | 3.19      | 0.58        | 16.73  | 44.53      |
|            | L40KM001     | 7.92                         | 2.00  | 2.61  | 1.41 | 0.90      | 0.16        | 9.44   | 24.44      | 9.90                        | 2.04  | 3.47  | 1.87  | 1.73      | 0.31        | 12.64  | 31.96      |
|            | L40KM002     | 8.95                         | 2.25  | 3.27  | 1.76 | 0.90      | 0.16        | 10.67  | 27.96      | 11.19                       | 2.30  | 4.36  | 2.35  | 1.73      | 0.31        | 14.28  | 36.52      |
|            | L40KM003     | 10.45                        | 2.67  | 3.99  | 2.15 | 1.67      | 0.30        | 12.50  | 33.73      | 13.06                       | 2.72  | 5.32  | 2.87  | 3.19      | 0.58        | 16.74  | 44.48      |
|            | L40KM004     | 13.07                        | 3.31  | 4.60  | 2.48 | 1.67      | 0.30        | 15.60  | 41.03      | 16.33                       | 3.38  | 6.14  | 3.31  | 3.19      | 0.58        | 20.88  | 53.81      |
|            | L40KM005     | 15.38                        | 3.96  | 5.43  | 2.93 | 2.96      | 0.54        | 18.44  | 49.64      | 19.23                       | 4.04  | 7.24  | 3.90  | 5.65      | 1.03        | 24.68  | 65.77      |
|            | L40KM006     | 18.17                        | 4.65  | 6.21  | 3.35 | 2.96      | 0.54        | 21.74  | 57.62      | 22.71                       | 4.74  | 8.28  | 4.46  | 5.65      | 1.03        | 29.10  | 75.97      |
|            | L40KM007     | 18.14                        | 4.91  | 7.32  | 2.82 | 4.70      | 0.85        | 19.10  | 57.84      | 23.59                       | 5.03  | 9.76  | 3.76  | 8.97      | 1.63        | 26.60  | 79.34      |
|            | L40KM008     | 23.79                        | 6.37  | 8.07  | 3.11 | 4.70      | 0.85        | 25.00  | 71.89      | 30.92                       | 6.52  | 10.76 | 4.14  | 8.97      | 1.63        | 34.80  | 97.74      |
|            | L40KM009     | 35.76                        | 9.75  | 11.78 | 4.53 | 10.55     | 1.91        | 37.69  | 111.97     | 46.49                       | 9.99  | 15.71 | 6.04  | 20.14     | 3.66        | 52.48  | 154.51     |
|            | L40KM010     | 66.17                        | 17.73 | 17.77 | 6.84 | 13.42     | 2.44        | 69.55  | 193.92     | 86.02                       | 18.16 | 23.69 | 9.12  | 25.62     | 4.65        | 96.83  | 264.09     |
|            | L40KM011     | 85.29                        | 22.97 | 21.87 | 8.42 | 19.53     | 3.54        | 89.72  | 251.34     | 110.88                      | 23.52 | 29.16 | 11.22 | 37.28     | 6.77        | 124.91 | 343.74     |
|            | L40KU004     | 3.07                         | 0.77  | 1.19  | 0.64 | 0.22      | 0.04        | 3.65   | 9.58       | 3.84                        | 0.78  | 1.59  | 0.86  | 0.42      | 0.08        | 4.89   | 12.46      |
|            | L40KU006     | 3.55                         | 0.92  | 1.36  | 0.73 | 0.77      | 0.14        | 4.26   | 11.73      | 4.43                        | 0.94  | 1.81  | 0.98  | 1.47      | 0.27        | 5.70   | 15.60      |
|            | L40ME012     | 2.02                         | 0.34  | 1.32  | 0.71 | 0.12      | 0.02        | 2.42   | 6.95       |                             |       |       |       |           |             |        |            |
| L40ME015   | 0.91         | 0.16                         | 1.62  | 0.66  | 0.08 | 0.01      | 1.09        | 4.53   |            |                             |       |       |       |           |             |        |            |
| L40ME016   | 1.17         | 0.20                         | 0.47  | 0.25  | 0.08 | 0.01      | 1.40        | 3.58   |            |                             |       |       |       |           |             |        |            |
| L40ME017   | 1.50         | 0.26                         | 0.68  | 0.37  | 0.17 | 0.03      | 1.80        | 4.81   |            |                             |       |       |       |           |             |        |            |
| L40ME018   | 1.85         | 0.31                         | 1.15  | 0.62  | 0.12 | 0.02      | 2.21        | 6.28   |            |                             |       |       |       |           |             |        |            |
| L40ME019   | 2.72         | 0.47                         | 2.22  | 1.20  | 0.38 | 0.07      | 3.26        | 10.32  |            |                             |       |       |       |           |             |        |            |
| L40SS009   | 9.18         | 2.36                         | 4.82  | 2.60  | 1.34 | 0.24      | 10.99       | 31.53  | 11.47      | 2.40                        | 6.43  | 3.46  | 2.46  | 0.45      | 14.72       | 41.39  |            |
| L40SS010   | 11.44        | 2.97                         | 5.63  | 3.03  | 2.06 | 0.37      | 13.75       | 39.25  | 14.30      | 3.03                        | 7.50  | 4.04  | 3.78  | 0.69      | 18.40       | 51.74  |            |
| L40SS011   | 13.56        | 3.69                         | 7.32  | 2.82  | 3.01 | 0.55      | 14.29       | 45.24  | 17.63      | 3.77                        | 9.76  | 3.76  | 5.51  | 1.00      | 19.89       | 61.32  |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |          | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|----------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.  | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>L50</b> | L50CA001 | 5.11                         | 1.28 | 2.16 | 0.89 | 0.37      | 0.07        | 6.95   | 16.83      | 8.52                        | 1.35 | 2.88 | 1.18 | 0.51      | 0.09        | 12.32  | 26.85      |
|            | L50CA002 | 5.79                         | 1.45 | 2.33 | 0.96 | 0.37      | 0.07        | 7.88   | 18.85      | 9.66                        | 1.53 | 3.10 | 1.27 | 0.51      | 0.09        | 13.95  | 30.11      |
|            | L50CA003 | 6.13                         | 1.54 | 2.47 | 1.01 | 0.46      | 0.08        | 8.34   | 20.03      | 10.22                       | 1.63 | 3.29 | 1.35 | 0.64      | 0.12        | 14.78  | 32.03      |
|            | L50CA004 | 8.54                         | 2.16 | 3.05 | 1.25 | 0.76      | 0.14        | 11.64  | 27.54      | 14.24                       | 2.28 | 4.07 | 1.67 | 1.06      | 0.19        | 20.62  | 44.13      |
|            | L50CS004 | 4.96                         | 1.26 | 1.97 | 0.81 | 0.48      | 0.09        | 6.76   | 16.33      | 8.26                        | 1.32 | 2.62 | 1.08 | 0.66      | 0.12        | 11.97  | 26.03      |
|            | L50CS005 | 5.08                         | 1.29 | 2.38 | 0.98 | 0.48      | 0.09        | 6.92   | 17.22      | 8.46                        | 1.36 | 3.18 | 1.31 | 0.66      | 0.12        | 12.26  | 27.35      |
|            | L50CS006 | 6.01                         | 1.55 | 2.38 | 0.98 | 0.84      | 0.15        | 8.23   | 20.14      | 10.02                       | 1.63 | 3.18 | 1.31 | 1.17      | 0.21        | 14.58  | 32.10      |
|            | L50JC001 | 3.77                         | 0.98 | 1.66 | 0.68 | 0.72      | 0.13        | 5.18   | 13.12      | 6.29                        | 1.03 | 2.22 | 0.91 | 1.03      | 0.19        | 9.17   | 20.84      |
|            | L50JC002 | 4.69                         | 1.21 | 2.38 | 0.98 | 0.64      | 0.12        | 6.42   | 16.44      | 7.81                        | 1.27 | 3.18 | 1.31 | 0.87      | 0.16        | 11.37  | 25.97      |
|            | L50JC003 | 5.38                         | 1.37 | 2.55 | 1.05 | 0.61      | 0.11        | 7.33   | 18.40      | 8.96                        | 1.44 | 3.40 | 1.40 | 0.87      | 0.16        | 12.99  | 29.22      |
|            | L50JC004 | 5.37                         | 1.37 | 2.55 | 1.05 | 0.64      | 0.12        | 7.34   | 18.44      | 8.95                        | 1.45 | 3.40 | 1.40 | 0.87      | 0.16        | 13.00  | 29.23      |
|            | L50JC005 | 5.94                         | 1.50 | 2.55 | 1.05 | 0.61      | 0.11        | 8.09   | 19.85      | 9.89                        | 1.58 | 3.40 | 1.40 | 0.87      | 0.16        | 14.33  | 31.63      |
|            | L50JC006 | 7.12                         | 1.80 | 2.55 | 1.05 | 0.64      | 0.12        | 9.71   | 22.99      | 11.87                       | 1.90 | 3.40 | 1.40 | 0.87      | 0.16        | 17.20  | 36.80      |
|            | L50JC007 | 7.64                         | 1.94 | 2.55 | 1.05 | 0.85      | 0.15        | 10.42  | 24.60      | 12.74                       | 2.05 | 3.40 | 1.40 | 1.21      | 0.22        | 18.46  | 39.48      |
|            | L50JD001 | 4.73                         | 1.19 | 1.97 | 0.81 | 0.37      | 0.07        | 6.43   | 15.57      | 7.88                        | 1.25 | 2.62 | 1.08 | 0.51      | 0.09        | 11.40  | 24.83      |
|            | L50JD002 | 5.78                         | 1.45 | 2.49 | 1.02 | 0.45      | 0.08        | 7.86   | 19.13      | 9.63                        | 1.53 | 3.33 | 1.37 | 0.62      | 0.11        | 13.93  | 30.52      |
| L50JD003   | 6.61     | 1.66                         | 2.63 | 1.08 | 0.46 | 0.08      | 8.99        | 21.51  | 11.02      | 1.75                        | 3.51 | 1.44 | 0.64 | 0.12      | 15.93       | 34.41  |            |
| L50JD005   | 9.23     | 2.35                         | 3.19 | 1.31 | 1.02 | 0.19      | 12.60       | 29.89  | 15.39      | 2.48                        | 4.25 | 1.74 | 1.42 | 0.26      | 22.32       | 47.86  |            |
| <b>L55</b> | L55KN001 | 0.84                         | 0.12 | 0.00 | 0.52 | 0.00      | 0.00        | 1.35   | 2.83       |                             |      |      |      |           |             |        |            |
|            | L55KN002 | 1.72                         | 0.24 | 0.00 | 1.06 | 0.00      | 0.00        | 2.75   | 5.77       |                             |      |      |      |           |             |        |            |
|            | L55KN003 | 3.50                         | 0.50 | 0.00 | 2.01 | 0.00      | 0.00        | 5.61   | 11.62      |                             |      |      |      |           |             |        |            |
| <b>L60</b> | L60CA005 | 15.80                        | 2.76 | 5.27 | 1.89 | 2.25      | 0.41        | 18.97  | 47.35      | 18.06                       | 2.80 | 7.02 | 2.52 | 4.72      | 0.86        | 23.03  | 59.01      |
|            | L60CA009 | 15.93                        | 2.65 | 2.91 | 1.05 | 0.00      | 0.00        | 18.99  | 41.53      | 18.21                       | 2.69 | 3.88 | 1.39 | 0.00      | 0.00        | 23.05  | 49.22      |
|            | L60CA010 | 22.55                        | 3.75 | 4.16 | 1.49 | 0.00      | 0.00        | 26.87  | 58.82      | 25.77                       | 3.81 | 5.54 | 1.99 | 0.00      | 0.00        | 32.62  | 69.73      |
|            | L60CA011 | 26.18                        | 4.35 | 4.16 | 1.49 | 0.00      | 0.00        | 31.19  | 67.37      | 29.91                       | 4.43 | 5.54 | 1.99 | 0.00      | 0.00        | 37.87  | 79.74      |
|            | L60CA012 | 12.96                        | 2.23 | 3.88 | 1.39 | 1.05      | 0.19        | 15.52  | 37.22      | 14.81                       | 2.27 | 5.17 | 1.86 | 2.13      | 0.39        | 18.84  | 45.47      |
|            | L60CA013 | 16.07                        | 2.75 | 4.44 | 1.59 | 1.05      | 0.19        | 19.23  | 45.32      | 18.37                       | 2.79 | 5.91 | 2.12 | 2.13      | 0.39        | 23.35  | 55.06      |
|            | L60JD001 | 11.08                        | 1.93 | 3.35 | 1.20 | 1.47      | 0.27        | 13.30  | 32.60      | 12.67                       | 1.96 | 4.47 | 1.61 | 3.07      | 0.56        | 16.15  | 40.49      |
|            | L60JD002 | 12.82                        | 2.22 | 4.35 | 1.56 | 1.47      | 0.27        | 15.36  | 38.05      | 14.65                       | 2.25 | 5.80 | 2.08 | 3.07      | 0.56        | 18.65  | 47.06      |
|            | L60JD003 | 11.90                        | 2.07 | 3.35 | 1.20 | 1.65      | 0.30        | 14.29  | 34.76      | 13.60                       | 2.11 | 4.47 | 1.61 | 3.45      | 0.63        | 17.34  | 43.21      |
|            | L60JD004 | 14.28                        | 2.54 | 4.35 | 1.56 | 2.99      | 0.54        | 17.20  | 43.46      | 16.32                       | 2.59 | 5.80 | 2.08 | 6.26      | 1.14        | 20.87  | 55.06      |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>L60</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | L60JD005     | 14.81                        | 2.73 | 4.80 | 1.72 | 4.66      | 0.85        | 17.94  | 47.51      | 16.93                       | 2.77 | 6.39 | 2.29 | 9.76      | 1.77        | 21.77  | 61.68      |
|            | L60JD006     | 14.56                        | 2.55 | 4.71 | 1.69 | 2.21      | 0.40        | 17.48  | 43.60      | 16.64                       | 2.59 | 6.28 | 2.26 | 4.63      | 0.84        | 21.22  | 54.46      |
|            | L60RN001     | 10.19                        | 1.75 | 2.88 | 1.03 | 0.71      | 0.13        | 12.20  | 28.89      | 11.65                       | 1.78 | 3.84 | 1.38 | 1.44      | 0.26        | 14.81  | 35.16      |
|            | L60RN002     | 12.21                        | 2.12 | 3.66 | 1.31 | 1.32      | 0.24        | 14.65  | 35.51      | 13.96                       | 2.16 | 4.88 | 1.75 | 2.68      | 0.49        | 17.79  | 43.71      |
|            | L60RN003     | 12.54                        | 2.18 | 4.41 | 1.58 | 1.32      | 0.24        | 15.05  | 37.32      | 14.33                       | 2.22 | 5.88 | 2.11 | 2.68      | 0.49        | 18.27  | 45.98      |
|            | L60RN004     | 14.92                        | 2.65 | 6.02 | 2.16 | 2.39      | 0.43        | 17.97  | 46.54      | 17.06                       | 2.70 | 8.02 | 2.88 | 4.86      | 0.88        | 21.81  | 58.21      |
|            | L60RN005     | 12.19                        | 2.08 | 2.88 | 1.03 | 0.71      | 0.13        | 14.58  | 33.60      | 13.93                       | 2.11 | 3.84 | 1.38 | 1.44      | 0.26        | 17.70  | 40.66      |
|            | L60RN006     | 13.93                        | 2.37 | 3.66 | 1.31 | 0.69      | 0.13        | 16.65  | 38.74      | 15.92                       | 2.41 | 4.88 | 1.75 | 1.39      | 0.25        | 20.21  | 46.81      |
| L60RN007   | 15.30        | 2.59                         | 4.41 | 1.58 | 0.69 | 0.13      | 18.29       | 42.99  | 17.49      | 2.64                        | 5.88 | 2.11 | 1.39 | 0.25      | 22.20       | 51.96  |            |
| L60RN008   | 15.54        | 2.75                         | 6.02 | 2.16 | 2.39 | 0.43      | 18.70       | 47.99  | 17.76      | 2.80                        | 8.02 | 2.88 | 4.86 | 0.88      | 22.70       | 59.90  |            |
| <b>M10</b> | M10AQ001     | 16.46                        | 3.36 | 4.52 | 1.62 | 0.18      | 0.03        | 17.87  | 44.04      |                             |      |      |      |           |             |        |            |
|            | M10AQ002     | 14.12                        | 2.88 | 4.52 | 1.62 | 0.18      | 0.03        | 15.33  | 38.68      |                             |      |      |      |           |             |        |            |
|            | M10AQ003     | 11.72                        | 2.40 | 2.91 | 1.05 | 0.18      | 0.03        | 12.73  | 31.02      |                             |      |      |      |           |             |        |            |
|            | M10AQ006     | 2.43                         | 0.45 | 0.00 | 0.00 | 1.20      | 0.22        | 2.55   | 6.85       |                             |      |      |      |           |             |        |            |
|            | M10AQ007     | 4.91                         | 0.70 | 0.00 | 0.00 | 0.00      | 0.00        | 4.86   | 10.47      |                             |      |      |      |           |             |        |            |
|            | M10AQ010     | 4.96                         | 0.70 | 0.00 | 0.00 | 0.00      | 0.00        | 4.90   | 10.56      |                             |      |      |      |           |             |        |            |
|            | M10AQ011     | 4.09                         | 0.58 | 0.00 | 0.00 | 0.00      | 0.00        | 4.04   | 8.71       |                             |      |      |      |           |             |        |            |
|            | M10AQ012     | 1.33                         | 0.19 | 0.00 | 0.00 | 0.00      | 0.00        | 1.31   | 2.83       |                             |      |      |      |           |             |        |            |
|            | M10AQ013     | 1.20                         | 0.17 | 0.00 | 0.00 | 0.00      | 0.00        | 1.18   | 2.55       |                             |      |      |      |           |             |        |            |
|            | M10AQ014     | 0.63                         | 0.09 | 0.00 | 0.00 | 0.00      | 0.00        | 0.63   | 1.35       |                             |      |      |      |           |             |        |            |
|            | M10AQ015     | 0.69                         | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 0.68   | 1.47       |                             |      |      |      |           |             |        |            |
|            | M10AQ016     | 0.94                         | 0.13 | 0.00 | 0.00 | 0.00      | 0.00        | 0.93   | 2.00       |                             |      |      |      |           |             |        |            |
|            | M10AQ017     | 0.39                         | 0.06 | 0.00 | 0.00 | 0.00      | 0.00        | 0.39   | 0.84       |                             |      |      |      |           |             |        |            |
|            | M10AQ018     | 0.64                         | 0.09 | 0.00 | 0.00 | 0.00      | 0.00        | 0.63   | 1.36       |                             |      |      |      |           |             |        |            |
|            | M10AQ019     | 0.74                         | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 0.73   | 1.57       |                             |      |      |      |           |             |        |            |
|            | M10AQ020     | 0.84                         | 0.12 | 0.00 | 0.00 | 0.00      | 0.00        | 0.83   | 1.79       |                             |      |      |      |           |             |        |            |
|            | M10CP001     | 9.15                         | 1.86 | 4.82 | 1.73 | 0.00      | 0.00        | 9.93   | 27.49      |                             |      |      |      |           |             |        |            |
|            | M10CP002     | 10.17                        | 2.06 | 5.85 | 2.10 | 0.00      | 0.00        | 11.03  | 31.21      |                             |      |      |      |           |             |        |            |
|            | M10CP003     | 10.75                        | 2.18 | 5.85 | 2.10 | 0.00      | 0.00        | 11.66  | 32.54      |                             |      |      |      |           |             |        |            |
|            | M10CP004     | 5.73                         | 0.87 | 3.97 | 2.29 | 0.00      | 0.00        | 5.87   | 18.73      |                             |      |      |      |           |             |        |            |
|            | M10CP005     | 5.32                         | 0.81 | 2.48 | 1.43 | 0.00      | 0.00        | 5.45   | 15.49      |                             |      |      |      |           |             |        |            |
| M10CP006   | 0.17         | 0.02                         | 0.00 | 0.30 | 0.00 | 0.00      | 0.16        | 0.65   |            |                             |      |      |      |           |             |        |            |
| M10CP007   | 0.35         | 0.04                         | 0.00 | 0.40 | 0.00 | 0.00      | 0.32        | 1.11   |            |                             |      |      |      |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <i>M10</i> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | M10CP008     | 1.08                         | 0.14  | 0.00  | 0.50  | 0.00      | 0.00        | 1.01   | 2.73       |                             |      |      |     |           |             |        |            |
|            | M10CP009     | 1.38                         | 0.18  | 0.00  | 0.60  | 0.00      | 0.00        | 1.28   | 3.44       |                             |      |      |     |           |             |        |            |
|            | M10CP010     | 0.14                         | 0.02  | 0.00  | 0.20  | 0.00      | 0.00        | 0.13   | 0.49       |                             |      |      |     |           |             |        |            |
|            | M10CP011     | 0.17                         | 0.02  | 0.00  | 0.25  | 0.00      | 0.00        | 0.16   | 0.60       |                             |      |      |     |           |             |        |            |
|            | M10CP012     | 0.20                         | 0.03  | 0.00  | 0.30  | 0.00      | 0.00        | 0.19   | 0.72       |                             |      |      |     |           |             |        |            |
|            | M10CP013     | 0.25                         | 0.03  | 0.00  | 0.30  | 0.00      | 0.00        | 0.24   | 0.82       |                             |      |      |     |           |             |        |            |
|            | M10CP014     | 0.07                         | 0.01  | 0.00  | 0.15  | 0.00      | 0.00        | 0.06   | 0.29       |                             |      |      |     |           |             |        |            |
|            | M10CP015     | 0.08                         | 0.01  | 0.00  | 0.20  | 0.00      | 0.00        | 0.08   | 0.37       |                             |      |      |     |           |             |        |            |
|            | M10CP016     | 0.15                         | 0.02  | 0.00  | 0.25  | 0.00      | 0.00        | 0.14   | 0.56       |                             |      |      |     |           |             |        |            |
|            | M10CP017     | 0.19                         | 0.02  | 0.00  | 0.30  | 0.00      | 0.00        | 0.18   | 0.69       |                             |      |      |     |           |             |        |            |
|            | M10CP018     | 0.11                         | 0.01  | 0.00  | 0.20  | 0.00      | 0.00        | 0.10   | 0.42       |                             |      |      |     |           |             |        |            |
|            | M10CP019     | 0.13                         | 0.02  | 0.00  | 0.20  | 0.00      | 0.00        | 0.12   | 0.47       |                             |      |      |     |           |             |        |            |
|            | M10CP020     | 0.10                         | 0.01  | 0.00  | 0.25  | 0.00      | 0.00        | 0.10   | 0.46       |                             |      |      |     |           |             |        |            |
|            | M10DD001     | 42.51                        | 9.28  | 14.64 | 5.26  | 0.00      | 0.00        | 49.78  | 121.47     |                             |      |      |     |           |             |        |            |
|            | M10DD002     | 61.78                        | 13.49 | 49.60 | 28.63 | 0.00      | 0.00        | 72.35  | 225.85     |                             |      |      |     |           |             |        |            |
|            | M10DS002     | 15.44                        | 3.13  | 8.78  | 3.15  | 0.00      | 0.00        | 16.75  | 47.25      |                             |      |      |     |           |             |        |            |
|            | M10DS004     | 20.23                        | 4.42  | 13.84 | 4.97  | 0.00      | 0.00        | 23.69  | 67.15      |                             |      |      |     |           |             |        |            |
|            | M10DS005     | 22.09                        | 4.82  | 15.84 | 5.69  | 0.00      | 0.00        | 25.87  | 74.31      |                             |      |      |     |           |             |        |            |
|            | M10DS007     | 26.39                        | 5.76  | 17.39 | 6.25  | 0.00      | 0.00        | 30.91  | 86.70      |                             |      |      |     |           |             |        |            |
|            | M10DS008     | 18.26                        | 3.70  | 8.95  | 3.21  | 0.00      | 0.00        | 19.81  | 53.93      |                             |      |      |     |           |             |        |            |
|            | M10DS009     | 40.49                        | 8.84  | 17.22 | 6.18  | 0.00      | 0.00        | 47.42  | 120.15     |                             |      |      |     |           |             |        |            |
|            | M10DS010     | 51.24                        | 11.19 | 17.22 | 6.18  | 0.00      | 0.00        | 60.01  | 145.84     |                             |      |      |     |           |             |        |            |
|            | M10DS011     | 24.54                        | 5.36  | 17.22 | 6.18  | 0.00      | 0.00        | 28.74  | 82.04      |                             |      |      |     |           |             |        |            |
|            | M10EL004     | 16.02                        | 3.25  | 5.54  | 1.99  | 0.00      | 0.00        | 19.86  | 46.66      |                             |      |      |     |           |             |        |            |
|            | M10EL005     | 19.69                        | 3.99  | 6.03  | 2.17  | 0.00      | 0.00        | 24.41  | 56.29      |                             |      |      |     |           |             |        |            |
|            | M10EL006     | 23.35                        | 4.74  | 6.03  | 2.17  | 0.00      | 0.00        | 28.95  | 65.24      |                             |      |      |     |           |             |        |            |
|            | M10EL007     | 17.95                        | 3.64  | 7.85  | 2.82  | 0.00      | 0.00        | 22.26  | 54.52      |                             |      |      |     |           |             |        |            |
|            | M10EL008     | 21.57                        | 4.38  | 7.85  | 2.82  | 0.00      | 0.00        | 26.75  | 63.37      |                             |      |      |     |           |             |        |            |
|            | M10EL009     | 10.08                        | 3.88  | 0.00  | 1.00  | 0.00      | 0.00        | 14.07  | 29.03      |                             |      |      |     |           |             |        |            |
|            | M10EL010     | 17.01                        | 6.55  | 0.00  | 1.00  | 0.00      | 0.00        | 23.73  | 48.29      |                             |      |      |     |           |             |        |            |
|            | M10EL011     | 18.43                        | 7.10  | 0.00  | 1.00  | 0.00      | 0.00        | 25.72  | 52.25      |                             |      |      |     |           |             |        |            |
|            | M10EL012     | 37.03                        | 14.27 | 0.00  | 1.00  | 0.00      | 0.00        | 51.66  | 103.96     |                             |      |      |     |           |             |        |            |
|            | M10HH001     | 9.71                         | 1.97  | 5.17  | 1.86  | 0.00      | 0.00        | 12.03  | 30.74      |                             |      |      |     |           |             |        |            |
|            | M10HH002     | 9.82                         | 1.99  | 5.17  | 1.86  | 0.00      | 0.00        | 12.18  | 31.02      |                             |      |      |     |           |             |        |            |
|            | M10HH003     | 10.34                        | 2.10  | 6.10  | 2.19  | 0.00      | 0.00        | 12.83  | 33.56      |                             |      |      |     |           |             |        |            |



Table 2-2 . HOURLY RATE ELEMENTS

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>M10</b> | <b>cont.</b> |                              |       |       |      |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | M10HH004     | 10.46                        | 2.12  | 6.10  | 2.19 | 0.00      | 0.00        | 12.97  | 33.84      |                             |       |       |       |           |             |        |            |
|            | M10HH005     | 10.63                        | 2.16  | 6.10  | 2.19 | 0.00      | 0.00        | 13.19  | 34.27      |                             |       |       |       |           |             |        |            |
|            | M10HH006     | 6.10                         | 1.24  | 3.44  | 1.24 | 0.00      | 0.00        | 7.56   | 19.58      |                             |       |       |       |           |             |        |            |
|            | M10KK001     | 10.67                        | 2.17  | 19.60 | 8.04 | 0.00      | 0.00        | 11.58  | 52.06      |                             |       |       |       |           |             |        |            |
|            | M10KK002     | 11.08                        | 2.25  | 8.61  | 3.09 | 0.00      | 0.00        | 12.02  | 37.05      |                             |       |       |       |           |             |        |            |
|            | M10KK003     | 11.60                        | 2.35  | 19.60 | 8.04 | 0.00      | 0.00        | 12.58  | 54.17      |                             |       |       |       |           |             |        |            |
|            | M10KK004     | 12.09                        | 2.45  | 8.61  | 3.09 | 0.00      | 0.00        | 13.12  | 39.36      |                             |       |       |       |           |             |        |            |
|            | M10KK005     | 14.30                        | 2.90  | 8.61  | 3.09 | 0.00      | 0.00        | 15.51  | 44.41      |                             |       |       |       |           |             |        |            |
|            | M10KR001     | 23.26                        | 4.72  | 3.55  | 1.73 | 0.00      | 0.00        | 35.31  | 68.57      | 25.85                       | 4.77  | 4.73  | 2.31  | 0.00      | 0.00        | 43.15  | 80.81      |
|            | M10KR002     | 27.41                        | 5.56  | 4.66  | 2.27 | 0.00      | 0.00        | 41.60  | 81.50      | 30.46                       | 5.62  | 6.21  | 3.03  | 0.00      | 0.00        | 50.85  | 96.17      |
|            | M10MZ001     | 0.76                         | 0.09  | 0.00  | 0.00 | 0.00      | 0.00        | 0.56   | 1.41       |                             |       |       |       |           |             |        |            |
|            | M10MZ002     | 0.84                         | 0.10  | 0.00  | 0.00 | 0.00      | 0.00        | 0.61   | 1.55       |                             |       |       |       |           |             |        |            |
|            | M10MZ003     | 1.27                         | 0.15  | 0.00  | 0.00 | 0.00      | 0.00        | 0.93   | 2.35       |                             |       |       |       |           |             |        |            |
|            | M10MZ004     | 1.21                         | 0.22  | 0.00  | 0.00 | 0.00      | 0.00        | 1.06   | 2.49       |                             |       |       |       |           |             |        |            |
|            | M10MZ005     | 1.95                         | 0.36  | 0.00  | 0.00 | 0.00      | 0.00        | 1.71   | 4.02       |                             |       |       |       |           |             |        |            |
|            | M10MZ006     | 2.20                         | 0.41  | 0.00  | 0.00 | 0.00      | 0.00        | 1.94   | 4.55       |                             |       |       |       |           |             |        |            |
|            | M10MZ007     | 2.50                         | 0.46  | 0.00  | 0.00 | 0.00      | 0.00        | 2.20   | 5.16       |                             |       |       |       |           |             |        |            |
|            | M10MZ008     | 3.09                         | 0.57  | 0.00  | 0.00 | 0.00      | 0.00        | 2.72   | 6.38       |                             |       |       |       |           |             |        |            |
|            | M10MZ009     | 3.70                         | 0.69  | 0.00  | 0.00 | 0.00      | 0.00        | 3.25   | 7.64       |                             |       |       |       |           |             |        |            |
|            | M10MZ010     | 2.28                         | 0.55  | 3.88  | 1.89 | 0.00      | 0.00        | 2.47   | 11.07      | 2.74                        | 0.55  | 5.17  | 2.52  | 0.00      | 0.00        | 3.18   | 14.16      |
|            | M10MZ011     | 3.04                         | 0.73  | 5.82  | 2.84 | 0.00      | 0.00        | 3.29   | 15.72      | 3.64                        | 0.74  | 7.76  | 3.78  | 0.00      | 0.00        | 4.24   | 20.16      |
|            | M10MZ012     | 5.51                         | 1.52  | 9.70  | 4.73 | 0.00      | 0.00        | 6.83   | 28.29      | 6.42                        | 1.54  | 12.94 | 6.31  | 0.00      | 0.00        | 8.46   | 35.67      |
|            | M10MZ013     | 6.65                         | 1.84  | 9.70  | 4.73 | 0.00      | 0.00        | 8.25   | 31.17      | 7.76                        | 1.86  | 12.94 | 6.31  | 0.00      | 0.00        | 10.23  | 39.10      |
|            | M10SM001     | 2.82                         | 0.67  | 13.65 | 5.60 | 0.00      | 0.00        | 3.06   | 25.80      | 3.39                        | 0.69  | 17.85 | 7.33  | 0.00      | 0.00        | 3.94   | 33.20      |
|            | M10SM002     | 3.00                         | 0.72  | 18.20 | 7.47 | 0.00      | 0.00        | 3.26   | 32.65      | 3.61                        | 0.73  | 23.80 | 9.77  | 0.00      | 0.00        | 4.19   | 42.10      |
|            | M10SM003     | 3.16                         | 0.76  | 18.20 | 7.47 | 0.00      | 0.00        | 3.42   | 33.01      | 3.79                        | 0.77  | 23.80 | 9.77  | 0.00      | 0.00        | 4.40   | 42.53      |
|            | M10SM004     | 3.45                         | 0.83  | 22.75 | 9.34 | 0.00      | 0.00        | 3.75   | 40.12      | 4.15                        | 0.84  | 29.75 | 12.21 | 0.00      | 0.00        | 4.82   | 51.77      |
|            | M10SM005     | 1.28                         | 0.31  | 10.47 | 4.30 | 0.00      | 0.00        | 1.39   | 17.75      | 1.54                        | 0.31  | 13.69 | 5.62  | 0.00      | 0.00        | 1.79   | 22.95      |
|            | M10SM006     | 1.42                         | 0.34  | 10.47 | 4.30 | 0.00      | 0.00        | 1.54   | 18.07      | 1.70                        | 0.34  | 13.69 | 5.62  | 0.00      | 0.00        | 1.98   | 23.33      |
|            | M10SM007     | 2.17                         | 0.52  | 13.65 | 5.60 | 0.00      | 0.00        | 2.35   | 24.29      | 2.60                        | 0.53  | 17.85 | 7.33  | 0.00      | 0.00        | 3.03   | 31.34      |
|            | M10SM008     | 2.37                         | 0.57  | 18.20 | 7.47 | 0.00      | 0.00        | 2.57   | 31.18      | 2.85                        | 0.58  | 23.80 | 9.77  | 0.00      | 0.00        | 3.31   | 40.31      |
| M10SM009   | 2.53         | 0.61                         | 18.20 | 7.47  | 0.00 | 0.00      | 2.74        | 31.55  | 3.04       | 0.62                        | 23.80 | 9.77  | 0.00  | 0.00      | 3.53        | 40.76  |            |
| M10SM010   | 2.73         | 0.65                         | 18.20 | 7.47  | 0.00 | 0.00      | 2.96        | 32.01  | 3.28       | 0.66                        | 23.80 | 9.77  | 0.00  | 0.00      | 3.81        | 41.32  |            |
| M10SM011   | 3.95         | 0.94                         | 18.66 | 7.66  | 0.00 | 0.00      | 4.28        | 35.49  | 4.74       | 0.96                        | 24.40 | 10.01 | 0.00  | 0.00      | 5.51        | 45.62  |            |
| M10SM012   | 4.38         | 1.05                         | 22.75 | 9.34  | 0.00 | 0.00      | 4.75        | 42.27  | 5.26       | 1.07                        | 29.75 | 12.21 | 0.00  | 0.00      | 6.11        | 54.40  |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |       |       |           |             |        |            |  |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|-------|-------|-----------|-------------|--------|------------|--|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |  |
| <b>M10</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |      |       |       |           |             |        |            |  |
|            | M10SM013     | 4.07                         | 0.97  | 22.75 | 9.34  | 0.00      | 0.00        | 4.41   | 41.54      | 4.88                        | 0.99 | 29.75 | 12.21 | 0.00      | 0.00        | 5.67   | 53.50      |  |
|            | M10SM014     | 3.79                         | 1.05  | 27.30 | 11.20 | 0.00      | 0.00        | 4.71   | 48.05      | 4.43                        | 1.06 | 35.70 | 14.65 | 0.00      | 0.00        | 5.83   | 61.67      |  |
|            | M10SM015     | 5.83                         | 1.61  | 37.77 | 15.50 | 0.00      | 0.00        | 7.23   | 67.94      | 6.80                        | 1.63 | 49.39 | 20.27 | 0.00      | 0.00        | 8.96   | 87.05      |  |
|            | M10SM016     | 3.57                         | 0.85  | 18.66 | 7.66  | 0.00      | 0.00        | 3.88   | 34.62      | 4.29                        | 0.87 | 24.40 | 10.01 | 0.00      | 0.00        | 4.98   | 44.55      |  |
|            | M10SM017     | 6.47                         | 1.79  | 37.31 | 15.31 | 0.00      | 0.00        | 8.03   | 68.91      | 7.55                        | 1.81 | 48.79 | 20.03 | 0.00      | 0.00        | 9.95   | 88.13      |  |
|            | M10SM018     | 8.74                         | 2.41  | 11.09 | 5.41  | 0.00      | 0.00        | 10.83  | 38.48      | 10.19                       | 2.44 | 14.78 | 7.20  | 0.00      | 0.00        | 13.43  | 48.04      |  |
|            | M10SM019     | 10.47                        | 2.89  | 11.09 | 5.41  | 0.00      | 0.00        | 12.98  | 42.84      | 12.21                       | 2.92 | 14.78 | 7.20  | 0.00      | 0.00        | 16.09  | 53.20      |  |
|            | M10SM020     | 12.71                        | 4.90  | 18.14 | 8.84  | 0.00      | 0.00        | 17.74  | 62.33      |                             |      |       |       |           |             |        |            |  |
|            | M10SM021     | 18.77                        | 7.23  | 30.24 | 14.74 | 0.00      | 0.00        | 26.19  | 97.17      |                             |      |       |       |           |             |        |            |  |
| <b>P10</b> | P10IC001     | 10.23                        | 1.93  | 4.85  | 1.99  | 0.00      | 0.00        | 16.11  | 35.11      |                             |      |       |       |           |             |        |            |  |
|            | P10IC002     | 16.11                        | 3.03  | 8.32  | 3.41  | 0.00      | 0.00        | 25.37  | 56.24      |                             |      |       |       |           |             |        |            |  |
|            | P10IC003     | 20.19                        | 3.80  | 8.32  | 3.41  | 0.00      | 0.00        | 31.81  | 67.53      |                             |      |       |       |           |             |        |            |  |
|            | P10IC004     | 25.79                        | 4.86  | 13.94 | 5.72  | 0.00      | 0.00        | 40.63  | 90.94      |                             |      |       |       |           |             |        |            |  |
|            | P10IC005     | 41.16                        | 7.75  | 22.18 | 9.10  | 0.00      | 0.00        | 64.85  | 145.04     |                             |      |       |       |           |             |        |            |  |
|            | P10IC010     | 2.29                         | 0.43  | 0.00  | 0.00  | 0.00      | 0.00        | 3.60   | 6.32       |                             |      |       |       |           |             |        |            |  |
|            | P10IC011     | 4.29                         | 0.81  | 0.36  | 0.15  | 0.00      | 0.00        | 6.76   | 12.37      |                             |      |       |       |           |             |        |            |  |
|            | P10IC012     | 2.83                         | 0.53  | 0.00  | 0.00  | 0.00      | 0.00        | 4.45   | 7.81       |                             |      |       |       |           |             |        |            |  |
|            | P10IC013     | 4.75                         | 0.90  | 1.18  | 0.48  | 0.00      | 0.00        | 7.49   | 14.80      |                             |      |       |       |           |             |        |            |  |
|            | <b>P20</b>   | P20IC001                     | 4.25  | 0.80  | 0.00  | 1.25      | 0.00        | 0.00   | 9.20       | 15.50                       |      |       |       |           |             |        |            |  |
|            |              | P20IC002                     | 9.78  | 1.84  | 0.00  | 1.90      | 0.00        | 0.00   | 21.19      | 34.71                       |      |       |       |           |             |        |            |  |
|            |              | P20IC003                     | 9.47  | 1.78  | 0.00  | 2.50      | 0.00        | 0.00   | 20.51      | 34.26                       |      |       |       |           |             |        |            |  |
|            |              | P20IC004                     | 10.07 | 1.90  | 0.00  | 3.15      | 0.00        | 0.00   | 21.82      | 36.94                       |      |       |       |           |             |        |            |  |
| P20MK001   |              | 5.31                         | 1.00  | 0.00  | 1.25  | 0.00      | 0.00        | 11.50  | 19.06      |                             |      |       |       |           |             |        |            |  |
| P20MK002   |              | 2.02                         | 0.38  | 0.00  | 0.50  | 0.00      | 0.00        | 4.38   | 7.28       |                             |      |       |       |           |             |        |            |  |
| P20MK003   |              | 2.48                         | 0.47  | 0.00  | 1.00  | 0.00      | 0.00        | 5.36   | 9.31       |                             |      |       |       |           |             |        |            |  |
| P20MK004   |              | 3.10                         | 0.58  | 0.00  | 1.25  | 0.00      | 0.00        | 6.72   | 11.65      |                             |      |       |       |           |             |        |            |  |
| P20MK005   |              | 5.04                         | 0.95  | 0.00  | 1.25  | 0.00      | 0.00        | 10.93  | 18.17      |                             |      |       |       |           |             |        |            |  |
| P20MK006   |              | 5.56                         | 1.05  | 0.00  | 2.50  | 0.00      | 0.00        | 12.05  | 21.16      |                             |      |       |       |           |             |        |            |  |
| P20MK007   |              | 6.25                         | 1.18  | 0.00  | 2.50  | 0.00      | 0.00        | 13.55  | 23.48      |                             |      |       |       |           |             |        |            |  |
| <b>P25</b> |              |                              |       |       |       |           |             |        |            |                             |      |       |       |           |             |        |            |  |
| P25DL001   |              | 4.63                         | 0.87  | 0.00  | 0.95  | 0.00      | 0.00        | 9.11   | 15.56      |                             |      |       |       |           |             |        |            |  |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>P25</b> | <i>cont.</i> |                              |       |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | P25DL002     | 4.86                         | 0.91  | 0.00  | 1.25 | 0.00      | 0.00        | 9.56   | 16.58      |                             |      |      |     |           |             |        |            |
|            | P25DL003     | 5.34                         | 1.01  | 0.00  | 1.20 | 0.00      | 0.00        | 10.51  | 18.06      |                             |      |      |     |           |             |        |            |
|            | P25DL004     | 7.24                         | 1.36  | 0.00  | 1.80 | 0.00      | 0.00        | 14.26  | 24.66      |                             |      |      |     |           |             |        |            |
|            | P25DL005     | 10.75                        | 2.03  | 0.00  | 2.65 | 0.00      | 0.00        | 21.17  | 36.60      |                             |      |      |     |           |             |        |            |
|            | P25DL006     | 11.38                        | 2.14  | 0.00  | 3.30 | 0.00      | 0.00        | 22.41  | 39.23      |                             |      |      |     |           |             |        |            |
|            | P25DL007     | 14.25                        | 2.68  | 0.00  | 3.80 | 0.00      | 0.00        | 28.05  | 48.78      |                             |      |      |     |           |             |        |            |
|            | P25DL008     | 15.40                        | 2.90  | 0.00  | 5.30 | 0.00      | 0.00        | 30.33  | 53.93      |                             |      |      |     |           |             |        |            |
|            | P25DL009     | 29.26                        | 5.51  | 0.00  | 6.60 | 0.00      | 0.00        | 57.62  | 98.99      |                             |      |      |     |           |             |        |            |
|            | P25DL010     | 41.95                        | 7.90  | 0.00  | 8.25 | 0.00      | 0.00        | 82.61  | 140.71     |                             |      |      |     |           |             |        |            |
|            | P25DL011     | 45.00                        | 8.48  | 0.00  | 9.90 | 0.00      | 0.00        | 88.62  | 152.00     |                             |      |      |     |           |             |        |            |
|            | P25IC001     | 6.58                         | 1.24  | 0.00  | 2.20 | 0.00      | 0.00        | 12.96  | 22.98      |                             |      |      |     |           |             |        |            |
|            | P25IC002     | 7.98                         | 1.50  | 0.00  | 3.45 | 0.00      | 0.00        | 15.71  | 28.64      |                             |      |      |     |           |             |        |            |
|            | P25IC003     | 12.70                        | 2.39  | 0.00  | 4.40 | 0.00      | 0.00        | 25.01  | 44.50      |                             |      |      |     |           |             |        |            |
|            | P25IC004     | 14.83                        | 2.79  | 0.00  | 5.30 | 0.00      | 0.00        | 29.20  | 52.12      |                             |      |      |     |           |             |        |            |
|            | P25IC005     | 19.27                        | 3.63  | 0.00  | 6.25 | 0.00      | 0.00        | 37.95  | 67.10      |                             |      |      |     |           |             |        |            |
|            | P25IC006     | 23.01                        | 4.33  | 0.00  | 7.20 | 0.00      | 0.00        | 45.32  | 79.86      |                             |      |      |     |           |             |        |            |
|            | P25MK001     | 6.44                         | 1.21  | 0.00  | 2.50 | 0.00      | 0.00        | 12.69  | 22.84      |                             |      |      |     |           |             |        |            |
|            | P25MK002     | 7.03                         | 1.32  | 0.00  | 2.50 | 0.00      | 0.00        | 13.85  | 24.70      |                             |      |      |     |           |             |        |            |
|            | P25MK003     | 10.00                        | 1.88  | 0.00  | 4.15 | 0.00      | 0.00        | 19.70  | 35.73      |                             |      |      |     |           |             |        |            |
|            | P25VU002     | 6.89                         | 1.30  | 0.00  | 2.50 | 0.00      | 0.00        | 13.57  | 24.26      |                             |      |      |     |           |             |        |            |
|            | P25VU003     | 6.85                         | 1.29  | 0.00  | 2.50 | 0.00      | 0.00        | 13.48  | 24.12      |                             |      |      |     |           |             |        |            |
| P25VU004   | 7.01         | 1.32                         | 0.00  | 2.50  | 0.00 | 0.00      | 13.81       | 24.64  |            |                             |      |      |     |           |             |        |            |
| P25VU005   | 9.44         | 1.78                         | 0.00  | 2.50  | 0.00 | 0.00      | 18.60       | 32.32  |            |                             |      |      |     |           |             |        |            |
| P25VU010   | 9.73         | 1.83                         | 0.00  | 0.95  | 0.00 | 0.00      | 19.15       | 31.66  |            |                             |      |      |     |           |             |        |            |
| P25VU011   | 9.85         | 1.86                         | 0.00  | 1.17  | 0.00 | 0.00      | 19.40       | 32.28  |            |                             |      |      |     |           |             |        |            |
| <b>P30</b> |              |                              |       |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | P30MK001     | 9.65                         | 1.82  | 4.85  | 1.99 | 0.00      | 0.00        | 19.00  | 37.31      |                             |      |      |     |           |             |        |            |
|            | P30MK002     | 16.10                        | 3.03  | 9.01  | 3.70 | 0.00      | 0.00        | 31.71  | 63.55      |                             |      |      |     |           |             |        |            |
|            | P30MK003     | 16.52                        | 3.11  | 9.01  | 3.70 | 0.00      | 0.00        | 32.53  | 64.87      |                             |      |      |     |           |             |        |            |
|            | P30MK004     | 26.10                        | 4.92  | 16.63 | 6.83 | 0.00      | 0.00        | 51.40  | 105.88     |                             |      |      |     |           |             |        |            |
|            | P30VU001     | 5.64                         | 1.06  | 1.61  | 0.66 | 0.00      | 0.00        | 11.10  | 20.07      |                             |      |      |     |           |             |        |            |
|            | P30VU002     | 12.15                        | 2.29  | 4.30  | 1.76 | 0.00      | 0.00        | 23.93  | 44.43      |                             |      |      |     |           |             |        |            |
|            | P30VU003     | 18.09                        | 3.41  | 9.98  | 4.10 | 0.00      | 0.00        | 35.62  | 71.20      |                             |      |      |     |           |             |        |            |
| P30VU004   | 25.76        | 4.85                         | 15.52 | 6.37  | 0.00 | 0.00      | 50.73       | 103.23 |            |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |            | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |      |      |           |             |        |            |  |
|------------|------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|------|------|-----------|-------------|--------|------------|--|
| CAT        | ID. NO.    | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |  |
| <b>P35</b> | P35CA001   | 8.63                         | 3.09  | 1.59  | 0.82 | 0.00      | 0.00        | 15.45  | 29.58      | 12.95                       | 3.18  | 2.12 | 1.09 | 0.00      | 0.00        | 25.36  | 44.70      |  |
|            | P35CA003   | 16.02                        | 5.73  | 3.02  | 1.55 | 0.00      | 0.00        | 28.66  | 54.98      | 24.03                       | 5.90  | 4.03 | 2.07 | 0.00      | 0.00        | 47.06  | 83.09      |  |
|            | P35CA005   | 22.57                        | 8.07  | 4.54  | 2.33 | 0.00      | 0.00        | 40.38  | 77.89      | 33.85                       | 8.31  | 6.05 | 3.10 | 0.00      | 0.00        | 66.30  | 117.61     |  |
|            | P35CA006   | 31.23                        | 11.18 | 6.35  | 3.26 | 0.00      | 0.00        | 55.89  | 107.91     | 46.85                       | 11.50 | 8.47 | 4.35 | 0.00      | 0.00        | 91.77  | 162.94     |  |
|            |            |                              |       |       |      |           |             |        |            |                             |       |      |      |           |             |        |            |  |
| <b>P40</b> | P40GV001   | 3.27                         | 0.60  | 1.40  | 0.57 | 0.09      | 0.02        | 4.23   | 10.18      |                             |       |      |      |           |             |        |            |  |
|            | P40GV002   | 3.65                         | 0.69  | 1.40  | 0.57 | 0.24      | 0.04        | 4.75   | 11.34      |                             |       |      |      |           |             |        |            |  |
|            | P40GV003   | 4.38                         | 0.82  | 1.40  | 0.57 | 0.24      | 0.04        | 5.68   | 13.13      |                             |       |      |      |           |             |        |            |  |
|            | P40GV004   | 7.46                         | 1.38  | 2.10  | 1.46 | 0.18      | 0.03        | 9.65   | 22.26      |                             |       |      |      |           |             |        |            |  |
|            | P40GV005   | 11.45                        | 2.16  | 4.34  | 2.53 | 0.74      | 0.13        | 14.88  | 36.23      |                             |       |      |      |           |             |        |            |  |
|            | P40GV006   | 13.56                        | 2.58  | 4.34  | 2.38 | 1.03      | 0.19        | 17.64  | 41.72      |                             |       |      |      |           |             |        |            |  |
|            | P40GV007   | 16.25                        | 3.06  | 4.34  | 2.38 | 1.03      | 0.19        | 21.11  | 48.36      |                             |       |      |      |           |             |        |            |  |
|            | P40GV008   | 22.86                        | 4.27  | 4.34  | 2.48 | 1.03      | 0.19        | 29.64  | 64.81      |                             |       |      |      |           |             |        |            |  |
|            | P40GV009   | 5.23                         | 0.96  | 1.40  | 1.17 | 0.13      | 0.02        | 6.76   | 15.67      |                             |       |      |      |           |             |        |            |  |
|            | P40GV010   | 6.72                         | 1.24  | 2.31  | 1.55 | 0.13      | 0.02        | 8.69   | 20.66      |                             |       |      |      |           |             |        |            |  |
|            | P40GV011   | 11.59                        | 2.17  | 3.71  | 2.12 | 0.60      | 0.11        | 15.03  | 35.33      |                             |       |      |      |           |             |        |            |  |
|            | P40RE001   | 8.58                         | 1.59  | 11.55 | 5.24 | 0.24      | 0.04        | 11.11  | 38.35      |                             |       |      |      |           |             |        |            |  |
|            | <b>P45</b> | P45AF001                     | 3.66  | 0.61  | 4.92 | 2.02      | 0.03        | 0.01   | 5.51       | 16.76                       |       |      |      |           |             |        |            |  |
| P45AF002   |            | 0.08                         | 0.01  | 0.00  | 0.00 | 0.00      | 0.00        | 0.12   | 0.21       |                             |       |      |      |           |             |        |            |  |
| P45AF003   |            | 0.12                         | 0.02  | 0.00  | 0.00 | 0.00      | 0.00        | 0.19   | 0.33       |                             |       |      |      |           |             |        |            |  |
| P45AF004   |            | 0.38                         | 0.06  | 0.00  | 0.00 | 0.00      | 0.00        | 0.57   | 1.01       |                             |       |      |      |           |             |        |            |  |
| P45AF005   |            | 1.16                         | 0.19  | 1.46  | 0.60 | 0.00      | 0.00        | 1.75   | 5.16       |                             |       |      |      |           |             |        |            |  |
| P45AF006   |            | 1.27                         | 0.21  | 1.46  | 0.60 | 0.00      | 0.00        | 1.91   | 5.45       |                             |       |      |      |           |             |        |            |  |
| P45AF007   |            | 2.42                         | 0.41  | 1.23  | 0.44 | 0.03      | 0.01        | 3.64   | 8.18       |                             |       |      |      |           |             |        |            |  |
| P45CG001   |            | 0.30                         | 0.05  | 0.00  | 0.05 | 0.00      | 0.00        | 0.45   | 0.85       |                             |       |      |      |           |             |        |            |  |
| P45CG002   |            | 0.54                         | 0.09  | 0.00  | 0.10 | 0.00      | 0.00        | 0.81   | 1.54       |                             |       |      |      |           |             |        |            |  |
| P45CG003   |            | 1.47                         | 0.24  | 0.00  | 0.15 | 0.00      | 0.00        | 2.21   | 4.07       |                             |       |      |      |           |             |        |            |  |
| P45CG006   |            | 1.64                         | 0.28  | 2.13  | 0.87 | 0.03      | 0.01        | 2.48   | 7.44       |                             |       |      |      |           |             |        |            |  |
| P45CG007   |            | 1.57                         | 0.26  | 2.13  | 0.87 | 0.00      | 0.00        | 2.37   | 7.20       |                             |       |      |      |           |             |        |            |  |
| <b>P50</b> |            | P50HO001                     | 0.10  | 0.02  | 0.63 | 0.26      | 0.00        | 0.00   | 0.15       | 1.16                        |       |      |      |           |             |        |            |  |
|            |            | P50HO003                     | 0.14  | 0.03  | 1.01 | 0.41      | 0.00        | 0.00   | 0.21       | 1.80                        |       |      |      |           |             |        |            |  |
|            |            |                              |       |       |      |           |             |        |            |                             |       |      |      |           |             |        |            |  |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>P50</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | P50HO005     | 0.28                         | 0.06 | 2.02 | 0.83 | 0.00      | 0.00        | 0.44   | 3.63       |                             |      |      |     |           |             |        |            |
|            | P50ML007     | 0.12                         | 0.02 | 0.38 | 0.16 | 0.00      | 0.00        | 0.18   | 0.86       |                             |      |      |     |           |             |        |            |
|            | P50ML008     | 0.21                         | 0.04 | 1.13 | 0.46 | 0.00      | 0.00        | 0.32   | 2.16       |                             |      |      |     |           |             |        |            |
|            | P50ML009     | 0.32                         | 0.06 | 4.03 | 1.65 | 0.00      | 0.00        | 0.49   | 6.55       |                             |      |      |     |           |             |        |            |
|            | P50ML010     | 0.35                         | 0.07 | 4.03 | 1.65 | 0.00      | 0.00        | 0.54   | 6.64       |                             |      |      |     |           |             |        |            |
|            | P50ML011     | 0.04                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.00        | 0.08   | 0.12       |                             |      |      |     |           |             |        |            |
|            | P50ML012     | 0.03                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.00        | 0.06   | 0.09       |                             |      |      |     |           |             |        |            |
|            | P50ML013     | 0.06                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.13   | 0.20       |                             |      |      |     |           |             |        |            |
|            | P50ML014     | 0.05                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.00        | 0.11   | 0.16       |                             |      |      |     |           |             |        |            |
|            | P50ML015     | 0.10                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.20   | 0.31       |                             |      |      |     |           |             |        |            |
|            | P50ML016     | 0.06                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.13   | 0.20       |                             |      |      |     |           |             |        |            |
|            | P50ML017     | 0.16                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.34   | 0.51       |                             |      |      |     |           |             |        |            |
|            | P50ML018     | 0.11                         | 0.01 | 0.00 | 0.00 | 0.00      | 0.00        | 0.23   | 0.35       |                             |      |      |     |           |             |        |            |
|            | P50ML019     | 0.08                         | 0.02 | 0.44 | 0.18 | 0.00      | 0.00        | 0.13   | 0.85       |                             |      |      |     |           |             |        |            |
|            | P50ML020     | 0.11                         | 0.02 | 0.63 | 0.26 | 0.00      | 0.00        | 0.16   | 1.18       |                             |      |      |     |           |             |        |            |
|            | P50WC001     | 0.13                         | 0.03 | 0.63 | 0.26 | 0.00      | 0.00        | 0.20   | 1.25       |                             |      |      |     |           |             |        |            |
|            | P50WC004     | 1.46                         | 0.29 | 1.35 | 0.66 | 0.00      | 0.00        | 2.24   | 6.00       |                             |      |      |     |           |             |        |            |
|            | P50WC005     | 0.34                         | 0.07 | 0.46 | 0.22 | 0.00      | 0.00        | 0.52   | 1.61       |                             |      |      |     |           |             |        |            |
|            | P50WN001     | 0.03                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.00        | 0.07   | 0.10       |                             |      |      |     |           |             |        |            |
| P50WN002   | 0.06         | 0.00                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.12        | 0.18   |            |                             |      |      |     |           |             |        |            |
| P50WN003   | 0.08         | 0.01                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.17        | 0.26   |            |                             |      |      |     |           |             |        |            |
| P50WN004   | 0.13         | 0.01                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.27        | 0.41   |            |                             |      |      |     |           |             |        |            |
| <b>P55</b> | P55GF001     | 1.16                         | 0.29 | 0.85 | 0.41 | 0.00      | 0.00        | 1.99   | 4.70       |                             |      |      |     |           |             |        |            |
|            | P55GF002     | 1.47                         | 0.36 | 0.85 | 0.41 | 0.00      | 0.00        | 2.52   | 5.61       |                             |      |      |     |           |             |        |            |
|            | P55GR001     | 0.19                         | 0.05 | 0.22 | 0.13 | 0.00      | 0.00        | 0.20   | 0.79       |                             |      |      |     |           |             |        |            |
|            | P55GR002     | 0.25                         | 0.06 | 0.56 | 0.32 | 0.00      | 0.00        | 0.26   | 1.45       |                             |      |      |     |           |             |        |            |
|            | P55GR003     | 0.94                         | 0.23 | 2.79 | 1.61 | 0.00      | 0.00        | 0.96   | 6.53       |                             |      |      |     |           |             |        |            |
|            | P55GR004     | 1.15                         | 0.28 | 6.70 | 3.87 | 0.00      | 0.00        | 1.18   | 13.18      |                             |      |      |     |           |             |        |            |
|            | P55WC007     | 0.04                         | 0.01 | 0.06 | 0.03 | 0.00      | 0.00        | 0.04   | 0.18       |                             |      |      |     |           |             |        |            |
|            | P55WC008     | 0.07                         | 0.02 | 0.11 | 0.06 | 0.00      | 0.00        | 0.07   | 0.33       |                             |      |      |     |           |             |        |            |
|            | <b>P60</b>   |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
| P60GF003   |              | 1.51                         | 0.31 | 1.24 | 0.60 | 0.03      | 0.01        | 2.33   | 6.03       |                             |      |      |     |           |             |        |            |
|            | P60GF004     | 1.95                         | 0.39 | 2.36 | 1.15 | 0.03      | 0.01        | 3.00   | 8.89       |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>P60</b> | <i>cont.</i> |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | P60GF005     | 2.37                         | 0.48 | 3.21  | 1.56 | 0.03      | 0.01        | 3.65   | 11.31      |                             |      |      |      |           |             |        |            |
|            | P60GF006     | 2.73                         | 0.55 | 4.25  | 2.07 | 0.05      | 0.01        | 4.20   | 13.86      |                             |      |      |      |           |             |        |            |
|            | P60GF008     | 1.54                         | 0.31 | 1.24  | 0.60 | 0.03      | 0.01        | 2.37   | 6.10       |                             |      |      |      |           |             |        |            |
|            | P60HO002     | 0.07                         | 0.01 | 0.44  | 0.18 | 0.00      | 0.00        | 0.11   | 0.81       |                             |      |      |      |           |             |        |            |
|            | P60HO003     | 0.12                         | 0.02 | 1.01  | 0.41 | 0.00      | 0.00        | 0.18   | 1.74       |                             |      |      |      |           |             |        |            |
|            | P60ML002     | 1.10                         | 0.22 | 1.16  | 0.57 | 0.00      | 0.00        | 1.69   | 4.74       |                             |      |      |      |           |             |        |            |
|            | P60ML003     | 1.58                         | 0.32 | 10.71 | 4.40 | 0.00      | 0.00        | 2.42   | 19.43      |                             |      |      |      |           |             |        |            |
|            | P60ML005     | 2.17                         | 0.43 | 3.28  | 1.60 | 0.00      | 0.00        | 3.33   | 10.81      |                             |      |      |      |           |             |        |            |
| P60ML006   | 2.40         | 0.48                         | 3.17 | 1.55  | 0.00 | 0.00      | 3.69        | 11.29  |            |                             |      |      |      |           |             |        |            |
| <b>P65</b> |              |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | P65GR001     | 0.18                         | 0.04 | 0.15  | 0.06 | 0.00      | 0.00        | 0.25   | 0.68       |                             |      |      |      |           |             |        |            |
|            | P65GR002     | 0.18                         | 0.04 | 0.19  | 0.08 | 0.00      | 0.00        | 0.25   | 0.74       |                             |      |      |      |           |             |        |            |
|            | P65GR003     | 0.61                         | 0.12 | 0.38  | 0.16 | 0.00      | 0.00        | 0.83   | 2.10       |                             |      |      |      |           |             |        |            |
|            | P65HO001     | 0.11                         | 0.02 | 0.44  | 0.18 | 0.00      | 0.00        | 0.17   | 0.92       |                             |      |      |      |           |             |        |            |
| P65HO002   | 0.12         | 0.02                         | 0.44 | 0.18  | 0.00 | 0.00      | 0.19        | 0.95   |            |                             |      |      |      |           |             |        |            |
| <b>P70</b> |              |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
| P70AD001   | 0.13         | 0.03                         | 0.25 | 0.10  | 0.00 | 0.00      | 0.17        | 0.68   |            |                             |      |      |      |           |             |        |            |
| <b>R10</b> |              |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | R10CA001     | 0.48                         | 0.09 | 0.00  | 0.08 | 0.00      | 0.00        | 0.70   | 1.35       | 0.60                        | 0.09 | 0.00 | 0.08 | 0.00      | 0.00        | 0.95   | 1.72       |
|            | R10CA002     | 0.02                         | 0.00 | 0.00  | 0.00 | 0.00      | 0.00        | 0.03   | 0.05       | 0.03                        | 0.00 | 0.00 | 0.00 | 0.00      | 0.00        | 0.05   | 0.08       |
|            | R10CA003     | 0.48                         | 0.09 | 0.00  | 0.08 | 0.00      | 0.00        | 0.70   | 1.35       | 0.60                        | 0.09 | 0.00 | 0.08 | 0.00      | 0.00        | 0.95   | 1.72       |
|            | R10CA004     | 0.02                         | 0.00 | 0.00  | 0.00 | 0.00      | 0.00        | 0.03   | 0.05       | 0.03                        | 0.00 | 0.00 | 0.00 | 0.00      | 0.00        | 0.05   | 0.08       |
|            | R10CA005     | 0.48                         | 0.09 | 0.00  | 0.08 | 0.00      | 0.00        | 0.70   | 1.35       | 0.60                        | 0.09 | 0.00 | 0.08 | 0.00      | 0.00        | 0.95   | 1.72       |
|            | R10CA006     | 0.02                         | 0.00 | 0.00  | 0.00 | 0.00      | 0.00        | 0.03   | 0.05       | 0.03                        | 0.00 | 0.00 | 0.00 | 0.00      | 0.00        | 0.05   | 0.08       |
|            | R10CA007     | 1.78                         | 0.32 | 0.00  | 0.08 | 0.00      | 0.00        | 2.56   | 4.74       | 2.19                        | 0.33 | 0.00 | 0.08 | 0.00      | 0.00        | 3.50   | 6.10       |
|            | R10CA008     | 0.09                         | 0.02 | 0.00  | 0.00 | 0.00      | 0.00        | 0.13   | 0.24       | 0.11                        | 0.02 | 0.00 | 0.00 | 0.00      | 0.00        | 0.18   | 0.31       |
|            | R10CA009     | 3.15                         | 0.57 | 0.00  | 0.08 | 0.00      | 0.00        | 4.53   | 8.33       | 3.88                        | 0.59 | 0.00 | 0.08 | 0.00      | 0.00        | 6.20   | 10.75      |
|            | R10CA010     | 0.15                         | 0.03 | 0.00  | 0.00 | 0.00      | 0.00        | 0.22   | 0.40       | 0.19                        | 0.03 | 0.00 | 0.00 | 0.00      | 0.00        | 0.30   | 0.52       |
|            | R10CA011     | 3.66                         | 0.67 | 0.00  | 0.10 | 0.00      | 0.00        | 5.27   | 9.70       | 4.51                        | 0.68 | 0.00 | 0.10 | 0.00      | 0.00        | 7.20   | 12.49      |
|            | R10CA012     | 3.80                         | 0.69 | 0.00  | 0.10 | 0.00      | 0.00        | 5.46   | 10.05      | 4.68                        | 0.71 | 0.00 | 0.10 | 0.00      | 0.00        | 7.47   | 12.96      |
|            | R10CA013     | 0.32                         | 0.06 | 0.00  | 0.00 | 0.00      | 0.00        | 0.46   | 0.84       | 0.39                        | 0.06 | 0.00 | 0.00 | 0.00      | 0.00        | 0.63   | 1.08       |
|            | R10CA014     | 4.88                         | 0.89 | 0.00  | 0.16 | 0.00      | 0.00        | 7.01   | 12.94      | 6.00                        | 0.91 | 0.00 | 0.16 | 0.00      | 0.00        | 9.59   | 16.66      |
| R10CA015   | 5.07         | 0.92                         | 0.00 | 0.16  | 0.00 | 0.00      | 7.29        | 13.44  | 6.24       | 0.95                        | 0.00 | 0.16 | 0.00 | 0.00      | 9.97        | 17.32  |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>R10</b> | <i>cont.</i> |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | R10CA016     | 0.32                         | 0.06 | 0.00  | 0.00 | 0.00      | 0.00        | 0.46   | 0.84       | 0.39                        | 0.06 | 0.00 | 0.00 | 0.00      | 0.00        | 0.63   | 1.08       |
|            | R10CA017     | 7.62                         | 1.39 | 0.00  | 0.21 | 0.00      | 0.00        | 10.95  | 20.17      | 9.38                        | 1.42 | 0.00 | 0.21 | 0.00      | 0.00        | 14.98  | 25.99      |
|            | R10CA018     | 8.05                         | 1.47 | 0.00  | 0.22 | 0.00      | 0.00        | 11.57  | 21.31      | 9.90                        | 1.50 | 0.00 | 0.22 | 0.00      | 0.00        | 15.82  | 27.44      |
|            | R10CA019     | 0.53                         | 0.10 | 0.00  | 0.00 | 0.00      | 0.00        | 0.76   | 1.39       | 0.65                        | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 1.03   | 1.78       |
|            | R10CA020     | 9.81                         | 1.79 | 0.00  | 0.23 | 0.00      | 0.00        | 14.10  | 25.93      | 12.07                       | 1.83 | 0.00 | 0.23 | 0.00      | 0.00        | 19.28  | 33.41      |
|            | R10CA021     | 10.10                        | 1.84 | 0.00  | 0.25 | 0.00      | 0.00        | 14.53  | 26.72      | 12.44                       | 1.89 | 0.00 | 0.25 | 0.00      | 0.00        | 19.87  | 34.45      |
| R10CA022   | 0.58         | 0.11                         | 0.00 | 0.00  | 0.00 | 0.00      | 0.84        | 1.53   | 0.72       | 0.11                        | 0.00 | 0.00 | 0.00 | 0.00      | 1.14        | 1.97   |            |
| <b>R15</b> |              |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | R15SO001     | 7.68                         | 1.99 | 0.00  | 0.40 | 2.43      | 0.44        | 8.77   | 21.71      |                             |      |      |      |           |             |        |            |
|            | R15SO002     | 7.80                         | 2.20 | 0.00  | 0.45 | 3.97      | 0.72        | 9.08   | 24.22      |                             |      |      |      |           |             |        |            |
| R15SO003   | 11.89        | 3.11                         | 0.00 | 0.67  | 3.97 | 0.72      | 13.60       | 33.96  |            |                             |      |      |      |           |             |        |            |
| <b>R20</b> |              |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | R20SO001     | 4.99                         | 1.11 | 0.00  | 0.00 | 0.00      | 0.00        | 6.31   | 12.41      |                             |      |      |      |           |             |        |            |
| <b>R30</b> |              |                              |      |       |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | R30BO003     | 10.45                        | 1.98 | 2.80  | 0.86 | 0.82      | 0.15        | 11.64  | 28.70      |                             |      |      |      |           |             |        |            |
|            | R30CA003     | 20.83                        | 4.64 | 6.10  | 1.88 | 0.00      | 0.00        | 26.32  | 59.77      |                             |      |      |      |           |             |        |            |
|            | R30CA005     | 31.08                        | 6.92 | 8.73  | 2.69 | 0.00      | 0.00        | 39.28  | 88.70      |                             |      |      |      |           |             |        |            |
|            | R30CA006     | 32.66                        | 7.27 | 8.73  | 2.69 | 0.00      | 0.00        | 41.28  | 92.63      |                             |      |      |      |           |             |        |            |
|            | R30CA009     | 44.75                        | 9.96 | 13.11 | 4.04 | 0.00      | 0.00        | 56.56  | 128.42     |                             |      |      |      |           |             |        |            |
|            | R30CA010     | 5.98                         | 1.12 | 2.22  | 0.68 | 0.34      | 0.06        | 6.64   | 17.04      |                             |      |      |      |           |             |        |            |
|            | R30CA011     | 6.98                         | 1.30 | 2.97  | 0.91 | 0.35      | 0.06        | 7.74   | 20.31      |                             |      |      |      |           |             |        |            |
|            | R30CA012     | 19.72                        | 4.39 | 6.10  | 1.88 | 0.00      | 0.00        | 24.92  | 57.01      |                             |      |      |      |           |             |        |            |
|            | R30CA013     | 33.64                        | 7.49 | 8.73  | 2.69 | 0.00      | 0.00        | 42.51  | 95.06      |                             |      |      |      |           |             |        |            |
|            | R30HY001     | 6.21                         | 1.16 | 2.11  | 0.65 | 0.28      | 0.05        | 6.89   | 17.35      |                             |      |      |      |           |             |        |            |
|            | R30HY002     | 3.65                         | 0.81 | 1.39  | 0.43 | 0.00      | 0.00        | 4.62   | 10.90      |                             |      |      |      |           |             |        |            |
|            | R30HY003     | 4.50                         | 1.00 | 1.39  | 0.43 | 0.00      | 0.00        | 5.68   | 13.00      |                             |      |      |      |           |             |        |            |
|            | R30HY004     | 5.47                         | 1.22 | 2.08  | 0.64 | 0.00      | 0.00        | 6.91   | 16.32      |                             |      |      |      |           |             |        |            |
|            | R30HY005     | 5.68                         | 1.26 | 2.08  | 0.64 | 0.00      | 0.00        | 7.17   | 16.83      |                             |      |      |      |           |             |        |            |
|            | R30HY006     | 6.30                         | 1.40 | 1.94  | 0.60 | 0.00      | 0.00        | 7.97   | 18.21      |                             |      |      |      |           |             |        |            |
|            | R30HY007     | 6.70                         | 1.49 | 1.94  | 0.60 | 0.00      | 0.00        | 8.46   | 19.19      |                             |      |      |      |           |             |        |            |
|            | R30RS001     | 0.76                         | 0.17 | 1.18  | 0.36 | 0.00      | 0.00        | 0.96   | 3.43       |                             |      |      |      |           |             |        |            |
|            | R30RS002     | 0.97                         | 0.22 | 1.82  | 0.56 | 0.00      | 0.00        | 1.22   | 4.79       |                             |      |      |      |           |             |        |            |
|            | R30RS003     | 6.23                         | 1.16 | 2.08  | 0.64 | 0.28      | 0.05        | 6.92   | 17.36      |                             |      |      |      |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>R30</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | R30SI001     | 4.47                         | 0.83 | 0.50 | 0.15 | 0.17      | 0.03        | 4.96   | 11.11      |                             |      |      |     |           |             |        |            |
|            | R30SI002     | 8.45                         | 1.57 | 2.52 | 0.78 | 0.39      | 0.07        | 9.38   | 23.16      |                             |      |      |     |           |             |        |            |
|            | R30SI003     | 10.48                        | 1.95 | 2.58 | 0.79 | 0.39      | 0.07        | 11.63  | 27.89      |                             |      |      |     |           |             |        |            |
|            | R30SI004     | 13.73                        | 2.57 | 3.08 | 0.95 | 0.69      | 0.13        | 15.25  | 36.40      |                             |      |      |     |           |             |        |            |
|            | R30SI005     | 8.45                         | 1.88 | 1.80 | 0.55 | 0.00      | 0.00        | 10.68  | 23.36      |                             |      |      |     |           |             |        |            |
| <b>R40</b> |              |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | R40SO001     | 7.83                         | 1.43 | 1.93 | 0.79 | 0.00      | 0.00        | 9.89   | 21.87      |                             |      |      |     |           |             |        |            |
|            | R40SO002     | 11.40                        | 2.08 | 2.90 | 1.19 | 0.00      | 0.00        | 14.41  | 31.98      |                             |      |      |     |           |             |        |            |
| <b>R45</b> |              |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | R45BO001     | 4.18                         | 0.76 | 1.28 | 0.53 | 0.00      | 0.00        | 7.26   | 14.01      |                             |      |      |     |           |             |        |            |
|            | R45BO004     | 12.48                        | 2.27 | 4.29 | 1.76 | 0.00      | 0.00        | 21.68  | 42.48      |                             |      |      |     |           |             |        |            |
|            | R45BO005     | 13.22                        | 2.41 | 4.29 | 1.76 | 0.00      | 0.00        | 22.97  | 44.65      |                             |      |      |     |           |             |        |            |
|            | R45BO006     | 10.00                        | 1.82 | 2.86 | 1.17 | 0.00      | 0.00        | 17.38  | 33.23      |                             |      |      |     |           |             |        |            |
|            | R45BO007     | 10.26                        | 1.87 | 2.86 | 1.17 | 0.00      | 0.00        | 17.82  | 33.98      |                             |      |      |     |           |             |        |            |
|            | R45CA001     | 3.49                         | 0.64 | 1.28 | 0.53 | 0.00      | 0.00        | 6.06   | 12.00      |                             |      |      |     |           |             |        |            |
|            | R45CA002     | 4.06                         | 0.74 | 1.28 | 0.53 | 0.00      | 0.00        | 7.06   | 13.67      |                             |      |      |     |           |             |        |            |
|            | R45CA005     | 9.94                         | 1.81 | 2.82 | 1.16 | 0.00      | 0.00        | 17.28  | 33.01      |                             |      |      |     |           |             |        |            |
|            | R45CA007     | 12.51                        | 2.28 | 3.86 | 1.58 | 0.00      | 0.00        | 21.74  | 41.97      |                             |      |      |     |           |             |        |            |
|            | R45CA009     | 13.55                        | 2.51 | 5.60 | 2.30 | 0.48      | 0.09        | 23.61  | 48.14      |                             |      |      |     |           |             |        |            |
|            | R45CA010     | 15.12                        | 2.75 | 5.10 | 2.09 | 0.00      | 0.00        | 26.26  | 51.32      |                             |      |      |     |           |             |        |            |
|            | R45DY002     | 10.05                        | 1.83 | 1.20 | 0.49 | 0.00      | 0.00        | 17.45  | 31.02      |                             |      |      |     |           |             |        |            |
|            | R45DY003     | 12.49                        | 2.28 | 4.75 | 1.95 | 0.00      | 0.00        | 21.70  | 43.17      |                             |      |      |     |           |             |        |            |
|            | R45DY004     | 18.51                        | 3.37 | 8.11 | 3.33 | 0.00      | 0.00        | 32.16  | 65.48      |                             |      |      |     |           |             |        |            |
|            | R45HY002     | 13.02                        | 2.37 | 4.83 | 1.98 | 0.00      | 0.00        | 22.63  | 44.83      |                             |      |      |     |           |             |        |            |
|            | R45IN004     | 10.37                        | 1.89 | 2.94 | 1.21 | 0.00      | 0.00        | 18.01  | 34.42      |                             |      |      |     |           |             |        |            |
|            | R45IN005     | 11.88                        | 2.16 | 4.33 | 1.78 | 0.00      | 0.00        | 20.64  | 40.79      |                             |      |      |     |           |             |        |            |
|            | R45RS001     | 1.39                         | 0.25 | 2.52 | 1.03 | 0.00      | 0.00        | 2.41   | 7.60       |                             |      |      |     |           |             |        |            |
|            | R45SI001     | 2.68                         | 0.49 | 0.27 | 0.11 | 0.00      | 0.00        | 4.65   | 8.20       |                             |      |      |     |           |             |        |            |
|            | R45SI002     | 4.23                         | 0.77 | 0.93 | 0.38 | 0.00      | 0.00        | 7.35   | 13.66      |                             |      |      |     |           |             |        |            |
|            | R45SI003     | 5.44                         | 0.99 | 1.04 | 0.43 | 0.00      | 0.00        | 9.45   | 17.35      |                             |      |      |     |           |             |        |            |
|            | R45SI004     | 8.74                         | 1.59 | 2.82 | 1.16 | 0.00      | 0.00        | 15.18  | 29.49      |                             |      |      |     |           |             |        |            |
| R45SI005   | 11.69        | 2.13                         | 4.02 | 1.65 | 0.00 | 0.00      | 20.32       | 39.81  |            |                             |      |      |     |           |             |        |            |
| R45SI006   | 14.93        | 2.72                         | 4.33 | 1.78 | 0.00 | 0.00      | 25.95       | 49.71  |            |                             |      |      |     |           |             |        |            |



**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10 |          | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |  |
|-----------|----------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|--|
| CAT       | ID. NO.  | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |  |
| R50       | R50CA001 | 6.70                         | 1.23 | 3.09 | 1.27 | 0.12      | 0.02        | 10.59  | 23.02      |                             |      |      |     |           |             |        |            |  |
|           | R50CA002 | 7.62                         | 1.40 | 3.09 | 1.27 | 0.12      | 0.02        | 12.05  | 25.57      |                             |      |      |     |           |             |        |            |  |
|           | R50CA003 | 8.18                         | 1.51 | 4.13 | 1.70 | 0.22      | 0.04        | 12.95  | 28.73      |                             |      |      |     |           |             |        |            |  |
|           | R50CA004 | 9.40                         | 1.73 | 4.13 | 1.70 | 0.22      | 0.04        | 14.87  | 32.09      |                             |      |      |     |           |             |        |            |  |
|           | R50CA005 | 9.39                         | 1.73 | 4.13 | 1.70 | 0.22      | 0.04        | 14.86  | 32.07      |                             |      |      |     |           |             |        |            |  |
|           | R50CA009 | 12.28                        | 2.28 | 5.60 | 2.30 | 0.48      | 0.09        | 19.45  | 42.48      |                             |      |      |     |           |             |        |            |  |
|           | R50CA011 | 15.17                        | 2.80 | 5.60 | 2.30 | 0.48      | 0.09        | 24.01  | 50.45      |                             |      |      |     |           |             |        |            |  |
|           | R50DY001 | 8.28                         | 1.53 | 3.79 | 1.56 | 0.24      | 0.04        | 13.10  | 28.54      |                             |      |      |     |           |             |        |            |  |
|           | R50DY002 | 8.95                         | 1.65 | 3.79 | 1.56 | 0.18      | 0.03        | 14.15  | 30.31      |                             |      |      |     |           |             |        |            |  |
|           | R50DY003 | 9.91                         | 1.85 | 5.83 | 2.39 | 0.48      | 0.09        | 15.71  | 36.26      |                             |      |      |     |           |             |        |            |  |
|           | R50DY004 | 11.30                        | 2.10 | 5.83 | 2.39 | 0.48      | 0.09        | 17.90  | 40.09      |                             |      |      |     |           |             |        |            |  |
|           | R50DY005 | 10.84                        | 2.02 | 5.83 | 2.39 | 0.48      | 0.09        | 17.19  | 38.84      |                             |      |      |     |           |             |        |            |  |
|           | R50DY006 | 14.86                        | 2.75 | 5.95 | 2.44 | 0.48      | 0.09        | 23.54  | 50.11      |                             |      |      |     |           |             |        |            |  |
|           | R50HY005 | 6.73                         | 1.24 | 2.90 | 1.19 | 0.18      | 0.03        | 10.65  | 22.92      |                             |      |      |     |           |             |        |            |  |
|           | R50HY007 | 8.75                         | 1.61 | 4.13 | 1.70 | 0.17      | 0.03        | 13.84  | 30.23      |                             |      |      |     |           |             |        |            |  |
|           | R50HY008 | 9.83                         | 1.81 | 4.13 | 1.70 | 0.16      | 0.03        | 15.55  | 33.21      |                             |      |      |     |           |             |        |            |  |
|           | R50HY009 | 12.90                        | 2.39 | 5.76 | 2.36 | 0.48      | 0.09        | 20.44  | 44.42      |                             |      |      |     |           |             |        |            |  |
|           | R50HY012 | 13.95                        | 2.58 | 5.76 | 2.36 | 0.48      | 0.09        | 22.09  | 47.31      |                             |      |      |     |           |             |        |            |  |
|           | R50IN001 | 7.16                         | 1.32 | 2.94 | 1.21 | 0.18      | 0.03        | 11.33  | 24.17      |                             |      |      |     |           |             |        |            |  |
|           | R50SI001 | 4.42                         | 0.81 | 0.93 | 0.38 | 0.07      | 0.01        | 6.99   | 13.61      |                             |      |      |     |           |             |        |            |  |
|           | R50SI002 | 5.39                         | 0.99 | 1.04 | 0.43 | 0.10      | 0.02        | 8.53   | 16.50      |                             |      |      |     |           |             |        |            |  |
|           | R50SI003 | 8.66                         | 1.59 | 2.82 | 1.16 | 0.10      | 0.02        | 13.70  | 28.05      |                             |      |      |     |           |             |        |            |  |
|           | R50SI004 | 11.51                        | 2.11 | 3.52 | 1.44 | 0.10      | 0.02        | 18.19  | 36.89      |                             |      |      |     |           |             |        |            |  |
|           | R50SI005 | 16.90                        | 3.09 | 3.32 | 1.36 | 0.10      | 0.02        | 26.71  | 51.50      |                             |      |      |     |           |             |        |            |  |
|           | R50SI006 | 6.41                         | 1.18 | 2.36 | 0.97 | 0.19      | 0.03        | 10.14  | 21.28      |                             |      |      |     |           |             |        |            |  |
|           | R50SI007 | 7.00                         | 1.29 | 2.36 | 0.97 | 0.19      | 0.03        | 11.08  | 22.92      |                             |      |      |     |           |             |        |            |  |
|           | R50SI008 | 7.69                         | 1.45 | 3.32 | 1.36 | 0.54      | 0.10        | 12.22  | 26.68      |                             |      |      |     |           |             |        |            |  |
|           | R50SI009 | 8.61                         | 1.61 | 3.32 | 1.36 | 0.54      | 0.10        | 13.67  | 29.21      |                             |      |      |     |           |             |        |            |  |
|           | R50SI010 | 8.73                         | 1.61 | 3.32 | 1.36 | 0.22      | 0.04        | 13.81  | 29.09      |                             |      |      |     |           |             |        |            |  |
|           | R50SI011 | 9.31                         | 1.71 | 3.32 | 1.36 | 0.21      | 0.04        | 14.72  | 30.67      |                             |      |      |     |           |             |        |            |  |
|           | R50SI012 | 10.31                        | 1.90 | 3.32 | 1.36 | 0.21      | 0.04        | 16.31  | 33.45      |                             |      |      |     |           |             |        |            |  |
| R50SI013  | 9.28     | 1.73                         | 4.56 | 1.87 | 0.45 | 0.08      | 14.72       | 32.69  |            |                             |      |      |     |           |             |        |            |  |
| R50SI014  | 10.16    | 1.89                         | 4.56 | 1.87 | 0.45 | 0.08      | 16.11       | 35.12  |            |                             |      |      |     |           |             |        |            |  |
| R50SI015  | 9.79     | 1.80                         | 4.56 | 1.87 | 0.21 | 0.04      | 15.48       | 33.75  |            |                             |      |      |     |           |             |        |            |  |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |       |      |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>R50</b> | <i>cont.</i> |                              |      |       |      |           |             |        |            |                             |      |       |      |           |             |        |            |
|            | R50SI016     | 10.86                        | 2.02 | 4.56  | 1.87 | 0.45      | 0.08        | 17.20  | 37.04      |                             |      |       |      |           |             |        |            |
|            | R50SI017     | 12.44                        | 2.30 | 4.56  | 1.87 | 0.45      | 0.08        | 19.71  | 41.41      |                             |      |       |      |           |             |        |            |
|            | R50SI018     | 21.60                        | 3.97 | 6.30  | 2.59 | 0.45      | 0.08        | 34.17  | 69.16      |                             |      |       |      |           |             |        |            |
|            | R50SI019     | 22.80                        | 4.19 | 6.30  | 2.59 | 0.45      | 0.08        | 36.06  | 72.47      |                             |      |       |      |           |             |        |            |
| <b>R55</b> | R55AE001     | 0.96                         | 0.13 | 0.67  | 3.51 | 0.03      | 0.01        | 1.17   | 6.48       |                             |      |       |      |           |             |        |            |
|            | R55AE002     | 1.37                         | 0.18 | 0.67  | 5.21 | 0.03      | 0.01        | 1.65   | 9.12       |                             |      |       |      |           |             |        |            |
|            | R55AE003     | 1.55                         | 0.21 | 0.67  | 6.81 | 0.06      | 0.01        | 1.88   | 11.19      |                             |      |       |      |           |             |        |            |
|            | R55AE004     | 1.86                         | 0.26 | 0.67  | 7.21 | 0.15      | 0.03        | 2.26   | 12.44      |                             |      |       |      |           |             |        |            |
|            | R55AE008     | 0.67                         | 0.09 | 0.67  | 0.21 | 0.00      | 0.00        | 0.80   | 2.44       |                             |      |       |      |           |             |        |            |
|            | R55AE009     | 0.24                         | 0.03 | 0.76  | 0.23 | 0.00      | 0.00        | 0.29   | 1.55       |                             |      |       |      |           |             |        |            |
|            | R55AE010     | 0.44                         | 0.06 | 1.34  | 0.41 | 0.00      | 0.00        | 0.53   | 2.78       |                             |      |       |      |           |             |        |            |
|            | R55GL001     | 0.40                         | 0.05 | 0.00  | 0.50 | 0.03      | 0.01        | 0.48   | 1.47       |                             |      |       |      |           |             |        |            |
|            | R55GL002     | 1.32                         | 0.17 | 0.42  | 0.63 | 0.03      | 0.01        | 1.60   | 4.18       |                             |      |       |      |           |             |        |            |
|            | R55GL003     | 1.74                         | 0.23 | 0.76  | 0.98 | 0.03      | 0.01        | 2.10   | 5.85       |                             |      |       |      |           |             |        |            |
|            | R55GL004     | 1.93                         | 0.26 | 0.76  | 1.23 | 0.06      | 0.01        | 2.33   | 6.58       |                             |      |       |      |           |             |        |            |
|            | R55GL007     | 1.56                         | 0.20 | 1.51  | 0.46 | 0.00      | 0.00        | 1.88   | 5.61       |                             |      |       |      |           |             |        |            |
|            | R55GL008     | 0.37                         | 0.05 | 0.42  | 0.13 | 0.00      | 0.00        | 0.45   | 1.42       |                             |      |       |      |           |             |        |            |
|            | R55GL009     | 0.30                         | 0.04 | 0.67  | 0.21 | 0.00      | 0.00        | 0.36   | 1.58       |                             |      |       |      |           |             |        |            |
|            | R55GL011     | 0.80                         | 0.10 | 1.34  | 0.41 | 0.00      | 0.00        | 0.97   | 3.62       |                             |      |       |      |           |             |        |            |
|            | R55GL012     | 1.54                         | 0.20 | 0.76  | 0.98 | 0.03      | 0.01        | 1.86   | 5.38       |                             |      |       |      |           |             |        |            |
|            | R55GL013     | 0.15                         | 0.02 | 0.00  | 0.25 | 0.03      | 0.01        | 0.18   | 0.64       |                             |      |       |      |           |             |        |            |
|            | R55GL014     | 0.37                         | 0.05 | 0.00  | 0.35 | 0.00      | 0.00        | 0.45   | 1.22       |                             |      |       |      |           |             |        |            |
|            | R55GL015     | 1.11                         | 0.14 | 0.76  | 0.23 | 0.00      | 0.00        | 1.34   | 3.58       |                             |      |       |      |           |             |        |            |
|            | R55GL016     | 0.75                         | 0.10 | 0.76  | 0.23 | 0.00      | 0.00        | 0.90   | 2.74       |                             |      |       |      |           |             |        |            |
| R55GL017   | 0.23         | 0.03                         | 0.42 | 0.13  | 0.00 | 0.00      | 0.28        | 1.09   |            |                             |      |       |      |           |             |        |            |
| R55GL018   | 0.24         | 0.03                         | 0.42 | 0.13  | 0.00 | 0.00      | 0.29        | 1.11   |            |                             |      |       |      |           |             |        |            |
| R55GL019   | 0.44         | 0.06                         | 0.67 | 0.21  | 0.00 | 0.00      | 0.53        | 1.91   |            |                             |      |       |      |           |             |        |            |
| <b>S10</b> | S10CA001     | 17.12                        | 3.96 | 4.85  | 2.49 | 2.46      | 0.45        | 20.99  | 52.32      | 21.40                       | 4.05 | 6.47  | 3.32 | 4.06      | 0.74        | 27.99  | 68.03      |
|            | S10CA002     | 26.41                        | 5.62 | 7.35  | 3.02 | 4.83      | 0.88        | 26.39  | 74.50      | 33.02                       | 5.76 | 9.79  | 4.02 | 8.02      | 1.46        | 35.53  | 97.60      |
|            | S10CA003     | 39.88                        | 8.39 | 10.12 | 4.15 | 5.53      | 1.00        | 39.77  | 108.84     | 49.85                       | 8.60 | 13.49 | 5.54 | 9.20      | 1.67        | 53.55  | 141.90     |
|            | S10ID001     | 20.20                        | 4.64 | 4.57  | 2.34 | 2.42      | 0.44        | 24.72  | 59.33      | 25.24                       | 4.74 | 6.10  | 3.13 | 4.00      | 0.73        | 32.96  | 76.90      |
|            | S10JD001     | 17.02                        | 3.93 | 4.99  | 2.56 | 2.34      | 0.42        | 20.86  | 52.12      | 21.28                       | 4.02 | 6.65  | 3.41 | 3.88      | 0.70        | 27.81  | 67.75      |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>S10</b> | <b>cont.</b> |                              |       |       |       |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | S10JD002     | 26.08                        | 5.57  | 7.43  | 3.05  | 5.16      | 0.94        | 26.07  | 74.30      | 32.59                       | 5.71  | 9.91  | 4.07  | 8.58      | 1.56        | 35.10  | 97.52      |
| <b>S15</b> | S15CA001     | 20.31                        | 7.04  | 9.50  | 3.90  | 5.99      | 1.09        | 20.29  | 68.12      | 28.78                       | 7.21  | 12.26 | 5.03  | 9.95      | 1.81        | 30.96  | 96.00      |
|            | S15CA002     | 31.01                        | 10.70 | 11.72 | 4.81  | 8.32      | 1.51        | 30.95  | 99.02      | 43.93                       | 10.96 | 15.12 | 6.21  | 13.83     | 2.51        | 47.23  | 139.79     |
|            | S15CA003     | 40.73                        | 14.00 | 15.47 | 6.35  | 9.97      | 1.81        | 40.63  | 128.96     | 57.70                       | 14.34 | 19.96 | 8.19  | 16.57     | 3.01        | 62.00  | 181.77     |
|            | S15TE001     | 26.75                        | 9.32  | 12.50 | 5.13  | 8.97      | 1.63        | 26.74  | 91.04      | 37.89                       | 9.55  | 16.13 | 6.62  | 14.91     | 2.71        | 40.80  | 128.61     |
| <b>S20</b> | S20CA001     | 23.59                        | 8.12  | 14.92 | 4.98  | 7.94      | 1.44        | 23.54  | 84.53      | 33.42                       | 8.32  | 19.58 | 6.53  | 13.80     | 2.50        | 35.92  | 120.07     |
|            | S20CA002     | 25.09                        | 8.62  | 14.92 | 4.98  | 7.94      | 1.44        | 25.03  | 88.02      | 35.55                       | 8.83  | 19.58 | 6.53  | 13.80     | 2.50        | 38.19  | 124.98     |
|            | S20CA003     | 39.45                        | 13.49 | 18.82 | 6.28  | 11.05     | 2.01        | 39.33  | 130.43     | 55.89                       | 13.82 | 24.70 | 8.24  | 19.19     | 3.48        | 60.01  | 185.33     |
|            | S20CA004     | 41.22                        | 14.08 | 18.82 | 6.28  | 11.05     | 2.01        | 41.08  | 134.54     | 58.40                       | 14.42 | 24.70 | 8.24  | 19.19     | 3.48        | 62.69  | 191.12     |
|            | S20CA005     | 49.58                        | 16.93 | 25.53 | 8.51  | 13.23     | 2.40        | 49.41  | 165.59     | 70.24                       | 17.34 | 33.51 | 11.18 | 22.97     | 4.17        | 75.40  | 234.81     |
|            | S20CA006     | 53.00                        | 17.94 | 25.53 | 8.51  | 10.11     | 1.83        | 52.75  | 169.67     | 75.09                       | 18.37 | 33.51 | 11.18 | 17.56     | 3.19        | 80.48  | 239.38     |
|            | S20TE001     | 17.83                        | 6.15  | 7.80  | 2.60  | 6.40      | 1.16        | 17.79  | 59.73      | 25.25                       | 6.30  | 10.23 | 3.41  | 11.12     | 2.02        | 27.15  | 85.48      |
|            | S20TE002     | 34.71                        | 12.01 | 19.89 | 6.63  | 13.27     | 2.41        | 34.67  | 123.59     | 49.18                       | 12.31 | 26.10 | 8.71  | 23.05     | 4.18        | 52.90  | 176.43     |
| <b>S25</b> | S25RM001     | 6.58                         | 1.92  | 0.00  | 1.51  | 2.07      | 0.38        | 7.63   | 20.09      | 7.89                        | 1.95  | 0.00  | 1.51  | 2.70      | 0.49        | 9.81   | 24.35      |
|            | S25RM002     | 7.40                         | 2.19  | 0.00  | 1.51  | 2.64      | 0.48        | 8.61   | 22.83      | 8.88                        | 2.23  | 0.00  | 1.51  | 3.44      | 0.62        | 11.07  | 27.75      |
|            | S25RM003     | 4.97                         | 1.54  | 0.00  | 1.51  | 2.47      | 0.45        | 5.85   | 16.79      | 5.97                        | 1.56  | 0.00  | 1.51  | 3.23      | 0.59        | 7.52   | 20.38      |
| <b>S30</b> | S30HW001     | 22.71                        | 4.61  | 20.15 | 15.13 | 0.00      | 0.00        | 34.20  | 96.80      |                             |       |       |       |           |             |        |            |
|            | S30HW002     | 30.84                        | 6.26  | 28.21 | 20.78 | 0.00      | 0.00        | 46.44  | 132.53     |                             |       |       |       |           |             |        |            |
|            | S30HW003     | 22.71                        | 4.61  | 9.70  | 5.48  | 0.00      | 0.00        | 34.20  | 76.70      |                             |       |       |       |           |             |        |            |
|            | S30HW004     | 30.84                        | 6.26  | 13.58 | 7.38  | 0.00      | 0.00        | 46.44  | 104.50     |                             |       |       |       |           |             |        |            |
|            | S30HW005     | 11.90                        | 2.41  | 3.22  | 3.86  | 0.00      | 0.00        | 17.92  | 39.31      |                             |       |       |       |           |             |        |            |
|            | S30HW006     | 19.79                        | 4.02  | 8.06  | 7.65  | 0.00      | 0.00        | 29.81  | 69.33      |                             |       |       |       |           |             |        |            |
|            | S30HW007     | 21.50                        | 4.36  | 10.07 | 9.31  | 0.00      | 0.00        | 32.38  | 77.62      |                             |       |       |       |           |             |        |            |
|            | S30HW008     | 22.46                        | 4.56  | 10.07 | 9.81  | 0.00      | 0.00        | 33.82  | 80.72      |                             |       |       |       |           |             |        |            |
|            | S30HW009     | 23.31                        | 4.73  | 12.09 | 11.48 | 0.00      | 0.00        | 35.10  | 86.71      |                             |       |       |       |           |             |        |            |
|            | S30HW010     | 28.38                        | 5.76  | 16.12 | 14.30 | 0.00      | 0.00        | 42.73  | 107.29     |                             |       |       |       |           |             |        |            |
|            | S30HW011     | 27.83                        | 5.65  | 16.12 | 14.05 | 0.00      | 0.00        | 41.92  | 105.57     |                             |       |       |       |           |             |        |            |
|            | S30HW012     | 32.87                        | 6.67  | 16.12 | 14.80 | 0.00      | 0.00        | 49.50  | 119.96     |                             |       |       |       |           |             |        |            |
|            | S30HW013     | 26.96                        | 5.47  | 36.27 | 28.43 | 0.00      | 0.00        | 40.60  | 137.73     |                             |       |       |       |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>S30</b> | <b>cont.</b> |                              |      |       |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | S30HW014     | 8.17                         | 1.82 | 1.21  | 2.20 | 0.00      | 0.00        | 10.45  | 23.85      |                             |      |      |     |           |             |        |            |
|            | S30HW015     | 8.99                         | 2.00 | 2.02  | 2.97 | 0.00      | 0.00        | 11.51  | 27.49      |                             |      |      |     |           |             |        |            |
|            | S30HW016     | 8.50                         | 1.89 | 1.61  | 2.53 | 0.00      | 0.00        | 10.88  | 25.41      |                             |      |      |     |           |             |        |            |
|            | S30HW017     | 9.17                         | 2.04 | 2.02  | 3.02 | 0.00      | 0.00        | 11.74  | 27.99      |                             |      |      |     |           |             |        |            |
|            | S30HW018     | 10.95                        | 2.44 | 3.22  | 3.86 | 0.00      | 0.00        | 14.01  | 34.48      |                             |      |      |     |           |             |        |            |
|            | S30KB001     | 2.08                         | 0.49 | 1.21  | 1.70 | 0.24      | 0.04        | 2.35   | 8.11       |                             |      |      |     |           |             |        |            |
|            | S30KB002     | 2.25                         | 0.53 | 1.21  | 1.70 | 0.38      | 0.07        | 2.55   | 8.69       |                             |      |      |     |           |             |        |            |
|            | S30KB003     | 2.21                         | 0.52 | 2.02  | 2.42 | 0.27      | 0.05        | 2.50   | 9.99       |                             |      |      |     |           |             |        |            |
|            | S30KB004     | 2.50                         | 0.60 | 2.02  | 2.42 | 0.44      | 0.08        | 2.84   | 10.90      |                             |      |      |     |           |             |        |            |
|            | S30KB005     | 2.59                         | 0.62 | 2.42  | 2.75 | 0.48      | 0.09        | 2.94   | 11.89      |                             |      |      |     |           |             |        |            |
|            | S30KB006     | 3.04                         | 0.72 | 3.22  | 3.36 | 0.52      | 0.09        | 3.45   | 14.40      |                             |      |      |     |           |             |        |            |
|            | S30KB008     | 4.51                         | 1.07 | 1.61  | 2.28 | 0.59      | 0.11        | 5.12   | 15.29      |                             |      |      |     |           |             |        |            |
|            | S30KB009     | 5.62                         | 1.33 | 1.61  | 2.28 | 0.76      | 0.14        | 6.37   | 18.11      |                             |      |      |     |           |             |        |            |
|            | S30KB011     | 4.67                         | 1.12 | 2.42  | 2.90 | 0.78      | 0.14        | 5.31   | 17.34      |                             |      |      |     |           |             |        |            |
|            | S30KB012     | 6.78                         | 1.59 | 3.22  | 3.46 | 0.85      | 0.15        | 7.67   | 23.72      |                             |      |      |     |           |             |        |            |
|            | S30KB014     | 6.64                         | 1.56 | 4.03  | 4.03 | 0.86      | 0.16        | 7.52   | 24.80      |                             |      |      |     |           |             |        |            |
|            | S30KB015     | 7.49                         | 1.76 | 4.84  | 4.59 | 0.94      | 0.17        | 8.48   | 28.27      |                             |      |      |     |           |             |        |            |
|            | S30KB018     | 5.62                         | 1.31 | 2.02  | 2.52 | 0.58      | 0.11        | 6.35   | 18.51      |                             |      |      |     |           |             |        |            |
|            | S30KB021     | 6.63                         | 1.54 | 3.22  | 3.36 | 0.69      | 0.13        | 7.49   | 23.06      |                             |      |      |     |           |             |        |            |
|            | S30KB024     | 7.80                         | 1.81 | 4.84  | 4.74 | 0.80      | 0.15        | 8.81   | 28.95      |                             |      |      |     |           |             |        |            |
|            | S30KB025     | 4.02                         | 0.93 | 1.61  | 2.18 | 0.41      | 0.07        | 4.54   | 13.76      |                             |      |      |     |           |             |        |            |
|            | S30KB026     | 4.79                         | 1.11 | 1.61  | 2.23 | 0.46      | 0.08        | 5.41   | 15.69      |                             |      |      |     |           |             |        |            |
|            | S30KB027     | 6.05                         | 1.40 | 2.02  | 2.57 | 0.58      | 0.11        | 6.83   | 19.56      |                             |      |      |     |           |             |        |            |
|            | S30KB028     | 4.58                         | 1.06 | 2.42  | 2.90 | 0.47      | 0.09        | 5.17   | 16.69      |                             |      |      |     |           |             |        |            |
|            | S30KB029     | 5.64                         | 1.31 | 2.42  | 2.90 | 0.54      | 0.10        | 6.37   | 19.28      |                             |      |      |     |           |             |        |            |
|            | S30KB030     | 7.14                         | 1.65 | 3.22  | 3.46 | 0.69      | 0.13        | 8.06   | 24.35      |                             |      |      |     |           |             |        |            |
|            | S30KB031     | 5.98                         | 1.38 | 4.03  | 4.08 | 0.55      | 0.10        | 6.75   | 22.87      |                             |      |      |     |           |             |        |            |
|            | S30KB032     | 7.21                         | 1.66 | 4.03  | 4.18 | 0.63      | 0.11        | 8.13   | 25.95      |                             |      |      |     |           |             |        |            |
|            | S30KB033     | 8.40                         | 1.94 | 4.84  | 4.69 | 0.80      | 0.15        | 9.48   | 30.30      |                             |      |      |     |           |             |        |            |
|            | S30KB034     | 17.67                        | 3.63 | 9.27  | 7.85 | 0.40      | 0.07        | 26.65  | 65.54      |                             |      |      |     |           |             |        |            |
|            | S30KB035     | 18.13                        | 3.74 | 11.28 | 9.51 | 0.61      | 0.11        | 27.36  | 70.74      |                             |      |      |     |           |             |        |            |
|            | S30KB036     | 20.61                        | 4.24 | 11.28 | 9.51 | 0.61      | 0.11        | 31.11  | 77.47      |                             |      |      |     |           |             |        |            |
|            | S30KB037     | 5.56                         | 1.27 | 2.02  | 2.73 | 0.27      | 0.05        | 7.15   | 19.05      |                             |      |      |     |           |             |        |            |
|            | S30KB038     | 5.75                         | 1.32 | 2.02  | 2.73 | 0.37      | 0.07        | 7.40   | 19.66      |                             |      |      |     |           |             |        |            |
|            | S30KB039     | 7.70                         | 1.75 | 2.11  | 3.01 | 0.34      | 0.06        | 9.89   | 24.86      |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>S30</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | S30KB040     | 8.23                         | 1.87  | 2.11  | 3.01  | 0.37      | 0.07        | 10.58  | 26.24      |                             |      |      |     |           |             |        |            |
|            | S30KL001     | 5.81                         | 1.30  | 0.00  | 2.50  | 0.06      | 0.01        | 7.45   | 17.13      |                             |      |      |     |           |             |        |            |
|            | S30KL002     | 7.30                         | 1.64  | 0.00  | 3.00  | 0.09      | 0.02        | 9.36   | 21.41      |                             |      |      |     |           |             |        |            |
|            | S30KL003     | 9.13                         | 2.04  | 0.00  | 3.50  | 0.09      | 0.02        | 11.70  | 26.48      |                             |      |      |     |           |             |        |            |
|            | S30RA002     | 4.87                         | 1.09  | 0.69  | 1.50  | 0.07      | 0.01        | 6.24   | 14.47      |                             |      |      |     |           |             |        |            |
|            | S30RA003     | 7.53                         | 1.69  | 1.36  | 2.24  | 0.13      | 0.02        | 9.65   | 22.62      |                             |      |      |     |           |             |        |            |
|            | S30RA004     | 9.77                         | 2.19  | 1.36  | 2.49  | 0.13      | 0.02        | 12.53  | 28.49      |                             |      |      |     |           |             |        |            |
|            | S30TS001     | 2.55                         | 0.60  | 0.81  | 1.47  | 0.41      | 0.07        | 2.89   | 8.80       |                             |      |      |     |           |             |        |            |
|            | S30TS002     | 2.89                         | 0.67  | 1.21  | 1.70  | 0.32      | 0.06        | 3.27   | 10.12      |                             |      |      |     |           |             |        |            |
|            | S30TS003     | 2.66                         | 0.64  | 0.81  | 1.72  | 0.47      | 0.09        | 3.03   | 9.42       |                             |      |      |     |           |             |        |            |
|            | S30TS004     | 3.07                         | 0.72  | 1.61  | 2.18  | 0.37      | 0.07        | 3.47   | 11.49      |                             |      |      |     |           |             |        |            |
|            | S30TS005     | 2.82                         | 0.68  | 1.61  | 1.93  | 0.55      | 0.10        | 3.20   | 10.89      |                             |      |      |     |           |             |        |            |
|            | S30TS006     | 3.30                         | 0.77  | 1.61  | 2.43  | 0.42      | 0.08        | 3.73   | 12.34      |                             |      |      |     |           |             |        |            |
|            | S30TS007     | 2.93                         | 0.69  | 1.61  | 1.93  | 0.37      | 0.07        | 3.32   | 10.92      |                             |      |      |     |           |             |        |            |
|            | S30TS008     | 3.39                         | 0.80  | 2.02  | 2.67  | 0.47      | 0.09        | 3.84   | 13.28      |                             |      |      |     |           |             |        |            |
|            | S30TS009     | 20.01                        | 4.06  | 24.18 | 16.96 | 0.00      | 0.00        | 30.13  | 95.34      |                             |      |      |     |           |             |        |            |
|            | S30TS010     | 29.79                        | 6.04  | 32.24 | 22.61 | 0.00      | 0.00        | 44.86  | 135.54     |                             |      |      |     |           |             |        |            |
|            | S30TS011     | 50.28                        | 10.20 | 64.48 | 45.22 | 0.00      | 0.00        | 75.71  | 245.89     |                             |      |      |     |           |             |        |            |
|            | S30TS012     | 15.51                        | 3.15  | 16.12 | 11.80 | 0.00      | 0.00        | 23.35  | 69.93      |                             |      |      |     |           |             |        |            |
|            | S30TS013     | 16.62                        | 3.37  | 16.12 | 11.80 | 0.00      | 0.00        | 25.02  | 72.93      |                             |      |      |     |           |             |        |            |
|            | S30TS014     | 21.47                        | 4.36  | 20.15 | 14.63 | 0.00      | 0.00        | 32.33  | 92.94      |                             |      |      |     |           |             |        |            |
|            | S30TS015     | 21.90                        | 4.44  | 20.15 | 14.63 | 0.00      | 0.00        | 32.98  | 94.10      |                             |      |      |     |           |             |        |            |
|            | S30TS016     | 30.61                        | 6.21  | 24.18 | 17.46 | 0.00      | 0.00        | 46.09  | 124.55     |                             |      |      |     |           |             |        |            |
|            | S30TS017     | 31.80                        | 6.45  | 24.18 | 17.46 | 0.00      | 0.00        | 47.88  | 127.77     |                             |      |      |     |           |             |        |            |
|            | S30TS020     | 9.13                         | 1.85  | 8.06  | 7.15  | 0.00      | 0.00        | 13.75  | 39.94      |                             |      |      |     |           |             |        |            |
| S30TS021   | 12.84        | 2.61                         | 16.12 | 12.30 | 0.00  | 0.00      | 19.34       | 63.21  |            |                             |      |      |     |           |             |        |            |
| S30TS022   | 15.84        | 3.21                         | 24.18 | 17.96 | 0.00  | 0.00      | 23.86       | 85.05  |            |                             |      |      |     |           |             |        |            |
| S30TS023   | 20.29        | 4.12                         | 32.24 | 23.61 | 0.00  | 0.00      | 30.56       | 110.82 |            |                             |      |      |     |           |             |        |            |
| S30TS025   | 46.11        | 9.35                         | 32.24 | 23.61 | 0.00  | 0.00      | 69.43       | 180.74 |            |                             |      |      |     |           |             |        |            |
| S30TS026   | 46.68        | 9.47                         | 40.30 | 28.26 | 0.00  | 0.00      | 70.29       | 195.00 |            |                             |      |      |     |           |             |        |            |
| <b>S35</b> |              |                              |       |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | S35AR001     | 0.28                         | 0.05  | 0.00  | 0.00  | 0.00      | 0.00        | 0.35   | 0.68       |                             |      |      |     |           |             |        |            |
|            | S35AR002     | 0.41                         | 0.08  | 0.00  | 0.00  | 0.00      | 0.00        | 0.53   | 1.02       |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |          | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |
|------------|----------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.  | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>S40</b> | S40CA001 | 18.00                        | 4.03  | 9.29  | 3.34 | 0.31      | 0.06        | 24.84  | 59.87      | 22.49                       | 4.12  | 12.38 | 4.45 | 0.49      | 0.09        | 34.68  | 78.70      |
|            | S40CA002 | 18.44                        | 4.19  | 9.29  | 3.34 | 1.16      | 0.21        | 25.53  | 62.16      | 23.05                       | 4.28  | 12.38 | 4.45 | 1.82      | 0.33        | 35.64  | 81.95      |
|            | S40SI020 | 61.13                        | 13.71 | 9.42  | 3.38 | 1.79      | 0.32        | 84.40  | 174.15     | 76.42                       | 14.02 | 12.57 | 4.51 | 3.03      | 0.55        | 117.84 | 228.94     |
|            | S40SI021 | 57.92                        | 12.97 | 10.53 | 3.78 | 1.34      | 0.24        | 79.95  | 166.73     | 72.40                       | 13.26 | 14.04 | 5.04 | 2.28      | 0.41        | 111.62 | 219.05     |
|            |          |                              |       |       |      |           |             |        |            |                             |       |       |      |           |             |        |            |
| <b>S45</b> | S45DA004 | 1.86                         | 0.26  | 0.00  | 0.25 | 0.00      | 0.00        | 2.97   | 5.34       |                             |       |       |      |           |             |        |            |
|            | S45DA005 | 1.92                         | 0.27  | 0.00  | 0.25 | 0.00      | 0.00        | 3.07   | 5.51       |                             |       |       |      |           |             |        |            |
|            | S45DA006 | 1.88                         | 0.27  | 0.00  | 0.25 | 0.00      | 0.00        | 3.00   | 5.40       |                             |       |       |      |           |             |        |            |
|            | S45DA007 | 1.94                         | 0.28  | 0.00  | 0.25 | 0.00      | 0.00        | 3.11   | 5.58       |                             |       |       |      |           |             |        |            |
| <b>T10</b> | T10CA001 | 0.94                         | 0.21  | 0.00  | 0.08 | 0.00      | 0.00        | 1.20   | 2.43       | 1.17                        | 0.21  | 0.00  | 0.08 | 0.00      | 0.00        | 1.69   | 3.15       |
|            | T10CA002 | 0.80                         | 0.18  | 0.00  | 0.08 | 0.00      | 0.00        | 1.02   | 2.08       | 1.00                        | 0.18  | 0.00  | 0.08 | 0.00      | 0.00        | 1.44   | 2.70       |
|            | T10CA004 | 1.03                         | 0.23  | 0.00  | 0.08 | 0.00      | 0.00        | 1.31   | 2.65       | 1.28                        | 0.23  | 0.00  | 0.08 | 0.00      | 0.00        | 1.84   | 3.43       |
|            | T10CA005 | 1.43                         | 0.32  | 0.00  | 0.08 | 0.00      | 0.00        | 1.83   | 3.66       | 1.79                        | 0.33  | 0.00  | 0.08 | 0.00      | 0.00        | 2.57   | 4.77       |
|            | T10CA007 | 1.13                         | 0.25  | 0.00  | 0.08 | 0.00      | 0.00        | 1.44   | 2.90       | 1.41                        | 0.26  | 0.00  | 0.08 | 0.00      | 0.00        | 2.03   | 3.78       |
|            | T10CA008 | 1.96                         | 0.44  | 0.00  | 0.08 | 0.00      | 0.00        | 2.51   | 4.99       | 2.45                        | 0.45  | 0.00  | 0.08 | 0.00      | 0.00        | 3.53   | 6.51       |
|            | T10CA009 | 1.83                         | 0.41  | 0.00  | 0.08 | 0.00      | 0.00        | 2.33   | 4.65       | 2.28                        | 0.42  | 0.00  | 0.08 | 0.00      | 0.00        | 3.28   | 6.06       |
|            | T10CA010 | 1.98                         | 0.44  | 0.00  | 0.08 | 0.00      | 0.00        | 2.53   | 5.03       | 2.47                        | 0.45  | 0.00  | 0.08 | 0.00      | 0.00        | 3.56   | 6.56       |
|            | T10CA011 | 2.56                         | 0.57  | 0.00  | 0.08 | 0.00      | 0.00        | 3.27   | 6.48       | 3.20                        | 0.58  | 0.00  | 0.08 | 0.00      | 0.00        | 4.59   | 8.45       |
|            | T10CA012 | 2.74                         | 0.61  | 0.00  | 0.08 | 0.00      | 0.00        | 3.50   | 6.93       | 3.43                        | 0.62  | 0.00  | 0.08 | 0.00      | 0.00        | 4.92   | 9.05       |
|            | T10CA013 | 3.01                         | 0.67  | 0.00  | 0.08 | 0.00      | 0.00        | 3.84   | 7.60       | 3.76                        | 0.68  | 0.00  | 0.08 | 0.00      | 0.00        | 5.40   | 9.92       |
|            | T10CA014 | 2.84                         | 0.63  | 0.00  | 0.08 | 0.00      | 0.00        | 3.63   | 7.18       | 3.55                        | 0.65  | 0.00  | 0.08 | 0.00      | 0.00        | 5.10   | 9.38       |
|            | T10CA015 | 3.21                         | 0.71  | 0.00  | 0.10 | 0.00      | 0.00        | 4.10   | 8.12       | 4.01                        | 0.73  | 0.00  | 0.10 | 0.00      | 0.00        | 5.77   | 10.61      |
|            | T10CA016 | 3.27                         | 0.73  | 0.00  | 0.12 | 0.00      | 0.00        | 4.18   | 8.30       | 4.09                        | 0.74  | 0.00  | 0.12 | 0.00      | 0.00        | 5.88   | 10.83      |
|            | T10CA017 | 3.54                         | 0.79  | 0.00  | 0.13 | 0.00      | 0.00        | 4.52   | 8.98       | 4.43                        | 0.81  | 0.00  | 0.13 | 0.00      | 0.00        | 6.36   | 11.73      |
|            | T10CA018 | 3.21                         | 0.71  | 0.00  | 0.13 | 0.00      | 0.00        | 4.10   | 8.15       | 4.01                        | 0.73  | 0.00  | 0.13 | 0.00      | 0.00        | 5.76   | 10.63      |
|            | T10CA019 | 0.09                         | 0.02  | 0.00  | 0.05 | 0.00      | 0.00        | 0.12   | 0.28       | 0.12                        | 0.02  | 0.00  | 0.05 | 0.00      | 0.00        | 0.17   | 0.36       |
|            | T10CA020 | 3.21                         | 0.71  | 0.00  | 0.15 | 0.00      | 0.00        | 4.10   | 8.17       | 4.01                        | 0.73  | 0.00  | 0.15 | 0.00      | 0.00        | 5.77   | 10.66      |
|            | T10CA021 | 4.69                         | 1.05  | 0.00  | 0.19 | 0.00      | 0.00        | 6.00   | 11.93      | 5.87                        | 1.07  | 0.00  | 0.19 | 0.00      | 0.00        | 8.43   | 15.56      |
|            | T10CA022 | 5.10                         | 1.14  | 0.00  | 0.19 | 0.00      | 0.00        | 6.52   | 12.95      | 6.38                        | 1.16  | 0.00  | 0.19 | 0.00      | 0.00        | 9.17   | 16.90      |
|            | T10CA023 | 3.71                         | 0.83  | 0.00  | 0.20 | 0.00      | 0.00        | 4.74   | 9.48       | 4.63                        | 0.84  | 0.00  | 0.20 | 0.00      | 0.00        | 6.66   | 12.33      |
|            | T10CA024 | 6.39                         | 1.42  | 0.00  | 0.28 | 0.00      | 0.00        | 8.16   | 16.25      | 7.98                        | 1.45  | 0.00  | 0.28 | 0.00      | 0.00        | 11.47  | 21.18      |
|            | T10CA025 | 6.57                         | 1.46  | 0.00  | 0.29 | 0.00      | 0.00        | 8.40   | 16.72      | 8.22                        | 1.50  | 0.00  | 0.29 | 0.00      | 0.00        | 11.81  | 21.82      |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T10</b> | <i>cont.</i> |                              |       |       |      |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | T10CA026     | 9.71                         | 2.16  | 0.00  | 0.40 | 0.00      | 0.00        | 12.41  | 24.68      | 12.14                       | 2.21  | 0.00  | 0.40  | 0.00      | 0.00        | 17.45  | 32.20      |
|            | T10CA027     | 10.65                        | 2.37  | 0.00  | 0.42 | 0.00      | 0.00        | 13.61  | 27.05      | 13.31                       | 2.43  | 0.00  | 0.42  | 0.00      | 0.00        | 19.14  | 35.30      |
|            | T10ID001     | 1.72                         | 0.38  | 0.00  | 0.05 | 0.00      | 0.00        | 2.20   | 4.35       | 2.15                        | 0.39  | 0.00  | 0.05  | 0.00      | 0.00        | 3.09   | 5.68       |
|            | T10ID002     | 1.95                         | 0.43  | 0.00  | 0.05 | 0.00      | 0.00        | 2.49   | 4.92       | 2.44                        | 0.44  | 0.00  | 0.05  | 0.00      | 0.00        | 3.50   | 6.43       |
|            | T10ID003     | 2.88                         | 0.64  | 0.00  | 0.05 | 0.00      | 0.00        | 3.68   | 7.25       | 3.60                        | 0.66  | 0.00  | 0.05  | 0.00      | 0.00        | 5.17   | 9.48       |
|            | T10ID004     | 3.13                         | 0.70  | 0.00  | 0.05 | 0.00      | 0.00        | 4.00   | 7.88       | 3.92                        | 0.71  | 0.00  | 0.05  | 0.00      | 0.00        | 5.63   | 10.31      |
|            | T10ID005     | 4.05                         | 0.90  | 0.00  | 0.10 | 0.00      | 0.00        | 5.18   | 10.23      | 5.06                        | 0.92  | 0.00  | 0.10  | 0.00      | 0.00        | 7.28   | 13.36      |
|            | T10ID006     | 4.49                         | 1.00  | 0.00  | 0.12 | 0.00      | 0.00        | 5.73   | 11.34      | 5.61                        | 1.02  | 0.00  | 0.12  | 0.00      | 0.00        | 8.06   | 14.81      |
|            | T10ID007     | 4.37                         | 0.97  | 0.00  | 0.08 | 0.00      | 0.00        | 5.58   | 11.00      | 5.46                        | 0.99  | 0.00  | 0.08  | 0.00      | 0.00        | 7.85   | 14.38      |
|            | T10ID008     | 4.90                         | 1.09  | 0.00  | 0.13 | 0.00      | 0.00        | 6.26   | 12.38      | 6.13                        | 1.12  | 0.00  | 0.13  | 0.00      | 0.00        | 8.81   | 16.19      |
|            | T10JD001     | 0.49                         | 0.11  | 0.00  | 0.00 | 0.00      | 0.00        | 0.62   | 1.22       | 0.61                        | 0.11  | 0.00  | 0.00  | 0.00      | 0.00        | 0.88   | 1.60       |
|            | T10LE001     | 0.52                         | 0.12  | 0.00  | 0.00 | 0.00      | 0.00        | 0.66   | 1.30       | 0.65                        | 0.12  | 0.00  | 0.00  | 0.00      | 0.00        | 0.93   | 1.70       |
|            | T10LE002     | 0.58                         | 0.13  | 0.00  | 0.00 | 0.00      | 0.00        | 0.75   | 1.46       | 0.73                        | 0.13  | 0.00  | 0.00  | 0.00      | 0.00        | 1.05   | 1.91       |
|            | T10LE003     | 0.63                         | 0.14  | 0.00  | 0.00 | 0.00      | 0.00        | 0.81   | 1.58       | 0.79                        | 0.14  | 0.00  | 0.00  | 0.00      | 0.00        | 1.14   | 2.07       |
| T10LE004   | 1.08         | 0.24                         | 0.00  | 0.00  | 0.00 | 0.00      | 1.38        | 2.70   | 1.35       | 0.25                        | 0.00  | 0.00  | 0.00  | 0.00      | 1.94        | 3.54   |            |
| T10LE005   | 1.20         | 0.27                         | 0.00  | 0.00  | 0.00 | 0.00      | 1.53        | 3.00   | 1.50       | 0.27                        | 0.00  | 0.00  | 0.00  | 0.00      | 2.16        | 3.93   |            |
| <b>T15</b> | T15CA002     | 6.45                         | 1.58  | 2.12  | 0.98 | 0.00      | 0.00        | 13.19  | 24.32      | 8.07                        | 1.61  | 2.76  | 1.27  | 0.00      | 0.00        | 17.86  | 31.57      |
|            | T15CA005     | 7.23                         | 1.77  | 2.42  | 1.12 | 0.00      | 0.00        | 14.78  | 27.32      | 9.04                        | 1.81  | 3.16  | 1.46  | 0.00      | 0.00        | 20.02  | 35.49      |
|            | T15CA008     | 12.52                        | 3.07  | 4.23  | 1.95 | 0.00      | 0.00        | 25.60  | 47.37      | 15.65                       | 3.13  | 5.53  | 2.55  | 0.00      | 0.00        | 34.67  | 61.53      |
|            | T15CA009     | 14.68                        | 3.60  | 4.99  | 2.30 | 0.00      | 0.00        | 30.02  | 55.59      | 18.36                       | 3.67  | 6.51  | 3.01  | 0.00      | 0.00        | 40.65  | 72.20      |
|            | T15CA010     | 13.47                        | 3.31  | 4.99  | 2.30 | 0.00      | 0.00        | 27.54  | 51.61      | 16.84                       | 3.37  | 6.51  | 3.01  | 0.00      | 0.00        | 37.29  | 67.02      |
|            | T15CA011     | 17.09                        | 4.19  | 5.59  | 2.58 | 0.00      | 0.00        | 34.93  | 64.38      | 21.36                       | 4.27  | 7.30  | 3.37  | 0.00      | 0.00        | 47.31  | 83.61      |
|            | T15CA012     | 22.34                        | 5.48  | 6.96  | 3.21 | 0.00      | 0.00        | 45.65  | 83.64      | 27.92                       | 5.59  | 9.08  | 4.19  | 0.00      | 0.00        | 61.83  | 108.61     |
|            | T15CA014     | 15.69                        | 6.04  | 7.26  | 2.61 | 0.00      | 0.00        | 25.07  | 56.67      | 18.83                       | 6.10  | 9.48  | 3.40  | 0.00      | 0.00        | 33.09  | 70.90      |
|            | T15CA016     | 16.58                        | 6.38  | 9.22  | 3.31 | 0.00      | 0.00        | 26.49  | 61.98      | 19.90                       | 6.44  | 12.04 | 4.32  | 0.00      | 0.00        | 34.97  | 77.67      |
|            | T15CA017     | 22.79                        | 8.77  | 12.25 | 4.40 | 0.00      | 0.00        | 36.41  | 84.62      | 27.35                       | 8.86  | 15.99 | 5.74  | 0.00      | 0.00        | 48.06  | 106.00     |
|            | T15CA018     | 26.84                        | 11.34 | 17.24 | 5.31 | 0.00      | 0.00        | 44.40  | 105.13     | 39.37                       | 11.58 | 22.50 | 6.93  | 0.00      | 0.00        | 71.00  | 151.38     |
|            | T15CA019     | 43.48                        | 18.37 | 25.70 | 7.91 | 0.00      | 0.00        | 71.92  | 167.38     | 63.77                       | 18.77 | 33.56 | 10.33 | 0.00      | 0.00        | 115.01 | 241.44     |
|            | T15CA020     | 6.41                         | 1.57  | 2.42  | 1.12 | 0.00      | 0.00        | 13.09  | 24.61      | 8.01                        | 1.60  | 3.16  | 1.46  | 0.00      | 0.00        | 17.73  | 31.96      |
|            | T15CA021     | 6.87                         | 1.68  | 2.72  | 1.26 | 0.00      | 0.00        | 14.03  | 26.56      | 8.58                        | 1.72  | 3.55  | 1.64  | 0.00      | 0.00        | 19.01  | 34.50      |
|            | T15CA022     | 7.42                         | 1.82  | 2.72  | 1.26 | 0.00      | 0.00        | 15.18  | 28.40      | 9.28                        | 1.86  | 3.55  | 1.64  | 0.00      | 0.00        | 20.55  | 36.88      |
|            | T15CS004     | 6.06                         | 1.49  | 2.03  | 0.94 | 0.00      | 0.00        | 12.38  | 22.90      | 7.57                        | 1.51  | 2.65  | 1.22  | 0.00      | 0.00        | 16.76  | 29.71      |
|            | T15CS005     | 7.04                         | 1.73  | 2.42  | 1.12 | 0.00      | 0.00        | 14.39  | 26.70      | 8.80                        | 1.76  | 3.16  | 1.46  | 0.00      | 0.00        | 19.49  | 34.67      |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T15</b> | <i>cont.</i> |                              |       |       |      |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | T15CS006     | 7.88                         | 1.93  | 2.69  | 1.24 | 0.00      | 0.00        | 16.11  | 29.85      | 9.85                        | 1.97  | 3.51  | 1.62  | 0.00      | 0.00        | 21.82  | 38.77      |
|            | T15CS007     | 10.72                        | 2.63  | 3.57  | 1.65 | 0.00      | 0.00        | 21.91  | 40.48      | 13.40                       | 2.68  | 4.66  | 2.15  | 0.00      | 0.00        | 29.67  | 52.56      |
|            | T15FI003     | 8.32                         | 2.04  | 3.24  | 1.50 | 0.00      | 0.00        | 17.00  | 32.10      | 10.40                       | 2.08  | 4.22  | 1.95  | 0.00      | 0.00        | 23.02  | 41.67      |
|            | T15FI014     | 10.71                        | 2.63  | 3.78  | 1.75 | 0.00      | 0.00        | 21.90  | 40.77      | 13.39                       | 2.68  | 4.93  | 2.28  | 0.00      | 0.00        | 29.66  | 52.94      |
|            | T15FI015     | 12.17                        | 2.99  | 5.05  | 2.33 | 0.00      | 0.00        | 24.87  | 47.41      | 15.21                       | 3.04  | 6.59  | 3.04  | 0.00      | 0.00        | 33.69  | 61.57      |
|            | T15FI016     | 10.22                        | 3.93  | 7.29  | 2.62 | 0.00      | 0.00        | 16.32  | 40.38      | 12.26                       | 3.97  | 9.51  | 3.42  | 0.00      | 0.00        | 21.55  | 50.71      |
|            | T15ID001     | 5.98                         | 1.47  | 2.12  | 0.98 | 0.00      | 0.00        | 12.23  | 22.78      | 7.48                        | 1.50  | 2.76  | 1.27  | 0.00      | 0.00        | 16.56  | 29.57      |
|            | T15ID002     | 6.72                         | 1.65  | 2.42  | 1.12 | 0.00      | 0.00        | 13.75  | 25.66      | 8.41                        | 1.68  | 3.16  | 1.46  | 0.00      | 0.00        | 18.62  | 33.33      |
|            | T15ID003     | 11.29                        | 2.77  | 3.78  | 1.75 | 0.00      | 0.00        | 23.08  | 42.67      | 14.11                       | 2.82  | 4.93  | 2.28  | 0.00      | 0.00        | 31.26  | 55.40      |
|            | T15ID004     | 14.37                        | 3.53  | 4.23  | 1.95 | 0.00      | 0.00        | 29.37  | 53.45      | 17.96                       | 3.59  | 5.53  | 2.55  | 0.00      | 0.00        | 39.78  | 69.41      |
|            | T15ID005     | 23.25                        | 5.71  | 6.80  | 3.14 | 0.00      | 0.00        | 47.53  | 86.43      | 29.06                       | 5.82  | 8.88  | 4.10  | 0.00      | 0.00        | 64.37  | 112.23     |
|            | T15ID006     | 19.41                        | 7.47  | 9.68  | 3.48 | 0.00      | 0.00        | 31.01  | 71.05      | 23.29                       | 7.54  | 12.63 | 4.54  | 0.00      | 0.00        | 40.94  | 88.94      |
|            | T15ID008     | 26.85                        | 11.35 | 15.72 | 4.84 | 0.00      | 0.00        | 44.42  | 103.18     | 39.38                       | 11.59 | 20.53 | 6.32  | 0.00      | 0.00        | 71.03  | 148.85     |
|            | T15JD001     | 4.30                         | 1.06  | 1.81  | 0.84 | 0.00      | 0.00        | 8.79   | 16.80      | 5.38                        | 1.08  | 2.37  | 1.09  | 0.00      | 0.00        | 11.91  | 21.83      |
| T15JD002   | 5.08         | 1.25                         | 2.12  | 0.98  | 0.00 | 0.00      | 10.38       | 19.81  | 6.35       | 1.27                        | 2.76  | 1.27  | 0.00  | 0.00      | 14.05       | 25.70  |            |
| T15JD003   | 6.17         | 1.51                         | 2.42  | 1.12  | 0.00 | 0.00      | 12.61       | 23.83  | 7.71       | 1.54                        | 3.16  | 1.46  | 0.00  | 0.00      | 17.08       | 30.95  |            |
| T15JD004   | 6.84         | 1.68                         | 2.72  | 1.26  | 0.00 | 0.00      | 13.97       | 26.47  | 8.55       | 1.71                        | 3.55  | 1.64  | 0.00  | 0.00      | 18.93       | 34.38  |            |
| T15JD005   | 12.27        | 3.01                         | 4.23  | 1.95  | 0.00 | 0.00      | 25.07       | 46.53  | 15.33      | 3.07                        | 5.53  | 2.55  | 0.00  | 0.00      | 33.96       | 60.44  |            |
| T15JD006   | 12.78        | 3.14                         | 4.23  | 1.95  | 0.00 | 0.00      | 26.12       | 48.22  | 15.97      | 3.20                        | 5.53  | 2.55  | 0.00  | 0.00      | 35.37       | 62.62  |            |
| T15JD007   | 15.09        | 3.70                         | 5.59  | 2.58  | 0.00 | 0.00      | 30.85       | 57.81  | 18.87      | 3.77                        | 7.30  | 3.37  | 0.00  | 0.00      | 41.78       | 75.09  |            |
| T15JD008   | 16.68        | 4.09                         | 5.59  | 2.58  | 0.00 | 0.00      | 34.10       | 63.04  | 20.85      | 4.17                        | 7.30  | 3.37  | 0.00  | 0.00      | 46.18       | 81.87  |            |
| T15KM001   | 7.11         | 1.74                         | 2.12  | 0.98  | 0.00 | 0.00      | 14.53       | 26.48  | 8.88       | 1.78                        | 2.76  | 1.27  | 0.00  | 0.00      | 19.68       | 34.37  |            |
| T15KM002   | 7.42         | 1.82                         | 2.42  | 1.12  | 0.00 | 0.00      | 15.17       | 27.95  | 9.28       | 1.86                        | 3.16  | 1.46  | 0.00  | 0.00      | 20.55       | 36.31  |            |
| T15KM003   | 13.01        | 3.19                         | 3.93  | 1.81  | 0.00 | 0.00      | 26.58       | 48.52  | 16.26      | 3.25                        | 5.13  | 2.37  | 0.00  | 0.00      | 36.00       | 63.01  |            |
| T15KM007   | 24.56        | 6.03                         | 6.80  | 3.14  | 0.00 | 0.00      | 50.21       | 90.74  | 30.70      | 6.14                        | 8.88  | 4.10  | 0.00  | 0.00      | 68.00       | 117.82 |            |
| T15KM008   | 19.96        | 7.68                         | 9.13  | 3.28  | 0.00 | 0.00      | 31.88       | 71.93  | 23.95      | 7.75                        | 11.92 | 4.28  | 0.00  | 0.00      | 42.09       | 89.99  |            |
| T15KM011   | 47.86        | 20.22                        | 23.28 | 7.17  | 0.00 | 0.00      | 79.16       | 177.69 | 70.19      | 20.65                       | 30.40 | 9.36  | 0.00  | 0.00      | 126.59      | 257.19 |            |
| T15KM012   | 27.30        | 10.51                        | 12.25 | 4.40  | 0.00 | 0.00      | 43.61       | 98.07  | 32.76      | 10.61                       | 15.99 | 5.74  | 0.00  | 0.00      | 57.58       | 122.68 |            |
| T15KM013   | 22.67        | 5.56                         | 5.75  | 2.66  | 0.00 | 0.00      | 46.33       | 82.97  | 28.34      | 5.67                        | 7.50  | 3.46  | 0.00  | 0.00      | 62.75       | 107.72 |            |
| <b>T20</b> |              |                              |       |       |      |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | T20CA001     | 17.92                        | 4.42  | 6.10  | 2.19 | 2.46      | 0.45        | 16.08  | 49.62      | 26.88                       | 4.61  | 8.13  | 2.92  | 5.16      | 0.94        | 26.15  | 74.79      |
|            | T20CA002     | 25.39                        | 6.33  | 8.73  | 3.14 | 4.66      | 0.85        | 22.81  | 71.91      | 38.08                       | 6.60  | 11.64 | 4.18  | 9.76      | 1.77        | 37.10  | 109.13     |
| T20CA003   | 38.28        | 9.60                         | 12.47 | 4.48  | 8.15 | 1.48      | 34.43       | 108.89 | 57.42      | 10.01                       | 16.63 | 5.97  | 17.07 | 3.10      | 56.00       | 166.20 |            |



**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |          | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|----------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.  | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T25</b> | T25CA001 | 15.56                        | 3.16 | 5.99  | 2.15 | 0.00      | 0.00        | 16.22  | 43.08      |                             |      |      |      |           |             |        |            |
|            | T25CA002 | 13.99                        | 2.84 | 8.32  | 2.99 | 0.00      | 0.00        | 14.58  | 42.72      |                             |      |      |      |           |             |        |            |
|            | T25CA004 | 15.35                        | 3.11 | 9.15  | 3.29 | 0.00      | 0.00        | 16.00  | 46.90      |                             |      |      |      |           |             |        |            |
|            | T25CA005 | 15.49                        | 3.14 | 9.84  | 3.53 | 0.00      | 0.00        | 16.14  | 48.14      |                             |      |      |      |           |             |        |            |
|            | T25JD005 | 2.04                         | 0.36 | 1.11  | 0.40 | 0.27      | 0.05        | 2.14   | 6.37       |                             |      |      |      |           |             |        |            |
|            | T25JD006 | 2.58                         | 0.45 | 1.66  | 0.60 | 0.39      | 0.07        | 2.71   | 8.46       |                             |      |      |      |           |             |        |            |
|            | T25JD007 | 3.56                         | 0.63 | 2.36  | 0.85 | 0.72      | 0.13        | 3.75   | 12.00      |                             |      |      |      |           |             |        |            |
|            | T25JD008 | 5.36                         | 0.92 | 2.91  | 1.05 | 0.47      | 0.09        | 5.61   | 16.41      |                             |      |      |      |           |             |        |            |
|            | T25JD009 | 7.03                         | 1.20 | 3.60  | 1.29 | 0.47      | 0.09        | 7.35   | 21.03      |                             |      |      |      |           |             |        |            |
|            | T25JD010 | 9.17                         | 1.59 | 4.44  | 1.59 | 0.98      | 0.18        | 9.62   | 27.57      |                             |      |      |      |           |             |        |            |
|            | T25JD011 | 11.07                        | 1.90 | 5.54  | 1.99 | 0.98      | 0.18        | 11.60  | 33.26      |                             |      |      |      |           |             |        |            |
|            | T25JD012 | 11.63                        | 2.15 | 8.59  | 3.08 | 3.03      | 0.55        | 12.32  | 41.35      |                             |      |      |      |           |             |        |            |
|            | T25JD013 | 15.30                        | 2.76 | 11.78 | 4.23 | 3.03      | 0.55        | 16.15  | 53.80      |                             |      |      |      |           |             |        |            |
| <b>T30</b> | T30CS003 | 2.25                         | 0.42 | 0.94  | 0.34 | 0.11      | 0.02        | 3.28   | 7.36       | 2.77                        | 0.43 | 1.26 | 0.45 | 0.15      | 0.03        | 4.48   | 9.57       |
|            | T30CS004 | 2.49                         | 0.48 | 0.83  | 0.30 | 0.29      | 0.05        | 3.66   | 8.10       | 3.07                        | 0.49 | 1.11 | 0.40 | 0.41      | 0.07        | 5.00   | 10.55      |
|            | T30CS005 | 3.12                         | 0.60 | 0.94  | 0.34 | 0.29      | 0.05        | 4.56   | 9.90       | 3.84                        | 0.61 | 1.26 | 0.45 | 0.41      | 0.07        | 6.24   | 12.88      |
|            | T30CS006 | 4.34                         | 0.82 | 1.28  | 0.46 | 0.30      | 0.05        | 6.34   | 13.59      | 5.34                        | 0.84 | 1.70 | 0.61 | 0.42      | 0.08        | 8.67   | 17.66      |
|            | T30CS007 | 4.86                         | 0.91 | 1.55  | 0.56 | 0.30      | 0.05        | 7.10   | 15.33      | 5.98                        | 0.94 | 2.07 | 0.74 | 0.42      | 0.08        | 9.71   | 19.94      |
|            | T30CS008 | 8.24                         | 1.55 | 2.19  | 0.79 | 0.55      | 0.10        | 12.03  | 25.45      | 10.14                       | 1.59 | 2.92 | 1.05 | 0.78      | 0.14        | 16.46  | 33.08      |
|            | T30DW005 | 2.80                         | 0.54 | 1.22  | 0.44 | 0.29      | 0.05        | 4.11   | 9.45       | 3.45                        | 0.55 | 1.63 | 0.59 | 0.41      | 0.07        | 5.62   | 12.32      |
|            | T30DW010 | 10.63                        | 2.03 | 2.94  | 1.06 | 1.03      | 0.19        | 15.57  | 33.45      | 13.08                       | 2.09 | 3.92 | 1.41 | 1.46      | 0.26        | 21.29  | 43.51      |
|            | T30DW011 | 13.22                        | 2.41 | 2.94  | 1.06 | 0.00      | 0.00        | 19.16  | 38.79      | 16.27                       | 2.47 | 3.92 | 1.41 | 0.00      | 0.00        | 26.21  | 50.28      |
|            | T30DW012 | 0.76                         | 0.14 | 1.18  | 0.42 | 0.03      | 0.01        | 1.10   | 3.64       | 0.93                        | 0.14 | 1.55 | 0.56 | 0.04      | 0.01        | 1.50   | 4.73       |
|            | T30DW013 | 1.12                         | 0.21 | 1.64  | 0.59 | 0.07      | 0.01        | 1.63   | 5.27       | 1.37                        | 0.22 | 2.14 | 0.77 | 0.10      | 0.02        | 2.23   | 6.85       |
|            | T30DW014 | 2.59                         | 0.50 | 0.97  | 0.35 | 0.30      | 0.05        | 3.80   | 8.56       | 3.18                        | 0.51 | 1.29 | 0.46 | 0.42      | 0.08        | 5.19   | 11.13      |
|            | T30DW015 | 3.81                         | 0.72 | 1.44  | 0.52 | 0.30      | 0.05        | 5.57   | 12.41      | 4.69                        | 0.74 | 1.92 | 0.69 | 0.42      | 0.08        | 7.62   | 16.16      |
|            | T30DW016 | 4.29                         | 0.80 | 1.47  | 0.53 | 0.19      | 0.03        | 6.25   | 13.56      | 5.28                        | 0.82 | 1.96 | 0.70 | 0.27      | 0.05        | 8.55   | 17.63      |
|            | T30DW017 | 4.90                         | 0.92 | 2.05  | 0.74 | 0.30      | 0.05        | 7.14   | 16.10      | 6.03                        | 0.94 | 2.74 | 0.98 | 0.42      | 0.08        | 9.77   | 20.96      |
|            | T30DW018 | 6.18                         | 1.15 | 2.16  | 0.78 | 0.30      | 0.05        | 9.01   | 19.63      | 7.61                        | 1.18 | 2.88 | 1.03 | 0.42      | 0.08        | 12.32  | 25.52      |
|            | T30TM001 | 22.99                        | 4.19 | 5.13  | 1.84 | 0.00      | 0.00        | 33.34  | 67.49      | 28.30                       | 4.29 | 6.84 | 2.46 | 0.00      | 0.00        | 45.59  | 87.48      |
|            | T30TM002 | 23.40                        | 4.26 | 5.13  | 1.84 | 0.00      | 0.00        | 33.92  | 68.55      | 28.79                       | 4.37 | 6.84 | 2.46 | 0.00      | 0.00        | 46.40  | 88.86      |
|            | T30TM003 | 25.04                        | 4.56 | 5.13  | 1.84 | 0.00      | 0.00        | 36.31  | 72.88      | 30.82                       | 4.68 | 6.84 | 2.46 | 0.00      | 0.00        | 49.66  | 94.46      |
|            | T30TM004 | 24.82                        | 4.52 | 5.13  | 1.84 | 0.00      | 0.00        | 35.99  | 72.30      | 30.55                       | 4.64 | 6.84 | 2.46 | 0.00      | 0.00        | 49.23  | 93.72      |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T30</b> | <i>cont.</i> |                              |       |       |      |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | T30TM005     | 26.09                        | 4.75  | 5.13  | 1.84 | 0.00      | 0.00        | 37.83  | 75.64      | 32.11                       | 4.87  | 6.84  | 2.46 | 0.00      | 0.00        | 51.74  | 98.02      |
|            | T30TM006     | 28.01                        | 5.10  | 5.13  | 1.84 | 0.00      | 0.00        | 40.61  | 80.69      | 34.47                       | 5.23  | 6.84  | 2.46 | 0.00      | 0.00        | 55.55  | 104.55     |
|            | T30TM007     | 31.28                        | 5.70  | 6.65  | 2.39 | 0.00      | 0.00        | 45.35  | 91.37      | 38.49                       | 5.84  | 8.87  | 3.19 | 0.00      | 0.00        | 62.02  | 118.41     |
|            | T30TM008     | 32.49                        | 5.92  | 6.65  | 2.39 | 0.00      | 0.00        | 47.11  | 94.56      | 39.99                       | 6.07  | 8.87  | 3.19 | 0.00      | 0.00        | 64.43  | 122.55     |
|            | T30TM009     | 32.49                        | 5.92  | 7.48  | 2.69 | 0.00      | 0.00        | 47.10  | 95.68      | 39.98                       | 6.07  | 9.98  | 3.58 | 0.00      | 0.00        | 64.42  | 124.03     |
|            | T30TM010     | 36.32                        | 6.62  | 7.48  | 2.69 | 0.00      | 0.00        | 52.66  | 105.77     | 44.70                       | 6.78  | 9.98  | 3.58 | 0.00      | 0.00        | 72.02  | 137.06     |
|            | T30TM012     | 43.01                        | 7.84  | 9.70  | 3.48 | 0.00      | 0.00        | 62.37  | 126.40     | 52.94                       | 8.03  | 12.94 | 4.65 | 0.00      | 0.00        | 85.29  | 163.85     |
|            | T30TM013     | 67.39                        | 12.28 | 11.14 | 4.00 | 0.00      | 0.00        | 97.72  | 192.53     | 82.94                       | 12.59 | 14.86 | 5.34 | 0.00      | 0.00        | 133.64 | 249.37     |
|            | T30TM014     | 66.04                        | 12.03 | 13.94 | 5.01 | 0.00      | 0.00        | 95.75  | 192.77     | 81.27                       | 12.33 | 18.59 | 6.68 | 0.00      | 0.00        | 130.95 | 249.82     |
|            | T30TM015     | 69.75                        | 12.70 | 13.94 | 5.01 | 0.00      | 0.00        | 101.13 | 202.53     | 85.84                       | 13.03 | 18.59 | 6.68 | 0.00      | 0.00        | 138.31 | 262.45     |
|            | T30VE007     | 11.33                        | 2.06  | 2.36  | 0.85 | 0.00      | 0.00        | 16.43  | 33.03      | 13.94                       | 2.12  | 3.14  | 1.13 | 0.00      | 0.00        | 22.46  | 42.79      |
|            | T30VE008     | 19.05                        | 3.47  | 3.88  | 1.39 | 0.00      | 0.00        | 27.63  | 55.42      | 23.45                       | 3.56  | 5.17  | 1.86 | 0.00      | 0.00        | 37.79  | 71.83      |
| T30VE009   | 28.10        | 5.12                         | 4.99  | 1.79  | 0.00 | 0.00      | 40.74       | 80.74  | 34.58      | 5.25                        | 6.65  | 2.39  | 0.00 | 0.00      | 55.72       | 104.59 |            |
| T30VE010   | 35.67        | 6.50                         | 6.38  | 2.29  | 0.00 | 0.00      | 51.72       | 102.56 | 43.90      | 6.66                        | 8.50  | 3.05  | 0.00 | 0.00      | 70.73       | 132.84 |            |
| <b>T35</b> | T35CT001     | 13.90                        | 3.09  | 3.88  | 1.39 | 0.00      | 0.00        | 20.15  | 42.41      | 17.37                       | 3.16  | 5.17  | 1.86 | 0.00      | 0.00        | 27.99  | 55.55      |
|            | T35CT002     | 16.14                        | 3.59  | 3.88  | 1.39 | 0.00      | 0.00        | 23.40  | 48.40      | 20.17                       | 3.67  | 5.17  | 1.86 | 0.00      | 0.00        | 32.50  | 63.37      |
|            | T35CT003     | 18.17                        | 4.04  | 5.13  | 1.84 | 0.00      | 0.00        | 26.34  | 55.52      | 22.71                       | 4.14  | 6.84  | 2.46 | 0.00      | 0.00        | 36.59  | 72.74      |
|            | T35CT004     | 17.10                        | 3.81  | 2.83  | 1.02 | 0.00      | 0.00        | 24.79  | 49.55      | 21.37                       | 3.89  | 3.77  | 1.35 | 0.00      | 0.00        | 34.44  | 64.82      |
|            | T35CT005     | 16.99                        | 3.78  | 2.83  | 1.02 | 0.00      | 0.00        | 24.64  | 49.26      | 21.24                       | 3.87  | 3.77  | 1.35 | 0.00      | 0.00        | 34.22  | 64.45      |
|            | T35CT006     | 16.17                        | 3.60  | 2.83  | 1.02 | 0.00      | 0.00        | 23.44  | 47.06      | 20.21                       | 3.68  | 3.77  | 1.35 | 0.00      | 0.00        | 32.56  | 61.57      |
|            | T35CT007     | 17.93                        | 3.99  | 2.83  | 1.02 | 0.00      | 0.00        | 26.00  | 51.77      | 22.41                       | 4.08  | 3.77  | 1.35 | 0.00      | 0.00        | 36.12  | 67.73      |
|            | T35CT008     | 22.81                        | 5.08  | 4.16  | 1.49 | 0.00      | 0.00        | 33.07  | 66.61      | 28.51                       | 5.19  | 5.54  | 1.99 | 0.00      | 0.00        | 45.94  | 87.17      |
|            | T35CT009     | 26.71                        | 5.95  | 4.16  | 1.49 | 0.00      | 0.00        | 38.72  | 77.03      | 33.38                       | 6.08  | 5.54  | 1.99 | 0.00      | 0.00        | 53.79  | 100.78     |
|            | T35CT010     | 26.62                        | 5.93  | 4.16  | 1.49 | 0.00      | 0.00        | 38.60  | 76.80      | 33.27                       | 6.06  | 5.54  | 1.99 | 0.00      | 0.00        | 53.61  | 100.47     |
|            | T35CT011     | 31.65                        | 7.05  | 4.85  | 1.74 | 0.00      | 0.00        | 45.90  | 91.19      | 39.57                       | 7.21  | 6.47  | 2.32 | 0.00      | 0.00        | 63.75  | 119.32     |
| <b>T40</b> | T40AH001     | 1.85                         | 0.34  | 0.00  | 0.25 | 0.00      | 0.00        | 2.37   | 4.81       |                             |       |       |      |           |             |        |            |
|            | T40AH002     | 2.27                         | 0.41  | 0.00  | 0.25 | 0.00      | 0.00        | 2.90   | 5.83       |                             |       |       |      |           |             |        |            |
|            | T40AH003     | 3.22                         | 0.59  | 0.00  | 0.25 | 0.00      | 0.00        | 4.12   | 8.18       |                             |       |       |      |           |             |        |            |
|            | T40AH004     | 3.59                         | 0.65  | 0.00  | 0.25 | 0.00      | 0.00        | 4.59   | 9.08       |                             |       |       |      |           |             |        |            |
|            | T40GN001     | 0.97                         | 0.18  | 0.00  | 0.00 | 0.00      | 0.00        | 1.08   | 2.23       | 1.19                        | 0.18  | 0.00  | 0.00 | 0.00      | 0.00        | 1.53   | 2.90       |
|            | T40KF011     | 0.30                         | 0.06  | 0.00  | 0.00 | 0.00      | 0.00        | 0.29   | 0.65       |                             |       |       |      |           |             |        |            |
|            | T40KF013     | 0.33                         | 0.06  | 0.00  | 0.00 | 0.00      | 0.00        | 0.31   | 0.70       |                             |       |       |      |           |             |        |            |

Table 2-2 . HOURLY RATE ELEMENTS

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T40</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | T40KF014     | 0.35                         | 0.06 | 0.00 | 0.00 | 0.00      | 0.00        | 0.34   | 0.75       |                             |      |      |      |           |             |        |            |
|            | T40KF016     | 0.42                         | 0.08 | 0.00 | 0.00 | 0.00      | 0.00        | 0.40   | 0.90       |                             |      |      |      |           |             |        |            |
|            | T40KF018     | 0.50                         | 0.09 | 0.00 | 0.00 | 0.00      | 0.00        | 0.48   | 1.07       |                             |      |      |      |           |             |        |            |
|            | T40KF020     | 0.58                         | 0.11 | 0.00 | 0.00 | 0.00      | 0.00        | 0.56   | 1.25       |                             |      |      |      |           |             |        |            |
|            | T40KF021     | 0.26                         | 0.05 | 0.00 | 0.00 | 0.00      | 0.00        | 0.29   | 0.60       |                             |      |      |      |           |             |        |            |
|            | T40KF022     | 0.48                         | 0.09 | 0.00 | 0.00 | 0.00      | 0.00        | 0.53   | 1.10       |                             |      |      |      |           |             |        |            |
|            | T40KF023     | 0.31                         | 0.06 | 0.00 | 0.05 | 0.00      | 0.00        | 0.35   | 0.77       |                             |      |      |      |           |             |        |            |
|            | T40KF024     | 0.37                         | 0.07 | 0.00 | 0.05 | 0.00      | 0.00        | 0.41   | 0.90       |                             |      |      |      |           |             |        |            |
|            | T40LN003     | 3.44                         | 0.58 | 0.00 | 0.50 | 0.13      | 0.02        | 3.64   | 8.31       |                             |      |      |      |           |             |        |            |
|            | T40LN004     | 2.32                         | 0.39 | 0.00 | 0.50 | 0.00      | 0.00        | 2.45   | 5.66       |                             |      |      |      |           |             |        |            |
|            | T40LN005     | 2.38                         | 0.40 | 0.00 | 0.50 | 0.00      | 0.00        | 2.50   | 5.78       |                             |      |      |      |           |             |        |            |
|            | T40LN006     | 2.43                         | 0.40 | 0.00 | 0.50 | 0.00      | 0.00        | 2.56   | 5.89       |                             |      |      |      |           |             |        |            |
|            | T40LN007     | 2.51                         | 0.42 | 0.00 | 0.50 | 0.00      | 0.00        | 2.65   | 6.08       |                             |      |      |      |           |             |        |            |
|            | T40LN008     | 2.60                         | 0.43 | 0.00 | 0.50 | 0.00      | 0.00        | 2.74   | 6.27       |                             |      |      |      |           |             |        |            |
|            | T40LN009     | 2.65                         | 0.44 | 0.00 | 0.50 | 0.00      | 0.00        | 2.79   | 6.38       |                             |      |      |      |           |             |        |            |
|            | T40LN010     | 2.65                         | 0.44 | 0.00 | 0.50 | 0.00      | 0.00        | 2.79   | 6.38       |                             |      |      |      |           |             |        |            |
|            | T40LN011     | 2.70                         | 0.45 | 0.00 | 0.50 | 0.00      | 0.00        | 2.85   | 6.50       |                             |      |      |      |           |             |        |            |
|            | T40MY001     | 0.49                         | 0.09 | 0.00 | 0.00 | 0.00      | 0.00        | 0.55   | 1.13       | 0.61                        | 0.09 | 0.00 | 0.00 | 0.00      | 0.00        | 0.78   | 1.48       |
|            | T40MY002     | 0.54                         | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 0.60   | 1.24       | 0.66                        | 0.10 | 0.00 | 0.00 | 0.00      | 0.00        | 0.85   | 1.61       |
|            | T40MY003     | 0.60                         | 0.11 | 0.00 | 0.00 | 0.00      | 0.00        | 0.68   | 1.39       | 0.74                        | 0.11 | 0.00 | 0.00 | 0.00      | 0.00        | 0.95   | 1.80       |
| T40MY004   | 0.66         | 0.12                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.74        | 1.52   | 0.81       | 0.12                        | 0.00 | 0.00 | 0.00 | 0.00      | 1.04        | 1.97   |            |
| T40MY005   | 0.74         | 0.14                         | 0.00 | 0.00 | 0.00 | 0.00      | 0.83        | 1.71   | 0.91       | 0.14                        | 0.00 | 0.00 | 0.00 | 0.00      | 1.17        | 2.22   |            |
| T40RS001   | 1.69         | 0.31                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.62        | 3.62   |            |                             |      |      |      |           |             |        |            |
| T40RS002   | 1.97         | 0.36                         | 0.00 | 0.00 | 0.00 | 0.00      | 1.89        | 4.22   |            |                             |      |      |      |           |             |        |            |
| T40RS003   | 2.18         | 0.40                         | 0.00 | 0.00 | 0.00 | 0.00      | 2.09        | 4.67   |            |                             |      |      |      |           |             |        |            |
| T40WL001   | 10.74        | 1.96                         | 3.88 | 1.59 | 0.00 | 0.00      | 12.03       | 30.20  |            |                             |      |      |      |           |             |        |            |
| <b>T45</b> | T45EA002     | 0.26                         | 0.09 | 0.00 | 0.00 | 0.21      | 0.04        | 0.26   | 0.86       |                             |      |      |      |           |             |        |            |
|            | T45EA003     | 0.48                         | 0.19 | 0.00 | 0.00 | 0.53      | 0.10        | 0.50   | 1.80       |                             |      |      |      |           |             |        |            |
|            | T45EA004     | 0.69                         | 0.25 | 0.00 | 0.00 | 0.53      | 0.10        | 0.69   | 2.26       |                             |      |      |      |           |             |        |            |
|            | T45EA005     | 0.86                         | 0.36 | 0.00 | 0.00 | 1.13      | 0.21        | 0.91   | 3.47       |                             |      |      |      |           |             |        |            |
|            | T45EA006     | 1.52                         | 0.54 | 0.00 | 0.00 | 1.18      | 0.21        | 1.52   | 4.97       |                             |      |      |      |           |             |        |            |
|            | T45EA007     | 2.44                         | 0.86 | 0.00 | 0.00 | 1.78      | 0.32        | 2.43   | 7.83       |                             |      |      |      |           |             |        |            |
|            | T45FH001     | 1.94                         | 0.44 | 0.00 | 0.00 | 0.52      | 0.09        | 1.93   | 4.92       | 2.42                        | 0.45 | 0.00 | 0.00 | 0.63      | 0.11        | 2.78   | 6.39       |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T45</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | T45FH002     | 1.08                         | 0.34 | 0.00 | 0.00 | 0.48      | 0.09        | 1.04   | 3.03       |                             |      |      |      |           |             |        |            |
|            | T45FH003     | 1.11                         | 0.35 | 0.00 | 0.00 | 0.48      | 0.09        | 1.06   | 3.09       |                             |      |      |      |           |             |        |            |
|            | T45HA001     | 2.43                         | 0.55 | 0.00 | 0.50 | 0.08      | 0.01        | 3.12   | 6.69       |                             |      |      |      |           |             |        |            |
|            | T45HA002     | 2.94                         | 0.66 | 0.00 | 0.60 | 0.08      | 0.01        | 3.78   | 8.07       |                             |      |      |      |           |             |        |            |
|            | T45HA003     | 3.90                         | 0.88 | 0.00 | 0.70 | 0.14      | 0.03        | 5.02   | 10.67      |                             |      |      |      |           |             |        |            |
|            | T45MY001     | 1.62                         | 0.40 | 0.00 | 0.30 | 0.85      | 0.15        | 1.76   | 5.08       | 2.03                        | 0.41 | 0.00 | 0.30 | 1.03      | 0.19        | 2.52   | 6.48       |
|            | T45MY002     | 1.66                         | 0.41 | 0.00 | 0.30 | 0.85      | 0.15        | 1.81   | 5.18       | 2.08                        | 0.42 | 0.00 | 0.30 | 1.03      | 0.19        | 2.58   | 6.60       |
|            | T45MY003     | 1.93                         | 0.46 | 0.00 | 0.30 | 0.85      | 0.15        | 2.09   | 5.78       | 2.41                        | 0.47 | 0.00 | 0.30 | 1.03      | 0.19        | 2.98   | 7.38       |
|            | T45MY004     | 2.03                         | 0.48 | 0.00 | 0.30 | 0.85      | 0.15        | 2.19   | 6.00       | 2.54                        | 0.49 | 0.00 | 0.30 | 1.03      | 0.19        | 3.13   | 7.68       |
|            | T45MY005     | 1.97                         | 0.50 | 0.00 | 0.30 | 1.28      | 0.23        | 2.16   | 6.44       | 2.46                        | 0.52 | 0.00 | 0.30 | 1.54      | 0.28        | 3.09   | 8.19       |
|            | T45MY006     | 2.03                         | 0.52 | 0.00 | 0.30 | 1.28      | 0.23        | 2.23   | 6.59       | 2.54                        | 0.53 | 0.00 | 0.30 | 1.54      | 0.28        | 3.18   | 8.37       |
|            | T45MY007     | 2.13                         | 0.54 | 0.00 | 0.30 | 1.28      | 0.23        | 2.33   | 6.81       | 2.67                        | 0.55 | 0.00 | 0.30 | 1.54      | 0.28        | 3.33   | 8.67       |
|            | T45MY008     | 1.44                         | 0.36 | 0.00 | 0.30 | 0.85      | 0.15        | 1.57   | 4.67       | 1.80                        | 0.37 | 0.00 | 0.30 | 1.03      | 0.19        | 2.25   | 5.94       |
|            | T45MY009     | 1.49                         | 0.37 | 0.00 | 0.30 | 0.85      | 0.15        | 1.62   | 4.78       | 1.86                        | 0.38 | 0.00 | 0.30 | 1.03      | 0.19        | 2.31   | 6.07       |
|            | T45MY010     | 1.68                         | 0.41 | 0.00 | 0.30 | 0.85      | 0.15        | 1.82   | 5.21       | 2.10                        | 0.42 | 0.00 | 0.30 | 1.03      | 0.19        | 2.60   | 6.64       |
|            | T45MY011     | 1.78                         | 0.43 | 0.00 | 0.30 | 0.85      | 0.15        | 1.93   | 5.44       | 2.22                        | 0.44 | 0.00 | 0.30 | 1.03      | 0.19        | 2.75   | 6.93       |
|            | T45MY012     | 1.75                         | 0.46 | 0.00 | 0.30 | 1.28      | 0.23        | 1.92   | 5.94       | 2.18                        | 0.47 | 0.00 | 0.30 | 1.54      | 0.28        | 2.75   | 7.52       |
|            | T45MY013     | 1.79                         | 0.47 | 0.00 | 0.30 | 1.28      | 0.23        | 1.97   | 6.04       | 2.24                        | 0.48 | 0.00 | 0.30 | 1.54      | 0.28        | 2.82   | 7.66       |
|            | T45MY014     | 1.89                         | 0.49 | 0.00 | 0.30 | 1.28      | 0.23        | 2.08   | 6.27       | 2.37                        | 0.50 | 0.00 | 0.30 | 1.54      | 0.28        | 2.97   | 7.96       |
|            | T45MY015     | 1.60                         | 0.39 | 0.00 | 0.40 | 0.85      | 0.15        | 1.62   | 5.01       | 2.00                        | 0.40 | 0.00 | 0.40 | 1.03      | 0.19        | 2.33   | 6.35       |
|            | T45MY016     | 1.75                         | 0.43 | 0.00 | 0.40 | 0.85      | 0.15        | 1.77   | 5.35       | 2.19                        | 0.44 | 0.00 | 0.40 | 1.03      | 0.19        | 2.55   | 6.80       |
|            | T45MY017     | 1.89                         | 0.49 | 0.00 | 0.40 | 1.28      | 0.23        | 1.92   | 6.21       | 2.36                        | 0.50 | 0.00 | 0.40 | 1.54      | 0.28        | 2.77   | 7.85       |
|            | T45MY018     | 1.42                         | 0.31 | 0.00 | 0.40 | 0.85      | 0.15        | 1.34   | 4.47       |                             |      |      |      |           |             |        |            |
|            | T45TC001     | 0.22                         | 0.07 | 0.00 | 0.00 | 0.09      | 0.02        | 0.21   | 0.61       |                             |      |      |      |           |             |        |            |
|            | T45TC002     | 0.25                         | 0.08 | 0.00 | 0.00 | 0.08      | 0.01        | 0.24   | 0.66       |                             |      |      |      |           |             |        |            |
|            | T45TC003     | 0.27                         | 0.08 | 0.00 | 0.00 | 0.10      | 0.02        | 0.26   | 0.73       |                             |      |      |      |           |             |        |            |
|            | T45TC004     | 0.31                         | 0.10 | 0.00 | 0.00 | 0.10      | 0.02        | 0.30   | 0.83       |                             |      |      |      |           |             |        |            |
|            | T45TC005     | 0.45                         | 0.13 | 0.00 | 0.00 | 0.10      | 0.02        | 0.42   | 1.12       |                             |      |      |      |           |             |        |            |
|            | T45WR001     | 3.44                         | 0.98 | 0.00 | 0.50 | 0.45      | 0.08        | 4.48   | 9.93       |                             |      |      |      |           |             |        |            |
|            | T45WR002     | 5.00                         | 1.40 | 0.00 | 0.60 | 0.45      | 0.08        | 6.47   | 14.00      |                             |      |      |      |           |             |        |            |
|            | T45WR003     | 4.30                         | 1.22 | 0.00 | 0.60 | 0.45      | 0.08        | 5.58   | 12.23      |                             |      |      |      |           |             |        |            |
|            | T45WR004     | 3.42                         | 0.98 | 0.00 | 0.60 | 0.45      | 0.08        | 4.45   | 9.98       |                             |      |      |      |           |             |        |            |
| T45WR005   | 3.39         | 0.97                         | 0.00 | 0.50 | 0.45 | 0.08      | 4.41        | 9.80   |            |                             |      |      |      |           |             |        |            |
| T45XX001   | 2.85         | 0.62                         | 0.00 | 0.40 | 0.45 | 0.08      | 3.04        | 7.44   | 3.57       | 0.63                        | 0.00 | 0.40 | 0.54 | 0.10      | 4.34        | 9.58   |            |
| T45XX002   | 3.41         | 0.73                         | 0.00 | 0.40 | 0.45 | 0.08      | 3.63        | 8.70   | 4.27       | 0.75                        | 0.00 | 0.40 | 0.54 | 0.10      | 5.18        | 11.24  |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |      |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T45</b> | <i>cont.</i> |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
|            | T45XX003     | 3.47                         | 0.74 | 0.00 | 0.40 | 0.45      | 0.08        | 3.68   | 8.82       | 4.33                        | 0.76 | 0.00 | 0.40 | 0.54      | 0.10        | 5.26   | 11.39      |
|            | T45XX004     | 3.99                         | 0.88 | 0.00 | 0.40 | 0.85      | 0.15        | 4.26   | 10.53      | 4.99                        | 0.90 | 0.00 | 0.40 | 1.03      | 0.19        | 6.09   | 13.60      |
|            | T45XX005     | 4.82                         | 1.03 | 0.00 | 0.40 | 0.65      | 0.12        | 5.12   | 12.14      | 6.03                        | 1.06 | 0.00 | 0.40 | 0.78      | 0.14        | 7.32   | 15.73      |
|            | T45XX006     | 9.31                         | 2.17 | 0.00 | 0.40 | 3.49      | 0.63        | 10.03  | 26.03      | 11.64                       | 2.23 | 0.00 | 0.40 | 4.20      | 0.76        | 14.33  | 33.56      |
|            | T45XX007     | 10.56                        | 2.43 | 0.00 | 0.40 | 3.49      | 0.63        | 11.35  | 28.86      | 13.20                       | 2.49 | 0.00 | 0.40 | 4.20      | 0.76        | 16.22  | 37.27      |
|            | T45XX008     | 3.83                         | 0.81 | 0.00 | 0.40 | 0.45      | 0.08        | 3.78   | 9.35       | 4.79                        | 0.83 | 0.00 | 0.40 | 0.54      | 0.10        | 5.45   | 12.11      |
|            | T45XX009     | 2.75                         | 0.50 | 0.00 | 0.40 | 0.45      | 0.08        | 2.52   | 6.70       |                             |      |      |      |           |             |        |            |
|            | T45XX010     | 2.77                         | 0.50 | 0.00 | 0.40 | 0.45      | 0.08        | 2.54   | 6.74       |                             |      |      |      |           |             |        |            |
|            | T45XX011     | 1.78                         | 0.53 | 0.00 | 0.40 | 0.41      | 0.07        | 1.67   | 4.86       |                             |      |      |      |           |             |        |            |
|            | T45XX012     | 2.01                         | 0.59 | 0.00 | 0.40 | 0.39      | 0.07        | 1.88   | 5.34       |                             |      |      |      |           |             |        |            |
|            | T45XX013     | 2.19                         | 0.64 | 0.00 | 0.40 | 0.45      | 0.08        | 2.05   | 5.81       |                             |      |      |      |           |             |        |            |
|            | T45XX014     | 2.49                         | 0.74 | 0.00 | 0.50 | 0.62      | 0.11        | 2.34   | 6.80       |                             |      |      |      |           |             |        |            |
|            | T45XX015     | 2.63                         | 0.77 | 0.00 | 0.50 | 0.58      | 0.11        | 2.47   | 7.06       |                             |      |      |      |           |             |        |            |
|            | T45XX016     | 3.02                         | 0.89 | 0.00 | 0.50 | 0.67      | 0.12        | 2.83   | 8.03       |                             |      |      |      |           |             |        |            |
|            | T45XX017     | 3.15                         | 0.97 | 0.00 | 0.50 | 1.02      | 0.19        | 2.99   | 8.82       |                             |      |      |      |           |             |        |            |
|            | T45XX018     | 3.91                         | 1.17 | 0.00 | 0.50 | 1.02      | 0.19        | 3.68   | 10.47      |                             |      |      |      |           |             |        |            |
|            | T45XX019     | 4.05                         | 1.21 | 0.00 | 0.50 | 1.02      | 0.19        | 3.81   | 10.78      |                             |      |      |      |           |             |        |            |
|            | T45XX020     | 4.72                         | 1.38 | 0.00 | 0.60 | 0.90      | 0.16        | 4.42   | 12.18      |                             |      |      |      |           |             |        |            |
|            | T45XX021     | 5.03                         | 1.49 | 0.00 | 0.60 | 1.12      | 0.20        | 4.73   | 13.17      |                             |      |      |      |           |             |        |            |
|            | T45XX022     | 5.57                         | 1.66 | 0.00 | 0.60 | 1.36      | 0.25        | 5.24   | 14.68      |                             |      |      |      |           |             |        |            |
|            | T45XX023     | 6.42                         | 1.92 | 0.00 | 0.60 | 1.67      | 0.30        | 6.06   | 16.97      |                             |      |      |      |           |             |        |            |
|            | T45XX024     | 1.49                         | 0.45 | 0.00 | 0.09 | 0.45      | 0.08        | 1.41   | 3.97       |                             |      |      |      |           |             |        |            |
|            | T45XX025     | 1.44                         | 0.44 | 0.00 | 4.00 | 0.45      | 0.08        | 1.36   | 7.77       |                             |      |      |      |           |             |        |            |
|            | T45XX026     | 0.94                         | 0.29 | 0.00 | 0.40 | 0.29      | 0.05        | 0.89   | 2.86       |                             |      |      |      |           |             |        |            |
|            | T45XX027     | 1.04                         | 0.33 | 0.00 | 0.40 | 0.41      | 0.07        | 1.00   | 3.25       |                             |      |      |      |           |             |        |            |
|            | T45XX028     | 1.10                         | 0.35 | 0.00 | 0.40 | 0.53      | 0.10        | 1.06   | 3.54       |                             |      |      |      |           |             |        |            |
|            | T45XX029     | 2.89                         | 0.81 | 1.75 | 0.54 | 0.22      | 0.04        | 3.20   | 9.45       |                             |      |      |      |           |             |        |            |
|            | T45XX030     | 2.98                         | 0.86 | 1.75 | 0.54 | 0.45      | 0.08        | 3.33   | 9.99       |                             |      |      |      |           |             |        |            |
|            | T45XX031     | 3.13                         | 0.90 | 1.75 | 0.54 | 0.45      | 0.08        | 3.49   | 10.34      |                             |      |      |      |           |             |        |            |
|            | <b>T50</b>   |                              |      |      |      |           |             |        |            |                             |      |      |      |           |             |        |            |
| T50FO001   |              | 1.56                         | 0.28 | 2.46 | 0.88 | 0.14      | 0.03        | 1.72   | 7.07       | 1.99                        | 0.29 | 3.28 | 1.18 | 0.18      | 0.03        | 2.34   | 9.29       |
| T50FO002   |              | 1.83                         | 0.33 | 2.46 | 0.88 | 0.17      | 0.03        | 2.02   | 7.72       | 2.33                        | 0.34 | 3.28 | 1.18 | 0.22      | 0.04        | 2.75   | 10.14      |
| T50FO003   |              | 1.68                         | 0.31 | 2.46 | 0.88 | 0.29      | 0.05        | 1.86   | 7.53       | 2.14                        | 0.32 | 3.28 | 1.18 | 0.36      | 0.07        | 2.54   | 9.89       |
| T50FO004   | 1.95         | 0.36                         | 2.88 | 1.03 | 0.34 | 0.06      | 2.16        | 8.78   | 2.48       | 0.37                        | 3.84 | 1.38 | 0.45 | 0.08      | 2.94        | 11.54  |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |
|------------|--------------|------------------------------|------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T50</b> | <i>cont.</i> |                              |      |       |      |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | T50FO005     | 1.98                         | 0.37 | 2.88  | 1.03 | 0.46      | 0.08        | 2.20   | 9.00       | 2.52                        | 0.39  | 3.84  | 1.38 | 0.59      | 0.11        | 3.00   | 11.83      |
|            | T50FO006     | 2.24                         | 0.47 | 8.58  | 3.30 | 0.34      | 0.06        | 2.31   | 17.30      | 2.76                        | 0.48  | 11.27 | 4.34 | 0.42      | 0.08        | 3.06   | 22.41      |
|            | T50FO007     | 2.42                         | 0.51 | 4.28  | 1.43 | 0.34      | 0.06        | 2.49   | 11.53      | 2.98                        | 0.52  | 5.71  | 1.90 | 0.42      | 0.08        | 3.30   | 14.91      |
|            | T50FO008     | 2.35                         | 0.49 | 5.37  | 1.79 | 0.34      | 0.06        | 2.42   | 12.82      | 2.89                        | 0.50  | 7.16  | 2.39 | 0.42      | 0.08        | 3.21   | 16.65      |
|            | T50FO009     | 2.59                         | 0.54 | 5.44  | 1.81 | 0.34      | 0.06        | 2.66   | 13.44      | 3.19                        | 0.55  | 7.26  | 2.42 | 0.42      | 0.08        | 3.53   | 17.45      |
|            | T50FO010     | 3.13                         | 0.65 | 7.84  | 3.02 | 0.41      | 0.07        | 3.21   | 18.33      | 3.85                        | 0.67  | 10.30 | 3.96 | 0.51      | 0.09        | 4.26   | 23.64      |
|            | T50FO011     | 3.48                         | 0.74 | 5.29  | 1.76 | 0.70      | 0.13        | 3.60   | 15.70      | 4.29                        | 0.76  | 7.06  | 2.35 | 0.89      | 0.16        | 4.77   | 20.28      |
|            | T50FO013     | 6.23                         | 1.18 | 7.64  | 2.74 | 0.80      | 0.15        | 5.98   | 24.72      | 7.67                        | 1.21  | 9.70  | 3.48 | 1.03      | 0.19        | 8.49   | 31.77      |
|            | T50FO014     | 6.41                         | 1.22 | 7.64  | 2.74 | 0.84      | 0.15        | 6.16   | 25.16      | 7.89                        | 1.25  | 9.70  | 3.48 | 1.07      | 0.19        | 8.74   | 32.32      |
|            | T50FO015     | 6.15                         | 1.17 | 7.64  | 2.74 | 0.84      | 0.15        | 5.91   | 24.60      | 7.57                        | 1.20  | 9.70  | 3.48 | 1.07      | 0.19        | 8.39   | 31.60      |
|            | T50FO017     | 10.73                        | 2.04 | 9.46  | 3.40 | 1.43      | 0.26        | 10.30  | 37.62      | 13.20                       | 2.09  | 12.01 | 4.31 | 1.84      | 0.33        | 14.62  | 48.40      |
|            | T50FO018     | 11.00                        | 2.09 | 9.46  | 3.40 | 1.49      | 0.27        | 10.57  | 38.28      | 13.54                       | 2.14  | 12.01 | 4.31 | 1.91      | 0.35        | 15.00  | 49.26      |
|            | T50FO019     | 10.64                        | 2.02 | 9.46  | 3.40 | 1.49      | 0.27        | 10.23  | 37.51      | 13.10                       | 2.08  | 12.01 | 4.31 | 1.91      | 0.35        | 14.52  | 48.28      |
|            | T50GM001     | 1.20                         | 0.22 | 1.93  | 0.69 | 0.14      | 0.03        | 1.33   | 5.54       | 1.53                        | 0.23  | 2.58  | 0.93 | 0.18      | 0.03        | 1.81   | 7.29       |
|            | T50GM002     | 1.47                         | 0.27 | 2.31  | 0.83 | 0.14      | 0.03        | 1.62   | 6.67       | 1.87                        | 0.28  | 3.08  | 1.11 | 0.18      | 0.03        | 2.20   | 8.75       |
|            | T50GM003     | 1.55                         | 0.28 | 2.94  | 1.06 | 0.14      | 0.03        | 1.71   | 7.71       | 1.97                        | 0.29  | 3.92  | 1.41 | 0.18      | 0.03        | 2.33   | 10.13      |
|            | T50GM004     | 2.88                         | 0.52 | 3.47  | 1.25 | 0.14      | 0.03        | 3.17   | 11.46      | 3.67                        | 0.54  | 4.62  | 1.66 | 0.18      | 0.03        | 4.31   | 15.01      |
|            | T50GM005     | 3.16                         | 0.57 | 3.47  | 1.25 | 0.17      | 0.03        | 3.47   | 12.12      | 4.02                        | 0.59  | 4.62  | 1.66 | 0.22      | 0.04        | 4.73   | 15.88      |
|            | T50GM006     | 1.84                         | 0.34 | 3.47  | 1.25 | 0.32      | 0.06        | 2.04   | 9.32       | 2.34                        | 0.35  | 4.62  | 1.66 | 0.40      | 0.07        | 2.78   | 12.22      |
|            | T50GM007     | 2.12                         | 0.39 | 3.47  | 1.25 | 0.38      | 0.07        | 2.35   | 10.03      | 2.70                        | 0.41  | 4.62  | 1.66 | 0.50      | 0.09        | 3.20   | 13.18      |
|            | T50GM008     | 1.86                         | 0.35 | 3.47  | 1.25 | 0.28      | 0.05        | 2.06   | 9.32       | 2.37                        | 0.36  | 4.62  | 1.66 | 0.35      | 0.06        | 2.81   | 12.23      |
|            | T50GM009     | 2.15                         | 0.40 | 3.47  | 1.25 | 0.33      | 0.06        | 2.37   | 10.03      | 2.73                        | 0.41  | 4.62  | 1.66 | 0.43      | 0.08        | 3.24   | 13.17      |
|            | T50GM011     | 2.57                         | 0.54 | 10.29 | 3.96 | 0.34      | 0.06        | 2.64   | 20.40      | 3.16                        | 0.55  | 13.52 | 5.20 | 0.42      | 0.08        | 3.50   | 26.43      |
|            | T50GM012     | 2.99                         | 0.62 | 4.28  | 1.43 | 0.34      | 0.06        | 3.06   | 12.78      | 3.68                        | 0.63  | 5.71  | 1.90 | 0.42      | 0.08        | 4.06   | 16.48      |
|            | T50GM013     | 2.57                         | 0.54 | 10.29 | 3.96 | 0.41      | 0.07        | 2.64   | 20.48      | 3.16                        | 0.55  | 13.52 | 5.20 | 0.51      | 0.09        | 3.51   | 26.54      |
|            | T50GM014     | 3.00                         | 0.63 | 4.28  | 1.43 | 0.52      | 0.09        | 3.09   | 13.04      | 3.70                        | 0.65  | 5.71  | 1.90 | 0.66      | 0.12        | 4.10   | 16.84      |
|            | T50GM015     | 4.49                         | 0.87 | 17.85 | 7.33 | 0.91      | 0.17        | 4.33   | 35.95      | 5.52                        | 0.89  | 23.20 | 9.52 | 1.18      | 0.21        | 6.14   | 46.66      |
|            | T50GM016     | 5.29                         | 1.02 | 7.83  | 2.81 | 0.91      | 0.17        | 5.09   | 23.12      | 6.51                        | 1.04  | 9.93  | 3.57 | 1.18      | 0.21        | 7.23   | 29.67      |
|            | T50GM017     | 1.95                         | 0.40 | 3.40  | 1.13 | 0.22      | 0.04        | 2.00   | 9.14       | 2.40                        | 0.41  | 4.54  | 1.51 | 0.27      | 0.05        | 2.65   | 11.83      |
|            | T50HN001     | 2.70                         | 0.56 | 4.23  | 1.41 | 0.35      | 0.06        | 2.78   | 12.09      | 3.33                        | 0.58  | 5.64  | 1.88 | 0.45      | 0.08        | 3.68   | 15.64      |
|            | T50HN002     | 2.90                         | 0.60 | 4.23  | 1.41 | 0.35      | 0.06        | 2.97   | 12.52      | 3.56                        | 0.62  | 5.64  | 1.88 | 0.45      | 0.08        | 3.94   | 16.17      |
| T50HN003   | 3.74         | 0.78                         | 5.04 | 1.68  | 0.45 | 0.08      | 3.84        | 15.61  | 4.61       | 0.80                        | 6.72  | 2.24  | 0.57 | 0.10      | 5.09        | 20.13  |            |
| T50HN004   | 3.82         | 0.83                         | 5.04 | 1.68  | 0.99 | 0.18      | 3.96        | 16.50  | 4.70       | 0.85                        | 6.72  | 2.24  | 1.25 | 0.23      | 5.25        | 21.24  |            |
| T50HN005   | 4.32         | 0.93                         | 5.04 | 1.68  | 0.99 | 0.18      | 4.47        | 17.61  | 5.31       | 0.95                        | 6.72  | 2.24  | 1.25 | 0.23      | 5.92        | 22.62  |            |
| T50HN006   | 5.21         | 1.01                         | 9.17 | 3.29  | 1.00 | 0.18      | 5.02        | 24.88  | 6.41       | 1.03                        | 11.64 | 4.18  | 1.28 | 0.23      | 7.13        | 31.90  |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |      |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |      |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|------|-----------|-------------|--------|------------|-----------------------------|-------|-------|------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T50</b> | <b>cont.</b> |                              |       |       |      |           |             |        |            |                             |       |       |      |           |             |        |            |
|            | T50HN007     | 5.79                         | 1.11  | 8.19  | 2.94 | 1.00      | 0.18        | 5.58   | 24.79      | 7.13                        | 1.14  | 10.40 | 3.73 | 1.28      | 0.23        | 7.92   | 31.83      |
|            | T50IT002     | 3.60                         | 0.74  | 4.41  | 1.47 | 0.34      | 0.06        | 3.69   | 14.31      | 4.43                        | 0.76  | 5.88  | 1.96 | 0.42      | 0.08        | 4.89   | 18.42      |
|            | T50IT003     | 4.42                         | 0.91  | 4.91  | 1.64 | 0.34      | 0.06        | 4.52   | 16.80      | 5.44                        | 0.93  | 6.55  | 2.18 | 0.42      | 0.08        | 5.99   | 21.59      |
|            | T50IT004     | 6.95                         | 1.32  | 7.10  | 2.55 | 0.91      | 0.17        | 6.68   | 25.68      | 8.56                        | 1.35  | 9.01  | 3.24 | 1.18      | 0.21        | 9.48   | 33.03      |
|            | T50IT005     | 12.08                        | 2.25  | 10.01 | 3.59 | 0.91      | 0.17        | 11.56  | 40.57      | 14.87                       | 2.31  | 12.71 | 4.56 | 1.18      | 0.21        | 16.41  | 52.25      |
|            | T50IT007     | 15.29                        | 2.84  | 10.01 | 3.59 | 0.91      | 0.17        | 14.62  | 47.43      | 18.82                       | 2.91  | 12.71 | 4.56 | 1.18      | 0.21        | 20.75  | 61.14      |
|            | T50IT008     | 8.81                         | 1.66  | 7.10  | 2.55 | 0.91      | 0.17        | 8.44   | 29.64      | 10.84                       | 1.70  | 9.01  | 3.24 | 1.18      | 0.21        | 11.98  | 38.16      |
|            | T50IT010     | 8.53                         | 1.65  | 10.01 | 3.59 | 1.73      | 0.31        | 8.22   | 34.04      | 10.49                       | 1.69  | 12.71 | 4.56 | 2.23      | 0.40        | 11.67  | 43.75      |
|            | T50IT011     | 10.83                        | 2.07  | 10.19 | 3.66 | 1.73      | 0.31        | 10.42  | 39.21      | 13.33                       | 2.12  | 12.94 | 4.65 | 2.23      | 0.40        | 14.80  | 50.47      |
|            | T50IT012     | 12.26                        | 2.33  | 10.19 | 3.66 | 1.73      | 0.31        | 11.78  | 42.26      | 15.09                       | 2.39  | 12.94 | 4.65 | 2.23      | 0.40        | 16.73  | 54.43      |
|            | T50KE001     | 9.21                         | 1.71  | 12.01 | 4.31 | 0.56      | 0.10        | 8.81   | 36.71      | 11.34                       | 1.75  | 15.25 | 5.48 | 0.72      | 0.13        | 12.51  | 47.18      |
|            | T50KE002     | 9.40                         | 1.75  | 12.01 | 4.31 | 0.56      | 0.10        | 8.99   | 37.12      | 11.57                       | 1.79  | 15.25 | 5.48 | 0.72      | 0.13        | 12.77  | 47.71      |
|            | T50KE003     | 10.84                        | 2.03  | 12.01 | 4.31 | 0.97      | 0.18        | 10.38  | 40.72      | 13.34                       | 2.08  | 15.25 | 5.48 | 1.26      | 0.23        | 14.74  | 52.38      |
|            | T50KE004     | 10.12                        | 1.90  | 12.01 | 4.31 | 0.97      | 0.18        | 9.70   | 39.19      | 12.46                       | 1.95  | 15.25 | 5.48 | 1.26      | 0.23        | 13.77  | 50.40      |
|            | T50KE005     | 10.04                        | 1.88  | 12.01 | 4.31 | 0.97      | 0.18        | 9.62   | 39.01      | 12.36                       | 1.93  | 15.25 | 5.48 | 1.26      | 0.23        | 13.66  | 50.17      |
|            | T50MH001     | 2.41                         | 0.50  | 3.40  | 1.13 | 0.34      | 0.06        | 2.48   | 10.32      | 2.97                        | 0.52  | 4.54  | 1.51 | 0.43      | 0.08        | 3.28   | 13.33      |
|            | T50MH002     | 2.49                         | 0.52  | 3.40  | 1.13 | 0.34      | 0.06        | 2.56   | 10.50      | 3.07                        | 0.53  | 4.54  | 1.51 | 0.43      | 0.08        | 3.39   | 13.55      |
|            | T50MH003     | 3.33                         | 0.69  | 4.41  | 1.47 | 0.35      | 0.06        | 3.41   | 13.72      | 4.10                        | 0.70  | 5.88  | 1.96 | 0.45      | 0.08        | 4.52   | 17.69      |
|            | T50MH004     | 3.98                         | 0.83  | 5.04  | 1.68 | 0.59      | 0.11        | 4.09   | 16.32      | 4.90                        | 0.85  | 6.72  | 2.24 | 0.75      | 0.14        | 5.43   | 21.03      |
|            | T50MH005     | 4.28                         | 0.88  | 5.04  | 1.68 | 0.44      | 0.08        | 4.39   | 16.79      | 5.27                        | 0.91  | 6.72  | 2.24 | 0.56      | 0.10        | 5.81   | 21.61      |
|            | T50MH006     | 4.46                         | 0.96  | 5.04  | 1.68 | 0.99      | 0.18        | 4.61   | 17.92      | 5.49                        | 0.98  | 6.72  | 2.24 | 1.25      | 0.23        | 6.12   | 23.03      |
|            | T50MH007     | 4.70                         | 0.91  | 7.28  | 2.61 | 1.00      | 0.18        | 4.54   | 21.22      | 5.78                        | 0.94  | 9.24  | 3.32 | 1.28      | 0.23        | 6.44   | 27.23      |
|            | T50MH008     | 4.92                         | 0.95  | 8.37  | 3.01 | 1.00      | 0.18        | 4.75   | 23.18      | 6.06                        | 0.98  | 10.63 | 3.82 | 1.28      | 0.23        | 6.74   | 29.74      |
|            | T50MH009     | 2.86                         | 0.59  | 3.65  | 1.22 | 0.32      | 0.06        | 2.93   | 11.63      | 3.51                        | 0.61  | 4.87  | 1.62 | 0.41      | 0.07        | 3.88   | 14.97      |
|            | T50MH010     | 2.86                         | 0.59  | 3.40  | 1.13 | 0.33      | 0.06        | 2.93   | 11.30      | 3.52                        | 0.61  | 4.54  | 1.51 | 0.42      | 0.08        | 3.89   | 14.57      |
|            | T50MH011     | 5.50                         | 1.06  | 8.37  | 3.01 | 1.00      | 0.18        | 5.30   | 24.42      | 6.77                        | 1.09  | 10.63 | 3.82 | 1.28      | 0.23        | 7.52   | 31.34      |
|            | T50MT007     | 11.44                        | 2.11  | 10.92 | 3.92 | 0.41      | 0.07        | 10.92  | 39.79      | 14.08                       | 2.16  | 13.86 | 4.98 | 0.52      | 0.09        | 15.51  | 51.20      |
|            | T50MT008     | 11.44                        | 2.11  | 10.92 | 3.92 | 0.41      | 0.07        | 10.92  | 39.79      | 14.08                       | 2.16  | 13.86 | 4.98 | 0.52      | 0.09        | 15.51  | 51.20      |
|            | T50MT012     | 8.46                         | 1.56  | 12.74 | 4.58 | 0.41      | 0.07        | 8.08   | 35.90      | 10.41                       | 1.60  | 16.17 | 5.81 | 0.52      | 0.09        | 11.47  | 46.07      |
|            | T50MT013     | 11.80                        | 2.17  | 12.74 | 4.58 | 0.41      | 0.07        | 11.26  | 43.03      | 14.52                       | 2.23  | 16.17 | 5.81 | 0.52      | 0.09        | 15.99  | 55.33      |
|            | T50MT014     | 12.19                        | 2.26  | 10.92 | 3.92 | 0.71      | 0.13        | 11.65  | 41.78      | 15.00                       | 2.32  | 13.86 | 4.98 | 0.91      | 0.17        | 16.54  | 53.78      |
|            | T50MT015     | 13.34                        | 2.47  | 10.92 | 3.92 | 0.71      | 0.13        | 12.75  | 44.24      | 16.42                       | 2.53  | 13.86 | 4.98 | 0.91      | 0.17        | 18.10  | 56.97      |
| T50MT016   | 10.15        | 1.88                         | 14.56 | 5.23  | 0.56 | 0.10      | 9.70        | 42.18  | 12.49      | 1.93                        | 18.48 | 6.64  | 0.72 | 0.13      | 13.77       | 54.16  |            |
| T50PE002   | 9.91         | 1.90                         | 12.74 | 4.58  | 1.73 | 0.31      | 9.55        | 40.72  | 12.20      | 1.95                        | 16.17 | 5.81  | 2.23 | 0.40      | 13.55       | 52.31  |            |
| T50PE003   | 10.44        | 2.00                         | 12.74 | 4.58  | 1.73 | 0.31      | 10.04       | 41.84  | 12.85      | 2.05                        | 16.17 | 5.81  | 2.23 | 0.40      | 14.26       | 53.77  |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |  |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|--|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |  |
| <b>T50</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |       |       |       |           |             |        |            |  |
|            | T50PE004     | 10.21                        | 1.96  | 12.74 | 4.58  | 1.73      | 0.31        | 9.83   | 41.36      | 12.57                       | 2.01  | 16.17 | 5.81  | 2.23      | 0.40        | 13.95  | 53.14      |  |
|            | T50PE005     | 9.62                         | 1.85  | 12.74 | 4.58  | 1.73      | 0.31        | 9.27   | 40.10      | 11.84                       | 1.90  | 16.17 | 5.81  | 2.23      | 0.40        | 13.16  | 51.51      |  |
|            | T50PE006     | 9.22                         | 1.78  | 10.92 | 3.92  | 1.73      | 0.31        | 8.88   | 36.76      | 11.35                       | 1.82  | 13.86 | 4.98  | 2.23      | 0.40        | 12.61  | 47.25      |  |
|            | T50PE007     | 9.90                         | 1.84  | 12.74 | 4.58  | 0.63      | 0.11        | 9.47   | 39.27      | 12.18                       | 1.89  | 16.17 | 5.81  | 0.80      | 0.15        | 13.44  | 50.44      |  |
| <b>T55</b> | T55CA001     | 15.38                        | 7.67  | 7.94  | 3.46  | 6.88      | 1.25        | 14.12  | 56.70      | 19.23                       | 7.75  | 10.21 | 4.45  | 11.46     | 2.08        | 20.59  | 75.77      |  |
|            | T55CA002     | 20.85                        | 10.50 | 11.47 | 5.00  | 11.42     | 2.07        | 19.17  | 80.48      | 26.06                       | 10.61 | 14.74 | 6.43  | 19.03     | 3.45        | 27.95  | 108.27     |  |
|            | T55CA003     | 31.33                        | 15.76 | 15.35 | 6.69  | 16.60     | 3.01        | 28.80  | 117.54     | 39.17                       | 15.91 | 19.73 | 8.60  | 27.68     | 5.02        | 41.99  | 158.10     |  |
|            | T55DJ001     | 10.14                        | 5.03  | 4.59  | 2.00  | 3.58      | 0.65        | 9.30   | 35.29      | 12.68                       | 5.08  | 5.90  | 2.57  | 5.86      | 1.06        | 13.56  | 46.71      |  |
|            | T55DJ002     | 10.26                        | 5.09  | 3.77  | 1.64  | 4.10      | 0.74        | 9.41   | 35.01      | 12.82                       | 5.14  | 4.85  | 2.12  | 6.82      | 1.24        | 13.72  | 46.71      |  |
|            | T55DJ003     | 11.86                        | 5.89  | 5.03  | 2.19  | 4.52      | 0.82        | 10.88  | 41.19      | 14.82                       | 5.95  | 6.46  | 2.82  | 7.40      | 1.34        | 15.87  | 54.66      |  |
|            | T55DJ004     | 12.08                        | 6.02  | 4.59  | 2.00  | 5.21      | 0.95        | 11.09  | 41.94      | 15.10                       | 6.08  | 5.90  | 2.57  | 8.68      | 1.58        | 16.17  | 56.08      |  |
|            | T55DJ005     | 14.30                        | 7.08  | 5.03  | 2.19  | 5.27      | 0.96        | 13.11  | 47.94      | 17.88                       | 7.15  | 6.46  | 2.82  | 8.80      | 1.60        | 19.12  | 63.83      |  |
|            | T55DJ007     | 16.38                        | 8.16  | 6.79  | 2.96  | 7.23      | 1.31        | 15.04  | 57.87      | 20.48                       | 8.24  | 8.73  | 3.81  | 12.11     | 2.20        | 21.92  | 77.49      |  |
|            | T55DJ010     | 15.29                        | 7.46  | 5.03  | 2.19  | 3.25      | 0.59        | 13.99  | 47.80      | 19.11                       | 7.54  | 6.46  | 2.82  | 5.34      | 0.97        | 20.40  | 62.64      |  |
|            | T55EU006     | 11.30                        | 5.72  | 9.26  | 4.04  | 6.81      | 1.24        | 10.40  | 48.77      | 14.13                       | 5.78  | 11.91 | 5.19  | 11.37     | 2.06        | 15.16  | 65.60      |  |
|            | T55EU007     | 14.94                        | 7.68  | 12.35 | 5.39  | 11.42     | 2.07        | 13.78  | 67.63      | 18.68                       | 7.76  | 15.88 | 6.93  | 19.03     | 3.45        | 20.09  | 91.82      |  |
|            | T55EU008     | 16.36                        | 8.36  | 13.41 | 5.85  | 11.42     | 2.07        | 15.08  | 72.55      | 20.45                       | 8.44  | 17.24 | 7.52  | 19.03     | 3.45        | 21.98  | 98.11      |  |
|            | T55EU009     | 21.83                        | 11.22 | 18.52 | 8.08  | 16.60     | 3.01        | 20.14  | 99.40      | 27.29                       | 11.34 | 23.81 | 10.38 | 27.68     | 5.02        | 29.36  | 134.88     |  |
|            | T55TE001     | 8.90                         | 4.44  | 4.23  | 1.84  | 4.70      | 0.85        | 8.17   | 33.13      | 11.12                       | 4.49  | 5.44  | 2.37  | 8.06      | 1.46        | 11.91  | 44.85      |  |
|            | T55TE002     | 8.79                         | 4.48  | 4.23  | 1.84  | 6.77      | 1.23        | 8.10   | 35.44      | 10.99                       | 4.52  | 5.44  | 2.37  | 11.60     | 2.11        | 11.80  | 48.83      |  |
|            | T55TE003     | 9.99                         | 5.05  | 4.87  | 2.12  | 6.77      | 1.23        | 9.19   | 39.22      | 12.49                       | 5.10  | 6.26  | 2.73  | 11.60     | 2.11        | 13.40  | 53.69      |  |
|            | T55TE004     | 10.68                        | 5.43  | 5.72  | 2.49  | 6.81      | 1.24        | 9.83   | 42.20      | 13.35                       | 5.48  | 7.35  | 3.21  | 11.37     | 2.06        | 14.34  | 57.16      |  |
|            | T55TE005     | 13.26                        | 6.61  | 6.62  | 2.89  | 6.67      | 1.21        | 12.17  | 49.43      | 16.58                       | 6.67  | 8.51  | 3.71  | 11.44     | 2.08        | 17.75  | 66.74      |  |
|            | T55TE009     | 12.76                        | 6.42  | 8.04  | 3.51  | 6.81      | 1.24        | 11.73  | 50.51      | 15.95                       | 6.48  | 10.34 | 4.51  | 11.37     | 2.06        | 17.10  | 67.81      |  |
|            | T55TE010     | 13.31                        | 6.78  | 8.04  | 3.51  | 8.94      | 1.62        | 12.26  | 54.46      | 16.63                       | 6.85  | 10.34 | 4.51  | 14.91     | 2.71        | 17.87  | 73.82      |  |
|            | T55TE011     | 15.28                        | 7.85  | 11.38 | 4.96  | 11.42     | 2.07        | 14.09  | 67.05      | 19.10                       | 7.92  | 14.63 | 6.38  | 19.03     | 3.45        | 20.55  | 91.06      |  |
|            | T55TE012     | 19.31                        | 9.77  | 12.00 | 5.23  | 11.42     | 2.07        | 17.77  | 77.57      | 24.14                       | 9.87  | 15.42 | 6.72  | 19.03     | 3.45        | 25.91  | 104.54     |  |
|            | T55TE013     | 26.60                        | 13.50 | 18.52 | 8.08  | 16.60     | 3.01        | 24.49  | 110.80     | 33.25                       | 13.63 | 23.81 | 10.38 | 27.68     | 5.02        | 35.70  | 149.47     |  |
|            | T55UN002     | 28.25                        | 14.83 | 21.17 | 9.23  | 27.77     | 5.04        | 26.14  | 132.43     | 35.31                       | 14.98 | 27.22 | 11.87 | 46.30     | 8.40        | 38.12  | 182.20     |  |
|            | T55UN003     | 35.33                        | 18.41 | 28.22 | 12.31 | 31.84     | 5.78        | 32.66  | 164.55     | 44.16                       | 18.59 | 36.29 | 15.83 | 53.09     | 9.64        | 47.62  | 225.22     |  |
| T55UN004   | 29.06        | 15.26                        | 23.81 | 10.38 | 28.63 | 5.20      | 26.89       | 139.23 | 36.32      | 15.41                       | 30.62 | 13.35 | 47.75 | 8.67      | 39.21       | 191.33 |            |  |
| T55UN005   | 37.75        | 20.52                        | 31.75 | 13.85 | 51.54 | 9.35      | 35.14       | 199.90 | 47.19      | 20.73                       | 40.82 | 17.80 | 85.91 | 15.59     | 51.24       | 279.28 |            |  |
|            | T55UN006     | 2.03                         | 3.49  | 35.28 | 15.39 | 51.54     | 9.35        | 2.57   | 119.65     | 2.54                        | 3.52  | 45.36 | 19.78 | 85.91     | 15.59       | 3.75   | 176.45     |  |



**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |       |       |       |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|-------|-------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T55</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | T55V0002     | 8.40                         | 4.23  | 4.50  | 1.96  | 4.26      | 0.77        | 7.73   | 31.85      | 10.51                       | 4.27  | 5.78  | 2.52  | 7.05      | 1.28        | 11.26  | 42.67      |
|            | T55V0003     | 9.19                         | 4.66  | 4.50  | 1.96  | 5.70      | 1.03        | 8.46   | 35.50      | 11.49                       | 4.71  | 5.78  | 2.52  | 9.52      | 1.73        | 12.34  | 48.09      |
|            | T55V0004     | 13.36                        | 6.66  | 6.32  | 2.76  | 5.81      | 1.05        | 12.26  | 48.22      | 16.70                       | 6.72  | 8.12  | 3.54  | 9.68      | 1.76        | 17.88  | 64.40      |
|            | T55V0005     | 10.89                        | 5.38  | 5.56  | 2.42  | 3.71      | 0.67        | 9.98   | 38.61      | 13.61                       | 5.43  | 7.14  | 3.11  | 6.17      | 1.12        | 14.56  | 51.14      |
|            | T55V0006     | 14.85                        | 7.46  | 7.02  | 3.06  | 7.66      | 1.39        | 13.64  | 55.08      | 18.56                       | 7.53  | 9.03  | 3.94  | 12.77     | 2.32        | 19.90  | 74.05      |
|            | T55WA001     | 17.20                        | 8.54  | 8.56  | 3.73  | 6.88      | 1.25        | 15.78  | 61.94      | 21.50                       | 8.63  | 11.00 | 4.80  | 11.46     | 2.08        | 23.01  | 82.48      |
|            | T55WA002     | 21.45                        | 10.79 | 11.91 | 5.19  | 11.42     | 2.07        | 19.72  | 82.55      | 26.81                       | 10.90 | 15.31 | 6.68  | 19.03     | 3.45        | 28.75  | 110.93     |
|            | T55WA005     | 55.69                        | 27.96 | 23.81 | 10.38 | 28.63     | 5.20        | 51.17  | 202.84     | 69.61                       | 28.24 | 30.62 | 13.35 | 47.75     | 8.67        | 74.61  | 272.85     |
|            | T55WA006     | 30.69                        | 15.45 | 18.52 | 8.08  | 16.60     | 3.01        | 28.21  | 120.56     | 38.36                       | 15.60 | 23.81 | 10.38 | 27.68     | 5.02        | 41.13  | 161.98     |
| T55WA007   | 63.34        | 31.76                        | 31.75 | 13.85 | 31.84 | 5.78      | 58.19       | 236.51 | 79.17      | 32.08                       | 40.82 | 17.80 | 53.09 | 9.64      | 84.85       | 317.45 |            |
| T55WA008   | 73.08        | 37.37                        | 35.28 | 15.39 | 51.54 | 9.35      | 67.36       | 289.37 | 91.35      | 37.75                       | 45.36 | 19.78 | 85.91 | 15.59     | 98.21       | 393.95 |            |
| <b>T56</b> |              |                              |       |       |       |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | T56CA006     | 41.82                        | 15.42 | 16.55 | 7.22  | 16.60     | 3.01        | 38.45  | 139.07     | 62.73                       | 15.85 | 26.00 | 10.67 | 26.69     | 4.84        | 67.28  | 214.06     |
| <b>T57</b> |              |                              |       |       |       |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | T57CU001     | 6.08                         | 1.35  | 2.11  | 0.76  | 0.00      | 0.00        | 7.78   | 18.08      |                             |       |       |       |           |             |        |            |
|            | T57CU002     | 7.41                         | 1.65  | 2.11  | 0.76  | 0.00      | 0.00        | 9.49   | 21.42      |                             |       |       |       |           |             |        |            |
|            | T57CU003     | 10.97                        | 2.44  | 3.19  | 1.15  | 0.00      | 0.00        | 14.04  | 31.79      |                             |       |       |       |           |             |        |            |
|            | T57CU004     | 12.57                        | 2.80  | 4.91  | 1.76  | 0.00      | 0.00        | 16.08  | 38.12      |                             |       |       |       |           |             |        |            |
|            | T57CU005     | 13.74                        | 3.06  | 9.29  | 3.34  | 0.00      | 0.00        | 17.58  | 47.01      |                             |       |       |       |           |             |        |            |
| <b>T60</b> |              |                              |       |       |       |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | T60KI001     | 10.33                        | 2.88  | 4.85  | 1.99  | 1.82      | 0.33        | 11.81  | 34.01      | 12.39                       | 2.93  | 6.47  | 2.66  | 2.44      | 0.44        | 16.20  | 43.53      |
|            | T60KI002     | 18.67                        | 5.22  | 9.15  | 3.76  | 3.44      | 0.62        | 21.36  | 62.22      | 22.40                       | 5.30  | 12.20 | 5.01  | 4.64      | 0.84        | 29.29  | 79.68      |
|            | T60KI003     | 26.85                        | 7.49  | 12.47 | 5.12  | 4.82      | 0.87        | 30.70  | 88.32      | 32.21                       | 7.61  | 16.63 | 6.83  | 6.50      | 1.18        | 42.10  | 113.06     |
|            | T60KI004     | 27.44                        | 7.65  | 12.47 | 5.12  | 4.82      | 0.87        | 31.37  | 89.74      | 32.92                       | 7.77  | 16.63 | 6.83  | 6.50      | 1.18        | 43.02  | 114.85     |
|            | T60KI005     | 32.82                        | 9.09  | 15.25 | 6.26  | 5.09      | 0.92        | 37.48  | 106.91     | 39.39                       | 9.23  | 20.33 | 8.34  | 6.86      | 1.25        | 51.39  | 136.79     |
|            | T60KI006     | 33.91                        | 9.38  | 15.25 | 6.26  | 5.09      | 0.92        | 38.71  | 109.52     | 40.70                       | 9.52  | 20.33 | 8.34  | 6.86      | 1.25        | 53.08  | 140.08     |
|            | T60SO001     | 23.49                        | 6.49  | 9.15  | 3.76  | 3.44      | 0.62        | 26.80  | 73.75      | 28.18                       | 6.59  | 12.20 | 5.01  | 4.64      | 0.84        | 36.75  | 94.21      |
|            | T60SO002     | 32.41                        | 8.99  | 12.47 | 5.12  | 5.19      | 0.94        | 37.02  | 102.14     | 38.89                       | 9.13  | 16.63 | 6.83  | 7.00      | 1.27        | 50.76  | 130.51     |
|            | T60SO003     | 32.99                        | 9.14  | 12.47 | 5.12  | 5.19      | 0.94        | 37.68  | 103.53     | 39.59                       | 9.28  | 16.63 | 6.83  | 7.00      | 1.27        | 51.67  | 132.27     |
|            | T60SO004     | 40.96                        | 11.37 | 15.25 | 6.26  | 6.66      | 1.21        | 46.80  | 128.51     | 49.16                       | 11.55 | 20.33 | 8.34  | 8.98      | 1.63        | 64.17  | 164.16     |
|            | T60SO005     | 41.70                        | 11.56 | 15.25 | 6.26  | 6.66      | 1.21        | 47.63  | 130.27     | 50.04                       | 11.74 | 20.33 | 8.34  | 8.98      | 1.63        | 65.31  | 166.37     |
| <b>T65</b> |              |                              |       |       |       |           |             |        |            |                             |       |       |       |           |             |        |            |
|            | T65AS001     | 20.78                        | 5.75  | 2.31  | 0.83  | 0.26      | 0.05        | 28.10  | 58.08      |                             |       |       |       |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |        |        |        |           |             |        |            | SEVERE OPERATING CONDITIONS |        |        |        |           |             |        |            |
|------------|--------------|------------------------------|--------|--------|--------|-----------|-------------|--------|------------|-----------------------------|--------|--------|--------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM   | FUEL   | FOG    | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM   | FUEL   | FOG    | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T65</b> | <b>cont.</b> |                              |        |        |        |           |             |        |            |                             |        |        |        |           |             |        |            |
|            | T65AS002     | 31.45                        | 8.70   | 3.93   | 1.41   | 0.26      | 0.05        | 42.53  | 88.33      |                             |        |        |        |           |             |        |            |
|            | T65AS003     | 41.63                        | 11.54  | 5.10   | 1.83   | 0.65      | 0.12        | 56.31  | 117.18     |                             |        |        |        |           |             |        |            |
|            | T65AS004     | 52.17                        | 14.45  | 5.10   | 1.83   | 0.65      | 0.12        | 70.56  | 144.88     |                             |        |        |        |           |             |        |            |
|            | T65AS005     | 72.27                        | 20.00  | 11.09  | 3.98   | 0.65      | 0.12        | 97.73  | 205.84     |                             |        |        |        |           |             |        |            |
|            | T65AS006     | 83.72                        | 23.18  | 9.23   | 3.31   | 0.95      | 0.17        | 113.22 | 233.78     |                             |        |        |        |           |             |        |            |
|            | T65AS007     | 17.27                        | 4.77   | 6.65   | 5.76   | 0.00      | 0.00        | 23.35  | 57.80      |                             |        |        |        |           |             |        |            |
|            | T65AS008     | 29.63                        | 8.18   | 13.29  | 11.52  | 0.00      | 0.00        | 40.05  | 102.67     |                             |        |        |        |           |             |        |            |
|            | T65AS009     | 126.69                       | 44.23  | 60.50  | 45.80  | 0.00      | 0.00        | 133.55 | 410.77     | 142.53                      | 44.52  | 78.65  | 57.44  | 0.00      | 0.00        | 171.71 | 494.85     |
|            | T65AS010     | 185.80                       | 64.87  | 104.77 | 79.19  | 0.00      | 0.00        | 195.85 | 630.48     | 209.02                      | 65.29  | 136.20 | 99.35  | 0.00      | 0.00        | 251.81 | 761.67     |
|            | T65AS011     | 517.42                       | 180.64 | 235.75 | 178.19 | 0.00      | 0.00        | 545.42 | 1,657.42   | 582.10                      | 181.83 | 306.47 | 223.54 | 0.00      | 0.00        | 701.25 | 1,995.19   |
|            | T65AS012     | 35.41                        | 8.49   | 11.90  | 10.63  | 0.22      | 0.04        | 47.87  | 114.56     |                             |        |        |        |           |             |        |            |
|            | T65AS013     | 22.94                        | 5.49   | 5.95   | 5.32   | 0.09      | 0.02        | 31.01  | 70.82      |                             |        |        |        |           |             |        |            |
|            | T65AS014     | 18.95                        | 4.54   | 4.96   | 4.68   | 0.09      | 0.02        | 25.62  | 58.86      |                             |        |        |        |           |             |        |            |
|            | T65AS015     | 5.76                         | 1.38   | 0.00   | 1.50   | 0.09      | 0.02        | 7.79   | 16.54      |                             |        |        |        |           |             |        |            |
|            | T65AS016     | 54.18                        | 16.92  | 24.65  | 18.81  | 0.00      | 0.00        | 73.43  | 187.99     | 61.92                       | 17.09  | 32.05  | 23.55  | 0.00      | 0.00        | 93.25  | 227.86     |
|            | T65AS017     | 83.44                        | 26.06  | 39.58  | 29.88  | 0.00      | 0.00        | 113.08 | 292.04     | 95.35                       | 26.32  | 51.46  | 37.50  | 0.00      | 0.00        | 143.59 | 354.22     |
|            | T65AS018     | 123.02                       | 38.43  | 44.27  | 33.39  | 0.00      | 0.00        | 166.72 | 405.83     | 140.59                      | 38.80  | 57.55  | 41.91  | 0.00      | 0.00        | 211.71 | 490.56     |
|            | T65AS019     | 122.10                       | 38.14  | 55.90  | 42.35  | 0.00      | 0.00        | 165.47 | 423.96     | 139.54                      | 38.51  | 72.67  | 53.10  | 0.00      | 0.00        | 210.13 | 513.95     |
|            | T65AS020     | 47.44                        | 10.59  | 5.22   | 5.27   | 0.26      | 0.05        | 60.75  | 129.58     |                             |        |        |        |           |             |        |            |
|            | T65AS021     | 57.21                        | 12.76  | 5.37   | 5.83   | 0.26      | 0.05        | 73.25  | 154.73     |                             |        |        |        |           |             |        |            |
|            | T65AS022     | 4.35                         | 1.07   | 0.00   | 1.50   | 0.00      | 0.00        | 4.83   | 11.75      |                             |        |        |        |           |             |        |            |
|            | T65AS023     | 4.91                         | 1.20   | 0.00   | 1.50   | 0.00      | 0.00        | 5.45   | 13.06      |                             |        |        |        |           |             |        |            |
|            | T65AS024     | 6.89                         | 1.71   | 0.00   | 2.00   | 0.26      | 0.05        | 7.66   | 18.57      |                             |        |        |        |           |             |        |            |
|            | T65AS025     | 7.07                         | 1.76   | 0.00   | 2.00   | 0.26      | 0.05        | 7.87   | 19.01      |                             |        |        |        |           |             |        |            |
|            | T65AT001     | 31.63                        | 9.88   | 22.39  | 16.86  | 0.00      | 0.00        | 42.86  | 123.62     | 36.14                       | 9.98   | 29.11  | 21.17  | 0.00      | 0.00        | 54.43  | 150.83     |
|            | T65AT002     | 34.10                        | 10.65  | 22.39  | 16.86  | 0.00      | 0.00        | 46.21  | 130.21     | 38.97                       | 10.76  | 29.11  | 21.17  | 0.00      | 0.00        | 58.68  | 158.69     |
|            | T65AT003     | 46.45                        | 14.51  | 26.04  | 19.70  | 0.00      | 0.00        | 62.95  | 169.65     | 53.08                       | 14.65  | 33.85  | 24.71  | 0.00      | 0.00        | 79.94  | 206.23     |
|            | T65AT004     | 58.70                        | 18.34  | 55.99  | 42.41  | 0.00      | 0.00        | 79.55  | 254.99     | 67.08                       | 18.52  | 72.78  | 53.17  | 0.00      | 0.00        | 101.02 | 312.57     |
|            | T65AT005     | 67.27                        | 21.01  | 31.25  | 23.54  | 0.00      | 0.00        | 91.17  | 234.24     | 76.88                       | 21.22  | 40.62  | 29.55  | 0.00      | 0.00        | 115.78 | 284.05     |
|            | T65AT006     | 100.51                       | 31.40  | 42.18  | 32.05  | 0.00      | 0.00        | 136.22 | 342.36     | 114.87                      | 31.70  | 54.84  | 40.17  | 0.00      | 0.00        | 172.98 | 414.56     |
|            | T65AT007     | 4.69                         | 1.04   | 2.17   | 2.50   | 0.00      | 0.00        | 6.01   | 16.41      |                             |        |        |        |           |             |        |            |
|            | T65AT008     | 6.53                         | 1.45   | 1.39   | 2.00   | 0.00      | 0.00        | 8.36   | 19.73      |                             |        |        |        |           |             |        |            |
| T65BR001   | 8.61         | 2.27                         | 3.85   | 1.38   | 0.00   | 0.00      | 10.34       | 26.45  |            |                             |        |        |        |           |             |        |            |
| T65BR002   | 10.00        | 2.63                         | 3.85   | 1.38   | 0.00   | 0.00      | 12.00       | 29.86  |            |                             |        |        |        |           |             |        |            |
| T65BR003   | 9.90         | 2.60                         | 3.85   | 1.38   | 0.00   | 0.00      | 11.88       | 29.61  |            |                             |        |        |        |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |       |        |       |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|-------|--------|-------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM  | FUEL   | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T65</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |       |        |       |           |             |        |            |
|            | T65BR004     | 11.64                        | 3.06  | 3.85  | 1.38  | 0.00      | 0.00        | 13.96  | 33.89      |                             |       |        |       |           |             |        |            |
|            | T65BR005     | 11.03                        | 2.90  | 5.13  | 1.84  | 0.00      | 0.00        | 13.24  | 34.14      |                             |       |        |       |           |             |        |            |
|            | T65BR006     | 12.77                        | 3.36  | 5.13  | 1.84  | 0.00      | 0.00        | 15.32  | 38.42      |                             |       |        |       |           |             |        |            |
|            | T65BR007     | 14.71                        | 3.87  | 10.40 | 3.73  | 0.00      | 0.00        | 17.65  | 50.36      |                             |       |        |       |           |             |        |            |
|            | T65BR008     | 16.10                        | 4.24  | 10.40 | 3.73  | 0.00      | 0.00        | 19.32  | 53.79      |                             |       |        |       |           |             |        |            |
|            | T65BR009     | 16.33                        | 4.30  | 10.40 | 3.73  | 0.00      | 0.00        | 19.59  | 54.35      |                             |       |        |       |           |             |        |            |
|            | T65BR010     | 17.37                        | 4.57  | 10.40 | 3.73  | 0.00      | 0.00        | 20.84  | 56.91      |                             |       |        |       |           |             |        |            |
|            | T65DO001     | 38.91                        | 12.15 | 18.23 | 13.69 | 0.00      | 0.00        | 52.73  | 135.71     | 44.47                       | 12.27 | 23.70  | 17.20 | 0.00      | 0.00        | 66.96  | 164.60     |
|            | T65DO002     | 51.88                        | 16.20 | 22.57 | 16.97 | 0.00      | 0.00        | 70.31  | 177.93     | 59.29                       | 16.36 | 29.34  | 21.32 | 0.00      | 0.00        | 89.28  | 215.59     |
|            | T65DO003     | 84.81                        | 26.49 | 45.57 | 34.72 | 0.00      | 0.00        | 114.94 | 306.53     | 96.92                       | 26.75 | 59.24  | 43.49 | 0.00      | 0.00        | 145.96 | 372.36     |
|            | T65DO004     | 168.78                       | 52.72 | 86.37 | 65.39 | 0.00      | 0.00        | 228.75 | 602.01     | 192.89                      | 53.24 | 112.28 | 82.01 | 0.00      | 0.00        | 290.48 | 730.90     |
|            | T65DO005     | 35.85                        | 11.20 | 10.42 | 8.68  | 0.00      | 0.00        | 48.59  | 114.74     | 40.98                       | 11.31 | 13.54  | 10.68 | 0.00      | 0.00        | 61.70  | 138.21     |
|            | T65DO007     | 4.21                         | 0.94  | 4.34  | 3.00  | 0.00      | 0.00        | 5.39   | 17.88      |                             |       |        |       |           |             |        |            |
|            | T65DO008     | 5.74                         | 1.28  | 6.51  | 4.51  | 0.00      | 0.00        | 7.35   | 25.39      |                             |       |        |       |           |             |        |            |
|            | T65DR001     | 28.14                        | 8.79  | 29.95 | 22.71 | 0.00      | 0.00        | 38.13  | 127.72     | 32.16                       | 8.87  | 38.93  | 28.47 | 0.00      | 0.00        | 48.42  | 156.85     |
|            | T65DR002     | 47.88                        | 14.96 | 38.19 | 28.99 | 0.00      | 0.00        | 64.89  | 194.91     | 54.72                       | 15.10 | 49.65  | 36.34 | 0.00      | 0.00        | 82.40  | 238.21     |
|            | T65DR003     | 50.90                        | 15.90 | 59.89 | 45.41 | 0.00      | 0.00        | 68.98  | 241.08     | 58.17                       | 16.05 | 77.86  | 56.93 | 0.00      | 0.00        | 87.59  | 296.60     |
|            | T65DR004     | 42.14                        | 9.38  | 5.21  | 4.51  | 0.00      | 0.00        | 53.94  | 115.18     |                             |       |        |       |           |             |        |            |
|            | T65DR005     | 29.49                        | 6.56  | 4.51  | 4.10  | 0.00      | 0.00        | 37.74  | 82.40      |                             |       |        |       |           |             |        |            |
|            | T65EI001     | 5.86                         | 1.56  | 2.06  | 0.79  | 0.32      | 0.06        | 7.05   | 17.70      |                             |       |        |       |           |             |        |            |
|            | T65EI002     | 10.18                        | 2.74  | 3.02  | 1.16  | 0.83      | 0.15        | 12.27  | 30.35      |                             |       |        |       |           |             |        |            |
|            | T65EI003     | 11.32                        | 3.05  | 4.20  | 1.62  | 1.01      | 0.18        | 13.65  | 35.03      |                             |       |        |       |           |             |        |            |
|            | T65EI004     | 16.26                        | 4.48  | 6.99  | 2.69  | 2.83      | 0.51        | 19.70  | 53.46      |                             |       |        |       |           |             |        |            |
|            | T65EI005     | 20.39                        | 5.72  | 8.38  | 3.22  | 4.98      | 0.90        | 24.79  | 68.38      |                             |       |        |       |           |             |        |            |
|            | T65EI006     | 31.38                        | 8.86  | 9.83  | 3.78  | 8.45      | 1.53        | 38.20  | 102.03     |                             |       |        |       |           |             |        |            |
|            | T65EI007     | 6.52                         | 1.74  | 1.51  | 1.08  | 0.32      | 0.06        | 7.84   | 19.07      |                             |       |        |       |           |             |        |            |
|            | T65EI008     | 9.93                         | 2.67  | 2.27  | 1.62  | 0.83      | 0.15        | 11.98  | 29.45      |                             |       |        |       |           |             |        |            |
|            | T65EI009     | 11.27                        | 3.02  | 3.02  | 2.16  | 0.83      | 0.15        | 13.57  | 34.02      |                             |       |        |       |           |             |        |            |
|            | T65EI010     | 10.57                        | 2.87  | 4.20  | 1.62  | 1.20      | 0.22        | 12.76  | 33.44      |                             |       |        |       |           |             |        |            |
|            | T65EI011     | 10.10                        | 2.74  | 5.59  | 2.15  | 1.20      | 0.22        | 12.20  | 34.20      |                             |       |        |       |           |             |        |            |
|            | T65EI012     | 15.66                        | 4.40  | 8.38  | 3.22  | 3.90      | 0.71        | 19.04  | 55.31      |                             |       |        |       |           |             |        |            |
| T65EI013   | 30.56        | 8.35                         | 13.61 | 5.24  | 4.30  | 0.78      | 36.95       | 99.79  |            |                             |       |        |       |           |             |        |            |
| T65EI014   | 5.46         | 1.22                         | 1.21  | 0.47  | 0.11  | 0.02      | 7.00        | 15.49  |            |                             |       |        |       |           |             |        |            |
| T65EI015   | 6.41         | 1.44                         | 2.72  | 1.05  | 0.26  | 0.05      | 8.22        | 20.15  |            |                             |       |        |       |           |             |        |            |
| T65FL001   | 23.36        | 5.61                         | 7.94  | 7.09  | 0.24  | 0.04      | 31.59       | 75.87  |            |                             |       |        |       |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |        |        |        |           |             |        |            | SEVERE OPERATING CONDITIONS |        |        |        |           |             |        |            |
|------------|--------------|------------------------------|--------|--------|--------|-----------|-------------|--------|------------|-----------------------------|--------|--------|--------|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM   | FUEL   | FOG    | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM   | FUEL   | FOG    | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>T65</b> | <i>cont.</i> |                              |        |        |        |           |             |        |            |                             |        |        |        |           |             |        |            |
|            | T65FL002     | 16.35                        | 3.65   | 7.94   | 7.09   | 0.14      | 0.03        | 20.94  | 56.14      |                             |        |        |        |           |             |        |            |
|            | T65FL003     | 15.47                        | 3.46   | 7.94   | 7.09   | 0.14      | 0.03        | 19.81  | 53.94      |                             |        |        |        |           |             |        |            |
|            | T65FL004     | 22.23                        | 4.97   | 7.94   | 7.09   | 0.24      | 0.04        | 28.48  | 70.99      |                             |        |        |        |           |             |        |            |
|            | T65FL005     | 9.80                         | 2.19   | 3.97   | 3.55   | 0.09      | 0.02        | 12.55  | 32.17      |                             |        |        |        |           |             |        |            |
|            | T65FL006     | 5.28                         | 1.17   | 1.66   | 0.64   | 0.00      | 0.00        | 6.75   | 15.50      |                             |        |        |        |           |             |        |            |
|            | T65TL003     | 11.98                        | 2.71   | 3.05   | 1.18   | 0.65      | 0.12        | 15.38  | 35.07      |                             |        |        |        |           |             |        |            |
|            | T65TL005     | 9.15                         | 2.08   | 3.05   | 1.18   | 0.65      | 0.12        | 11.76  | 27.99      |                             |        |        |        |           |             |        |            |
|            | T65VA001     | 170.03                       | 59.36  | 108.50 | 69.58  | 0.00      | 0.00        | 179.23 | 586.70     | 191.28                      | 59.75  | 141.05 | 90.46  | 0.00      | 0.00        | 230.44 | 712.98     |
|            | T65VA002     | 274.72                       | 95.91  | 110.67 | 70.97  | 0.00      | 0.00        | 289.59 | 841.86     | 309.06                      | 96.54  | 143.87 | 92.26  | 0.00      | 0.00        | 372.33 | 1,014.06   |
|            | T65VA003     | 599.56                       | 209.32 | 250.42 | 160.59 | 0.00      | 0.00        | 632.01 | 1,851.90   | 674.51                      | 210.70 | 325.54 | 208.77 | 0.00      | 0.00        | 812.58 | 2,232.10   |
|            | T65VA004     | 41.99                        | 13.12  | 19.96  | 12.80  | 0.00      | 0.00        | 56.91  | 144.78     | 47.99                       | 13.24  | 25.95  | 16.64  | 0.00      | 0.00        | 72.26  | 176.08     |
|            | T65VA005     | 67.09                        | 20.96  | 40.36  | 25.88  | 0.00      | 0.00        | 90.92  | 245.21     | 76.67                       | 21.16  | 52.47  | 33.65  | 0.00      | 0.00        | 115.46 | 299.41     |
|            | T65VA006     | 84.10                        | 26.27  | 40.36  | 25.88  | 0.00      | 0.00        | 113.98 | 290.59     | 96.11                       | 26.53  | 52.47  | 33.65  | 0.00      | 0.00        | 144.74 | 353.50     |
|            | T65VA007     | 123.77                       | 38.66  | 62.93  | 40.36  | 0.00      | 0.00        | 167.74 | 433.46     | 141.45                      | 39.04  | 81.81  | 52.46  | 0.00      | 0.00        | 213.01 | 527.77     |
|            | T65VA008     | 32.37                        | 10.10  | 8.68   | 5.01   | 3.90      | 0.71        | 36.46  | 97.23      |                             |        |        |        |           |             |        |            |
|            | T65VA009     | 54.69                        | 16.61  | 18.66  | 10.77  | 0.00      | 0.00        | 61.25  | 161.98     |                             |        |        |        |           |             |        |            |
|            | T65WG001     | 8.94                         | 2.36   | 1.66   | 0.64   | 0.11      | 0.02        | 10.74  | 24.47      |                             |        |        |        |           |             |        |            |
|            | T65WG002     | 11.59                        | 3.11   | 2.48   | 0.95   | 0.83      | 0.15        | 13.97  | 33.08      |                             |        |        |        |           |             |        |            |
|            | T65WG003     | 21.25                        | 5.79   | 6.99   | 2.69   | 2.83      | 0.51        | 25.69  | 65.75      |                             |        |        |        |           |             |        |            |
|            | T65WG004     | 29.95                        | 8.10   | 8.38   | 3.22   | 3.05      | 0.55        | 36.13  | 89.38      |                             |        |        |        |           |             |        |            |
| T65WG005   | 8.73         | 2.66                         | 3.47   | 2.30   | 0.11   | 0.02      | 9.78        | 27.07  |            |                             |        |        |        |           |             |        |            |
| T65WG006   | 12.54        | 3.87                         | 6.51   | 4.51   | 0.83   | 0.15      | 14.09       | 42.50  |            |                             |        |        |        |           |             |        |            |
| T65WG007   | 23.43        | 7.31                         | 15.19  | 10.52  | 2.83   | 0.51      | 26.39       | 86.18  |            |                             |        |        |        |           |             |        |            |
| T65WG008   | 9.72         | 2.58                         | 2.48   | 0.95   | 0.32   | 0.06      | 11.68       | 27.79  |            |                             |        |        |        |           |             |        |            |
| T65WG009   | 18.05        | 4.81                         | 5.59   | 2.15   | 0.88   | 0.16      | 21.72       | 53.36  |            |                             |        |        |        |           |             |        |            |
| T65WG010   | 29.47        | 7.97                         | 11.34  | 4.36   | 3.05   | 0.55      | 35.56       | 92.30  |            |                             |        |        |        |           |             |        |            |
| T65WG011   | 33.74        | 9.21                         | 14.36  | 5.53   | 4.61   | 0.84      | 40.79       | 109.08 |            |                             |        |        |        |           |             |        |            |
| <b>W25</b> |              |                              |        |        |        |           |             |        |            |                             |        |        |        |           |             |        |            |
|            | W25AO001     | 0.44                         | 0.04   | 0.12   | 0.56   | 0.00      | 0.00        | 0.78   | 1.94       |                             |        |        |        |           |             |        |            |
|            | W25AO002     | 0.54                         | 0.05   | 0.12   | 0.81   | 0.00      | 0.00        | 0.95   | 2.47       |                             |        |        |        |           |             |        |            |
|            | W25AO003     | 0.80                         | 0.08   | 0.24   | 0.87   | 0.00      | 0.00        | 1.40   | 3.39       |                             |        |        |        |           |             |        |            |
|            | W25AO004     | 0.77                         | 0.08   | 0.24   | 1.12   | 0.00      | 0.00        | 1.36   | 3.57       |                             |        |        |        |           |             |        |            |
|            | W25AO005     | 1.63                         | 0.17   | 0.47   | 1.74   | 0.00      | 0.00        | 2.88   | 6.89       |                             |        |        |        |           |             |        |            |
| W25AO006   | 1.05         | 0.11                         | 0.12   | 0.81   | 0.00   | 0.00      | 1.86        | 3.95   |            |                             |        |        |        |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |       |       |       |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|-------|-------|-------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM  | FUEL  | FOG   | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>W25</b> | <i>cont.</i> |                              |       |       |       |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | W25CD001     | 3.40                         | 0.34  | 0.00  | 0.50  | 0.00      | 0.00        | 5.98   | 10.22      |                             |      |      |     |           |             |        |            |
|            | W25CD002     | 5.66                         | 0.57  | 0.00  | 0.75  | 0.00      | 0.00        | 9.95   | 16.93      |                             |      |      |     |           |             |        |            |
|            | W25CJ001     | 13.77                        | 2.51  | 1.74  | 1.12  | 0.00      | 0.00        | 22.03  | 41.17      |                             |      |      |     |           |             |        |            |
|            | W25CJ002     | 19.64                        | 3.58  | 2.08  | 1.33  | 0.00      | 0.00        | 31.43  | 58.06      |                             |      |      |     |           |             |        |            |
|            | W25CJ003     | 22.19                        | 4.04  | 2.08  | 1.33  | 0.00      | 0.00        | 35.51  | 65.15      |                             |      |      |     |           |             |        |            |
|            | W25NL001     | 7.80                         | 1.10  | 23.56 | 12.09 | 0.00      | 0.00        | 14.97  | 59.52      |                             |      |      |     |           |             |        |            |
|            | W25NL002     | 12.13                        | 1.72  | 13.79 | 4.95  | 0.00      | 0.00        | 23.30  | 55.89      |                             |      |      |     |           |             |        |            |
|            | W25NL003     | 8.77                         | 1.24  | 6.17  | 2.22  | 0.00      | 0.00        | 16.83  | 35.23      |                             |      |      |     |           |             |        |            |
|            | W25NL004     | 16.58                        | 2.37  | 1.65  | 0.59  | 0.15      | 0.03        | 31.87  | 53.24      |                             |      |      |     |           |             |        |            |
|            | W25SD001     | 0.66                         | 0.07  | 0.59  | 0.30  | 0.00      | 0.00        | 1.16   | 2.78       |                             |      |      |     |           |             |        |            |
|            | W25SD002     | 1.57                         | 0.16  | 0.35  | 0.18  | 0.00      | 0.00        | 2.76   | 5.02       |                             |      |      |     |           |             |        |            |
|            | W25SD003     | 1.01                         | 0.10  | 1.86  | 0.57  | 0.00      | 0.00        | 1.78   | 5.32       |                             |      |      |     |           |             |        |            |
|            | W25SD004     | 1.96                         | 0.20  | 3.06  | 0.94  | 0.03      | 0.01        | 3.47   | 9.67       |                             |      |      |     |           |             |        |            |
|            | W25SD005     | 0.88                         | 0.09  | 1.46  | 0.45  | 0.00      | 0.00        | 1.55   | 4.43       |                             |      |      |     |           |             |        |            |
|            | W25WE001     | 3.62                         | 0.52  | 5.89  | 3.52  | 0.08      | 0.01        | 6.97   | 20.61      |                             |      |      |     |           |             |        |            |
|            | W25WE002     | 4.02                         | 0.58  | 8.84  | 5.29  | 0.08      | 0.01        | 7.74   | 26.56      |                             |      |      |     |           |             |        |            |
|            | W25WE003     | 4.40                         | 0.63  | 3.75  | 1.35  | 0.08      | 0.01        | 8.48   | 18.70      |                             |      |      |     |           |             |        |            |
| W25WE004   | 7.14         | 1.02                         | 17.67 | 10.57 | 0.08  | 0.01      | 13.74       | 50.23  |            |                             |      |      |     |           |             |        |            |
| W25WE005   | 8.85         | 1.26                         | 6.59  | 2.37  | 0.08  | 0.01      | 17.01       | 36.17  |            |                             |      |      |     |           |             |        |            |
| W25WE006   | 10.00        | 1.42                         | 9.88  | 3.55  | 0.06  | 0.01      | 19.21       | 44.13  |            |                             |      |      |     |           |             |        |            |
| W25WE007   | 11.49        | 1.64                         | 9.47  | 3.40  | 0.10  | 0.02      | 22.10       | 48.22  |            |                             |      |      |     |           |             |        |            |
| <b>W30</b> | W30MG099     | 0.26                         | 0.08  | 0.00  | 0.00  | 0.05      | 0.01        | 0.26   | 0.66       |                             |      |      |     |           |             |        |            |
|            | W30SO001     | 2.77                         | 0.75  | 0.73  | 0.23  | 0.14      | 0.03        | 2.70   | 7.35       |                             |      |      |     |           |             |        |            |
|            | W30SO002     | 3.33                         | 0.89  | 0.73  | 0.23  | 0.14      | 0.03        | 3.24   | 8.59       |                             |      |      |     |           |             |        |            |
|            | W30SO003     | 3.63                         | 0.97  | 0.73  | 0.23  | 0.14      | 0.03        | 3.53   | 9.26       |                             |      |      |     |           |             |        |            |
|            | W30SO004     | 1.83                         | 0.48  | 0.00  | 0.01  | 0.00      | 0.00        | 1.48   | 3.80       |                             |      |      |     |           |             |        |            |
|            | W30SO005     | 2.05                         | 0.54  | 0.00  | 0.01  | 0.00      | 0.00        | 1.65   | 4.25       |                             |      |      |     |           |             |        |            |
|            | W30SO006     | 2.36                         | 0.62  | 0.00  | 0.01  | 0.00      | 0.00        | 1.91   | 4.90       |                             |      |      |     |           |             |        |            |
| <b>W35</b> | W35LC001     | 0.16                         | 0.04  | 1.23  | 0.38  | 0.00      | 0.00        | 0.22   | 2.03       |                             |      |      |     |           |             |        |            |
|            | W35LC002     | 0.35                         | 0.08  | 2.24  | 0.69  | 0.02      | 0.00        | 0.49   | 3.87       |                             |      |      |     |           |             |        |            |
|            | W35LC003     | 0.44                         | 0.10  | 2.02  | 0.62  | 0.02      | 0.00        | 0.61   | 3.81       |                             |      |      |     |           |             |        |            |
|            | W35LC004     | 0.81                         | 0.18  | 2.91  | 0.90  | 0.03      | 0.01        | 1.12   | 5.96       |                             |      |      |     |           |             |        |            |

**Table 2-2 . HOURLY RATE ELEMENTS**

| REGION 10  |              | AVERAGE OPERATING CONDITIONS |      |      |      |           |             |        |            | SEVERE OPERATING CONDITIONS |      |      |     |           |             |        |            |
|------------|--------------|------------------------------|------|------|------|-----------|-------------|--------|------------|-----------------------------|------|------|-----|-----------|-------------|--------|------------|
| CAT        | ID. NO.      | DEPR                         | FCCM | FUEL | FOG  | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE | DEPR                        | FCCM | FUEL | FOG | TIRE WEAR | TIRE REPAIR | REPAIR | TOTAL RATE |
| <b>W35</b> | <b>cont.</b> |                              |      |      |      |           |             |        |            |                             |      |      |     |           |             |        |            |
|            | W35LC005     | 1.03                         | 0.23 | 1.52 | 0.47 | 0.03      | 0.01        | 1.42   | 4.71       |                             |      |      |     |           |             |        |            |
|            | W35LC006     | 1.05                         | 0.24 | 1.52 | 0.47 | 0.03      | 0.01        | 1.44   | 4.76       |                             |      |      |     |           |             |        |            |
|            | W35LC010     | 0.06                         | 0.01 | 0.56 | 0.29 | 0.00      | 0.00        | 0.05   | 0.97       |                             |      |      |     |           |             |        |            |
|            | W35LC011     | 0.33                         | 0.05 | 1.00 | 0.51 | 0.00      | 0.00        | 0.28   | 2.17       |                             |      |      |     |           |             |        |            |
|            | W35LC012     | 0.34                         | 0.05 | 1.30 | 0.67 | 0.00      | 0.00        | 0.29   | 2.65       |                             |      |      |     |           |             |        |            |
|            | W35LC013     | 0.33                         | 0.05 | 1.53 | 0.79 | 0.00      | 0.00        | 0.29   | 2.99       |                             |      |      |     |           |             |        |            |
|            | W35LC018     | 0.09                         | 0.01 | 0.19 | 0.10 | 0.00      | 0.00        | 0.08   | 0.47       |                             |      |      |     |           |             |        |            |
|            | W35LC019     | 0.27                         | 0.04 | 0.41 | 0.21 | 0.00      | 0.00        | 0.23   | 1.16       |                             |      |      |     |           |             |        |            |
|            | W35LC020     | 0.40                         | 0.06 | 0.97 | 0.50 | 0.00      | 0.00        | 0.34   | 2.27       |                             |      |      |     |           |             |        |            |

## CHAPTER 3

### ADJUSTMENTS TO HOURLY RATES

#### SECTION I. GENERAL

3-1. Contents. This chapter explains the procedures for adjusting the hourly rates shown in TABLE 2-1.

3-2. Basis for Equipment Rates. The rates shown in TABLE 2-1 are based on the catalog list price of three-year old equipment manufactured in 1996. Area factors used to compute regional ownership and operating expenses are listed in APPENDIX B, Area Factors. All equipment hourly rate elements for average and severe conditions are given in TABLE 2-2, Hourly Rate Elements. Individual cost elements, which comprise the total hourly rate, are shown in TABLE 2-2. These hourly rate elements are listed by equipment identification number, which corresponds to the equipment shown in TABLE 2-1.

a. Operating Costs consist of five cost elements: fuel (FUEL), filters, oil, and grease (FOG), repairs (REPAIR), tire wear (TIRE WEAR), and tire repair (TIRE REPAIR) located in Table 2-2.

b. Ownership Costs consist of two cost elements: depreciation (DEPR) and facilities capital cost of money (FCCM) located in Table 2-1 and Table 2-2.

3-3. Basis for Equipment Rate Adjustment Tables. TABLES 3-1, Equipment Rate Adjustments for Ownership Costs, and TABLE 3-2, Equipment Rate Adjustments for Standby Costs, have been developed to adjust TABLE 2-1 hourly rates.

3-4. Determination for use of Equipment Rates in Table 2-1. There are two methods to obtain an hourly equipment rate. The first method is to use the rates in Table 2-1 and Table 2-2, and modify them as described in this chapter. The second method is to use the step-by-step rate computation shown in Figure 2-1. The equipment rates shown in Table 2-1 and Table 2-2 may be used instead of a step-by-step rate computation when both of the following conditions are met.

a. Cost or pricing data is not available.

b. The contractor's actual unit of equipment is equivalent in size, capacity, horsepower, and value to the unit of equipment listed in TABLE 2-1.

## SECTION II. RATE ADJUSTMENTS

3-5. Rate Adjustments. The ownership and/or the operating portion of the hourly rates and standby hourly rates shall be adjusted whenever one or more of the following rate adjustment conditions exist. Rate adjustment conditions are explained below.

- Changes in operating conditions... .. See Paragraph 3-6.
- Changes in FCCM rate... .. See Paragraph 3-7.
- Work shifts greater than 40 hours per week... .. See Paragraph 3-8.
- Changes in FUEL cost... .. See Paragraph 3-9.
- Adjustments to FOG Cost... .. See Paragraph 3-10.
- Equipment of different age than Table 2-1 ... .. See Paragraph 3-11.
- Rate adjustment for overage equipment... .. See Paragraph 3-12.
- Rate adjustment for overage equipment standby... .. See Paragraph 3-13.

There are no rate adjustments for APPENDIX B factors except for fuel cost and Cost of Money Rate (COM). Also, there are no rate adjustments for repairs, tire wear, or tire repair.

3-6. Changes in Operating Conditions. If difficult or severe conditions are justified by the Contracting Officer, selection or calculation of the appropriate rate is necessary. See Chapter 2, Section II, Operating Conditions for definition of average, difficult, or severe conditions, and determination of condition.

3-7. Change in Facilities Capital Cost of Money (FCCM) Rate. If the cost-of-money rate shown in Chapter 2, Section VII, Ownership Cost is not the current rate, the FCCM portion of the rate shall be adjusted upward or downward to match the cost-of-money rate for the period of equipment use. See APPENDIX I, Federal Cost-of-Money Rate, for a listing of cost-of-money rates. The Department of the Treasury adjusts the cost-of-money rate (Prompt Payment Interest Rate) on or about 1 January and 1 July each year; these revisions are printed in the Federal Register. Internet address for Prompt Payment Interest Rate is <http://www.fms.treas.gov/prompt.html>.

$$\text{Hourly Rate} = \text{DEPR/hr} + [(\text{FCCM/hr}) \times \frac{(\text{new COM})}{(\text{old COM})}] + \text{Operating Costs/hr}$$

Example: Assume that TABLE 2-1 includes a crane (*Category C80, Sub-Category 0.02*) with the below hourly costs. The FCCM rate has increased from 5.00% to 6.00% (increase of 20.00%). The total hourly rate for this piece of equipment can be determined as follows:



Assumptions for Cost of Money rate of 6.00% (Discounted Rate of 4.00%):

|   |   |            |
|---|---|------------|
| DEPR (Depreciation)   | = | \$30.00/hr |
| FCCM (Facilities Capital Cost of Money)                       | = | \$10.00/hr |
| Operating Costs (FUEL, FOG, TIRE WEAR, TIRE REPAIR, & REPAIR) | = | \$40.00/hr |
|   |   | =====      |
| Total hourly rate (40 hrs/week)                               | = | \$80.00/hr |

Adjustment Calculation for new Cost of Money rate of 6.00%:

$$\begin{aligned} & \$30.00/\text{hr} + [(\$10.00/\text{hr}) \times (\underline{6.00\%})] + \$40.00/\text{hr} & = & \$82.00/\text{hr} \\ & & & (5.00\%) \end{aligned}$$

3-8. Actual Work Hours Exceed 40 Hours per Week. If the actual number of work hours per week is greater than 40 hours, an adjustment shall be made to the FCCM element of the ownership cost. FCCM is to be paid up to a maximum of 40 hours per week (7 calendar days). To calculate a multi-shift rate, prorate the 40-hour FCCM over the actual hours per week, as follows:

Work Shift (Exceeding 40 hrs/week)

$$\text{Hourly Rate} = \text{DEPR}/\text{hr} + [(\text{FCCM}/\text{hr}) \times (\underline{\quad 40 \text{ hrs/week} \quad}) ] + \text{Operating Costs}/\text{hr}$$

(actual work hrs/week)

Example: Assume that TABLE 2-1 includes a crane (*Category C80, Sub-Category 0.02*) with the below hourly costs. This crane worked 10 hours per day, 6 days per week (60 hours per week). The total hourly rate for this piece of equipment can be determined as follows:

Assumptions for 40 hrs/week:

|   |   |            |
|---|---|------------|
| DEPR (Depreciation)   | = | \$30.00/hr |
| FCCM (Facilities Capital Cost of Money)                       | = | \$10.00/hr |
| Operating Costs (FUEL, FOG, TIRE WEAR, TIRE REPAIR, & REPAIR) | = | \$40.00/hr |
|   |   | =====      |
| Total hourly rate (40 hrs/week)                               | = | \$80.00/hr |

Adjustment Calculation for 60 hrs/week:

$$\begin{aligned} & \$30.00/\text{hr} + [(\$10.00/\text{hr}) \times (\underline{40 \text{ hrs/week}})] + \$40.00/\text{hr} & = & \$76.67/\text{hr} \\ & & & (60 \text{ hrs/week}) \end{aligned}$$

3-9. Changes in Fuel Cost. Hourly fuel costs (including electricity) shall be adjusted in the event the average fuel prices at the jobsite vary by more than 10 percent above or below the price in APPENDIX B. The contractor shall be required to furnish copies of all fuel supply contracts and invoices to the government to support fuel cost adjustment. Request for upward adjustment in the rates will be considered only when fuel is supplied by recognized distributors of bulk quantities. For example, if fuel cost increased by 15 percent, then 15 percent of the hourly fuel cost shall be added to the total hourly rate. Mathematically this is the ratio of the new fuel cost divided by the fuel cost (Appendix B).

$$\text{Hourly Rate} = (\text{DEPR/hr} + \text{FCCM/hr}) + (\text{FOG/hr} + \text{TIRE WEAR/hr} + \text{TIRE REPAIR/hr} + \text{REPAIR/hr}) + [(\text{new Fuel cost}) \times \text{FUEL/hr}]$$

(Fuel cost in Appendix B)

Example: Assume that TABLE 2-1 includes a crane (*Category C80, Sub-Category 0.02*) with the below hourly costs. The fuel cost of \$1.03/gal from Appendix B has increased to \$1.20/gal (increase of 16.5%). The total hourly rate is adjusted by adding 16.5% to the hourly FUEL cost element. The total hourly rate for this piece of equipment can be determined as follows:

Assumptions for fuel cost of \$1.03/gal from Appendix B:

|   |              |
|---|--------------|
| DEPR (Depreciation)                     | = \$30.00/hr |
| FCCM (Facilities Capital Cost of Money) | = \$10.00/hr |
| FOG + TIRE WEAR + TIRE REPAIR + REPAIR  | = \$30.00/hr |
| FUEL                                    | = \$10.00/hr |
|   | =====        |
| Total hourly rate                       | = \$80.00/hr |

Adjustment Calculation for new FUEL rate of \$1.20/gal:

$$(\$30.00/\text{hr} + \$10.00/\text{hr}) + \$30.00/\text{hr} + [(\$1.20/\text{gal}) \times \$10.00/\text{hr}] = \$81.65/\text{hr}$$

(\$1.03/gal)

3-10. Adjustments to FOG Cost. The hourly FOG allowance shall also be adjusted upward or downward at the same percentage as the fuel cost change using the methodology as shown in paragraph 3-8, Changes in Fuel Cost.

3-11. Equipment of different age than Table 2-1. When the age of the equipment is newer or older than the age of the equipment listed in TABLE 2-1, TABLE 3-1 factors may be used to adjust the hourly rate (See paragraph 3-4. for guidance), otherwise the step-by-step calculation method is necessary. The factors given in TABLE 2-1 are

multiplied by the hourly ownership costs shown in TABLE 3-1. The result is an ownership rate adjusted for the actual age of the equipment. Note: Age adjustment factors in TABLES 3-1 and 3-2 varies by region.

a. When the age of a unit of equipment is older than the age of the equipment listed in TABLE 2-1, and does not exceed the economic life, as shown in APPENDIX D, use the example below to adjust the hourly rate. Economic life is determined by dividing hours of LIFE (from APPENDIX D) by Working Hours Per Year (WHPY from APPENDIX B).

Example: Assume that TABLE 2-1 includes a crane (*Category C80, Sub-Category 0.02*) manufactured in 1996, and has a total hourly rate of \$65.00 per hour and an ownership rate of \$30.00 per hour. If an equivalent crane owned by a contractor was manufactured in 1992, the total hourly rate is determined as follows:

Table 2-1 rate and adjustment calculation:

|  |                 |
|--|-----------------|
| Total hourly rate  | = \$65.00/hr    |
| Ownership rate 1996 (Depreciation + FCCM)  | = -(\$30.00)/hr |
| Ownership rate 1992 adjusted for age<br>(Ownership rate = \$30.00) x (age adjustment factor = .89) | = + \$26.70/hr  |
|  | =====           |
| Total hourly rate for equipment manufactured in 1992   | = \$61.70/hr    |

Note: The age adjustment factor of .89 is found in TABLE 3-1, for CAT C80, SUB 0.02, and for the year 1992.

b. When the unit of equipment is older than the age of equipment listed in TABLE 2-1 and exceeds the economic life as shown in APPENDIX D, use the example for overage equipment in Section 3-11.b shown below.

c. When the age of the unit of equipment is younger than the life in years shown in Table 3-1, use the latest age adjustment factor listed and follow the above adjustment example. The step-by-step calculation method shown in Figure 2-1, Equipment Rate Calculation Worksheet may also be used.

3-12. Rate Adjustment for Overage Equipment. If the contractor's equipment exceeds the economic life in hours, it is considered overage and the rates shall be adjusted (see Chapter 2, Section V, LIFE).

a. The base year for determining overage equipment value is the year corresponding to economic life. The total hourly operating rate for overage equipment

(no matter how old) shall be computed on the basis that the equipment is as old as possible "without" exceeding the hours of LIFE as shown in APPENDIX D. TABLE 3-1 and TABLE 3-2 show factors for the economic life for equipment based on the current pamphlet year (e.g. manufactured in 1996). If there is a comparable unit of equipment (horsepower, value, capacity, and size) shown in TABLE 2-1, the total hourly rate can be computed as shown in the following example.

b. If the equipment is overage, the ownership portion of the rate shall be adjusted. This adjusted rate is not to exceed the rate for the same unit of equipment that is not overage.

Example: Assume that TABLE 2-1 includes a crane (*Category C80, Sub-Category 0.02*) manufactured in 1996, and has a total hourly rate of \$65.00 per hour and an ownership rate of \$30.00 per hour. If an equivalent crane owned by a contractor was manufactured in 1974 (maximum life 1989), this crane is overage and the total hourly rate is determined as follows:

Table 2-1 rate and adjustment calculations:

|   |               |
|---|---------------|
| Total hourly rate   | = \$65.00/hr  |
| Ownership rate 1996 (Depreciation + FCCM)   | =\$30.00/hr   |
| Ownership rate 1974 adjusted for age<br>(Ownership rate = \$30.00) x<br>(Assume the oldest age adjustment factor = .77) | =+ \$23.10/hr |
|   | =====         |
| Total hourly rate for equipment manufactured in 1974  | = \$58.10/hr  |

Note: The age adjustment factor of .77 is found in TABLE 3-1, for CAT C80, SUB 0.02, and for the last year shown.

3-13. Rate Adjustment for Overage Equipment Standby. If the equipment age is other than listed in TABLE 2-1 (1996), then adjustment to the hourly standby rate is required.

a. Standby rates are based on the "actual" age of the equipment, whether overage or not. The age adjustment factors given in TABLE 3-2 are multiplied by the hourly standby costs shown in TABLE 2-1 and result in a standby rate adjusted for the "actual" age of the unit of equipment being considered.

Example: Assume that TABLE 2-1 includes a crane (*Category C80, Sub-Category 0.02*) manufactured in 1996, and has a standby rate of \$18.00 per hour. If an

equivalent crane owned by a contractor was manufactured in 1992, the hourly standby rate is determined as follows:

Table 2-1 rate:

Hourly Standby rate (per hour) = \$18.00/hr

Adjustment Calculation:

Hourly Standby rate adjusted for actual age (per hour)

(Hourly Standby rate = \$18.00/hr) x (Age adjustment factor = .90) = \$16.20/hr

Note: The age adjustment factor of .90 is found in TABLE 3-2, for CAT C80, SUB 0.02, and for 1992 (actual year of manufacture).

b. When the equipment age is older than the last year shown in TABLE 3-2, the standby rate must be calculated using the step-by-step methodology shown in Figure 3-2, Standby Hourly Rate Calculation for Overage Equipment.

3-14. Adjustments to Rates for Equipment Not Listed in TABLE 2-1. When a unit of equipment is not listed in TABLE 2-1, the hourly rate may be determined by using the hourly rate listed for a similar unit of equipment or by proportioning a rate listed so that horsepower, value, capacity, and size are properly considered. When an hourly rate cannot be determined using TABLE 2-1, rates will be calculated following the methodology outlined in Chapter 2 and the adjustments explained in this chapter.

3-15. Equipment Purchased Used. A detailed methodology for computing a total hourly rate for equipment purchased used is not included in this pamphlet.

a. When actual cost data in accordance with Chapter 1 is not available, an hourly rate and standby rate for equipment purchased used can be computed on the basis that the equipment was purchased new by the contractor in the year it was manufactured. Consideration for the actual age of used equipment may require an adjustment for overage.

b. The condition of the used equipment at the time of purchase should consider the extent of capital improvements, mechanical condition, and previous hours of operation. These conditions are difficult or impossible to determine and evaluate when computing a total hourly rate based on actual acquisition cost.

3-16. Rate Calculation Example. Figure 3-1, Total Hourly Rate Calculation for Overage Equipment, illustrates how total hourly rates are adjusted for overage equipment.

Figure 3-2, Standby Rate Calculation for Overage Equipment, gives a sample calculation for computing adjusted standby rates.

**TABLE 3-1**  
**EQUIPMENT AGE ADJUSTMENT FACTORS**  
**FOR**  
**OWNERSHIP COSTS**

THE "Equipment Age Adjustment Factors for Ownership Costs" in TABLE 3-1 are used when the age of a unit of equipment is other than the age of the equipment listed in TABLE 2-1.

The factors given in TABLE 3-1 are multiplied by the hourly ownership costs when shown in TABLE 2-1 and result in an ownership rate adjusted for the actual age of the equipment being considered.

When the "life" of the unit of equipment has exceeded the economic life given in APPENDIX D, the age will be determined as discussed in Chapter 3, Adjustments to Hourly Rates

Refer to Chapter 3, as follows:

- 3-11. Equipment of different age than Table 2-1.
- 3-12. Rate Adjustment for Overage Equipment.

**Table 3-1 Equipment Age Adjustment Factors for Ownership Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                   | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----------------|--|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|                 |  | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |  |  |  |
|                 |  | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |  |  |  |
| A10 0.00        | AGGREGATE / CHIP SPREADERS                       |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A10 0.10        | SELF-PROPELLED                                   | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A10 0.20        | TOWED & TAILGATE                                 | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A15 0.00        | AIR COMPRESSORS, PORTABLE                        |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A15 0.10        | ROTARY SCREW                                     | 1.01          | 1.01 | 1.00 | 1.00 | 0.99 | 0.97               | 0.98 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A15 0.20        | SHOP TYPE  | 1.01          | 1.01 | 1.00 | 1.00 | 0.99 | 0.97               | 0.98 | 0.97 | 0.94 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A20 0.00        | AIR HOSE, TOOLS & EQUIPMENT                      |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A20 0.10        | AIR HOSE   | 1.01          | 1.01 | 1.00 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A20 0.20        | SANDBLAST HOSE                                   | 1.01          | 1.01 | 1.00 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A20 0.30        | SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS        | 1.01          | 1.01 | 1.00 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A25 0.00        | ASPHALT PAVING DISTRIBUTORS                      | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 | 0.95               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A30 0.00        | ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT    |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A30 0.10        | SELF PROPELLED                                   | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A30 0.20        | TOWED  | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A30 0.30        | SLURRY SEAL PAVERS (COLD MIX)                    | 1.10          | 1.07 | 1.03 | 1.00 | 0.98 | 0.95               | 0.93 | 0.89 | 0.90 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A30 0.40        | MISCELLANEOUS ROAD EQUIPMENT                     | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A35 0.00        | ASPHALT PAVING KETTLES                           | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A40 0.00        | ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| A45 0.00        | ASPHALT RECYCLERS & SEALERS                      | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 | 0.95               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B10 0.00        | BATCH PLANTS (ASPHALT & CONCRETE)                |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B10 0.10        | ASPHALT  | 1.10          | 1.07 | 1.03 | 1.00 | 0.98 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B10 0.20        | CONCRETE   | 1.10          | 1.07 | 1.03 | 1.00 | 0.98 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B10 0.30        | PUGMILL  | 1.10          | 1.07 | 1.03 | 1.00 | 0.98 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B15 0.00        | BROOMS, STREET SWEEPERS & FLUSHERS               | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B20 0.00        | BRUSH CHIPPERS                                   | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B25 0.00        | BUCKETS, CLAMSHELL                               | 1.04          | 1.03 | 1.02 | 1.00 | 0.98 | 0.98               | 0.98 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B30 0.00        | BUCKETS, CONCRETE                                |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |



**Table 3-1 Equipment Age Adjustment Factors for Ownership Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                   | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----------------|--|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|                 |  | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |  |  |  |
|                 |  | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |  |  |  |
| B30 0.10        | GENERAL PURPOSE, MANUAL TRIP                     | 1.05          | 1.03 | 1.02 | 1.00 | 0.98 | 0.98               | 0.98 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B30 0.20        | LAYDOWN  | 1.05          | 1.03 | 1.02 | 1.00 | 0.98 | 0.98               | 0.98 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B30 0.30        | LOWBOY   | 1.05          | 1.03 | 1.02 | 1.00 | 0.98 | 0.98               | 0.98 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B30 0.40        | LOW SLUMP  | 1.05          | 1.03 | 1.02 | 1.00 | 0.98 | 0.98               | 0.98 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B35 0.00        | BUCKETS, DRAGLINE                                |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B35 0.10        | LIGHT WEIGHT                                     | 1.04          | 1.03 | 1.02 | 1.00 | 0.98 | 0.98               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B35 0.20        | MEDIUM WEIGHT                                    | 1.04          | 1.03 | 1.02 | 1.00 | 0.98 | 0.98               | 0.98 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| B35 0.30        | HEAVY WEIGHT                                     | 1.04          | 1.03 | 1.02 | 1.00 | 0.98 | 0.98               | 0.98 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C05 0.00        | CHAIN SAWS                                       | 1.07          | 1.04 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C10 0.00        | COMPACTORS & WALK-BEHIND ROLLERS                 |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C10 0.10        | COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PLATES | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C10 0.20        | ROLLERS, VIBRATORY                               | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C15 0.00        | CONCRETE CLEANERS / BLASTERS                     | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C20 0.00        | CONCRETE BUGGIES                                 | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C25 0.00        | CONCRETE FINISHERS/SCREEDS/SPREADERS             |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C25 0.10        | FINISHERS/TROWELS                                | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C25 0.20        | VIBRATORY SCREED                                 | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C25 0.25        | VIBRATORY LASER SCREED                           | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C25 0.30        | MATERIAL/TOPPING SPREADERS                       | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C30 0.00        | CONCRETE GRINDERS                                | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C35 0.00        | CONCRETE GUNITERS / SHOTCRETERS                  | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C40 0.00        | CONCRETE MIXING UNITS                            | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C45 0.00        | CONCRETE PAVING MACHINES                         | 1.10          | 1.07 | 1.04 | 1.00 | 0.98 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C55 0.00        | CONCRETE PUMPS                                   | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C60 0.00        | CONCRETE SAWS (sawblade wear not included)       | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C65 0.00        | CONCRETE VIBRATORS                               | 1.01          | 1.01 | 1.00 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C70 0.00        | CRANES, GANTRY & STRADDLE                        |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |

**Table 3-1 Equipment Age Adjustment Factors for Ownership Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                          | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----------------|---|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|                 |   | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |  |  |  |
|                 |   | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |  |  |  |
| C75 0.00        | CRANES, HYDRAULIC, SELF-PROPELLED                       | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 |      |      |      |      |      |      |      |      |  |  |  |  |
| C80 0.00        | CRANES, HYDRAULIC, TRUCK MOUNTED                        |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C80 0.01        | UNDER 26 TON  | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 |      |      |      |      |      |      |      |      |  |  |  |  |
| C80 0.02        | 26 TON THRU 65 TON                                      | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 |      |      |      |      |      |      |      |  |  |  |  |
| C80 0.03        | 66 TON THRU 125 TON                                     | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 |      |      |      |      |      |  |  |  |  |
| C80 0.04        | OVER 125 TON  | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.90 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 | 0.66 |      |      |      |      |  |  |  |  |
| C85 0.00        | CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED       |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C85 0.11        | DRAGLINE, CLAMSHELL, 0 THRU 1.0 CY                      | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C85 0.12        | DRAGLINE, CLAMSHELL, OVER 1.0 CY THRU 2.5 CY            | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 |      |      |      |      |      |      |      |      |  |  |  |  |
| C85 0.13        | DRAGLINE, CLAMSHELL, OVER 2.5 CY THRU 5.0 CY            | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 |      |      |      |      |      |      |      |  |  |  |  |
| C85 0.14        | DRAGLINE, CLAMSHELL, OVER 5.0 CY                        | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 |      |      |      |      |      |  |  |  |  |
| C85 0.21        | LIFTING, 0 THRU 25 TON                                  | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C85 0.22        | LIFTING, 26 TON THRU 50 TON                             | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 |      |      |      |      |      |      |      |  |  |  |  |
| C85 0.23        | LIFTING, 51 TON THRU 150 TON                            | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 |      |      |      |      |      |  |  |  |  |
| C85 0.24        | LIFTING, OVER 150 TON                                   | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.90 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 | 0.66 |      |      |      |      |  |  |  |  |
| C90 0.00        | CRANES, MECHANICAL, LATTICE BOOM, TRUCK MOUNTED         |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| C90 0.01        | UNDER 26 TON  | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 |      |      |      |      |      |      |      |      |  |  |  |  |
| C90 0.02        | 26 TON THRU 65 TON                                      | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 |      |      |      |      |      |      |      |  |  |  |  |
| C90 0.03        | 66 TON THRU 125 TON                                     | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 |      |      |      |      |      |  |  |  |  |
| C90 0.04        | OVER 125 TON  | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.90 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 | 0.66 |      |      |      |      |  |  |  |  |
| C95 0.00        | CRANES, TOWER   | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.83 | 0.80 | 0.76 | 0.69 | 0.67 |      |      |      |      |      |  |  |  |  |
| D10 0.00        | DRILLS, AIR/HYDRAULIC, CRWLR MTD, 0" THRU 6.5" DIA HOLE | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93               | 0.91 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| D15 0.00        | DRILLS, HORIZONTAL BORING & GROUND PIERCING             | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93               | 0.91 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| D20 0.00        | DRILLS, CORE, COLUMN MOUNTED                            | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| D25 0.00        | DRILLS, CORE, SKID MOUNTED                              | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93               | 0.91 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| D30 0.00        | DRILLS, EARTH / AUGER                                   | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93               | 0.91 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| D35 0.00        | DRILLS, ROTARY BLASTHOLE                                |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |

**Table 3-1 Equipment Age Adjustment Factors for Ownership Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----------------|---|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|                 |   | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |  |  |  |
|                 |   | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |  |  |  |
| D35 0.11        | DIESEL, 4.5" THRU 9.875" DIAMETER HOLE        | 1.06          | 1.03 | 1.02 | 1.00 | 0.96 | 0.93               | 0.92 | 0.89 | 0.88 | 0.85 |      |      |      |      |      |      |      |      |  |  |  |  |
| D35 0.12        | DIESEL, OVER 9.875" DIAMETER                  | 1.06          | 1.03 | 1.02 | 1.00 | 0.96 | 0.93               | 0.92 | 0.89 | 0.88 | 0.85 | 0.82 | 0.77 | 0.76 |      |      |      |      |      |  |  |  |  |
| D35 0.21        | ELECTRIC, 4.5" THRU 9.875" DIAMETER HOLE      | 1.06          | 1.03 | 1.02 | 1.00 | 0.96 | 0.93               | 0.92 | 0.89 | 0.88 | 0.85 |      |      |      |      |      |      |      |      |  |  |  |  |
| D35 0.22        | ELECTRIC, OVER 9.875" DIAMETER                | 1.06          | 1.03 | 1.02 | 1.00 | 0.96 | 0.93               | 0.92 | 0.89 | 0.88 | 0.85 | 0.82 | 0.77 | 0.76 |      |      |      |      |      |  |  |  |  |
| F10 0.00        | FORK LIFTS                                    | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| G10 0.00        | GENERATOR SETS                                |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| G10 0.10        | PORTABLE                                      | 1.00          | 1.00 | 0.99 | 1.00 | 0.99 | 0.96               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| G10 0.20        | SKID MOUNTED                                  | 1.00          | 1.00 | 0.99 | 1.00 | 0.99 | 0.96               | 0.95 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| G15 0.00        | GRADERS, MOTOR                                | 1.09          | 1.05 | 1.02 | 1.00 | 0.94 | 0.91               | 0.88 | 0.82 | 0.78 | 0.75 |      |      |      |      |      |      |      |      |  |  |  |  |
| H10 0.00        | HAMMERS, HYDRAULIC (DEMOLITION TOOL)          | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.00        | HAZARD/TOXIC WASTE EQUIPMENT                  |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.11        | COMPACTORS (COMPRESSION FORCE) 0 THRU 50 TONS | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.12        | COMPACTORS (COMPRESSION FORCE) OVER 50 TONS   | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.21        | FILTER PRESSES, STATIONARY                    | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.22        | FILTER PRESSES, MOBILE                        | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.30        | CENTRIFUGES                                   | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.40        | SHREDDERS                                     | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.51        | SOIL TREATMENT PLANT, MOBILE                  | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.61        | SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS    | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H13 0.71        | WASTE HANDLING EQUIPMENT, DRUM HANDLING       | 1.07          | 1.04 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H15 0.00        | HEATERS, SPACE                                |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H20 0.00        | HOISTS & AIR WINCHES                          | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H25 0.00        | HYDRAULIC EXCAVATORS, CRAWLER MOUNTED         |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H25 0.11        | 0 LBS THRU 40,000 LBS                         | 1.08          | 1.05 | 1.03 | 1.00 | 0.97 | 0.94               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H25 0.12        | OVER 40,000 LBS THRU 100,000 LBS              | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.89 | 0.83 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| H25 0.13        | OVER 100,000 LBS THRU 160,000 LBS             | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 |      |      |      |      |      |  |  |  |  |
| H25 0.14        | OVER 160,000 LBS                              | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 |      |      |      |      |      |  |  |  |  |

**Table 3-1 Equipment Age Adjustment Factors for Ownership Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                    | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|---|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |   | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|                 |   | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |
| H25 0.21        | ATTACHMENTS, MOBILE SHEARS                        | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| H25 0.22        | ATTACHMENTS, MATERIAL HANDLING                    | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| H25 0.23        | ATTACHMENTS, CONCRETE PULVERIZERS                 | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| H25 0.24        | ATTACHMENTS, COMPACTORS                           | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| H30 0.00        | HYDRAULIC EXCAVATORS, WHEEL MOUNTED               |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| H30 0.01        | 0 THRU 1.0 CY                                     | 1.08          | 1.05 | 1.03 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |
| H30 0.02        | OVER 1.0 CY                                       | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 |      |      |      |      |      |      |      |      |      |      |      |
| H35 0.00        | HYDRAULIC SHOVELS, CRAWLER MOUNTED                |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| H35 0.11        | DIESEL, 0 CY THRU 5.0 CY                          | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 |      |      |      |      |      |      |      |      |
| H35 0.12        | DIESEL, OVER 5.0 CY                               | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.84 | 0.81 | 0.77 |      |      |      |      |      |      |      |
| H35 0.21        | ELECTRIC, OVER 2.5 CY                             | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.89 | 0.83 | 0.80 | 0.76 | 0.69 | 0.67 |      |      |      |      |      |
| L10 0.00        | LAND CLEARING EQUIPMENT                           | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93               | 0.88 |      |      |      |      |      |      |      |      |      |      |      |
| L15 0.00        | LANDSCAPING EQUIPMENT                             | 1.07          | 1.04 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| L20 0.00        | LIGHTING SETS, TRAILER MOUNTED                    |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| L20 0.10        | METALLIC VAPOR                                    | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |
| L25 0.00        | LINE STRIPING EQUIPMENT                           | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |
| L30 0.00        | LOADERS, BELT (CONVEYOR BELTS) & ACCESSORIES      | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |
| L35 0.00        | LOADERS, FRONT END, CRAWLER TYPE                  | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.92               |      |      |      |      |      |      |      |      |      |      |      |      |
| L40 0.00        | LOADERS, FRONT END, WHEEL TYPE                    |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| L40 0.11        | ARTICULATED, 0 THRU 225 HP                        | 1.06          | 1.04 | 1.01 | 1.00 | 0.96 | 0.94               | 0.91 |      |      |      |      |      |      |      |      |      |      |      |
| L40 0.12        | ARTICULATED, OVER 225 HP                          | 1.05          | 1.03 | 1.01 | 1.00 | 0.97 | 0.94               | 0.92 | 0.89 | 0.87 |      |      |      |      |      |      |      |      |      |
| L40 0.20        | SKID STEER  | 1.06          | 1.03 | 1.01 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |
| L40 0.21        | SKID STEER ATTACHMENTS                            | 1.06          | 1.03 | 1.01 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| L40 0.31        | TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225 HP | 1.06          | 1.04 | 1.01 | 1.00 | 0.96 | 0.94               | 0.91 |      |      |      |      |      |      |      |      |      |      |      |
| L40 0.32        | TOOL CARRIER & TELESCOPIC HANDLERS, OVER 225 HP   | 1.05          | 1.03 | 1.01 | 1.00 | 0.97 | 0.94               | 0.92 | 0.89 | 0.87 |      |      |      |      |      |      |      |      |      |
| L45 0.00        | LOADERS / BACKHOE, CRAWLER TYPE                   | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93               | 0.88 |      |      |      |      |      |      |      |      |      |      |      |
| L50 0.00        | LOADERS / BACKHOE, WHEEL TYPE                     | 1.06          | 1.04 | 1.01 | 1.00 | 0.96 | 0.94               | 0.91 |      |      |      |      |      |      |      |      |      |      |      |

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                        | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----------------|---|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|                 |   | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |  |  |  |
|                 |   | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |  |  |  |
| L55 0.00        | LOADER / BACKHOE, ATTACHMENTS                         | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| L60 0.00        | LOG SKIDDERS  | 1.05          | 1.04 | 1.02 | 1.00 | 1.00 | 0.99               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.00        | MARINE EQUIPMENT                                      |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.11        | AQUATIC MAINTENANCE                                   | 1.10          | 1.06 | 1.04 | 1.00 | 0.95 | 0.94               | 0.92 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.12        | AQUATIC MAINTENACE ATTACHMENTS                        | 1.11          | 1.06 | 1.04 | 1.00 | 0.95 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.21        | HYDRAULIC CUTTERHEAD DREDGE, 8" OR LESS,TRANSPORTABLE | 1.10          | 1.06 | 1.04 | 1.00 | 0.95 | 0.94               | 0.92 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.22        | HYDRAULIC CUTTERHEAD DREDGE,8" - 12",TRANSPORTABLE    | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 | 0.94               | 0.92 | 0.88 | 0.83 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.23        | HYDRAULIC AUGERHEAD DREDGE,12" OR LESS,TRANSPORTABLE  | 1.10          | 1.06 | 1.04 | 1.00 | 0.95 | 0.94               | 0.92 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.24        | HYDRAULIC FLOATING PUMPS,12" OR LESS,TRANSPORTABLE    | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.25        | HYDRUALIC DREDGE PUMPS,12" OR LESS,TRANSPORTABLE      | 1.10          | 1.06 | 1.04 | 1.00 | 0.95 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.26        | HYDRAULIC DREDGE / PUMP ATTACHMENTS                   | 1.10          | 1.06 | 1.04 | 1.00 | 0.95 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.31        | SMALL MECH DREDGES,CLAMSHELL,BARGE-MTD TO 5 CY        | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.90 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 | 0.66 |      |      |      |      |  |  |  |  |
| M10 0.32        | SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS             | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.33        | SMALL MECH DREDGES,HOE-MOUNTED DREDGING ATTACH        | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 | 0.94               | 0.92 | 0.88 | 0.83 | 0.79 | 0.76 | 0.72 | 0.71 | 0.71 |      |      |      |      |  |  |  |  |
| M10 0.34        | CLAMSHELL, BARGE-MTD, 0 CY - 3 CY                     | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 | 0.94               | 0.92 | 0.88 | 0.83 | 0.80 | 0.76 | 0.72 | 0.71 | 0.71 | 0.69 |      |      |      |  |  |  |  |
| M10 0.35        | CLAMSHELL, BARGE-MTD, OVER 3 CY - 6 CY                | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 | 0.94               | 0.92 | 0.88 | 0.83 | 0.80 | 0.76 | 0.73 | 0.72 | 0.72 | 0.69 | 0.67 | 0.64 | 0.62 |  |  |  |  |
| M10 0.36        | CLAMSHELL, BARGE-MTD, OVER 6 CY - 10 CY               | 1.09          | 1.05 | 1.04 | 1.00 | 0.96 | 0.94               | 0.93 | 0.89 | 0.84 | 0.81 | 0.77 | 0.74 | 0.73 | 0.73 | 0.70 | 0.68 | 0.65 | 0.63 |  |  |  |  |
| M10 0.37        | CLAMSHELL, BARGE-MTD, OVER 10 CY                      | 1.09          | 1.05 | 1.04 | 1.00 | 0.96 | 0.94               | 0.93 | 0.89 | 0.84 | 0.81 | 0.77 | 0.74 | 0.73 | 0.73 | 0.71 | 0.68 | 0.66 | 0.64 |  |  |  |  |
| M10 0.41        | WORK FLOATS (NON-DREDGING)                            | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.42        | WORK BARGES (SECTIONAL, NON-DREDGING)                 | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 | 0.94               | 0.92 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.45        | FLAT-DECK OR CARGO BARGE (NON-DREDGING)               | 1.09          | 1.05 | 1.04 | 1.00 | 0.96 | 0.94               | 0.93 | 0.89 | 0.84 | 0.80 | 0.77 | 0.73 | 0.73 | 0.72 | 0.70 | 0.68 | 0.65 | 0.63 |  |  |  |  |
| M10 0.46        | HOPPER BARGE (NON-DREDGING)                           | 1.09          | 1.05 | 1.04 | 1.00 | 0.96 | 0.94               | 0.93 | 0.89 | 0.84 | 0.80 | 0.77 | 0.73 | 0.73 | 0.72 | 0.70 | 0.68 | 0.65 | 0.63 |  |  |  |  |
| M10 0.47        | DRILL BARGE (NON-DREDGING)                            | 1.09          | 1.05 | 1.04 | 1.00 | 0.96 | 0.94               | 0.93 | 0.89 | 0.84 | 0.80 | 0.77 | 0.73 | 0.73 | 0.72 | 0.70 | 0.68 | 0.65 | 0.63 |  |  |  |  |
| M10 0.48        | ALL OTHER BARGES (NON-DREDGING)                       | 1.09          | 1.05 | 1.04 | 1.00 | 0.96 | 0.94               | 0.93 | 0.89 | 0.84 | 0.80 | 0.77 | 0.73 | 0.73 | 0.72 | 0.70 | 0.68 | 0.65 | 0.63 |  |  |  |  |
| M10 0.51        | BOATS & LAUNCHES, 0 THRU 250 HP                       | 1.10          | 1.06 | 1.04 | 1.00 | 0.95 | 0.94               | 0.92 | 0.88 | 0.82 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.53        | BOATS & LAUNCHES, 251 THRU 500 HP                     | 1.10          | 1.06 | 1.04 | 1.00 | 0.95 | 0.94               | 0.92 | 0.88 | 0.83 | 0.79 |      |      |      |      |      |      |      |      |  |  |  |  |
| M10 0.54        | TUGS, 501 THRU 1,000 HP                               | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 | 0.94               | 0.92 | 0.88 | 0.83 | 0.79 | 0.76 | 0.72 | 0.71 | 0.71 |      |      |      |      |  |  |  |  |

**Table 3-1 Equipment Age Adjustment Factors for Ownership Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                         | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----------------|--|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|                 |  | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |  |  |  |
|                 |  | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |  |  |  |
| M10 0.55        | TUGS, OVER 1,000 HP                                    | 1.09          | 1.05 | 1.04 | 1.00 | 0.96 | 0.94               | 0.93 | 0.89 | 0.84 | 0.80 | 0.77 | 0.73 | 0.73 | 0.72 | 0.70 | 0.67 | 0.65 | 0.63 |  |  |  |  |
| M10 0.60        | LIFTING CRANE, BARGE MTD, 25 - 75 TON, 45' BOOM        | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 | 0.94               | 0.92 | 0.88 | 0.83 | 0.79 | 0.76 | 0.72 | 0.71 |      |      |      |      |      |  |  |  |  |
| M10 0.61        | LIFTING CRANE, BARGE MTD, OVER 75 - 125 TON, 60' BOOM  | 1.10          | 1.06 | 1.04 | 1.00 | 0.96 | 0.94               | 0.92 | 0.88 | 0.83 | 0.80 | 0.76 | 0.73 | 0.72 | 0.72 | 0.69 | 0.67 | 0.64 | 0.62 |  |  |  |  |
| M10 0.62        | LIFTING CRANE, BARGE MTD, OVER 125 - 200 TON, 80' BOOM | 1.09          | 1.05 | 1.04 | 1.00 | 0.96 | 0.94               | 0.93 | 0.89 | 0.84 | 0.81 | 0.77 | 0.74 | 0.73 | 0.73 | 0.70 | 0.68 | 0.65 | 0.63 |  |  |  |  |
| M10 0.63        | LIFTING CRANE, BARGE MTD, OVER 200 TON, 100' BOOM      | 1.09          | 1.05 | 1.04 | 1.00 | 0.96 | 0.94               | 0.93 | 0.89 | 0.84 | 0.81 | 0.77 | 0.74 | 0.73 | 0.73 | 0.71 | 0.68 | 0.66 | 0.64 |  |  |  |  |
| P10 0.00        | PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS       | 1.09          | 1.06 | 1.03 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P20 0.00        | PILE HAMMERS, DOUBLE ACTING                            |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P20 0.10        | DIESEL   | 1.09          | 1.06 | 1.03 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P20 0.20        | STEAM  | 1.09          | 1.06 | 1.03 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P25 0.00        | PILE HAMMERS, SINGLE ACTING                            |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P25 0.10        | DIESEL   | 1.09          | 1.06 | 1.03 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P25 0.20        | STEAM  | 1.09          | 1.06 | 1.03 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P30 0.00        | PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY             | 1.09          | 1.06 | 1.03 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P35 0.00        | PIPELAYERS   | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.92               | 0.88 | 0.83 | 0.80 | 0.77 | 0.74 |      |      |      |      |      |      |      |  |  |  |  |
| P40 0.00        | PLATFORMS & MAN-LIFTS                                  | 1.08          | 1.05 | 1.03 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P45 0.00        | PUMPS, GROUT   | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P50 0.00        | PUMPS, WATER, CENTRIFUGAL, TRASH                       |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P50 0.11        | SKID MOUNTED, ENGINE DRIVE                             | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P50 0.12        | SKID MOUNTED, ELECTRIC DRIVE                           | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P50 0.21        | WHEEL MOUNTED, ENGINE DRIVE                            | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P50 0.22        | WHEEL MOUNTED, ELECTRIC DRIVE                          | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P50 0.31        | HOSES, PUMP, SUCTION & DISCHARGE                       | 1.06          | 1.04 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P55 0.00        | PUMPS, WATER, SUBMERSIBLE                              |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P55 0.01        | ENGINE DRIVE   | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P55 0.02        | ELECTRIC DRIVE   | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P60 0.00        | PUMPS, WATER, CENTRIFUGAL, DEWATERING                  |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| P60 0.11        | SKID MOUNTED, ENGINE DRIVE                             | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |

**Table 3-1 Equipment Age Adjustment Factors for Ownership Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                           | Life in Years |      |      |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
|-----------------|--|---------------|------|------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
|                 |  | 0             | 1    | 2    | 3    | 4    | 5    | 6    | 7                  | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |  |  |  |  |  |
|                 |  | 1999          | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992               | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |  |  |  |  |  |
| P60 0.12        | SKID MOUNTED, ELECTRIC DRIVE                             | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P60 0.21        | WHEEL MOUNTED, ENGINE DRIVE                              | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P60 0.22        | WHEEL MOUNTED, ELECTRIC DRIVE                            | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P65 0.00        | PUMPS, WATER, DIAPHRAGM                                  |               |      |      |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P65 0.11        | SKID MOUNTED, ENGINE DRIVE                               | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P65 0.12        | SKID MOUNTED, ELECTRIC DRIVE                             | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P65 0.21        | WHEEL MOUNTED, ENGINE DRIVE                              | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P65 0.22        | WHEEL MOUNTED, ELECTRIC DRIVE                            | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P70 0.00        | PUMPS, WATER (FOR CORE DRILLS)                           |               |      |      |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P70 0.01        | ENGINE DRIVE   | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| P70 0.02        | ELECTRIC DRIVE   | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R10 0.00        | RIPPERS & HYDRAULIC BANK SLOPERS(no point wear included) | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.92 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R15 0.00        | ROLLERS, STATIC, TOWED, PNEUMATIC                        | 1.05          | 1.03 | 1.01 | 1.00 | 0.98 | 0.94 | 0.89 |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R20 0.00        | ROLLERS, STATIC, TOWED, STEEL DRUM                       | 1.05          | 1.03 | 1.01 | 1.00 | 0.98 | 0.94 | 0.89 |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R30 0.00        | ROLLERS, STATIC, SELF-PROPELLED                          |               |      |      |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R30 0.01        | PNEUMATIC  | 1.05          | 1.03 | 1.01 | 1.00 | 0.98 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R30 0.02        | SMOOTH DRUM  | 1.05          | 1.03 | 1.01 | 1.00 | 0.98 | 0.94 | 0.89 |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R30 0.03        | TAMPING FOOT   | 1.05          | 1.03 | 1.01 | 1.00 | 0.98 | 0.94 | 0.89 |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R40 0.00        | ROLLERS, VIBRATORY, TOWED                                | 1.05          | 1.03 | 1.01 | 1.00 | 0.98 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R45 0.00        | ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM          | 1.05          | 1.03 | 1.01 | 1.00 | 0.98 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R50 0.00        | ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM          | 1.05          | 1.03 | 1.01 | 1.00 | 0.98 | 0.94 |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| R55 0.00        | ROOFING EQUIPMENT  | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 |      |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| S10 0.00        | SCRAPERS, ELEVATING                                      |               |      |      |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| S10 0.01        | 0 THRU 200 HP  | 1.09          | 1.05 | 1.02 | 1.00 | 0.94 | 0.92 | 0.89 |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| S10 0.02        | OVER 200 HP  | 1.08          | 1.05 | 1.02 | 1.00 | 0.94 | 0.92 | 0.89 |                    |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |
| S15 0.00        | SCRAPERS, CONVENTIONAL                                   | 1.08          | 1.04 | 1.02 | 1.00 | 0.94 | 0.92 | 0.89 | 0.83               | 0.80 | 0.77 | 0.75 | 0.70 |      |      |      |      |      |      |  |  |  |  |  |  |
| S20 0.00        | SCRAPERS, TANDEM POWERED                                 | 1.08          | 1.04 | 1.02 | 1.00 | 0.94 | 0.92 | 0.89 | 0.83               | 0.80 | 0.77 | 0.75 | 0.70 |      |      |      |      |      |      |  |  |  |  |  |  |

**Table 3-1 Equipment Age Adjustment Factors for Ownership Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                 | Life in Years |      |      |      |      |      |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |  |  |
|-----------------|--|---------------|------|------|------|------|------|------|------|------|------|--------------------|------|------|------|------|------|------|------|--|--|
|                 |  | 0             | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10                 | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |  |
|                 |  | 1999          | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989               | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |  |
| S25 0.00        | SCRAPERS, TRACTOR DRAWN                        | 1.09          | 1.05 | 1.02 | 1.00 | 0.94 | 0.92 | 0.89 | 0.82 | 0.79 |      |                    |      |      |      |      |      |      |      |  |  |
| S30 0.00        | SCREENING & CRUSHING PLANTS                    |               |      |      |      |      |      |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| S30 0.10        | CONVEYORS                                      | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| S30 0.20        | CRUSHERS                                       | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| S30 0.30        | SCREENING PLANT                                | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| S35 0.00        | SNOW REMOVAL EQUIPMENT                         | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| S40 0.00        | SOIL & ROAD STABILIZERS                        | 1.09          | 1.05 | 1.02 | 1.00 | 0.94 | 0.92 | 0.89 |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| S45 0.00        | SPLITTERS, ROCK & CONCRETE                     | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 |      |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T10 0.00        | TRACTOR BLADES & ATTACHMENTS                   | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93 | 0.88 |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T15 0.00        | TRACTORS, CRAWLER (DOZER) (includes blade)     |               |      |      |      |      |      |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T15 0.01        | 0 THRU 225 HP                                  | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.92 | 0.88 |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T15 0.02        | 226 HP THRU 425 HP                             | 1.06          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93 | 0.89 | 0.84 | 0.81 | 0.78 | 0.75               | 0.70 | 0.65 |      |      |      |      |      |  |  |
| T15 0.03        | OVER 425 HP                                    | 1.06          | 1.04 | 1.02 | 1.00 | 0.97 | 0.93 | 0.89 | 0.85 | 0.82 | 0.79 | 0.76               | 0.72 | 0.67 | 0.64 | 0.64 |      |      |      |  |  |
| T20 0.00        | TRACTORS, WHEEL TYPE (DOZER)                   | 1.05          | 1.04 | 1.02 | 1.00 | 1.00 | 0.99 | 0.95 | 0.93 | 0.91 |      |                    |      |      |      |      |      |      |      |  |  |
| T25 0.00        | TRACTORS, AGRICULTURAL                         |               |      |      |      |      |      |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T25 0.10        | CRAWLER  | 1.05          | 1.04 | 1.02 | 1.00 | 1.00 | 0.99 | 0.95 |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T25 0.20        | WHEEL  | 1.05          | 1.04 | 1.02 | 1.00 | 1.00 | 0.99 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T30 0.00        | TRENCHERS, CHAIN TYPE CUTTER                   | 1.08          | 1.06 | 1.02 | 1.00 | 0.98 | 0.95 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T35 0.00        | TRENCHERS, WHEEL TYPE CUTTER                   | 1.08          | 1.06 | 1.02 | 1.00 | 0.98 | 0.95 | 0.89 |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T40 0.00        | TRUCK OPTIONS                                  |               |      |      |      |      |      |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T40 0.10        | CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T40 0.20        | DUMP BODY, REAR                                | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T40 0.30        | FLATBEDS, WITH SIDES                           | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T40 0.41        | HOIST, ELECTRIC DRIVE                          | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T40 0.50        | TRANSIT MIXERS                                 | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T40 0.60        | WATER TANKS                                    | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |
| T40 0.70        | ALL OTHER OPTIONS                              | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 |      |      |      |      |                    |      |      |      |      |      |      |      |  |  |



Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                        | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----------------|---|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|                 |   | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |  |  |  |
|                 |   | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |  |  |  |
| T45 0.00        | TRUCK TRAILERS  |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T45 0.10        | BOTTOM DUMP   | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T45 0.20        | END DUMP  | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T45 0.30        | PUP TRAILER   | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T45 0.41        | LOWBOY, RIGID NECK, DROP DECK                         | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               | 0.92 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T45 0.50        | FLATBED TRAILER                                       | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               | 0.92 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T45 0.60        | MISCELLANEOUS / UTILITY                               | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               | 0.92 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T45 0.70        | WATER TANKER TRAILER                                  | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               | 0.92 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T45 0.80        | DECONTAMINATION FACILITY                              | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T45 0.90        | TANK TRAILERS   | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               | 0.92 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T50 0.00        | TRUCKS, HIGHWAY (add attachments as required)         |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T50 0.01        | 0 THRU 10,000 GVW                                     | 0.96          | 0.97 | 0.98 | 1.00 | 0.99 |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T50 0.02        | OVER 10,000 THRU 30,000 GVW(CHASSIS ONLY-ADD OPTIONS) | 0.96          | 0.97 | 0.98 | 1.00 | 0.99 | 0.96               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T50 0.03        | OVER 30,000 GVW (CHASSIS ONLY-ADD OPTIONS)            | 0.96          | 0.97 | 0.98 | 1.00 | 0.99 | 0.96               |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T55 0.00        | TRUCKS, OFF-HIGHWAY                                   | 1.07          | 1.04 | 1.03 | 1.00 | 0.96 | 0.91               | 0.88 | 0.87 | 0.86 | 0.84 | 0.79 | 0.73 | 0.69 | 0.68 | 0.68 | 0.67 | 0.66 |      |  |  |  |  |
| T56 0.00        | TRUCKS,OFF-HIGHWAY/PRIME MOVER TRACTORS & WAGONS      |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T56 0.10        | PRIME MOVER TRACTORS                                  | 1.08          | 1.04 | 1.03 | 1.00 | 0.96 | 0.91               | 0.88 | 0.87 | 0.86 | 0.83 | 0.79 | 0.72 | 0.69 |      |      |      |      |      |  |  |  |  |
| T56 0.20        | WAGONS, BOTTOM DUMP                                   | 1.08          | 1.04 | 1.03 | 1.00 | 0.96 | 0.90               | 0.88 | 0.87 | 0.86 | 0.83 | 0.79 |      |      |      |      |      |      |      |  |  |  |  |
| T56 0.30        | WAGONS, REAR DUMP                                     | 1.08          | 1.04 | 1.03 | 1.00 | 0.96 | 0.90               | 0.87 | 0.87 | 0.85 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T57 0.00        | TRUCKS, VACUUM  | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T60 0.00        | TRUCKS, WATER, OFF-HIGHWAY                            | 1.08          | 1.05 | 1.03 | 1.00 | 0.96 | 0.90               | 0.87 | 0.86 | 0.85 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T65 0.00        | TUNNEL/MINING EQUIPMENT                               |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T65 0.10        | DRIFTING & TUNNELING DRILLS                           | 1.06          | 1.03 | 1.02 | 1.00 | 0.96 | 0.94               | 0.92 | 0.90 | 0.89 | 0.86 |      |      |      |      |      |      |      |      |  |  |  |  |
| T65 0.20        | TUNNEL BORING MACHINES                                | 1.06          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.78 | 0.75 |      |      |      |      |      |  |  |  |  |
| T65 0.30        | PRODUCTION DRILLING RIGS                              | 1.06          | 1.03 | 1.02 | 1.00 | 0.96 | 0.94               | 0.92 | 0.90 | 0.89 |      |      |      |      |      |      |      |      |      |  |  |  |  |
| T65 0.40        | ROADHEADERS & CONTINUOUS MINERS                       | 1.06          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 |      |      |      |      |      |      |      |  |  |  |  |
| T65 0.50        | ROCK BOLTING EQUIPMENT                                | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |

**Table 3-1 Equipment Age Adjustment Factors for Ownership Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT             | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |  | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|                 |  | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |
| T65 0.61        | LOADING & HAULING EQUIPMENT, DIESEL OR GAS | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 |      |      |      |      |      |      |      |      |      |
| T65 0.62        | LOADING & HAULING EQUIPMENT, ELECTRIC      | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 | 0.85 |      |      |      |      |      |      |      |      |
| T65 0.63        | LOADING & HAULING EQUIPMENT, AIR-POWERED   | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |
| T65 0.70        | LOCOMOTIVES                                | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 |      |      |      |      |      |      |      |      |      |
| T65 0.90        | OTHER TUNNELING EQUIPMENT                  | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 |      |      |      |      |      |      |      |      |      |      |      |
| W10 0.00        | WAGONS, BOTTOM DUMP                        | 1.08          | 1.04 | 1.03 | 1.00 | 0.96 | 0.90               | 0.87 | 0.87 | 0.85 |      |      |      |      |      |      |      |      |      |
| W15 0.00        | WAGONS, REAR DUMP                          | 1.08          | 1.04 | 1.03 | 1.00 | 0.96 | 0.90               | 0.87 | 0.87 | 0.85 |      |      |      |      |      |      |      |      |      |
| W25 0.00        | WATER & CO2 BLASTERS                       |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| W25 0.10        | LOW PRESSURE, (< 5,000 PSI)                | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| W25 0.20        | HIGH PRESSURE, (>= 5,000 PSI)              | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| W25 0.30        | STEAM CLEANERS                             | 1.07          | 1.05 | 1.02 | 1.00 |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| W25 0.40        | CO2 BLASTERS                               | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               |      |      |      |      |      |      |      |      |      |      |      |      |
| W30 0.00        | WATER TANKS                                |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| W30 0.10        | PORTABLE WITH WHEELS                       | 1.08          | 1.05 | 1.03 | 1.00 | 0.96 | 0.90               | 0.87 | 0.86 | 0.85 |      |      |      |      |      |      |      |      |      |
| W30 0.20        | SKID MOUNTED                               | 1.08          | 1.05 | 1.03 | 1.00 | 0.96 | 0.90               | 0.87 | 0.86 | 0.85 |      |      |      |      |      |      |      |      |      |
| W35 0.00        | WELDERS                                    |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |
| W35 0.10        | ENGINE DRIVEN                              | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 | 0.94               |      |      |      |      |      |      |      |      |      |      |      |      |
| W35 0.20        | ELECTRIC DRIVEN                            | 1.08          | 1.05 | 1.02 | 1.00 | 0.97 |                    |      |      |      |      |      |      |      |      |      |      |      |      |

## TOTAL HOURLY RATE CALCULATION FOR OVERAGE EQUIPMENT

### EXAMPLE

Assume the following set of given information for the rate calculation example:

- A. The unit of equipment is not listed in TABLE 2-1
- B. The equipment is contractor-owned
- C. Data for the unit in question:
1. Clark front-end wheel loader
  2. Model 125C, 4WD, 4 CY capacity
  3. Serial number indicates year of manufacture = 1982
  4. Actual purchase price in 1982 = \$168,000
  5. Horsepower is 203 hp
  6. Drive tire size = 23.50 x 25, 16 Ply, L-3  
$$\text{Drive tire cost (1999)} = 4 \text{ tires} \times \$1,711 = \$6,844$$
- D. TABLE 3-1, Age Adjustment Factors for Ownership Costs:
1. Category L40 Sub Category 0.11 (wheel loaders < 225 hp)
  2. The year corresponding to the last age adjustment factor = 1993
- E. Adjust the actual purchase price:
1. Economic Indexes from APPENDIX E (wheel loaders EK = 45)
    - a. For 1993 (first year of economic life) the economic index = 4894
    - b. For 1982 (year of manufacture) the economic index = 3788
  2. Purchase price (TEV) indexed to 1993 (first year of economic life):  
(Purchase price includes discount, sales tax & freight)  
$$(4894 / 3788) \times \$168,000 = \$217,052 \text{ (=1993 purchase price)}$$
- F. Hourly rate is computed as follows in accordance with Figure 2-1, Equipment Rate Computation Worksheet

Figure 3-1. Total Hourly Rate Calculation for Overage Equipment

**Use this worksheet to compute rates for equipment that is not in this pamphlet.**

**1. EQUIPMENT INFORMATION & EXPENSE FACTORS**

**For ID No. N/A**

**a. Equipment Specification Data:**

- (1) Equipment Description: CLARK FRONT-END WHEEL LOADER
- (2) Model and Series: 125 C, 4WD, 4 C.Y.
- (3) Present Year or Year of Use: 1999
- (4) Year Manufactured: 1982 (first year of economic life = 1993)
- (5) Horsepower - Equipment: 203
- (6) Horsepower - Carrier: N/A
- (7) Fuel type: - Equipment: gas / diesel off-road / diesel on-road / electric / airD-OFF  
- Carrier: gas / diesel off-road / diesel on-road / electric / air N/A
- (8) Shipping Weight (CWT): 367 CWT
- (9) Tire size and number of tires: (Cost of tires based on present year - see 1.a.(3) & APPENDIX F)
  - (a) Front: No.: N/A Size/Ply: \_\_\_\_\_ Cost: \$ \_\_\_\_\_
  - (b) Drive: No.: 4 Size/Ply: 23.5 X 25, 16 Ply Cost: \$ 6,844
  - (c) Trailing: No.: N/A Size/Ply: \_\_\_\_\_ Cost: \$ \_\_\_\_\_
  - (d) Total Tire Cost: \$ 6,844

**USE APPENDIX D TO COMPLETE THE FOLLOWING DATA:**

**b. Category and Sub-category Number:** L 4 0 0.11

**c. Hourly Expense Calculation Factors:**

- (1) Economic Key (E K): 45
- (2) Condition (C): Average or Severe AVERAGE
- (3) Discount Code (DC): B = 7.5% (0.075) - or - S = 15.0% (0.15) B = .075
- (4) Life in Hours (LIFE): 10,000
- (5) Salvage Value Percentage (SLV): 0.25
- (6) Fuel Factor - Equipment (E G D): 0.033
- (7) Fuel Factor - Carrier (E G D): N/A
- (8) FOG Factor (E G D): 0.445
- (9) Tire Wear Factor:
  - (a) Front (FT): N/A
  - (b) Drive (DT): ( SEE 9(b) ) 0.42
  - (c) Trailing (TT): N/A
- (10) Repair Cost Factor (RCF): 0.70

**Figure 3-1. Total Hourly Rate Calculation for Overage Equipment**

**2. EQUIPMENT VALUE**

|   |   |
|---|---|
| <p>a. List Price + Accessories: <i>(at Year of Manufacture)</i></p> <p>(1) Discount: ( List Price ) x ( Discount Code )</p> <p style="margin-left: 40px;">( ----- ) x ( ----- )</p> <p>(2) Subtotal [ 2.a. ] - [ 2.a.(1) ]</p> <p>(3) Sales or Import Tax: ( Subtotal ) x ( Tax Rate )</p> <p style="margin-left: 40px;">( ----- ) x ( ----- )</p> <p>(4) Total Discounted Price: Subtotal: [2.a.(2)] + [2.a.(3)]</p> | <p>= \$ -----</p> <p>= -(\$ --- )</p> <p>S/T = \$ -----</p> <p>= +(\$ --- )</p> <p>S/T = \$ -----</p> |
| <p>b. Freight: ( Shipping Weight ) x ( Freight Rate per CWT )</p> <p style="margin-left: 40px;">( ----- CWT ) x ( ----- )</p> <p>= +(\$ --- )</p>   |   |
| <p>c. <b>TOTAL EQUIPMENT VALUE (TEV):</b> [ 2.a.(4) ] + [ 2.b ]</p>   |   |
|   | <p><b>2. TOTAL: = \$ 217,052</b></p>  |

*(See Chapter 3 for used and overage equipment rate adjustments.)*

**3. DEPRECIATION PERIOD (N)**

|   |                                 |
|---|---------------------------------|
| <p>a. ( LIFE ) / ( Working Hours Per Year ( WHPY ) ) = N</p> <p style="margin-left: 40px;">( 10,000 Hrs ) / ( 1480 Hrs/Yr )</p> | <p>3. TOTAL: = 6.757 Yrs(N)</p> |
|---|---------------------------------|

**4. OWNERSHIP COST**

|  |  |
|--|--|
| <p>a. Depreciation</p>   |  |
| <p>(1) Tire Costs Index ( TCI ):</p>   |  |
| <p>( Tire Index, Yr of Mfgr ) / Tire Index, Based on 1a.(3) = Tire Cost Index ( TCI )</p> <p style="margin-left: 40px;">( 2525 ) / ( 2400 ) = 1.052 ( TCI )</p> <p style="margin-left: 40px;">(for 1993) (for 1999)</p>                            |  |
| <p>(2) [ ( TEV ) x [ 1.0 - (SLV) ] - [ ( TCI ) x ( Tire Cost ) ] ] / ( LIFE )</p> <p style="margin-left: 40px;">[ ( 217,052 ) x [ 1.0 - ( 0.25 ) ] - [ ( 1.052 ) x ( 6,844 ) ] ] / ( 10,000 )</p> <p style="margin-left: 40px;">= \$ 15.56 /Hr</p> |  |

Figure 3-1. Total Hourly Rate Calculation for Overage Equipment

**4. OWNERSHIP COST (Continued)**

**b. Facilities Capital Cost of Money (FCCM):**

$$(1) \left[ \left( \frac{N}{[3.a.]} \right) - 1.0 \right] \times \left[ 1.0 + \frac{(SLV)}{[1.c.5.]} \right] + 2.0 \Big/ \left[ 2.0 \times \left( \frac{N}{[3.a.]} \right) \right] = \text{Avg Value Factor (AVF)}$$

$$\left[ \left( \frac{6.757 \text{ Yrs}}{[3.a.]} - 1.0 \right) \times \left[ 1.0 + \frac{(0.25)}{[1.c.5.]} \right] + 2.0 \right] \Big/ \left[ 2.0 \times \left( \frac{6.757 \text{ Yrs}}{[3.a.]} \right) \right] = \underline{0.68} \text{ (AVF)}$$

$$(2) \left( \frac{TEV}{[2.c.]} \right) \times \left( \frac{AVF}{[4.b.(1)]} \right) \times \left( \frac{\text{Adjusted Cost-of-Money}}{[APPENDIX B]} \right) \Big/ \left( \frac{WHPY}{[APPENDIX B]} \right)$$

$$\left( \frac{217,052}{[2.c.]} \right) \times \left( \frac{0.68}{[4.b.(1)]} \right) \times \left( \frac{0.04}{[APPENDIX B]} \right) \Big/ \left( \frac{1480 \text{ Hrs/Yr}}{[APPENDIX B]} \right) = \underline{\underline{\$ 3.99 /Hr}}$$

**c. TOTAL HOURLY OWNERSHIP COST:**  
[ 4.a.(2) ] + [ 4.b.(2) ]

**4. TOTAL: = \$ 19.55 /Hr**

**5. OPERATING COST**

**a. Fuel Costs:**

**(1) Equipment:**

$$\left( \frac{\text{Fuel Factor}}{[1.c.(6)]} \right) \times \left( \frac{\text{Horsepower}}{[1.a.(5)]} \right) \times \left( \frac{\text{Fuel Cost Per Gallon}}{[APPENDIX B]} \right)$$

$$\left( \frac{0.033}{[1.c.(6)]} \right) \times \left( \frac{203 \text{ HP}}{[1.a.(5)]} \right) \times \left( \frac{0.84}{[APPENDIX B]} \right) = \underline{\underline{\$ 5.63 /Hr}}$$

**(2) Carrier:**

$$\left( \frac{\text{Fuel Factor}}{[1.c.(7)]} \right) \times \left( \frac{\text{Horsepower}}{[1.a.(6)]} \right) \times \left( \frac{\text{Fuel Cost Per Gallon}}{[APPENDIX B]} \right)$$

$$\left( \frac{---}{[1.c.(7)]} \right) \times \left( \frac{--- \text{ HP}}{[1.a.(6)]} \right) \times \left( \frac{---}{[APPENDIX B]} \right) = \underline{\underline{\$ --- /Hr}}$$

**(3) Total Hourly Fuel Costs**  
[ (5.a (1) ) + [ 5.a (2) ]

**Total 5.a. = \$ 5.63 /Hr**

**b. FOG Cost:**

**(1) Equipment:**

$$\left( \frac{\text{FOG Factor}}{[1.c.(8)]} \right) \times \left( \frac{\text{Equipment Fuel Cost}}{[5.a.(1)]} \right) \times \left( \frac{LAF}{[APPENDIX B]} \right)$$

$$\left( \frac{0.445}{[1.c.(8)]} \right) \times \left( \frac{5.63}{[5.a.(1)]} \right) \times \left( \frac{1.21}{[APPENDIX B]} \right) = \underline{\underline{\$ 3.03 /Hr}}$$

**Figure 3-1. Total Hourly Rate Calculation for Overage Equipment**

**5. OPERATING COST** (Continued)

(2) Carrier:

$$\begin{aligned} & \left( \begin{array}{c} \text{FOG Factor} \\ [1.c.(8)] \end{array} \right) \times \left( \begin{array}{c} \text{Carrier Fuel Cost} \\ [5.a.(2)] \end{array} \right) \times \left( \begin{array}{c} \text{LAF} \\ [APPENDIX B] \end{array} \right) \\ & \left( \underline{\quad \quad \quad} \right) \times \left( \underline{\quad \quad \quad} / \text{Hr} \right) \times \left( \underline{\quad \quad \quad} \right) = \$ \underline{\quad \quad \quad} \text{ /Hr} \end{aligned}$$

(3) Total Hourly Fog Cost Total 5.b. = \$ 3.03 /Hr  
[ (5.b.(1)) + (5.b.(2)) ]

c. Alternative Fuel/FOG Cost: Total 5.c. = \$      /Hr  
(See Chapter 2, paragraph 24.d. for guidance on when to use.)

d. Repair Cost:

(1) Economic Adjustment Factor (EAF) :  
(EK is from [1 c. (1) ])

$$\begin{aligned} & \left( \begin{array}{c} \text{Economic Index for Year 1a.(3)} \\ [APPENDIX E] \text{ (for 1999)} \end{array} \right) / \left( \begin{array}{c} \text{Economic Index for Year 1a.(4)} \\ [APPENDIX E] \text{ (for 1993)} \end{array} \right) \\ & \left( \underline{\quad 5.505 \quad} \right) / \left( \underline{\quad 4894 \quad} \right) = \underline{\quad 1.125 \quad} \text{ (EAF)} \end{aligned}$$

(See TABLE 3-2 for last year of economic life)

(2) Repair Factor (RF):

$$\begin{aligned} & \left( \begin{array}{c} \text{RCF} \\ [1.c.(10)] \end{array} \right) \times \left( \begin{array}{c} \text{EAF} \\ [5.d.(1).] \end{array} \right) \times \left( \begin{array}{c} \text{LAF} \\ [APPENDIX B] \end{array} \right) = \text{Repair Factor (RF)} \\ & \left( \underline{\quad 0.70 \quad} \right) \times \left( \underline{\quad 1.125 \quad} \right) \times \left( \underline{\quad 1.21 \quad} \right) = \underline{\quad 0.953 \quad} \text{ (RF)} \end{aligned}$$

(3) Repair Cost

$$\begin{aligned} & \left[ \left( \begin{array}{c} \text{TEV} \\ [2.c.] \end{array} \right) - \left[ \left( \begin{array}{c} \text{TCI} \\ [4.a.(1)] \end{array} \right) \times \left( \begin{array}{c} \text{Tire Cost} \\ [1.a.(9)(d)] \end{array} \right) \right] \right] \times \left( \begin{array}{c} \text{RF} \\ [5.d.(2)] \end{array} \right) / \left( \begin{array}{c} \text{LIFE} \\ [1.c.(4)] \end{array} \right) \\ & \left[ \left( \underline{\quad 217,052 \quad} \right) - \left[ \left( \underline{\quad 1.052 \quad} \right) \times \left( \underline{\quad 6,844 \quad} \right) \right] \right] \times \left( \underline{\quad 0.953 \quad} \right) / \left( \underline{\quad 10,000 \quad} \right) \end{aligned}$$

(4) Total Hourly Repair Cost: Total 5.d. = \$ 20.00 /Hr

Figure 3-1. Total Hourly Rate Calculation for Overage Equipment

**5. OPERATING COST (Continued)**

e. Tire Wear Cost: (Use current price levels. See APPENDIX F)

(1) Front Tires:

$$\frac{[ 1.5 \times (\text{FT Cost}) ]}{[ 1.a.(9)(a) ]} / \frac{[ 1.8 \times (\text{FT Wear Factor}) \times (\text{Maximum Tire Life/Hrs}) ]}{[ 1.c.(9)(a) ] \quad [ \text{APPENDIX G} ]}$$

$$[ 1.5 \times (\text{---}) ] / [ 1.8 \times (\text{---}) \times (\text{---}/\text{Hrs}) ] = \$ \text{---} / \text{Hr}$$

(2) Drive Tires:

$$\frac{[ 1.5 \times (\text{DT Cost}) ]}{[ 1.a.(9)(b) ]} / \frac{[ 1.8 \times (\text{DT Wear Factor}) \times (\text{Maximum Tire Life/Hrs}) ]}{[ 1.c.(9)(b) ] \quad [ \text{APPENDIX G} ]}$$

$$[ 1.5 \times (\underline{6,844}) ] / [ 1.8 \times (\underline{0.42}) \times (\underline{5,000} / \text{Hrs}) ] = \$ \underline{2.72} / \text{Hr}$$

(3) Trailing Tires:

$$\frac{[ 1.5 \times (\text{TT Cost}) ]}{[ 1.a.(9)(c) ]} / \frac{[ 1.8 \times (\text{TT Wear Factor}) \times (\text{Maximum Tire Life/Hrs}) ]}{[ 1.c.(9)(c) ] \quad [ \text{APPENDIX G} ]}$$

$$[ 1.5 \times (\text{---}) ] / [ 1.8 \times (\text{---}) \times (\text{---}/\text{Hrs}) ] = \$ \text{---} / \text{Hr}$$

(4) Total Tire Wear Cost  
[ Sum 5.e.(1) through 5.e.(3) ]

Total 5.e. = \$ 2.72 /Hr

f. Tire Repair Cost:

$$(\text{Total Tire Wear})_{[ 5.e.(4) ]} \times 0.15 \times (\text{LAF})_{[ \text{APPENDIX B} ]}$$

$$(\underline{2.72}) \times 0.15 \times (\underline{1.21}) \quad \text{Total 5.f.} = \$ \underline{0.49} / \text{Hr}$$

**g. TOTAL HOURLY OPERATING COST:**  
[ Sum 5.a. through 5.f. ]

**5. TOTAL:** \$ 31.87 /Hr

Figure 3-1. Total Hourly Rate Calculation for Overage Equipment



## 6. HOURLY RATES

### a. Total Hourly Rate: *(based on 40 hours per week)*

( Ownership Cost ) + ( Operating Cost )  
 [ 4.c. ] [ 5.g. ]

( 19.55 /Hr ) + ( 31.87 /Hr )

= \$ 51.42 /Hr

### b. Other Work Shifts Hourly Rate :

*(Refer to Chapter 3, Adjustments to Rates, for methodology.)*

[ ( Depreciation ) + [ ( FCCM ) x ( 40 hrs/wk ) / ( Work Hrs/wk ) ] + ( Operating Costs ) ]  
 [ 4. a. (2) ] [ 4. b. (2) ] ( example: 60 hrs/wk ) [ 5.g. ]

[ ( \_\_\_\_\_ /Hr ) + [ ( \_\_\_\_\_ / Hr ) x ( 40 Hrs/wk ) / ( \_\_\_\_\_ Hrs/wk ) ] + ( \_\_\_\_\_ /Hr ) ]

= \$ N/A /Hr

### c. Standby Hourly Rate:

[ ( Depreciation ) x 0.50 ] + ( FCCM )  
 [ 4.a.(2) ] [ 4.b.(2) ]

[ ( \_\_\_\_\_ /Hr ) x 0.50 ] + ( \_\_\_\_\_ /Hr )

= \$ N/A /Hr

**FOR CALCULATION OF OVERAGE EQUIPMENT STANDBY RATE,  
 SEE FIGURE 3-2.**

**See Chapter 3 if rate adjustments are necessary.**

Figure 3-1. Total Hourly Rate Calculation for Overage Equipment

**TABLE 3-2**

**EQUIPMENT AGE ADJUSTMENT FACTORS**

**FOR**

**STANDBY COSTS**

THE "Age Adjustment Factors for Standby Costs" in TABLE 3-2 are used when the age of a unit of equipment is other than the age of the unit of equipment listed in TABLE 2-1.

The factors given in TABLE 3-2 are multiplied by the hourly standby costs shown in TABLE 2-1 and result in an standby rate adjusted for the actual age of the equipment being considered.

When the "life" of the unit of equipment has exceeded the economic service life given in APPENDIX D, the age will be determined as discussed in Chapter 3, Adjustments to Hourly Rates

Refer to Chapter 3, as follows:

3-13. Rate Adjustments Overage Equipment Standby

**Table 3-2 Equipment Age Adjustment Factors for Standby Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                   | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |  | Life in Years      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |  | 0                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|                 |  |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |  | 1999               | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |
| A10 0.00        | AGGREGATE / CHIP SPREADERS                       |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| A10 0.10        | SELF-PROPELLED                                   | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.90 | 0.86 | 0.82 | 0.80 | 0.78 | 0.76 | 0.76 | 0.74 | 0.73 | 0.74 |
| A10 0.20        | TOWED & TAILGATE                                 | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.89 | 0.90 | 0.85 | 0.82 | 0.79 | 0.77 | 0.75 | 0.75 | 0.73 | 0.72 | 0.73 |
| A15 0.00        | AIR COMPRESSORS, PORTABLE                        |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| A15 0.10        | ROTARY SCREW                                     | 1.01               | 1.01 | 1.00 | 1.00 | 0.99 | 0.97 | 0.98 | 0.97 | 0.94 | 0.94 | 0.90 | 0.85 | 0.81 | 0.80 | 0.81 | 0.78 | 0.79 | 0.77 |
| A15 0.20        | SHOP TYPE  | 1.01               | 1.01 | 1.00 | 1.00 | 0.99 | 0.97 | 0.98 | 0.97 | 0.95 | 0.94 | 0.90 | 0.86 | 0.82 | 0.81 | 0.82 | 0.79 | 0.80 | 0.79 |
| A20 0.00        | AIR HOSE, TOOLS & EQUIPMENT                      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| A20 0.10        | AIR HOSE   | 1.01               | 1.01 | 1.00 | 1.00 | 0.99 | 0.97 | 0.98 | 0.97 | 0.95 | 0.94 | 0.91 | 0.86 | 0.82 | 0.82 | 0.82 | 0.80 | 0.80 | 0.79 |
| A20 0.20        | SANDBLAST HOSE                                   | 1.01               | 1.01 | 1.00 | 1.00 | 0.99 | 0.97 | 0.98 | 0.97 | 0.95 | 0.94 | 0.91 | 0.86 | 0.82 | 0.82 | 0.82 | 0.80 | 0.80 | 0.79 |
| A20 0.30        | SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS        | 1.01               | 1.01 | 1.00 | 1.00 | 0.99 | 0.97 | 0.98 | 0.97 | 0.94 | 0.94 | 0.90 | 0.85 | 0.81 | 0.80 | 0.81 | 0.78 | 0.79 | 0.77 |
| A25 0.00        | ASPHALT PAVING DISTRIBUTORS                      | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.90 | 0.85 | 0.82 | 0.79 | 0.77 | 0.76 | 0.76 | 0.73 | 0.72 | 0.73 |
| A30 0.00        | ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT    |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| A30 0.10        | SELF PROPELLED                                   | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.90 | 0.86 | 0.82 | 0.80 | 0.78 | 0.76 | 0.76 | 0.74 | 0.73 | 0.74 |
| A30 0.20        | TOWED  | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.90 | 0.86 | 0.82 | 0.80 | 0.78 | 0.76 | 0.76 | 0.74 | 0.73 | 0.74 |
| A30 0.30        | SLURRY SEAL PAVERS (COLD MIX)                    | 1.09               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.91 | 0.86 | 0.83 | 0.80 | 0.78 | 0.77 | 0.77 | 0.74 | 0.73 | 0.74 |
| A30 0.40        | MISCELLANEOUS ROAD EQUIPMENT                     | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.90 | 0.86 | 0.82 | 0.80 | 0.78 | 0.76 | 0.76 | 0.74 | 0.73 | 0.74 |
| A35 0.00        | ASPHALT PAVING KETTLES                           | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.89 | 0.90 | 0.85 | 0.82 | 0.79 | 0.77 | 0.75 | 0.75 | 0.73 | 0.72 | 0.73 |
| A40 0.00        | ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.90 | 0.86 | 0.82 | 0.80 | 0.78 | 0.76 | 0.76 | 0.74 | 0.73 | 0.74 |
| A45 0.00        | ASPHALT RECYCLERS & SEALERS                      | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.90 | 0.85 | 0.82 | 0.79 | 0.77 | 0.76 | 0.76 | 0.73 | 0.72 | 0.73 |
| B10 0.00        | BATCH PLANTS (ASPHALT & CONCRETE)                |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| B10 0.10        | ASPHALT  | 1.09               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.91 | 0.86 | 0.83 | 0.80 | 0.78 | 0.77 | 0.77 | 0.75 | 0.74 | 0.75 |
| B10 0.20        | CONCRETE   | 1.09               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.91 | 0.86 | 0.83 | 0.80 | 0.78 | 0.77 | 0.77 | 0.75 | 0.74 | 0.75 |
| B10 0.30        | PUGMILL  | 1.09               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.91 | 0.86 | 0.83 | 0.80 | 0.78 | 0.77 | 0.77 | 0.75 | 0.74 | 0.75 |
| B15 0.00        | BROOMS, STREET SWEEPERS & FLUSHERS               | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |
| B20 0.00        | BRUSH CHIPPERS                                   | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |
| B25 0.00        | BUCKETS, CLAMSHELL                               | 1.04               | 1.03 | 1.02 | 1.00 | 0.98 | 0.98 | 0.98 | 0.94 | 0.86 | 0.82 | 0.76 | 0.69 | 0.67 | 0.66 | 0.65 | 0.63 | 0.62 | 0.64 |
| B30 0.00        | BUCKETS, CONCRETE                                |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

**Table 3-2 Equipment Age Adjustment Factors for Standby Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                   | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |  | Life in Years      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |  | 0                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|                 |  |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |  | 1999               | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |
| B30 0.10        | GENERAL PURPOSE, MANUAL TRIP                     | 1.04               | 1.03 | 1.02 | 1.00 | 0.98 | 0.98 | 0.98 | 0.93 | 0.85 | 0.81 | 0.75 | 0.68 | 0.66 | 0.65 | 0.64 | 0.62 | 0.61 | 0.62 |
| B30 0.20        | LAYDOWN  | 1.04               | 1.03 | 1.02 | 1.00 | 0.98 | 0.98 | 0.98 | 0.93 | 0.85 | 0.81 | 0.75 | 0.68 | 0.66 | 0.65 | 0.64 | 0.62 | 0.61 | 0.62 |
| B30 0.30        | LOWBOY   | 1.04               | 1.03 | 1.02 | 1.00 | 0.98 | 0.98 | 0.98 | 0.93 | 0.85 | 0.81 | 0.75 | 0.68 | 0.66 | 0.65 | 0.64 | 0.62 | 0.61 | 0.62 |
| B30 0.40        | LOW SLUMP  | 1.04               | 1.03 | 1.02 | 1.00 | 0.98 | 0.98 | 0.98 | 0.93 | 0.85 | 0.81 | 0.75 | 0.68 | 0.66 | 0.65 | 0.64 | 0.62 | 0.61 | 0.62 |
| B35 0.00        | BUCKETS, DRAGLINE                                |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| B35 0.10        | LIGHT WEIGHT                                     | 1.04               | 1.03 | 1.02 | 1.00 | 0.98 | 0.98 | 0.98 | 0.93 | 0.86 | 0.81 | 0.76 | 0.69 | 0.67 | 0.66 | 0.65 | 0.63 | 0.62 | 0.63 |
| B35 0.20        | MEDIUM WEIGHT                                    | 1.04               | 1.03 | 1.02 | 1.00 | 0.98 | 0.98 | 0.98 | 0.94 | 0.86 | 0.81 | 0.76 | 0.69 | 0.67 | 0.66 | 0.65 | 0.63 | 0.62 | 0.63 |
| B35 0.30        | HEAVY WEIGHT                                     | 1.04               | 1.03 | 1.02 | 1.00 | 0.98 | 0.98 | 0.98 | 0.94 | 0.86 | 0.82 | 0.76 | 0.69 | 0.67 | 0.66 | 0.65 | 0.63 | 0.62 | 0.64 |
| C05 0.00        | CHAIN SAWS                                       | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |
| C10 0.00        | COMPACTORS & WALK-BEHIND ROLLERS                 |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| C10 0.10        | COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PLATES | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.68 | 0.66 |
| C10 0.20        | ROLLERS, VIBRATORY                               | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.68 | 0.66 |
| C15 0.00        | CONCRETE CLEANERS / BLASTERS                     | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.84 | 0.81 | 0.76 | 0.74 | 0.72 | 0.71 | 0.69 | 0.68 | 0.66 |
| C20 0.00        | CONCRETE BUGGIES                                 | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.68 | 0.66 |
| C25 0.00        | CONCRETE FINISHERS/SCREEDS/SPREADERS             |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| C25 0.10        | FINISHERS/TROWELS                                | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.68 | 0.66 |
| C25 0.20        | VIBRATORY SCREED                                 | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.68 | 0.66 |
| C25 0.25        | VIBRATORY LASER SCREED                           | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.93 | 0.90 | 0.87 | 0.83 | 0.79 | 0.74 | 0.72 | 0.70 | 0.69 | 0.67 | 0.66 | 0.64 |
| C25 0.30        | MATERIAL/TOPPING SPREADERS                       | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.93 | 0.90 | 0.87 | 0.83 | 0.79 | 0.74 | 0.72 | 0.70 | 0.69 | 0.67 | 0.66 | 0.64 |
| C30 0.00        | CONCRETE GRINDERS                                | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.68 | 0.66 |
| C35 0.00        | CONCRETE GUNITERS / SHOTCRETTERS                 | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.77 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |
| C40 0.00        | CONCRETE MIXING UNITS                            | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.68 | 0.66 |
| C45 0.00        | CONCRETE PAVING MACHINES                         | 1.10               | 1.07 | 1.03 | 1.00 | 0.98 | 0.95 | 0.93 | 0.90 | 0.90 | 0.86 | 0.82 | 0.80 | 0.78 | 0.76 | 0.76 | 0.74 | 0.73 | 0.74 |
| C55 0.00        | CONCRETE PUMPS                                   | 1.06               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.78 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |
| C60 0.00        | CONCRETE SAWS (sawblade wear not included)       | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.84 | 0.81 | 0.76 | 0.74 | 0.72 | 0.71 | 0.69 | 0.68 | 0.66 |
| C65 0.00        | CONCRETE VIBRATORS                               | 1.01               | 1.01 | 1.00 | 1.00 | 0.99 | 0.97 | 0.98 | 0.97 | 0.94 | 0.94 | 0.90 | 0.85 | 0.81 | 0.80 | 0.81 | 0.78 | 0.79 | 0.77 |
| C70 0.00        | CRANES, GANTRY & STRADDLE                        |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                       | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |  | Life in Years      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |  | 0                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|                 |  |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |  | 1999               | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |
| C75 0.00        | CRANES, HYDRAULIC, SELF-PROPELLED                    | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.81 | 0.77 | 0.71 | 0.69 | 0.67 | 0.65 | 0.64 | 0.63 | 0.61 |
| C80 0.00        | CRANES, HYDRAULIC, TRUCK MOUNTED                     |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| C80 0.01        | UNDER 26 TON   | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.81 | 0.77 | 0.71 | 0.69 | 0.67 | 0.65 | 0.64 | 0.63 | 0.61 |
| C80 0.02        | 26 TON THRU 65 TON                                   | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.82 | 0.78 | 0.72 | 0.70 | 0.67 | 0.65 | 0.64 | 0.63 | 0.61 |
| C80 0.03        | 66 TON THRU 125 TON                                  | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.82 | 0.78 | 0.72 | 0.70 | 0.68 | 0.66 | 0.64 | 0.63 | 0.62 |
| C80 0.04        | OVER 125 TON   | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.82 | 0.78 | 0.72 | 0.70 | 0.68 | 0.66 | 0.65 | 0.64 | 0.62 |
| C85 0.00        | CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED    |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| C85 0.11        | DRAGLINE, CLAMSHELL, 0 THRU 1.0 CY                   | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 | 0.67 | 0.65 | 0.63 | 0.62 | 0.61 |
| C85 0.12        |  | 1.07               |      | 1.02 | 1.00 |      | 0.95 | 0.94 |      | 0.85 | 0.81 |      | 0.71 | 0.69 |      | 0.65 | 0.64 |      | 0.61 |
| C85             | DRAGLINE, CLAMSHELL, OVER 2.5 CY THRU 5.0 CY         | 1.07               | 1.05 |      | 1.00 | 0.97 |      | 0.94 | 0.90 |      | 0.82 | 0.78 |      | 0.70 | 0.67 |      | 0.64 | 0.63 |      |
| C85 0.14        |  | 1.07               | 1.04 |      | 1.00 | 0.97 |      | 0.94 | 0.90 |      | 0.82 | 0.78 |      | 0.70 | 0.68 |      | 0.64 | 0.63 |      |
| C85 0.21        |  | 1.07               | 1.05 |      | 1.00 | 0.97 |      | 0.94 | 0.90 |      | 0.81 | 0.77 |      | 0.69 | 0.67 |      | 0.64 | 0.62 |      |
| C85 0.22        |  | 1.07               | 1.05 |      | 1.00 | 0.97 |      | 0.94 | 0.90 |      | 0.81 | 0.78 |      | 0.70 | 0.67 |      | 0.64 | 0.63 |      |
| C85 0.23        |  | 1.07               | 1.04 |      | 1.00 | 0.97 |      | 0.94 | 0.90 |      | 0.82 | 0.78 |      | 0.70 | 0.68 |      | 0.64 | 0.63 |      |
| C85 0.24        |  | 1.07               | 1.04 |      | 1.00 | 0.97 |      | 0.94 | 0.90 |      | 0.82 | 0.78 |      | 0.70 | 0.68 |      | 0.65 | 0.64 |      |
| C90 0.00        | CRANES, MECHANICAL, LATTICE BOOM, TRUCK MOUNTED      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0.01            | UNDER 26 TON   |                    | 1.05 | 1.02 |      | 0.97 | 0.95 |      | 0.90 | 0.85 |      | 0.77 | 0.71 |      | 0.67 | 0.65 |      | 0.63 | 0.61 |
| 0.02            | 26 TON THRU 65 TON                                   |                    | 1.05 | 1.02 |      | 0.97 | 0.95 |      | 0.90 | 0.85 |      | 0.78 | 0.72 |      | 0.67 | 0.65 |      | 0.63 | 0.61 |
| 0.03            | 66 TON THRU 125 TON                                  |                    | 1.04 | 1.02 |      | 0.97 | 0.95 |      | 0.90 | 0.85 |      | 0.78 | 0.72 |      | 0.68 | 0.66 |      | 0.63 | 0.62 |
| 0.04            | OVER 125 TON   |                    | 1.04 | 1.02 |      | 0.97 | 0.95 |      | 0.90 | 0.85 |      | 0.78 | 0.72 |      | 0.68 | 0.66 |      | 0.64 | 0.62 |
| 0.00            | CRANES, TOWER  |                    | 1.05 | 1.02 |      | 0.97 | 0.95 |      | 0.90 | 0.85 |      | 0.77 | 0.71 |      | 0.67 | 0.65 |      | 0.62 | 0.61 |
| 0.00            | DRILLS,AIR/HYDRAULIC,CRWLR MTD,0" THRU 6.5" DIA HOLE | 1.06               | 1.03 | 1.02 | 1.00 | 0.96 | 0.94 | 0.92 | 0.90 | 0.88 | 0.85 | 0.82 | 0.77 | 0.76 | 0.76 | 0.78 | 0.77 | 0.78 | 0.77 |
| D15 0.00        | DRILLS, HORIZONTAL BORING & GROUND PIERCING          | 1.06               | 1.03 | 1.02 | 1.00 | 0.96 | 0.94 | 0.92 | 0.90 | 0.88 | 0.85 | 0.82 | 0.77 | 0.76 | 0.76 | 0.78 | 0.77 | 0.78 | 0.77 |
| D20 0.00        | DRILLS, CORE, COLUMN MOUNTED                         | 1.06               | 1.03 | 1.02 | 1.00 | 0.96 | 0.93 | 0.92 | 0.89 | 0.88 | 0.85 | 0.82 | 0.76 | 0.76 | 0.76 | 0.77 | 0.76 | 0.77 | 0.77 |
| D25 0.00        | DRILLS, CORE, SKID MOUNTED                           | 1.06               | 1.03 | 1.02 | 1.00 | 0.96 | 0.94 | 0.92 | 0.90 | 0.88 | 0.85 | 0.82 | 0.77 | 0.76 | 0.76 | 0.78 | 0.77 | 0.78 | 0.77 |
| D30 0.00        | DRILLS, EARTH / AUGER                                | 1.06               | 1.03 | 1.02 | 1.00 | 0.96 | 0.94 | 0.92 | 0.90 | 0.88 | 0.85 | 0.82 | 0.77 | 0.76 | 0.76 | 0.78 | 0.77 | 0.78 | 0.77 |
| D35 0.00        | DRILLS, ROTARY BLASTHOLE                             |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

**Table 3-2 Equipment Age Adjustment Factors for Standby Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT |   | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--------------------------------|---|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |                                |   | Life in Years      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |                                |   | 0                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|                 |                                |   |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| D35 0.11        |                                | DIESEL, 4.5" THRU 9.875" DIAMETER HOLE        | 1.06               | 1.03 | 1.02 | 1.00 | 0.96 | 0.94 | 0.92 | 0.90 | 0.89 | 0.86 | 0.83 | 0.78 | 0.77 | 0.77 | 0.78 | 0.77 | 0.78 | 0.78 |
| D35 0.12        |                                | DIESEL, OVER 9.875" DIAMETER                  | 1.06               | 1.03 | 1.02 | 1.00 | 0.96 | 0.94 | 0.92 | 0.90 | 0.89 | 0.86 | 0.83 | 0.78 | 0.78 | 0.77 | 0.79 | 0.78 | 0.79 | 0.78 |
| D35 0.21        |                                |   | 1.06               |      | 1.02 | 1.00 |      | 0.94 | 0.92 |      | 0.89 | 0.86 |      | 0.78 | 0.77 |      | 0.78 | 0.77 |      | 0.78 |
| D35             |                                | ELECTRIC, OVER 9.875" DIAMETER                | 1.06               |      | 1.02 | 1.00 |      | 0.94 | 0.92 |      | 0.89 | 0.86 |      | 0.78 | 0.78 |      | 0.79 | 0.78 |      | 0.78 |
| F10             |                                | FORK LIFTS                                    | 1.07               |      | 1.02 | 1.00 |      | 0.95 | 0.94 |      | 0.88 | 0.85 |      | 0.77 | 0.75 |      | 0.72 | 0.70 |      | 0.67 |
| G10             |                                | GENERATOR SETS                                |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| G10             |                                | PORTABLE                                      | 1.00               |      | 0.99 | 1.00 |      | 0.96 | 0.95 |      | 0.92 | 0.90 |      | 0.82 | 0.77 |      | 0.75 | 0.73 |      | 0.69 |
| G10             |                                | SKID MOUNTED                                  | 1.00               |      | 0.99 | 1.00 |      | 0.96 | 0.95 |      | 0.92 | 0.90 |      | 0.82 | 0.77 |      | 0.76 | 0.73 |      | 0.69 |
| G15             |                                | GRADERS, MOTOR                                | 1.08               |      | 1.02 | 1.00 |      | 0.92 | 0.89 |      | 0.80 | 0.77 |      | 0.69 | 0.67 |      | 0.64 | 0.62 |      | 0.60 |
| H10             |                                | HAMMERS, HYDRAULIC (DEMOLITION TOOL)          | 1.07               |      | 1.02 | 1.00 |      | 0.95 | 0.93 |      | 0.88 | 0.84 |      | 0.76 | 0.74 |      | 0.71 | 0.69 |      | 0.66 |
| H13             |                                | HAZARD/TOXIC WASTE EQUIPMENT                  |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| H13             |                                | COMPACTORS (COMPRESSION FORCE) 0 THRU 50 TONS | 1.06               | 1.04 |      | 1.00 | 0.97 |      | 0.94 | 0.91 |      | 0.86 | 0.82 |      | 0.76 | 0.74 |      | 0.71 | 0.70 |      |
| H13 0.12        |                                | COMPACTORS (COMPRESSION FORCE) OVER 50 TONS   |                    | 1.04 | 1.02 |      | 0.97 | 0.95 |      | 0.91 | 0.88 |      | 0.82 | 0.77 |      | 0.73 | 0.72 |      | 0.70 | 0.68 |
|                 | 0.21                           | FILTER PRESSES, STATIONARY                    |                    | 1.04 | 1.02 |      | 0.97 | 0.95 |      | 0.91 | 0.88 |      | 0.81 | 0.77 |      | 0.73 | 0.72 |      | 0.69 | 0.67 |
|                 | 0.22                           | FILTER PRESSES, MOBILE                        |                    | 1.04 | 1.02 |      | 0.97 | 0.95 |      | 0.91 | 0.88 |      | 0.82 | 0.78 |      | 0.74 | 0.73 |      | 0.70 | 0.68 |
|                 | 0.30                           | CENTRIFUGES                                   |                    | 1.05 | 1.02 |      | 0.97 | 0.95 |      | 0.90 | 0.87 |      | 0.80 | 0.76 |      | 0.71 | 0.70 |      | 0.67 | 0.65 |
|                 | 0.40                           | SHREDDERS                                     |                    | 1.04 | 1.02 |      | 0.97 | 0.95 |      | 0.91 | 0.88 |      | 0.82 | 0.78 |      | 0.74 | 0.73 |      | 0.70 | 0.68 |
|                 | 0.51                           | SOIL TREATMENT PLANT, MOBILE                  |                    | 1.04 | 1.02 |      | 0.97 | 0.95 |      | 0.91 | 0.88 |      | 0.82 | 0.78 |      | 0.74 | 0.73 |      | 0.70 | 0.68 |
|                 | 0.61                           | SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS    | 1.06               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.86 | 0.82 | 0.78 | 0.76 | 0.74 | 0.73 | 0.71 | 0.70 | 0.68 |
| H13 0.71        |                                | WASTE HANDLING EQUIPMENT, DRUM HANDLING       | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |
| H15 0.00        |                                | HEATERS, SPACE                                |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| H20 0.00        |                                | HOISTS & AIR WINCHES                          | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |
| H25 0.00        |                                | HYDRAULIC EXCAVATORS, CRAWLER MOUNTED         |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| H25 0.11        |                                | 0 LBS THRU 40,000 LBS                         | 1.08               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.89 | 0.83 | 0.80 | 0.75 | 0.68 | 0.66 | 0.64 | 0.61 | 0.60 | 0.59 | 0.57 |
| H25 0.12        |                                | OVER 40,000 LBS THRU 100,000 LBS              | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.89 | 0.84 | 0.81 | 0.76 | 0.70 | 0.68 | 0.66 | 0.64 | 0.62 | 0.61 | 0.59 |
| H25 0.13        |                                | OVER 100,000 LBS THRU 160,000 LBS             | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.82 | 0.78 | 0.72 | 0.70 | 0.68 | 0.66 | 0.64 | 0.63 | 0.62 |
| H25 0.14        |                                | OVER 160,000 LBS                              | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.82 | 0.78 | 0.72 | 0.70 | 0.68 | 0.66 | 0.64 | 0.63 | 0.62 |

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                  | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|---|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |   | Life in Years      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |   | 0                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|                 |   |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |   | 1999               | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |
| H25 0.21        | ATTACHMENTS, MOBILE SHEARS                      | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.77 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |
| H25 0.22        | ATTACHMENTS, MATERIAL HANDLING                  | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.84 | 0.81 | 0.76 | 0.74 | 0.72 | 0.71 | 0.69 | 0.68 | 0.66 |
| H25 0.23        | ATTACHMENTS, CONCRETE PULVERIZERS               | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.77 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |
| H25 0.24        | ATTACHMENTS, COMPACTORS                         | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.77 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |
| H30 0.00        | HYDRAULIC EXCAVATORS, WHEEL MOUNTED             |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| H30 0.01        | 0 THRU 1.0 CY                                   | 1.08               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.89 | 0.83 | 0.80 | 0.76 | 0.69 | 0.67 | 0.64 | 0.62 | 0.61 | 0.60 | 0.58 |
| H30 0.02        | OVER 1.0 CY                                     | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 | 0.66 | 0.64 | 0.63 | 0.62 | 0.60 |
| H35 0.00        | HYDRAULIC SHOVELS, CRAWLER MOUNTED              |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| H35 0.11        | DIESEL, 0 CY THRU 5.0 CY                        | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.81 | 0.77 | 0.71 | 0.69 | 0.67 | 0.65 | 0.64 | 0.63 | 0.61 |
| H35 0.12        | DIESEL, OVER 5.0 CY                             | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.82 | 0.78 | 0.72 | 0.70 | 0.67 | 0.65 | 0.64 | 0.63 | 0.61 |
| H35 0.21        | ELECTRIC, OVER 2.5 CY                           | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.81 | 0.77 | 0.71 | 0.69 | 0.67 | 0.65 | 0.64 | 0.62 | 0.61 |
| L10 0.00        | LAND CLEARING EQUIPMENT                         | 1.06               | 1.04 | 1.02 | 1.00 | 0.96 | 0.93 | 0.89 | 0.84 | 0.81 | 0.78 | 0.75 | 0.70 | 0.65 | 0.62 | 0.62 | 0.63 | 0.63 | 0.60 |
| L15 0.00        | LANDSCAPING EQUIPMENT                           | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |
| L20 0.00        | LIGHTING SETS, TRAILER MOUNTED                  |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| L20 0.10        | METALLIC VAPOR                                  | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| L25 0.00        | LINE STRIPING EQUIPMENT                         | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| L30 0.00        | LOADERS, BELT (CONVEYOR BELTS) & ACCESSORIES    | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.75 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |
| L35 0.00        | LOADERS, FRONT END, CRAWLER TYPE                | 1.06               | 1.04 | 1.02 | 1.00 | 0.96 | 0.93 | 0.89 | 0.84 | 0.81 | 0.78 | 0.75 | 0.70 | 0.65 | 0.62 | 0.62 | 0.62 | 0.62 | 0.59 |
| L40 0.00        | LOADERS, FRONT END, WHEEL TYPE                  |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| L40 0.11        | ARTICULATED, 0 THRU 225 HP                      | 1.06               | 1.03 | 1.01 | 1.00 | 0.97 | 0.94 | 0.92 | 0.89 | 0.86 | 0.84 | 0.81 | 0.77 | 0.74 | 0.71 | 0.71 | 0.70 | 0.69 | 0.67 |
| L40 0.12        | ARTICULATED, OVER 225 HP                        | 1.05               | 1.03 | 1.01 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.85 | 0.83 | 0.79 | 0.76 | 0.74 | 0.74 | 0.73 | 0.71 | 0.70 |
| L40 0.20        | SKID STEER                                      | 1.05               | 1.03 | 1.01 | 1.00 | 0.97 | 0.94 | 0.92 | 0.89 | 0.87 | 0.85 | 0.82 | 0.78 | 0.75 | 0.73 | 0.73 | 0.72 | 0.71 | 0.69 |
| L40 0.21        | SKID STEER ATTACHMENTS                          | 1.06               | 1.03 | 1.01 | 1.00 | 0.97 | 0.94 | 0.92 | 0.89 | 0.87 | 0.84 | 0.82 | 0.78 | 0.75 | 0.72 | 0.72 | 0.71 | 0.70 | 0.68 |
| L40 0.31        |   | 1.06               |      | 1.01 | 1.00 |      | 0.94 | 0.92 |      | 0.86 | 0.84 |      | 0.77 | 0.74 |      | 0.71 | 0.70 |      | 0.67 |
| L40             | TOOL CARRIER & TELESCOPIC HANDLERS, OVER 225 HP | 1.05               | 1.03 |      | 1.00 | 0.97 |      | 0.93 | 0.90 |      | 0.85 | 0.82 |      | 0.76 | 0.74 |      | 0.73 | 0.71 |      |
| L45 0.00        |   | 1.06               | 1.04 |      | 1.00 | 0.96 |      | 0.89 | 0.84 |      | 0.78 | 0.75 |      | 0.65 | 0.62 |      | 0.63 | 0.63 |      |
| L50 0.00        |   | 1.06               | 1.03 |      | 1.00 | 0.97 |      | 0.92 | 0.89 |      | 0.84 | 0.81 |      | 0.74 | 0.71 |      | 0.70 | 0.69 |      |

**Table 3-2 Equipment Age Adjustment Factors for Standby Cost**

| CATEGORY | REGION 10<br>TYPE OF EQUIPMENT                        |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------|---|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|          |   |      | Life in Years      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|          |   |      | 0                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   |
|          | 1998  | 1997 | 1996               | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |      |      |
| L55 0.00 | LOADER / BACKHOE, ATTACHMENTS                         | 1.07 | 1.05               | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.84 | 0.81 | 0.76 | 0.74 | 0.72 | 0.71 | 0.69 | 0.68 | 0.66 |
| L60 0.00 | LOG SKIDDERS  | 1.05 | 1.04               | 1.02 | 1.00 | 1.00 | 0.99 | 0.95 | 0.93 | 0.91 | 0.90 | 0.87 | 0.85 | 0.83 | 0.82 | 0.82 | 0.78 | 0.76 | 0.75 |
| M10 0.00 | MARINE EQUIPMENT                                      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| M10 0.11 | AQUATIC MAINTENANCE                                   | 1.10 | 1.06               | 1.04 | 1.00 | 0.96 | 0.94 | 0.92 | 0.88 | 0.83 | 0.79 | 0.76 | 0.72 | 0.71 | 0.71 | 0.68 | 0.66 | 0.63 | 0.61 |
| M10 0.12 | AQUATIC MAINTENACE ATTACHMENTS                        | 1.11 | 1.06               | 1.04 | 1.00 | 0.95 | 0.93 | 0.92 | 0.87 | 0.82 | 0.78 | 0.74 | 0.70 | 0.69 | 0.68 | 0.66 | 0.63 | 0.60 | 0.58 |
| M10 0.21 | HYDRAULIC CUTTERHEAD DREDGE, 8" OR LESS,TRANSPORTABLE | 1.10 | 1.06               | 1.04 | 1.00 | 0.96 | 0.94 | 0.92 | 0.88 | 0.83 | 0.79 | 0.76 | 0.72 | 0.71 | 0.71 | 0.68 | 0.66 | 0.63 | 0.61 |
| M10 0.22 | HYDRAULIC CUTTERHEAD DREDGE,8" - 12",TRANSPORTABLE    | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.80 | 0.77 | 0.73 | 0.72 | 0.72 | 0.70 | 0.67 | 0.65 | 0.62 |
| M10 0.23 | HYDRAULIC AUGERHEAD DREDGE,12" OR LESS,TRANSPORTABLE  | 1.10 | 1.06               | 1.04 | 1.00 | 0.96 | 0.94 | 0.92 | 0.88 | 0.83 | 0.79 | 0.76 | 0.72 | 0.71 | 0.71 | 0.68 | 0.66 | 0.63 | 0.61 |
| M10 0.24 | HYDRAULIC FLOATING PUMPS,12" OR LESS,TRANSPORTABLE    | 1.10 | 1.06               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.88 | 0.83 | 0.80 | 0.76 | 0.73 | 0.72 | 0.72 | 0.69 | 0.67 | 0.64 | 0.62 |
| M10 0.25 | HYDRUALIC DREDGE PUMPS,12" OR LESS,TRANSPORTABLE      | 1.10 | 1.06               | 1.04 | 1.00 | 0.95 | 0.94 | 0.92 | 0.88 | 0.82 | 0.79 | 0.75 | 0.71 | 0.70 | 0.70 | 0.67 | 0.65 | 0.62 | 0.60 |
| M10 0.26 | HYDRAULIC DREDGE / PUMP ATTACHMENTS                   | 1.10 | 1.06               | 1.04 | 1.00 | 0.95 | 0.94 | 0.92 | 0.88 | 0.82 | 0.79 | 0.75 | 0.71 | 0.70 | 0.70 | 0.67 | 0.65 | 0.62 | 0.60 |
| M10 0.31 | SMALL MECH DREDGES,CLAMSHELL,BARGE-MTD TO 5 CY        | 1.07 | 1.04               | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.85 | 0.82 | 0.78 | 0.72 | 0.70 | 0.68 | 0.66 | 0.65 | 0.64 | 0.62 |
| M10 0.32 | SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS             | 1.07 | 1.05               | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.90 | 0.84 | 0.81 | 0.77 | 0.71 | 0.69 | 0.66 | 0.64 | 0.63 | 0.62 | 0.60 |
| M10 0.33 | SMALL MECH DREDGES,HOE-MOUNTED DREDGING ATTACH        | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.80 | 0.77 | 0.73 | 0.73 | 0.72 | 0.70 | 0.68 | 0.65 | 0.63 |
| M10 0.34 | CLAMSHELL, BARGE-MTD, 0 CY - 3 CY                     | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.81 | 0.77 | 0.74 | 0.73 | 0.72 | 0.70 | 0.68 | 0.65 | 0.63 |
| M10 0.35 | CLAMSHELL, BARGE-MTD, OVER 3 CY - 6 CY                | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.81 | 0.77 | 0.74 | 0.73 | 0.73 | 0.71 | 0.69 | 0.66 | 0.64 |
| M10 0.36 | CLAMSHELL, BARGE-MTD, OVER 6 CY - 10 CY               | 1.09 | 1.05               | 1.03 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.85 | 0.82 | 0.78 | 0.75 | 0.75 | 0.74 | 0.72 | 0.70 | 0.67 | 0.65 |
| M10 0.37 | CLAMSHELL, BARGE-MTD, OVER 10 CY                      | 1.09 | 1.05               | 1.03 | 1.00 | 0.96 | 0.95 | 0.93 | 0.90 | 0.85 | 0.82 | 0.79 | 0.75 | 0.75 | 0.74 | 0.72 | 0.70 | 0.68 | 0.66 |
| M10 0.41 | WORK FLOATS (NON-DREDGING)                            | 1.10 | 1.06               | 1.04 | 1.00 | 0.96 | 0.94 | 0.92 | 0.88 | 0.83 | 0.80 | 0.76 | 0.72 | 0.72 | 0.71 | 0.69 | 0.67 | 0.64 | 0.61 |
| M10 0.42 | WORK BARGES (SECTIONAL, NON-DREDGING)                 | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.88 | 0.84 | 0.80 | 0.76 | 0.73 | 0.72 | 0.72 | 0.69 | 0.67 | 0.64 | 0.62 |
| M10 0.45 | FLAT-DECK OR CARGO BARGE (NON-DREDGING)               | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.81 | 0.78 | 0.74 | 0.74 | 0.73 | 0.71 | 0.69 | 0.66 | 0.64 |
| M10 0.46 | HOPPER BARGE (NON-DREDGING)                           | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.81 | 0.78 | 0.74 | 0.74 | 0.73 | 0.71 | 0.69 | 0.66 | 0.64 |
| M10 0.47 | DRILL BARGE (NON-DREDGING)                            | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.81 | 0.78 | 0.74 | 0.74 | 0.73 | 0.71 | 0.69 | 0.66 | 0.64 |
| M10 0.48 | ALL OTHER BARGES (NON-DREDGING)                       | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.81 | 0.78 | 0.74 | 0.74 | 0.73 | 0.71 | 0.69 | 0.66 | 0.64 |
| M10 0.51 | BOATS & LAUNCHES, 0 THRU 250 HP                       | 1.10 | 1.06               | 1.04 | 1.00 | 0.96 | 0.94 | 0.92 | 0.88 | 0.83 | 0.80 | 0.76 | 0.72 | 0.72 | 0.71 | 0.69 | 0.66 | 0.63 | 0.61 |
| M10 0.53 | BOATS & LAUNCHES, 251 THRU 500 HP                     | 1.10 | 1.06               | 1.04 | 1.00 | 0.96 | 0.94 | 0.92 | 0.88 | 0.83 | 0.80 | 0.76 | 0.73 | 0.72 | 0.71 | 0.69 | 0.67 | 0.64 | 0.62 |
| M10 0.54 | TUGS, 501 THRU 1,000 HP                               | 1.09 | 1.05               | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.80 | 0.77 | 0.73 | 0.73 | 0.72 | 0.70 | 0.68 | 0.65 | 0.63 |



**Table 3-2 Equipment Age Adjustment Factors for Standby Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                         | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |  | 0                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|                 |  | 1999               | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |
| M10 0.55        | TUGS, OVER 1,000 HP                                    | 1.09               | 1.05 | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.81 | 0.78 | 0.74 | 0.74 | 0.73 | 0.71 | 0.69 | 0.66 | 0.64 |
| M10 0.60        | LIFTING CRANE, BARGE MTD, 25 - 75 TON, 45' BOOM        | 1.09               | 1.05 | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.80 | 0.77 | 0.73 | 0.73 | 0.72 | 0.70 | 0.67 | 0.65 | 0.63 |
| M10 0.61        | LIFTING CRANE, BARGE MTD, OVER 75 - 125 TON, 60' BOOM  | 1.09               | 1.05 | 1.04 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.84 | 0.81 | 0.77 | 0.74 | 0.73 | 0.73 | 0.71 | 0.69 | 0.66 | 0.64 |
| M10 0.62        | LIFTING CRANE, BARGE MTD, OVER 125 - 200 TON, 80' BOOM | 1.09               | 1.05 | 1.03 | 1.00 | 0.96 | 0.94 | 0.93 | 0.89 | 0.85 | 0.82 | 0.78 | 0.75 | 0.75 | 0.74 | 0.72 | 0.70 | 0.67 | 0.65 |
| M10 0.63        | LIFTING CRANE, BARGE MTD, OVER 200 TON, 100' BOOM      | 1.09               | 1.05 | 1.03 | 1.00 | 0.96 | 0.95 | 0.93 | 0.90 | 0.85 | 0.82 | 0.79 | 0.75 | 0.75 | 0.74 | 0.72 | 0.70 | 0.68 | 0.66 |
| P10 0.00        | PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS       | 1.08               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.92 | 0.89 | 0.85 | 0.82 | 0.77 | 0.72 | 0.69 | 0.67 | 0.66 | 0.64 | 0.63 | 0.60 |
| P20 0.00        | PILE HAMMERS, DOUBLE ACTING                            |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| P20 0.10        | DIESEL   | 1.08               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.92 | 0.89 | 0.85 | 0.82 | 0.77 | 0.72 | 0.69 | 0.67 | 0.66 | 0.64 | 0.63 | 0.60 |
| P20 0.20        | STEAM  | 1.08               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.92 | 0.89 | 0.85 | 0.82 | 0.77 | 0.72 | 0.69 | 0.67 | 0.66 | 0.64 | 0.63 | 0.60 |
| P25 0.00        | PILE HAMMERS, SINGLE ACTING                            |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| P25 0.10        | DIESEL   | 1.08               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.92 | 0.89 | 0.85 | 0.82 | 0.77 | 0.72 | 0.69 | 0.67 | 0.66 | 0.64 | 0.63 | 0.60 |
| P25 0.20        | STEAM  | 1.08               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.92 | 0.89 | 0.85 | 0.82 | 0.77 | 0.72 | 0.69 | 0.67 | 0.66 | 0.64 | 0.63 | 0.60 |
| P30 0.00        | PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY             | 1.08               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.92 | 0.89 | 0.85 | 0.82 | 0.77 | 0.72 | 0.69 | 0.67 | 0.66 | 0.64 | 0.63 | 0.60 |
| P35 0.00        | PIPELAYERS   | 1.06               | 1.04 | 1.02 | 1.00 | 0.97 | 0.93 | 0.89 | 0.84 | 0.81 | 0.79 | 0.76 | 0.71 | 0.66 | 0.63 | 0.63 | 0.63 | 0.63 | 0.60 |
| P40 0.00        | PLATFORMS & MAN-LIFTS                                  | 1.08               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.89 | 0.83 | 0.80 | 0.76 | 0.69 | 0.67 | 0.64 | 0.62 | 0.61 | 0.60 | 0.58 |
| P45 0.00        | PUMPS, GROUT   | 1.06               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.78 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |
| P50 0.00        | PUMPS, WATER, CENTRIFUGAL, TRASH                       |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| P50 0.11        | SKID MOUNTED, ENGINE DRIVE                             | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P50 0.12        | SKID MOUNTED, ELECTRIC DRIVE                           | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P50 0.21        | WHEEL MOUNTED, ENGINE DRIVE                            | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P50 0.22        | WHEEL MOUNTED, ELECTRIC DRIVE                          | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P50 0.31        | HOSES, PUMP, SUCTION & DISCHARGE                       | 1.06               | 1.04 | 1.02 | 1.00 | 0.98 | 0.95 | 0.94 | 0.91 | 0.88 | 0.86 | 0.82 | 0.78 | 0.76 | 0.74 | 0.73 | 0.72 | 0.71 | 0.69 |
| P55 0.00        | PUMPS, WATER, SUBMERSIBLE                              |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| P55 0.01        | ENGINE DRIVE   | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.84 | 0.81 | 0.76 | 0.74 | 0.72 | 0.71 | 0.69 | 0.68 | 0.66 |
| P55 0.02        | ELECTRIC DRIVE   | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.84 | 0.81 | 0.76 | 0.74 | 0.72 | 0.71 | 0.69 | 0.68 | 0.66 |
| P60 0.00        | PUMPS, WATER, CENTRIFUGAL, DEWATERING                  |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| P60 0.11        | SKID MOUNTED, ENGINE DRIVE                             | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |

**Table 3-2 Equipment Age Adjustment Factors for Standby Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT | Year Purchased New                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |                                | Life in Years  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |                                | 0  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |      |
|                 |                                |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |                                | 1999   | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |      |
| P60             | 0.12                           | SKID MOUNTED, ELECTRIC DRIVE                             | 1.07 | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P60             | 0.21                           | WHEEL MOUNTED, ENGINE DRIVE                              | 1.07 | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P60             | 0.22                           | WHEEL MOUNTED, ELECTRIC DRIVE                            | 1.07 | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P65             | 0.00                           | PUMPS, WATER, DIAPHRAGM                                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| P65             | 0.11                           | SKID MOUNTED, ENGINE DRIVE                               | 1.07 | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P65             | 0.12                           | SKID MOUNTED, ELECTRIC DRIVE                             | 1.07 | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P65             | 0.21                           | WHEEL MOUNTED, ENGINE DRIVE                              | 1.07 | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P65             | 0.22                           | WHEEL MOUNTED, ELECTRIC DRIVE                            | 1.07 | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P70             | 0.00                           | PUMPS, WATER (FOR CORE DRILLS)                           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| P70             | 0.01                           | ENGINE DRIVE   | 1.07 | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| P70             | 0.02                           | ELECTRIC DRIVE   | 1.07 | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| R10             | 0.00                           | RIPPERS & HYDRAULIC BANK SLOPERS(no point wear included) | 1.06 | 1.04 | 1.02 | 1.00 | 0.96 | 0.93 | 0.89 | 0.84 | 0.81 | 0.78 | 0.75 | 0.70 | 0.65 | 0.62 | 0.62 | 0.62 | 0.62 | 0.59 |
| R15             | 0.00                           | ROLLERS, STATIC, TOWED, PNEUMATIC                        | 1.05 | 1.03 | 1.01 | 1.00 | 0.98 | 0.95 | 0.89 | 0.89 | 0.93 | 0.90 | 0.88 | 0.83 | 0.82 | 0.80 | 0.76 | 0.72 | 0.65 |      |
| R20             | 0.00                           | ROLLERS, STATIC, TOWED, STEEL DRUM                       | 1.05 | 1.03 | 1.01 | 1.00 | 0.98 | 0.95 | 0.89 | 0.89 | 0.93 | 0.90 | 0.88 | 0.83 | 0.82 | 0.80 | 0.76 | 0.72 | 0.65 |      |
| R30             | 0.00                           | ROLLERS, STATIC, SELF-PROPELLED                          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| R30             | 0.01                           | PNEUMATIC  | 1.05 | 1.03 | 1.01 | 1.00 | 0.98 | 0.95 | 0.89 | 0.88 | 0.93 | 0.92 | 0.90 | 0.87 | 0.83 | 0.81 | 0.80 | 0.76 | 0.72 | 0.64 |
| R30             | 0.02                           | SMOOTH DRUM  | 1.05 | 1.03 | 1.01 | 1.00 | 0.98 | 0.95 | 0.89 | 0.89 | 0.93 | 0.93 | 0.90 | 0.88 | 0.83 | 0.82 | 0.80 | 0.76 | 0.72 | 0.65 |
| R30             | 0.03                           | TAMPING FOOT   | 1.05 | 1.03 | 1.01 | 1.00 | 0.98 | 0.95 | 0.89 | 0.89 | 0.93 | 0.93 | 0.90 | 0.88 | 0.83 | 0.82 | 0.80 | 0.76 | 0.72 | 0.65 |
| R40             | 0.00                           | ROLLERS, VIBRATORY, TOWED                                | 1.05 | 1.03 | 1.01 | 1.00 | 0.98 | 0.95 | 0.89 | 0.88 | 0.93 | 0.92 | 0.90 | 0.87 | 0.83 | 0.81 | 0.80 | 0.76 | 0.72 | 0.64 |
| R45             | 0.00                           | ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM          | 1.05 | 1.03 | 1.01 | 1.00 | 0.98 | 0.95 | 0.89 | 0.88 | 0.93 | 0.92 | 0.90 | 0.87 | 0.83 | 0.81 | 0.80 | 0.76 | 0.72 | 0.64 |
| R50             | 0.00                           | ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM          | 1.05 | 1.03 | 1.01 | 1.00 | 0.98 | 0.95 | 0.89 | 0.88 | 0.93 | 0.92 | 0.90 | 0.87 | 0.83 | 0.81 | 0.80 | 0.76 | 0.72 | 0.64 |
| R55             | 0.00                           | ROOFING EQUIPMENT  | 1.07 | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.77 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |
| S10             | 0.00                           | SCRAPERS, ELEVATING                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| S10             | 0.01                           | 0 THRU 200 HP  | 1.08 | 1.05 | 1.02 | 1.00 | 0.94 | 0.92 | 0.89 | 0.83 | 0.80 | 0.77 | 0.74 | 0.69 | 0.67 | 0.64 | 0.64 | 0.62 | 0.62 | 0.60 |
| S10             | 0.02                           | OVER 200 HP  | 1.08 | 1.04 | 1.02 | 1.00 | 0.94 | 0.92 | 0.89 | 0.84 | 0.81 | 0.78 | 0.75 | 0.70 | 0.69 | 0.65 | 0.65 | 0.63 | 0.63 | 0.61 |
| S15             | 0.00                           | SCRAPERS, CONVENTIONAL                                   | 1.08 | 1.04 | 1.02 | 1.00 | 0.95 | 0.93 | 0.90 | 0.84 | 0.81 | 0.78 | 0.76 | 0.72 | 0.70 | 0.67 | 0.66 | 0.64 | 0.64 | 0.63 |
| S20             | 0.00                           | SCRAPERS, TANDEM POWERED                                 | 1.08 | 1.04 | 1.02 | 1.00 | 0.95 | 0.93 | 0.90 | 0.84 | 0.81 | 0.78 | 0.76 | 0.72 | 0.70 | 0.67 | 0.66 | 0.64 | 0.64 | 0.63 |

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                 | Life in Years |      |      |      |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |  |
|-----------------|--|---------------|------|------|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|                 |  | 0             | 1    | 2    | 3    | 4    | 5                  | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |  |
|                 |  | 1999          | 1998 | 1997 | 1996 | 1995 | 1994               | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |  |
| S25 0.00        | SCRAPERS, TRACTOR DRAWN                        | 1.08          | 1.04 | 1.02 | 1.00 | 0.94 | 0.92               | 0.89 | 0.83 | 0.80 | 0.77 | 0.74 | 0.70 | 0.68 | 0.65 | 0.64 | 0.62 | 0.62 | 0.61 |  |
| S30 0.00        | SCREENING & CRUSHING PLANTS                    |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |
| S30 0.10        | CONVEYORS                                      | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.75 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |  |
| S30 0.20        | CRUSHERS                                       | 1.06          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.91 | 0.88 | 0.86 | 0.82 | 0.78 | 0.76 | 0.74 | 0.73 | 0.71 | 0.70 | 0.68 |  |
| S30 0.30        | SCREENING PLANT                                | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.75 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |  |
| S35 0.00        | SNOW REMOVAL EQUIPMENT                         | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |  |
| S40 0.00        | SOIL & ROAD STABILIZERS                        | 1.08          | 1.05 | 1.02 | 1.00 | 0.94 | 0.92               | 0.89 | 0.83 | 0.80 | 0.77 | 0.74 | 0.69 | 0.67 | 0.64 | 0.64 | 0.62 | 0.62 | 0.60 |  |
| S45 0.00        | SPLITTERS, ROCK & CONCRETE                     | 1.07          | 1.05 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 | 0.84 | 0.81 | 0.76 | 0.74 | 0.72 | 0.71 | 0.69 | 0.68 | 0.66 |  |
| T10 0.00        | TRACTOR BLADES & ATTACHMENTS                   | 1.06          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93               | 0.89 | 0.84 | 0.81 | 0.78 | 0.75 | 0.70 | 0.65 | 0.62 | 0.62 | 0.63 | 0.63 | 0.60 |  |
| T15 0.00        | TRACTORS, CRAWLER (DOZER) (includes blade)     |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |
| T15 0.01        | 0 THRU 225 HP                                  | 1.07          | 1.04 | 1.02 | 1.00 | 0.96 | 0.93               | 0.89 | 0.83 | 0.80 | 0.78 | 0.74 | 0.69 | 0.64 | 0.61 | 0.61 | 0.61 | 0.61 | 0.59 |  |
| T15 0.02        | 226 HP THRU 425 HP                             | 1.06          | 1.04 | 1.02 | 1.00 | 0.97 | 0.93               | 0.90 | 0.85 | 0.82 | 0.80 | 0.77 | 0.72 | 0.67 | 0.64 | 0.64 | 0.65 | 0.65 | 0.62 |  |
| T15 0.03        | OVER 425 HP                                    | 1.06          | 1.03 | 1.02 | 1.00 | 0.97 | 0.93               | 0.90 | 0.85 | 0.83 | 0.80 | 0.78 | 0.73 | 0.68 | 0.66 | 0.66 | 0.66 | 0.66 | 0.64 |  |
| T20 0.00        | TRACTORS, WHEEL TYPE (DOZER)                   | 1.05          | 1.04 | 1.02 | 1.00 | 1.00 | 0.99               | 0.95 | 0.94 | 0.91 | 0.90 | 0.87 | 0.85 | 0.84 | 0.83 | 0.83 | 0.79 | 0.76 | 0.76 |  |
| T25 0.00        | TRACTORS, AGRICULTURAL                         |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |
| T25 0.10        | CRAWLER  | 1.05          | 1.04 | 1.02 | 1.00 | 1.00 | 0.99               | 0.95 | 0.93 | 0.91 | 0.90 | 0.87 | 0.85 | 0.83 | 0.82 | 0.82 | 0.78 | 0.76 | 0.75 |  |
| T25 0.20        | WHEEL  | 1.05          | 1.04 | 1.02 | 1.00 | 1.00 | 0.99               | 0.95 | 0.93 | 0.91 | 0.90 | 0.87 | 0.85 | 0.83 | 0.82 | 0.82 | 0.78 | 0.76 | 0.75 |  |
| T30 0.00        | TRENCHERS, CHAIN TYPE CUTTER                   | 1.08          | 1.06 | 1.02 | 1.00 | 0.98 | 0.95               | 0.89 | 0.85 | 0.84 | 0.82 | 0.80 | 0.78 | 0.77 | 0.76 | 0.74 | 0.73 | 0.72 | 0.66 |  |
| T35 0.00        | TRENCHERS, WHEEL TYPE CUTTER                   | 1.07          | 1.06 | 1.02 | 1.00 | 0.98 | 0.95               | 0.89 | 0.85 | 0.84 | 0.83 | 0.80 | 0.79 | 0.77 | 0.77 | 0.75 | 0.74 | 0.72 | 0.67 |  |
| T40 0.00        | TRUCK OPTIONS                                  |               |      |      |      |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |  |
| T40 0.10        | CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |  |
| T40 0.20        | DUMP BODY, REAR                                | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |  |
| T40 0.30        | FLATBEDS, WITH SIDES                           | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |  |
| T40 0.41        | HOIST, ELECTRIC DRIVE                          | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |  |
| T40 0.50        | TRANSIT MIXERS                                 | 1.06          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.78 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |  |
| T40 0.60        | WATER TANKS                                    | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |  |
| T40 0.70        | ALL OTHER OPTIONS                              | 1.07          | 1.04 | 1.02 | 1.00 | 0.97 | 0.95               | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |  |

**Table 3-2 Equipment Age Adjustment Factors for Standby Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT                        | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|---|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |   | Life in Years      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |   | 0                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
|                 |   |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |   | 1999               | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |
| T45 0.00        | TRUCK TRAILERS  |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| T45 0.10        | BOTTOM DUMP   | 1.06               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.86 | 0.82 | 0.78 | 0.76 | 0.74 | 0.73 | 0.71 | 0.70 | 0.68 |
| T45 0.20        | END DUMP  | 1.06               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.86 | 0.82 | 0.78 | 0.76 | 0.74 | 0.73 | 0.71 | 0.70 | 0.68 |
| T45 0.30        | PUP TRAILER   | 1.06               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.78 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |
| T45 0.41        | LOWBOY, RIGID NECK, DROP DECK                         | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.75 | 0.73 | 0.71 | 0.70 | 0.68 | 0.67 | 0.65 |
| T45 0.50        | FLATBED TRAILER                                       | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.75 | 0.73 | 0.71 | 0.70 | 0.68 | 0.67 | 0.65 |
| T45 0.60        | MISCELLANEOUS / UTILITY                               | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.75 | 0.73 | 0.71 | 0.70 | 0.68 | 0.67 | 0.65 |
| T45 0.70        | WATER TANKER TRAILER                                  | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.75 | 0.73 | 0.71 | 0.70 | 0.68 | 0.67 | 0.65 |
| T45 0.80        | DECONTAMINATION FACILITY                              | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.93 | 0.90 | 0.87 | 0.83 | 0.79 | 0.74 | 0.72 | 0.70 | 0.69 | 0.67 | 0.66 | 0.64 |
| T45 0.90        | TANK TRAILERS   | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.75 | 0.73 | 0.71 | 0.70 | 0.68 | 0.67 | 0.65 |
| T50 0.00        | TRUCKS, HIGHWAY (add attachments as required)         |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| T50 0.01        | 0 THRU 10,000 GVW                                     | 0.96               | 0.97 | 0.98 | 1.00 | 0.99 | 0.96 | 0.92 | 0.87 | 0.82 | 0.78 | 0.77 | 0.73 | 0.71 | 0.71 | 0.67 | 0.65 | 0.61 | 0.58 |
| T50 0.02        | OVER 10,000 THRU 30,000 GVW(CHASSIS ONLY-ADD OPTIONS) | 0.96               | 0.97 | 0.98 | 1.00 | 0.99 | 0.96 | 0.92 | 0.87 | 0.82 | 0.79 | 0.77 | 0.74 | 0.72 | 0.71 | 0.67 | 0.65 | 0.62 | 0.59 |
| T50 0.03        | OVER 30,000 GVW (CHASSIS ONLY-ADD OPTIONS)            | 0.96               | 0.97 | 0.98 | 1.00 | 0.99 | 0.97 | 0.92 | 0.87 | 0.83 | 0.79 | 0.78 | 0.75 | 0.73 | 0.72 | 0.69 | 0.66 | 0.63 | 0.60 |
| T55 0.00        | TRUCKS, OFF-HIGHWAY                                   | 1.07               | 1.04 | 1.03 | 1.00 | 0.97 | 0.91 | 0.89 | 0.88 | 0.87 | 0.84 | 0.80 | 0.74 | 0.71 | 0.70 | 0.69 | 0.68 | 0.68 | 0.66 |
| T56 0.00        | TRUCKS,OFF-HIGHWAY/PRIME MOVER TRACTORS & WAGONS      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| T56 0.10        | PRIME MOVER TRACTORS                                  | 1.07               | 1.04 | 1.03 | 1.00 | 0.97 | 0.91 | 0.88 | 0.87 | 0.86 | 0.84 | 0.80 | 0.74 | 0.70 | 0.69 | 0.68 | 0.68 | 0.67 | 0.65 |
| T56 0.20        | WAGONS, BOTTOM DUMP                                   | 1.07               | 1.04 | 1.03 | 1.00 | 0.97 | 0.91 | 0.88 | 0.87 | 0.86 | 0.84 | 0.79 | 0.73 | 0.70 | 0.68 | 0.68 | 0.67 | 0.66 | 0.65 |
| T56 0.30        | WAGONS, REAR DUMP                                     | 1.07               | 1.04 | 1.03 | 1.00 | 0.96 | 0.91 | 0.88 | 0.87 | 0.86 | 0.83 | 0.79 | 0.73 | 0.69 | 0.68 | 0.67 | 0.67 | 0.66 | 0.64 |
| T57 0.00        | TRUCKS, VACUUM  | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.75 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |
| T60 0.00        | TRUCKS, WATER, OFF-HIGHWAY                            | 1.08               | 1.04 | 1.03 | 1.00 | 0.96 | 0.90 | 0.87 | 0.87 | 0.85 | 0.83 | 0.78 | 0.72 | 0.68 | 0.67 | 0.66 | 0.66 | 0.65 | 0.63 |
| T65 0.00        | TUNNEL/MINING EQUIPMENT                               |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| T65 0.10        | DRIFTING & TUNNELING DRILLS                           | 1.06               | 1.03 | 1.02 | 1.00 | 0.96 | 0.94 | 0.92 | 0.90 | 0.89 | 0.86 | 0.83 | 0.78 | 0.78 | 0.77 | 0.79 | 0.78 | 0.79 | 0.78 |
| T65 0.20        | TUNNEL BORING MACHINES                                | 1.06               | 1.04 | 1.02 | 1.00 | 0.98 | 0.95 | 0.94 | 0.92 | 0.89 | 0.86 | 0.83 | 0.79 | 0.76 | 0.75 | 0.74 | 0.73 | 0.71 | 0.70 |
| T65 0.30        | PRODUCTION DRILLING RIGS                              | 1.06               | 1.03 | 1.02 | 1.00 | 0.96 | 0.94 | 0.92 | 0.90 | 0.89 | 0.86 | 0.83 | 0.78 | 0.77 | 0.77 | 0.79 | 0.78 | 0.79 | 0.78 |
| T65 0.40        | ROADHEADERS & CONTINUOUS MINERS                       | 1.06               | 1.04 | 1.02 | 1.00 | 0.98 | 0.95 | 0.94 | 0.91 | 0.89 | 0.86 | 0.83 | 0.79 | 0.76 | 0.75 | 0.74 | 0.72 | 0.71 | 0.69 |
| T65 0.50        | ROCK BOLTING EQUIPMENT                                | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.75 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |

**Table 3-2 Equipment Age Adjustment Factors for Standby Cost**

| CATEGORY<br>SUB | REGION 10<br>TYPE OF EQUIPMENT             |      | Year Purchased New |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 |  |      | Life in Years      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                 |  |      | 0                  | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   |
| 1999            | 1998                                       | 1997 | 1996               | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 |      |      |      |
| T65 0.61        | LOADING & HAULING EQUIPMENT, DIESEL OR GAS |      | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.77 | 0.75 | 0.73 | 0.71 | 0.70 | 0.68 |      |
| T65 0.62        | LOADING & HAULING EQUIPMENT, ELECTRIC      |      | 1.06               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.78 | 0.75 | 0.74 | 0.73 | 0.71 | 0.70 | 0.68 |
| T65 0.63        | LOADING & HAULING EQUIPMENT, AIR-POWERED   |      | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.84 | 0.81 | 0.76 | 0.74 | 0.72 | 0.71 | 0.69 | 0.68 | 0.66 |
| T65 0.70        | LOCOMOTIVES                                |      | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.82 | 0.77 | 0.75 | 0.73 | 0.72 | 0.71 | 0.70 | 0.68 |
| T65 0.90        | OTHER TUNNELING EQUIPMENT                  |      | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.94 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.75 | 0.73 | 0.72 | 0.70 | 0.69 | 0.67 |
| W10 0.00        | WAGONS, BOTTOM DUMP                        |      | 1.07               | 1.04 | 1.03 | 1.00 | 0.96 | 0.91 | 0.88 | 0.87 | 0.86 | 0.83 | 0.79 | 0.73 | 0.69 | 0.68 | 0.67 | 0.67 | 0.66 | 0.64 |
| W15 0.00        | WAGONS, REAR DUMP                          |      | 1.07               | 1.04 | 1.03 | 1.00 | 0.96 | 0.91 | 0.88 | 0.87 | 0.86 | 0.83 | 0.79 | 0.73 | 0.69 | 0.68 | 0.67 | 0.67 | 0.66 | 0.64 |
| W25 0.00        | WATER & CO2 BLASTERS                       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| W25 0.10        | LOW PRESSURE, (< 5,000 PSI)                |      | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| W25 0.20        | HIGH PRESSURE, (>= 5,000 PSI)              |      | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.84 | 0.81 | 0.76 | 0.74 | 0.72 | 0.71 | 0.69 | 0.68 | 0.66 |
| W25 0.30        | STEAM CLEANERS                             |      | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.76 | 0.73 | 0.71 | 0.70 | 0.69 | 0.67 | 0.65 |
| W25 0.40        | CO2 BLASTERS                               |      | 1.07               | 1.04 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.91 | 0.88 | 0.85 | 0.81 | 0.77 | 0.74 | 0.72 | 0.71 | 0.70 | 0.69 | 0.67 |
| W30 0.00        | WATER TANKS                                |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| W30 0.10        | PORTABLE WITH WHEELS                       |      | 1.08               | 1.04 | 1.03 | 1.00 | 0.96 | 0.90 | 0.87 | 0.87 | 0.85 | 0.83 | 0.78 | 0.72 | 0.68 | 0.67 | 0.66 | 0.66 | 0.65 | 0.63 |
| W30 0.20        | SKID MOUNTED                               |      | 1.08               | 1.04 | 1.03 | 1.00 | 0.96 | 0.90 | 0.87 | 0.87 | 0.85 | 0.83 | 0.78 | 0.72 | 0.68 | 0.67 | 0.66 | 0.66 | 0.65 | 0.63 |
| W35 0.00        | WELDERS                                    |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| W35 0.10        | ENGINE DRIVEN                              |      | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.94 | 0.93 | 0.90 | 0.87 | 0.83 | 0.79 | 0.74 | 0.72 | 0.70 | 0.69 | 0.67 | 0.66 | 0.64 |
| W35 0.20        | ELECTRIC DRIVEN                            |      | 1.07               | 1.05 | 1.02 | 1.00 | 0.97 | 0.95 | 0.93 | 0.90 | 0.87 | 0.84 | 0.80 | 0.75 | 0.72 | 0.70 | 0.69 | 0.68 | 0.66 | 0.64 |

## STANDBY HOURLY RATE CALCULATION FOR OVERAGE EQUIPMENT

### EXAMPLE

Assume the following information for the rate calculation example:

- A. The unit of equipment is not listed in TABLE 2-1
- B. The equipment is contractor-owned
- C. Data for the unit in question:
  - 1. Clark front-end wheel loader
  - 2. Model 125C, 4WD, 4 CY capacity
  - 3. Serial number indicates year of manufacture = 1982
  - 4. Actual purchase price in 1982 = \$168,000
  - 5. Horsepower is 203 hp
  - 6. Drive tire size = 23.50 x 25, 16 Ply, L-3

Drive tire cost (1999) = 4 tires x \$1,711 = \$6,844
- D. Use the actual cost data as follows:
  - 1. Purchase price (TEV) = \$168,000
  - 2. Year of manufacture = 1982
- E. Hourly rate is computed as follows in accordance with Figure 3-2, Standby Hourly Rate Calculation for Overage Equipment.

Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment

**Use this worksheet to compute rates for equipment that is not in this pamphlet.**

**1. EQUIPMENT INFORMATION & EXPENSE FACTORS**

**For ID No. N/A**

**a. Equipment Specification Data:**

- (1) Equipment Description: CLARK FRONT-END WHEEL LOADER
- (2) Model and Series: 125 C, 4WD, 4 C.Y.
- (3) Present Year or Year of Use: 1999
- (4) Year Manufactured: 1982
- (5) Horsepower - Equipment: 203
- (6) Horsepower - Carrier: N/A
- (7) Fuel type: - Equipment: gas / diesel off-road / diesel on-road / electric / air D-OFF  
 - Carrier: gas / diesel off-road / diesel on-road / electric / air N/A
- (8) Shipping Weight (CWT): 367 CWT
- (9) Tire size and number of tires: (Cost of tires based on present year - see 1.a.(3) & APPENDIX F)
  - (a) Front: No.: N/A Size/Ply: \_\_\_\_\_ Cost: \$ \_\_\_\_\_
  - (b) Drive: No.: 4 Size/Ply: 23.5 X 25, 16 Ply Cost: \$ 6,844
  - (c) Trailing: No.: N/A Size/Ply: \_\_\_\_\_ Cost: \$ \_\_\_\_\_
  - (d) Total Tire Cost: \$ 6,844

**USE APPENDIX D TO COMPLETE THE FOLLOWING DATA:**

**b. Category and Sub-category Number:** L 4 0 0.11

**c. Hourly Expense Calculation Factors:**

- (1) Economic Key (E K): 45
- (2) Condition (C): Average or Severe AVERAGE
- (3) Discount Code (DC): B = 7.5% (0.075) - or - S = 15.0% (0.15) B = .075
- (4) Life in Hours (LIFE): 10,000
- (5) Salvage Value Percentage (SLV): 0.25
- (6) Fuel Factor - Equipment (E G D): 0.033
- (7) Fuel Factor - Carrier (E G D): N/A
- (8) FOG Factor (E G D): 0.445
- (9) Tire Wear Factor:
  - (a) Front (FT): N/A
  - (b) Drive (DT): ( SEE 9(b) ) 0.42
  - (c) Trailing (TT): N/A
- (10) Repair Cost Factor (RCF): 0.70

**Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment**

## 2. EQUIPMENT VALUE

a. List Price + Accessories: (at Year of Manufacture) = \$           ---

(1) Discount: ( List Price ) x ( Discount Code )  
[ 1.c.(3) ]

(           --- ) x (           --- ) = -\$           ---

(2) Subtotal [ 2.a. ] - [ 2.a.(1) ] S/T = \$           ---

(3) Sales or Import Tax: ( Subtotal ) x ( Tax Rate )  
[ 2.a.(2) ] [ APPENDIX B ]

(           --- ) x (           --- ) = +\$           ---

(4) Total Discounted Price: Subtotal: [2.a.(2)] + [2.a.(3)] S/T = \$           ---

b. Freight: ( Shipping Weight ) x ( Freight Rate per CWT )  
[ 1.a.(8) ] [ APPENDIX B ]

(           --- CWT ) x (           --- ) = +\$           ---

c. **TOTAL EQUIPMENT VALUE (TEV):** [ 2.a.(4) ] + [ (2.b) ]      **2. TOTAL: = \$ 168,000**

(See Chapter 3 for used and overage equipment rate adjustments.)

## 3. DEPRECIATION PERIOD (N)

a. ( LIFE ) / ( Working Hours Per Year ( WHPY ) ) = N  
[ 1.c.(4) ] [ APPENDIX B ]

( 10,000 Hrs ) / ( 1480 Hrs/Yr )      **3. TOTAL: = 6.757 Yrs(N)**

## 4. OWNERSHIP COST

### a. Depreciation

#### (1) Tire Costs Index ( TCI ):

( Tire Index, Yr of Mfgr ) / Tire Index, Based on 1a.(3)) = Tire Cost Index ( TCI )  
[ APPENDIX E, EK=100 ] [ APPENDIX E, EK=100 ]

( 2552 ) / ( 2400 ) = 1.063 ( TCI )  
(for 1982) (for 1999)

### a. Depreciation (continued)

(2) [ ( TEV ) x [ 1.0 - (SLV) ] - [ ( TCI ) x ( Tire Cost ) ] ] / ( LIFE )  
[ 2.c. ] [ 1.c.(5) ] [ 4.a. (1) ] [ 1.a.(9)(d) ] [ 1.c.(4) ]

[ ( 168,000 ) x [ 1.0 - ( 0.25 ) ] - [ ( 1.063 ) x ( 6.844 ) ] ] / ( 10,000 )

= \$ 11.87 /Hr

Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment



**4. OWNERSHIP COST (Continued)**

**b. Facilities Capital Cost of Money (FCCM):**

$$(1) \left[ \left( \frac{N}{[3.a.]} \right) - 1.0 \right] \times \left[ 1.0 + \frac{(SLV)}{[1.c.5.]} \right] + 2.0 \div \left[ 2.0 \times \left( \frac{N}{[3.a.]} \right) \right] = \text{Avg Value Factor (AVF)}$$

$$\left[ \left( \frac{6.757 \text{ Yrs}}{[3.a.]} - 1.0 \right) \times \left[ 1.0 + \frac{(0.25)}{[1.c.5.]} \right] + 2.0 \right] \div \left[ 2.0 \times \left( \frac{6.757 \text{ Yrs}}{[3.a.]} \right) \right] = \underline{0.68} \text{ (AVF)}$$

$$(2) \left( \frac{TEV}{[2.c.]} \right) \times \left( \frac{AVF}{[4.b.(1)]} \right) \times \left( \frac{\text{Adjusted Cost-of-Money}}{[APPENDIX B]} \right) \div \left( \frac{WHPY}{[APPENDIX B]} \right)$$

$$\left( \frac{168,000}{[2.c.]} \right) \times \left( \frac{0.68}{[4.b.(1)]} \right) \times \left( \frac{0.04}{[APPENDIX B]} \right) \div \left( \frac{1480 \text{ Hrs/Yr}}{[APPENDIX B]} \right) = \underline{\underline{\$ 3.09 /Hr}}$$

**c. TOTAL HOURLY OWNERSHIP COST:**  
[ 4.a.(2) ] + [ 4.b.(2) ]

**4. TOTAL:** = \$        /Hr

**5. OPERATING COST**

**a. Fuel Costs:**

**(1) Equipment:**

$$\left( \frac{\text{Fuel Factor}}{[1.c.(6)]} \right) \times \left( \frac{\text{Horsepower}}{[1.a.(5)]} \right) \times \left( \frac{\text{Fuel Cost Per Gallon}}{[APPENDIX B]} \right)$$

$$\left( \frac{---}{[1.c.(6)]} \right) \times \left( \frac{--- \text{ HP}}{[1.a.(5)]} \right) \times \left( \frac{--- /Gal}{[APPENDIX B]} \right) = \underline{\underline{\$ --- /Hr}}$$

**(2) Carrier:**

$$\left( \frac{\text{Fuel Factor}}{[1.c.(7)]} \right) \times \left( \frac{\text{Horsepower}}{[1.a.(6)]} \right) \times \left( \frac{\text{Fuel Cost Per Gallon}}{[APPENDIX B]} \right)$$

$$\left( \frac{---}{[1.c.(7)]} \right) \times \left( \frac{--- \text{ HP}}{[1.a.(6)]} \right) \times \left( \frac{--- /Gal}{[APPENDIX B]} \right) = \underline{\underline{\$ --- /Hr}}$$

**(3) Total Hourly Fuel Costs** [ (5.a (1) ) + [ 5.a (2) ]      Total 5.a. = \$        /Hr

**b. FOG Cost:**

**(1) Equipment:**

$$\left( \frac{\text{FOG Factor}}{[1.c.(8)]} \right) \times \left( \frac{\text{Equipment Fuel Cost}}{[5.a.(1)]} \right) \times \left( \frac{\text{LAF}}{[APPENDIX B]} \right)$$

$$\left( \frac{---}{[1.c.(8)]} \right) \times \left( \frac{--- /Hr}{[5.a.(1)]} \right) \times \left( \frac{---}{[APPENDIX B]} \right) = \underline{\underline{\$ --- /Hr}}$$

Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment

**5. OPERATING COST** (Continued)

(2) Carrier:

$$\begin{aligned} & \left( \begin{array}{c} \text{FOG Factor} \\ [1.c.(8)] \end{array} \right) \times \left( \begin{array}{c} \text{Carrier Fuel Cost} \\ [5.a.(2)] \end{array} \right) \times \left( \begin{array}{c} \text{LAF} \\ [APPENDIX B] \end{array} \right) \\ & \left( \underline{\quad\quad\quad} \right) \times \left( \underline{\quad\quad\quad} / \text{Hr} \right) \times \left( \underline{\quad\quad\quad} \right) = \$ \underline{\quad\quad\quad} / \text{Hr} \end{aligned}$$

(3) Total Hourly Fog Cost Total 5.b. = \$        /Hr  
[ (5.b.(1)) + (5.b.(2)) ]

c. Alternative Fuel/FOG Cost: Total 5.c. = \$        /Hr  
(See Chapter 2, paragraph 24.d. for guidance on when to use.)

d. Repair Cost:

(1) Economic Adjustment Factor (EAF) :  
(EK is from [1 c. (1) ])

$$\begin{aligned} & \left( \begin{array}{c} \text{Economic Index for Year 1a.(3)} \\ [APPENDIX E] \end{array} \right) / \left( \begin{array}{c} \text{Economic Index for Year 1a.(4)} \\ [APPENDIX E] \end{array} \right) \\ & \left( \underline{\quad\quad\quad} \right) / \left( \underline{\quad\quad\quad} \right) = \underline{\quad\quad\quad} \text{ (EAF)} \end{aligned}$$

(See TABLE 3-2 for last year of economic life)

(2) Repair Factor (RF):

$$\begin{aligned} & \left( \begin{array}{c} \text{RCF} \\ [1.c.(10)] \end{array} \right) \times \left( \begin{array}{c} \text{EAF} \\ [5.d.(1).] \end{array} \right) \times \left( \begin{array}{c} \text{LAF} \\ [APPENDIX B] \end{array} \right) = \text{Repair Factor (RF)} \\ & \left( \underline{\quad\quad\quad} \right) \times \left( \underline{\quad\quad\quad} \right) \times \left( \underline{\quad\quad\quad} \right) = \underline{\quad\quad\quad} \text{ (RF)} \end{aligned}$$

(3) Repair Cost

$$\begin{aligned} & \left[ \left( \begin{array}{c} \text{TEV} \\ [2.c.] \end{array} \right) - \left[ \left( \begin{array}{c} \text{TCI} \\ [4.a.(1)] \end{array} \right) \times \left( \begin{array}{c} \text{Tire Cost} \\ [1.a.(9)(d)] \end{array} \right) \right] \right] \times \left( \begin{array}{c} \text{RF} \\ [5.d.(2)] \end{array} \right) / \left( \begin{array}{c} \text{LIFE} \\ [1.c.(4)] \end{array} \right) \\ & \left[ \left( \underline{\quad\quad\quad} \right) - \left[ \left( \underline{\quad\quad\quad} \right) \times \left( \underline{\quad\quad\quad} \right) \right] \right] \times \left( \underline{\quad\quad\quad} \right) / \left( \underline{\quad\quad\quad} \right) \end{aligned}$$

(4) Total Hourly Repair Cost: Total 5.d. = \$        /Hr

Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment

**5. OPERATING COST (Continued)**

e. Tire Wear Cost: (Use current price levels. See APPENDIX F)

(1) Front Tires:

$$\frac{[ 1.5 \times (\text{FT Cost}) ]}{[ 1.a.(9)(a) ]} / \frac{[ 1.8 \times (\text{FT Wear Factor}) \times (\text{Maximum Tire Life/Hrs}) ]}{[ 1.c.(9)(a) ] \quad [ \text{APPENDIX G} ]}$$

$$[ 1.5 \times (\text{---}) ] / [ 1.8 \times (\text{---}) \times (\text{---}/\text{Hrs}) ] = \$ \text{---} / \text{Hr}$$

(2) Drive Tires:

$$\frac{[ 1.5 \times (\text{DT Cost}) ]}{[ 1.a.(9)(b) ]} / \frac{[ 1.8 \times (\text{DT Wear Factor}) \times (\text{Maximum Tire Life/Hrs}) ]}{[ 1.c.(9)(b) ] \quad [ \text{APPENDIX G} ]}$$

$$[ 1.5 \times (\text{---}) ] / [ 1.8 \times (\text{---}) \times (\text{---}/\text{Hrs}) ] = \$ \text{---} / \text{Hr}$$

(3) Trailing Tires:

$$\frac{[ 1.5 \times (\text{TT Cost}) ]}{[ 1.a.(9)(c) ]} / \frac{[ 1.8 \times (\text{TT Wear Factor}) \times (\text{Maximum Tire Life/Hrs}) ]}{[ 1.c.(9)(c) ] \quad [ \text{APPENDIX G} ]}$$

$$[ 1.5 \times (\text{---}) ] / [ 1.8 \times (\text{---}) \times (\text{---}/\text{Hrs}) ] = \$ \text{---} / \text{Hr}$$

(4) Total Tire Wear Cost  
[ Sum 5.e.(1) through 5.e.(3) ]

Total 5.e. = \$     ----     /Hr

f. Tire Repair Cost:

$$(\text{Total Tire Wear})_{[ 5.e.(4) ]} \times 0.15 \times (\text{LAF})_{[ \text{APPENDIX B} ]}$$

$$(\text{---}) \times 0.15 \times (\text{---}) \quad \text{Total 5.f.} = \$ \text{---} / \text{Hr}$$

**g. TOTAL HOURLY OPERATING COST:**  
[ Sum 5.a. through 5.f. ]

**5. TOTAL:** \$     ----     /Hr

Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment

**6. HOURLY RATES**

**a. Total Hourly Rate:** *(based on 40 hours per week)*

$$\begin{aligned} & \left( \begin{array}{c} \text{Ownership Cost} \\ \text{[ 4.c. ]} \end{array} \right) + \left( \begin{array}{c} \text{Operating Cost} \\ \text{[ 5.g. ]} \end{array} \right) \\ & \left( \underline{\hspace{2cm}} / \text{Hr} \right) + \left( \underline{\hspace{2cm}} / \text{Hr} \right) \end{aligned}$$

$$= \$ \underline{\hspace{1cm} \text{N/A} \hspace{1cm}} / \text{Hr}$$

**b. Other Work Shifts Hourly Rate :**  
*(Refer to Chapter 3, Adjustments to Rates, for methodology.)*

$$\begin{aligned} & \left[ \left( \begin{array}{c} \text{Depreciation} \\ \text{[ 4. a. (2) ]} \end{array} \right) + \left[ \left( \begin{array}{c} \text{FCCM} \\ \text{[ 4. b. (2) ]} \end{array} \right) \times \left( \frac{40 \text{ hrs/wk}}{\text{Work Hrs/wk}} \right) \right] + \left( \begin{array}{c} \text{Operating Costs} \\ \text{[ 5.g. ]} \end{array} \right) \right] \\ & \left[ \left( \underline{\hspace{2cm}} / \text{Hr} \right) + \left[ \left( \underline{\hspace{2cm}} / \text{Hr} \right) \times \left( \frac{40 \text{ Hrs/wk}}{\underline{\hspace{2cm}} \text{Hrs/wk}} \right) \right] + \left( \underline{\hspace{2cm}} / \text{Hr} \right) \right] \end{aligned}$$

$$= \$ \underline{\hspace{1cm} \text{N/A} \hspace{1cm}} / \text{Hr}$$

**c. Standby Hourly Rate:**

$$\begin{aligned} & \left[ \left( \begin{array}{c} \text{Depreciation} \\ \text{[ 4.a.(2) ]} \end{array} \right) \times 0.50 \right] + \left( \begin{array}{c} \text{FCCM} \\ \text{[ 4.b.(2) ]} \end{array} \right) \\ & \left[ \left( \underline{\hspace{1cm} 11.37 \hspace{1cm}} / \text{Hr} \right) \times 0.50 \right] + \left( \underline{\hspace{1cm} 3.09 \hspace{1cm}} / \text{Hr} \right) \end{aligned}$$

$$= \$ \underline{\hspace{1cm} 8.78 \hspace{1cm}} / \text{Hr}$$

**See Chapter 3 if rate adjustments are necessary.**

**Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment**

## CHAPTER 4

### METHODOLOGY FOR DREDGING PLANT

#### SECTION I. GENERAL

4-1. Contents. This chapter contains the methodology used to compute ownership and operating rates for dredging plant. Dredging plant is defined as marine equipment that is used for dredging operations for the majority of its plant life. See Table 2-1 for marine equipment where over the life of the equipment the plant is not typically used on a dredging project.

4-2. General. The ownership and operating rates provided in TABLE 2-1, Category M-10, are developed based on the methodology in Chapter 2 for non-dredging equipment. Those rates may be used for dredging, provided they are adjusted in accordance with the methodology provided in this chapter.

a. Ownership and operating cost factors as shown in TABLE 4-1, Dredge Plant Expense Factors, are for various types of dredging equipment and plant. When a type of equipment or plant is not listed, the cost factors may be estimated by using the factors listed in this table for a similar type of plant.

b. This rate methodology applies only to dredges and floating attendant plant engaged in any type of dredging operations.

c. Hopper dredge cost factors and operating cost rate methodology are not included in this chapter. These factors have been omitted primarily due to the limited number of hopper dredges and the complexity of the methodology used to calculate rates. Further information can be found in ER 1110-2-1302, Civil Works Cost Engineering and can be found on the Internet at <http://www.usace.army.mil/inet/usace-docs/eng-regs/er1110-2-1302/toc.htm>. Methodology for determining ownership cost (depreciation and FCCM) is determined using the methodology found "SECTION V. OWNERSHIP COST" of this chapter.

d. For mechanical dredges, the cost of the buckets are typically included in the plant value, therefore no additional allowance should be made for ownership cost. If the bucket cost is not included in the plant value, then the bucket may be treated as a separate unit of equipment and calculated using from TABLE 2-1.

#### SECTION II. ANNUAL USE

4-3. Time Available to Dredge.

a. The number of months available per each calendar year for the contract dredging shall be based on the work time available to dredge, excluding downtime for major

repairs, work in dry dock, bad weather, and environmental restrictions. Therefore, Figure 4-1, Months Available by Region depicts months available for dredging, including mobilization and demobilization, based on data collected from Corps of Engineers' regional dredge estimating teams. This information shall be used for computing the ownership costs. If the contract document specifies a different time in months, these months may be substituted.

b. The basis for estimating operating hours of use per month must be documented in the estimate by the cost engineer.

| <b>AVAILABLE TIME TO DREDGE BY REGION<br/>(In Months)</b> |                                 |               |               |
|---|---------------------------------|---------------|---------------|
| <u>Region</u>   | <u>Type of Dredge Operation</u> |               |               |
|   | <u>Pipeline</u>                 | <u>Bucket</u> | <u>Hopper</u> |
| Atlantic Coast<br>and tributaries                         | <b>9</b>                        | <b>10</b>     | <b>10</b>     |
| Gulf Coast, Lower<br>Mississippi and<br>Tributaries       | <b>10</b>                       | <b>10</b>     | <b>11</b>     |
| Great Lakes, Upper<br>Mississippi and<br>Tributaries      | <b>8</b>                        | <b>8</b>      | <b>8</b>      |
| West Coast and<br>Tributaries                             | <b>9</b>                        | <b>9</b>      | <b>9</b>      |

Figure 4-1. - Months Available by Region

### SECTION III. LIFE

4-4. Life. The life for determining ownership and operating costs is defined as follows:

a. Useful Life. The Useful Life is expressed in years in TABLE 4-1. It is the expected life used to develop ownership rates for various types of dredge plant.

b. Physical Life. The Physical Life is expressed in hours in TABLE 4-1. It is the expected life used to develop operating rates for various types of dredge plant.

4-5. Annual Hours Available. The annual hours available to dredge can be established for each type of plant based on the months available and the estimated

effective monthly hours worked. For definition of effective time refer to ER 1110-2-1302, Civil Works Cost Engineering. The total annual hours available can be expressed by formula, as follows:

$$\text{Available Hours Per Year} = \text{Months Available/Year} \times \text{Effective Hours/Month}$$

#### **SECTION IV. SALVAGE VALUE**

4-6. Salvage Value. The salvage value (SLV), expressed as a decimal, is shown in TABLE 4-1 for different types of plant.

#### **SECTION V. OWNERSHIP COST**

4-7. Ownership Cost. Ownership expense is expressed as a percent of plant value, which is defined as the acquisition cost plus any initial capital improvements. The value of initial capital improvements is based on those betterments, which were made within one year of purchase. Capital improvements do not include any replacement or repair work. Cost for repairs or replacements are covered in the repair cost allowance, within operating cost. Capital Improvements are considered betterment's, where the plant has been improved, such as adding radar, or upgrade of engines (Note: Only the cost difference between replacement of existing similar engines and actual cost for upgrade of engines should be considered as capital improvement). For capital improvements not made within the first year after the initial acquisition, see Section VIII, Negotiated Procurement. Ownership is based on "Dredging time" defined as effective plus non-effective time. "Effective working time" is defined as time during the dredging operation when actual production is taking place. "Non-Effective working time" is defined as time during the dredging operation when the dredge is operational but no production is taking place. For complete definition of terms see ER 1110-2-1302 Civil Works cost Engineering regulation or EI 01 D010 Construction Cost Estimates.

a. The ownership rate is determined from the plant value and is the total expense rate for depreciation and FCCM. When cost or pricing data is available, the actual acquisition price shall be used. Otherwise, the value of a similar piece of plant is used and, if necessary, adjusted so that capacity, size, and horsepower are properly considered.

b. Ownership expense is determined on a yearly basis, distributed over a monthly basis. The monthly rate is calculated based on the available use months, by using the following formula:

$$\text{Ownership Per Month} = \text{Plant Value} \times (\text{DEPR} + \text{FCCM}) / \text{Available use months}$$

Where:

(1) DEPR = Ownership percent per year for depreciation

(2) FCCM = Ownership percent per year for Facilities Capital Cost of Money

4-8. Depreciation. Depreciation is computed using the straight-line method. The depreciable value is the acquisition cost, plus initial capital improvements, less estimated salvage. The basis for determining the yearly percentage factor for depreciation is expressed by formula, as follows:

$$\text{DEPR (percent per year)} = (1 - \text{SLV}) / N$$

Where:

(1) N = Ownership Life in Years

(2) SLV = Salvage Value

4-9. Facilities Capital Cost of Money (FCCM). FCCM is computed as shown in Chapter 2, except that FCCM is determined on a yearly basis instead of an hourly basis and is expressed here as an annual percentage factor. The cost-of-money rate (CMR) in effect at the time the work is performed or current rate shall apply. This formula is expressed as follows:

$$\text{FCCM (percent per year)} = \frac{[(N-1)(1+\text{SLV})+2](\text{CMR})}{2N}$$

Where:

CMR = Cost-of-money rate reduced by 25.0% for overhead and profit allowance

4-10. Other Ownership Elements. Taxes, storage (lay-up), and insurance are considered indirect (overhead) costs as defined in ER 1110-2-1302, Appendix D. These are not included in ownership rates as calculated in this chapter since they vary by geographic areas and with individual contractors. These costs should not be duplicated in the overhead in the estimate or submitted proposal.

## SECTION VI. OPERATING FACTORS

4-11. Hourly Operating Cost. Ownership is based on effective time. Dredge plant operating factors are shown in TABLE 4-1. These factors, which are described below, are not intended to replace historical data but may be used when historical data is limited or non-existent.



4-12. Prime and Secondary Power. Prime power refers to the primary operating engine for the dredge or other piece of attendant plant. Secondary power refers to all other secondary engines or power plants. If more than one of these engines is present, the horsepower is totaled. Fuel consumption factors are prepared on the same basis as Chapter 2. If the estimator has more specific fuel consumption information, the horsepower factor (HPF) may be adjusted to reflect job conditions. The HPF factor is shown for information only in non-decimal format.

4-13. Water, Lube, and Supplies (WLS). This factor is similar to the FOG factor described in Chapter 2. This item is computed as either a percentage of the hourly fuel costs or, if the type of plant has no engine, a reasonable hourly cost should be included. This factor does not include an allowance for the oiler normally assigned to the dredge or other piece of dredge plant.

4-14. Repairs (RPR). This factor includes an allowance for all major and minor repairs and is similar to the maintenance and repair cost factor described in Chapter 2. The economic adjustment factor (EAF) and the labor adjustment factor (LAF) are required to develop this cost. It should be noted that the repair allowance does not include the following estimated additive items:

a. Excessive dredge wear for parts such as cutter teeth and main suction pumps are not included due to the wide variety of materials being dredged. The original cost of the bucket and normal wear are typically included in the plant value covered in the plant rate. Excessive bucket wear for mechanical dredges is estimated as an additive item or treated as a separate unit of equipment from TABLE 2-1. Allowances for wear due to abrasive material should only be included as an additive item if it is warranted and is not considered elsewhere in the estimate.

b. Dry docking costs, which represent an allowance for rental of the dry dock facility, are not included because they vary greatly depending on the facilities available. Repairs incurred while in dry dock, which occur periodically, are in the repair factor (RPR). Dry docking costs will be allocated on an average annual basis over the years between such occurrences (in accordance with FAR 31.205-24).

c. There is no predetermined allowance in the dredge plant methodology for jobsite yard costs, mobilization, or demobilization. All of these cost elements must be separately estimated to match each project's construction conditions.

## **SECTION VII. STANDBY**

4-15. Standby Rate. The standby rate is computed by allowing the full ownership cost (full depreciation plus the full FCCM). In addition to the standby ownership rate, it may be necessary on dredges to include operating costs. A generator fuel allowance to account for operation of a diesel engine generator for power to operate pumps, navigation lights, minimum crew, etc. are examples of these operating costs.

a. Standby is directed delay by the Government and will not be allowed during periods when the plant would have otherwise been in idle status, such as non-effective working time. Since ownership is calculated based on life in years computed monthly, standby should be paid only when additional time has been directed by the government. Standby is to be paid on a 24-hour basis.

b. Standby for pipeline and accessories shall be based on pumping mud in determining values from TABLE 4-1.

## **SECTION VIII. NEGOTIATED PROCUREMENT**

4-16. Rates. The calculated plant rates based on the methodology presented in this chapter should be used for preparing a reasonable contract estimate. When adequate cost or pricing data is available and is submitted by the contractor for negotiated procurement, the rates may be adjusted in accordance with the methodology in this chapter. Cost or pricing data is defined in Federal Acquisition Regulation (FAR), Subpart 15, Contracting by Negotiation (15.401, Definitions).

4-17. Allowance for Additional Capital Improvements. Allowance for additional capital improvements shall be calculated in accordance with accepted general accounting principles. When adequate cost or pricing data is not available, factors for a similar unit of equipment may be used for determining the ownership rate for overage equipment and plant.

### 4-18. Overage Plant

a. When the plant has exceeded the useful life given in TABLE 4-1, it is considered overage. The ownership rate for overage plant should be determined with the same methodology described in SECTION V with useful life as shown in TABLE 4-1.

b. When actual cost or pricing data is available to adjust the operating rate, the data must be adequate and established in accordance with accepted general accounting principles. When actual cost or pricing data is not available, the total hourly operating rate for overage equipment shall be computed on the basis that the equipment is equal to the Useful Life as shown in TABLE 4-1.

4-19. Dredge Plant Purchased Used. For plant purchased used, the ownership and operating rate must be calculated on an individual case, due to the varying conditions. When actual cost or pricing data is not available, the methodology from this chapter shall be used and values for life and salvage from TABLE 4-1 can be adjusted. Support for adjustments can be obtained by calling the Chief, Cost Engineering Branch, CENWW-ED-C, Corps of Engineers, Walla Walla District, telephone (509) 527-7511.

## SECTION IX. RATE CALCULATION EXAMPLE

4-20. Rate Calculation Example. The example shown in Figure 4-2, Dredge Plant Ownership and Operating Worksheet illustrates the use of FIGURE 4-1, TABLE 4-1 and the regional data from APPENDIX B to generate a rate.

a. Ownership is determined by calculating yearly percentages to account for Depreciation and FCCM. Operating costs are determined by using formulas from Chapter 2 for FUEL, FOG (WLS), and REPAIRS.

b. For illustration purposes, assume that a 24" hydraulic dredge was purchased new in 1987 for \$3,700,000, including tax and delivery, and there were no initial capital improvements. This example uses 500 hours per month and a discounted cost-of-money rate (CMR) of 4.00%.

| TABLE 4-1<br>DREDGE PLANT EXPENSE FACTORS                                   |             |               |               |                          |       |       |                              |       |       |       |    |       |
|---|-------------|---------------|---------------|--------------------------|-------|-------|------------------------------|-------|-------|-------|----|-------|
| TYPE OF PLANT   | USEFUL LIFE | PHYSICAL LIFE | SALVAGE VALUE | PRIME ENGINE FUEL FACTOR |       |       | SECONDARY ENGINE FUEL FACTOR |       |       | WLS % |    | RPR % |
|   | (YRS)       | (HRS)         | (SLV)         | HPF                      | G     | D     | HPF                          | G     | D     | G     | D  |       |
| <b>HYDRAULIC DREDGES - PIPELINE</b>   |             |               |               |                          |       |       |                              |       |       |       |    |       |
| (CUTTERHEAD OR DUSTPAN)<br>(BASED ON DISCHARGE DIAMETER)<br>(NON-TRUCKABLE) |             |               |               |                          |       |       |                              |       |       |       |    |       |
| 8-INCH AND UNDER  | 5           | 10,000        | 0.05          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 70    |
| 9-INCH THRU 10-INCH   | 6           | 12,000        | 0.05          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 80    |
| 11-INCH THRU 12-INCH  | 8           | 16,000        | 0.05          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 90    |
| 13-INCH THRU 15-INCH  | 15          | 40,000        | 0.05          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 100   |
| 16-INCH THRU 17-INCH  | 20          | 80,000        | 0.05          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 110   |
| 18-INCH THRU 20-INCH  | 20          | 100,000       | 0.05          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 120   |
| 21-INCH THRU 22-INCH  | 25          | 120,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 130   |
| 23-INCH THRU 24-INCH  | 25          | 130,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 130   |
| 25-INCH THRU 29-INCH  | 30          | 135,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 130   |
| 30-INCH OR LARGER   | 30          | 135,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 20    | 22 | 130   |
| <b>BOOSTERS - BARGE MOUNTED</b>   |             |               |               |                          |       |       |                              |       |       |       |    |       |
| (FOR PIPELINE DREDGES)  |             |               |               |                          |       |       |                              |       |       |       |    |       |
| 16-INCH THRU 17-INCH  | 20          | 80,000        | 0.05          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 22    | 24 | 80    |
| 18-INCH THRU 20-INCH  | 20          | 100,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 22    | 24 | 90    |
| 21-INCH THRU 22-INCH  | 25          | 120,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 22    | 24 | 100   |
| 23-INCH THRU 24-INCH  | 25          | 130,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 22    | 24 | 110   |
| 25-INCH THRU 29-INCH  | 30          | 135,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 22    | 24 | 120   |
| 30-INCH OR LARGER   | 30          | 135,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 22    | 24 | 120   |
| <b>MECHANICAL DREDGES (LARGE)*</b>  |             |               |               |                          |       |       |                              |       |       |       |    |       |
| *SIZED BY THE LARGEST BUCKET USED (NORMALLY A MUD BUCKET)                   |             |               |               |                          |       |       |                              |       |       |       |    |       |
| CLAMSHELL - UNDER 5 CY  | 8           | 16,000        | 0.05          | 70                       | 0.072 | 0.039 | 60                           | 0.062 | 0.033 | 22    | 24 | 90    |
| CLAMSHELL - 6 CY TO 10 CY   | 13          | 26,000        | 0.05          | 70                       | 0.072 | 0.039 | 60                           | 0.062 | 0.033 | 22    | 24 | 100   |
| CLAMSHELL - 11 CY TO 15 CY  | 20          | 40,000        | 0.05          | 70                       | 0.072 | 0.039 | 60                           | 0.062 | 0.033 | 22    | 24 | 110   |
| CLAMSHELL - 16 CY TO 20 CY  | 25          | 75,000        | 0.05          | 70                       | 0.072 | 0.039 | 60                           | 0.062 | 0.033 | 22    | 24 | 120   |
| CLAMSHELL - 20 CY AND OVER  | 30          | 90,000        | 0.05          | 70                       | 0.072 | 0.039 | 60                           | 0.062 | 0.033 | 22    | 24 | 130   |
| ALL OTHER TYPES<br>(BUCKET OR DIPPER)                                       | 25          | 90,000        | 0.10          | 70                       | 0.072 | 0.039 | 60                           | 0.062 | 0.033 | 22    | 24 | 120   |
| <b>BARGES</b>   |             |               |               |                          |       |       |                              |       |       |       |    |       |
| (USED WITH DREDGING)  |             |               |               |                          |       |       |                              |       |       |       |    |       |
| FUEL OR WATER   | 20          | 90,000        | 0.05          | 20                       | 0.021 | 0.011 | 20                           | 0.021 | 0.011 | 18    | 20 | 60    |
| EQUIPMENT OR WORK   | 20          | 90,000        | 0.05          | 20                       | 0.021 | 0.011 | 20                           | 0.021 | 0.011 | 18    | 20 | 60    |
| DERRICK   | 20          | 90,000        | 0.10          | 20                       | 0.021 | 0.011 | 20                           | 0.021 | 0.011 | 18    | 20 | 70    |
| ANCHOR  | 20          | 90,000        | 0.05          | 20                       | 0.021 | 0.011 | 20                           | 0.021 | 0.011 | 18    | 20 | 60    |
| MOORING BARGE   | 20          | 90,000        | 0.05          | 20                       | 0.021 | 0.011 | 20                           | 0.021 | 0.011 | 18    | 20 | 60    |
| DUMP SCOW   | 20          | 90,000        | 0.05          | 20                       | 0.021 | 0.011 | 20                           | 0.021 | 0.011 | 18    | 20 | 70    |

| <b>TABLE 4-1</b>                                |             |               |               |                          |       |       |                              |       |       |       |    |       |
|---|-------------|---------------|---------------|--------------------------|-------|-------|------------------------------|-------|-------|-------|----|-------|
| <b>DREDGE PLANT EXPENSE FACTORS (continued)</b> |             |               |               |                          |       |       |                              |       |       |       |    |       |
| TYPE OF PLANT                                   | USEFUL LIFE | PHYSICAL LIFE | SALVAGE VALUE | PRIME ENGINE FUEL FACTOR |       |       | SECONDARY ENGINE FUEL FACTOR |       |       | WLS % |    | RPR % |
|   | (YRS)       | (HRS)         | (SLV)         | HPF                      | G     | D     | HPF                          | G     | D     | G     | D  |       |
| <b>TUGS &amp; TENDERS</b>                       |             |               |               |                          |       |       |                              |       |       |       |    |       |
| (USED WITH DREDGING)                            |             |               |               |                          |       |       |                              |       |       |       |    |       |
| UNDER 500 HP                                    | 8           | 16,000        | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 32    | 38 | 80    |
| 500 THRU 1000 HP                                | 10          | 20,000        | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 32    | 38 | 90    |
| 1000 THRU 2000 HP                               | 15          | 55,000        | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 32    | 38 | 100   |
| 2000 THRU 3000 HP                               | 20          | 100,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 32    | 38 | 110   |
| OVER 3000 HP                                    | 25          | 120,000       | 0.10          | 80                       | 0.083 | 0.045 | 70                           | 0.072 | 0.039 | 32    | 38 | 120   |
| <b>BOATS - SEE CATEGORY M10.50</b>              |             |               |               |                          |       |       |                              |       |       |       |    |       |
| <b>PIPELINE &amp; ACCESSORIES</b>               |             |               |               |                          |       |       |                              |       |       |       |    |       |
| (CALM ENVIRONMENT)                              |             |               |               |                          |       |       |                              |       |       |       |    |       |
| <b>METAL PIPELINE (UNDER 20")</b>               |             |               |               |                          |       |       |                              |       |       |       |    |       |
| PUMPING MUD                                     | 2           | 9,000         | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| PUMPING SAND                                    | 1           | 4,500         | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| PUMPING ROCK (GRAVEL)                           | 0.3         | 1,500         | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| JOINTS  | 3           | 12,000        | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 30    |
| PONTOONS/FLOATS                                 | 12          | 60,000        | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| <b>METAL PIPELINE (20" AND LARGER)</b>          |             |               |               |                          |       |       |                              |       |       |       |    |       |
| PUMPING MUD                                     | 3           | 12,000        | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| PUMPING SAND                                    | 1.5         | 6,000         | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| PUMPING ROCK (GRAVEL)                           | 0.5         | 2,000         | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| JOINTS  | 3           | 12,000        | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 30    |
| PONTOONS/FLOATS                                 | 12          | 60,000        | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| <b>PIPELINE &amp; ACCESSORIES</b>               |             |               |               |                          |       |       |                              |       |       |       |    |       |
| (OCEAN ENVIRONMENT)                             |             |               |               |                          |       |       |                              |       |       |       |    |       |
| <b>METAL PIPELINE (ALL SIZES)</b>               |             |               |               |                          |       |       |                              |       |       |       |    |       |
| PUMPING MUD                                     | 2           | 9,000         | 0.40          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| PUMPING SAND                                    | 1           | 4,500         | 0.40          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| PUMPING ROCK (GRAVEL)                           | 0.3         | 1,500         | 0.40          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| JOINTS  | 1           | 4,500         | 0.40          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| PONTOONS/FLOATS                                 | 2           | 9,000         | 0.40          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| <b>METAL SHORELINE</b>                          |             |               |               |                          |       |       |                              |       |       |       |    |       |
| PUMPING MUD                                     | 3           | 12,000        | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| PUMPING SAND                                    | 1.5         | 6,000         | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |
| PUMPING ROCK (GRAVEL)                           | 0.5         | 2,000         | 0.10          | 0                        | 0.000 | 0.000 | 0                            | 0.000 | 0.000 | 0     | 0  | 5     |

Standby Calculation: Standby for pipeline and accessories shall be based on pumping mud.

1. PERTINENT DATA:

a. Plant Description..... > 24" Hydraulic Cutter Suction Dredge  
-----

b. Model & Series..... > Ellicott Series 4900 Super Dragon  
-----

c. Prime Engine Horsepower..... > 3,730 HP  
-----

d. Secondary Engine(s) Horsepower. (example)

(1) Electrical Generators..... > 200 HP  
(2) Hydraulic System..... > 1,325 HP  
(3) Cutter Head Drive..... > 750 HP  
(4) Hydraulic Water Jet..... > 200 HP  
-----

Total Secondary HP > 2,475 HP

e. Plant Value

(1) Acquisition Price..... > \$3,700,000  
(2) Capital Improvements..... > \$0  
-----

Total Plant Value \$3,700,000

f. Acquisition Year..... > 1987  
-----

g. Present Year..... > 1999  
-----

h. Cost of Money Rate (Undiscounted).. > 5.000 %  
-----

i. Use Discounted Money Rate ( 5.000% / 1.25 ) = 4.000%  
-----

j. Hours Worked per Month (Effective Time)..... > 500 hrs/mo  
-----

k. Additive Item(s) ( example )

(1) Excessive Dredge Wear ( Gravel ) > \$8,000 /month  
(2) \_\_\_\_\_ > \_\_\_\_\_ /month  
(3) \_\_\_\_\_ > \_\_\_\_\_ /month  
(4) \_\_\_\_\_ > \_\_\_\_\_ /month  
(5) \_\_\_\_\_ > \_\_\_\_\_ /month

Input data, methodology and notes used in the following sections of this form are or have reference to EP 1110-1-8, CONSTRUCTION EQUIPMENT OWNERSHIP AND EXPENSE SCHEDULE (See Chapter 4).

For information on cost-of-money rate and calculation of FCCM, see paragraph 4-9.  
Cost-of-money rates are located in APPENDIX I.

FIGURE 4-2 - DREDGE PLANT OWNERSHIP AND OPERATING RATE WORKSHEET

2. APPENDIX "B" DATA:

|                                       |   |                   |         |
|---------------------------------------|---|-------------------|---------|
| a. LAF (Labor Adjustment Factor)..... | > | 1.210             |         |
|                                       |   | -----             |         |
| b. Fuel Type.....                     | > | Diesel (Off-Road) |         |
|                                       |   | -----             |         |
| (1) Fuel Cost per Gallon.....         | > | \$0.84            | /gallon |
|                                       |   | -----             |         |

3. APPENDIX E DATA: (EK 105)

|  |   |       |            |
|--|---|-------|------------|
| a. Economic Index for Acquisition Year.... | > | 3886  | <for 1987> |
|  |   | ----- |            |
| b. Economic Index for Present Year.....    | > | 5710  | <for 1999> |
|  |   | ----- |            |

4. Time Available to Dredge. (Refer to paragraph 4-3)

|                                   |   |       |             |
|-----------------------------------|---|-------|-------------|
| a. Months Available per year..... | > | 9     | months/year |
|                                   |   | ----- |             |

*(Months available per year based on Atlantic Coast & Tributaries Region, Figure 4-1)*

5. TABLE 4-1 DATA:

|  |   |         |        |
|--|---|---------|--------|
| a. Useful Life (in Years) for Ownership....  | > | 25      | Years  |
|  |   | -----   |        |
| a. Physical Life ( in Hours) for Repairs.... | > | 130,000 | Hours  |
|  |   | -----   |        |
| b. SLV (Salvage Value Factor).....           | > | 0.10    |        |
|  |   | -----   |        |
| c. Prime Engine Fuel Factor.....             | > | 0.045   |        |
|  |   | -----   |        |
| d. Secondary Engine Fuel Factor.....         | > | 0.039   |        |
|  |   | -----   |        |
| e. WLS (Water, Lube & Supplies Factor).....  | > | 22 %    | = 0.22 |
|  |   | -----   |        |
| f. RPR (Repair Cost Factor).....             | > | 130 %   | = 1.30 |
|  |   | -----   |        |

FIGURE 4-2 - DREDGE PLANT OWNERSHIP AND OPERATING RATE WORKSHEET (continued)

6. Ownership Expense Percent per Year

a. Depreciation Percent (%): = (1.0 - SLV) / N

$$(1.0 - 0.10) / 25.00 = 3.60\%$$

b. FCCM Percent (%): = [(N-1)(1+SLV) + 2] x Discounted Money Rate / 2N

$$[(25.00 - 1)(1 + 0.10) + 2] \times 4.000\% / (2 \times 25.00) = 2.27\%$$

c. Total Ownership Percent Per Year....(3.60% + 2.27%) =

$$5.87\%$$

7. OWNERSHIP COSTS:

a. Yearly Ownership Expense: = (Total Plant Value x Total Yearly Ownership %)

$$(\$3,700,000 \times 5.87\%) = \$217,190 \text{ /year}$$

b. Monthly Ownership Expense: = (Yearly Ownership Expense /Months Available per year)

$$(\$217,190 \text{ /yr} / 9 \text{ mos/yr}) = \$24,132 \text{ /month}$$

8. OPERATING COSTS:

a. Fuel Cost = (Engine Fuel Factor x HP x Fuel Cost/Gal)

(1) Prime Engine Fuel:

$$(0.045 \times 3,730 \text{ HP} \times \$0.84 \text{ /gal}) = \$140.99 \text{ /hour}$$

(2) Secondary Engine Fuel:

$$(0.039 \times 2,475 \text{ HP} \times \$0.84 \text{ /gal}) = \$81.08 \text{ /hour}$$

b. Water, Lube & Supply Cost = (WLS factor x Hourly Fuel Cost)

(1) Prime Engine WLS:

$$(0.22 \times \$140.99) = \$31.02 \text{ /hour}$$

(2) Secondary Engine WLS:

$$(0.22 \times \$81.08) = \$17.84 \text{ /hour}$$

SHEET 3 OF 5

FIGURE 4-2 - DREDGE PLANT OWNERSHIP AND OPERATING RATE WORKSHEET (continued)



8. OPERATING COSTS (Continued):

c. Repair Cost:

(1) EAF (Economic Adjustment Factor)

= (Economic Index for Present Year / Economic Index for Acquisition Year)

$$(5710 \text{ <for 1999> } / 3886 \text{ <for 1987> }) = 1.469$$

(2) Repair Cost:

= (Total Plant Value x RPR x EAF x LAF) / Life in hrs

$$(\$3,700,000 \times 1.30 \times 1.469 \times 1.210) / 130,000 \text{ hrs} = \$65.77 \text{ /hour}$$

d. Total Hourly Operating Cost = (Fuel + WLS + Repairs)

$$(\$140.99 + \$81.08 + \$31.02 + \$17.84 + \$65.77) = \$336.70 \text{ /hour}$$

e. Monthly Operating Cost: = (Total Hourly Operating Cost x Hours Worked per Month)

$$(\$336.70 \text{ /hour} \times 500 \text{ hours/month}) = \$168,350 \text{ /month}$$

9. SUBTOTAL MONTHLY EXPENSE = (OWNERSHIP + OPERATING)

$$(\$24,132 \text{ /month} + \$168,350 \text{ /month}) = \$192,482 \text{ /month}$$

10. ESTIMATED ADDITIVE ITEMS (Sheet 1, Item k.):

|   |         |        |
|---|---------|--------|
| a. (1) Excessive Dredge Wear ( Gravel ) | \$8,000 | /month |
| (2) _____                               | _____   | /month |
| (3) _____                               | _____   | /month |
| (4) _____                               | _____   | /month |
| (5) _____                               | _____   | /month |

b. Subtotal - Estimated Additive Items \$8,000 /month

11. TOTAL MONTHLY RATE (Items 9 + 10 b.) \$200,482 /month

See following sheet for standby allowance.

FIGURE 4-2 - DREDGE PLANT OWNERSHIP AND OPERATING RATE WORKSHEET (continued)

12. STANDBY ALLOWANCE

a. Yearly Standby Expense:

= Ownerhip Cost from 7. a.

\$217,190 /year

-----

b. Monthly Standby Expense:

= Ownerhip Cost from 7. b.

\$24,132 /month

-----

c. STANDARD HOURLY STANDBY EXPENSE:

= (Monthly Standby Expense / 730 hr/mo)

( \$24,132 /month / 730 hours/month ) =

/hour

-----  
An additional generator fuel allowance may be allowed under certain circumstances. This allowance is applicable to dredges only.  
-----

d. Generator Fuel Allowance for a Dredge:

= ((Generator HP / Total Secondary HP) x Secondary Fuel Cost)

((200 HP / 2,475 HP) x \$81.08) = +

\$6.55 /hour

-----

e. TOTAL HOURLY STANDBY ALLOWANCE FOR A DREDGE:

= (Standby Allowance + Generator Fuel Allowance)

( \$33.06 + \$6.55 ) =

/hour

FIGURE 4-2 - DREDGE PLANT OWNERSHIP AND OPERATING RATE WORKSHEET (continued)

## APPENDIX A REFERENCES

### SECTION I. REQUIRED PUBLICATIONS

- FAR 30.101                      Cost Accounting Standards, Part 30, Federal Acquisition Regulation, Government Printing Office, Washington, D.C., 1999.
- FAR 31.105                      Construction and Architect-Engineer Contracts, Federal Acquisition Regulation, Government Printing Office, Washington, D.C., 1999.
- FAR 31.205-10                  Cost of Money, Federal Acquisition Regulation, Government Printing Office, Washington, D.C., 1999.
- FAR 31.205-24                  Maintenance and Repair Costs, Federal Acquisition Regulation, Government Printing Office, Washington, DC., 1999.
- EFARS 31.105                    Construction and Architect-Engineer Contracts, Engineer Federal Acquisition Regulation Supplement, Government Printing Office, Washington, D.C., 1999.
- EFARS 31.105-100              Contract Statement, Engineer Federal Acquisition Regulation Supplement, Government Printing Office, Washington, D.C., 1999.
- Producer Prices and Price Indexes, U. S. Department of Labor, Bureau of Labor Statistics, Government Printing Office, Washington, D.C., 1957 through 1999.

### SECTION II: RELATED PUBLICATIONS

- Application Manual for Hydraulic Excavators and Shovels, 1st ed, Koehring Company, Milwaukee, Wisconsin, 1981.
- Bulletin B-300, Goodyear Tire and Rubber Company, Akron, Ohio, January 1998.
- Caterpillar Performance Handbook, 27th ed, Caterpillar Inc., Peoria, Illinois, 1996.
- Caterpillar Performance Handbook, 28th ed, Caterpillar Inc., Peoria, Illinois, 1997.

## SECTION II: RELATED PUBLICATIONS (Continued)

Caterpillar Performance Handbook, 29th ed, Caterpillar Inc., Peoria, Illinois, 1998.

Earthmoving Principles, International Harvester, Pay Line Division, Schaumburg, Illinois, 1975.

Euclid Hauler Handbook, 14th ed, Euclid, Inc., Cleveland, Ohio, 1981.

Fundamentals of Earthmoving, Caterpillar Tractor Company, Peoria, Illinois, 1975.

Green Guide for Off-Highway Trucks and Trailers, Dataquest, Inc., San Jose, California, 1999.

Green Guide Volume I, Dataquest, Inc., San Jose, California, 1997.

Green Guide Volume II, Dataquest, Inc., San Jose, California, 1999.

Handbook of Heavy Construction, Have, J. A., and F. W. Stubbs Jr., 2nd ed, McGraw-Hill Company, New York, 1971.

Means 1999 Labor Rates for the Construction Industry, 26th ed., R. S. Means Company, Inc., Kingston, Massachusetts.

Moving the Earth, Nichols, H. L., Jr., 3rd ed, North Castle Books, Greenwich, Connecticut, 1976.

Operating Cost Guide, Power Crane and shovel Association, Milwaukee, Wisconsin, 1976.

Owning and Operating Costs, Fiat-Allis Construction Machinery, Inc., Springfield, Illinois, 1983.

Production and Cost Estimating of Material Movement with Earthmoving Equipment, Terex Corporation, Hudson, Ohio, 1981.

## SECTION III: EFAR REFERENCE

### EFARS PART 31 CONTRACT COST PRINCIPLE AND PROCEDURES EAC 95-6

#### SUBPART 31.1 -- APPLICABILITY

##### **31.105 Construction and Architect-Engineer Contracts.**

(d)(2)(i)(b) In this case, equipment ownership and operating costs shall be determined using the Construction Equipment Ownership and Operating Expense Schedule published by the U.S. Army Corps of Engineers.

##### **31.105-100 Contract clause.**

The contracting officer shall insert the statement at 52.231-5000 in all solicitations and contracts for construction within the United States that are expected to exceed the small purchase threshold.

##### **EFARS Clause - 52.231-5000 Equipment ownership and operating expense schedule.**

As prescribed in 31.105.100, insert the following clause in all solicitations and contracts for construction that are expected to exceed the small purchase threshold.

##### EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE (MAR 1995) -EFARS

(a) This clause does not apply to terminations. See 52.249-5000, Basis for settlement of proposals and FAR Part 49.

(b) Allowable cost for construction and marine plant and equipment in sound workable condition owned or controlled and furnished by a contractor or subcontractor at any tier shall be based on actual cost data for each piece of equipment or groups of similar serial and series for which the Government can determine both ownership and operating costs from the contractor's accounting records. When both ownership and operating costs cannot be determined for any piece of equipment or groups of similar serial or series equipment from the contractor's accounting records, costs for that equipment shall be based upon the applicable provisions of EP 1110-1-8, Construction Equipment Ownership and Operating Expense Schedule, Region *[insert Roman numeral for the appropriate region of the schedule]*. Working conditions shall be considered to be average for determining equipment rates using the schedule unless specified work was performed shall apply.

**SECTION III: EFAR REFERENCE** (Continued)

otherwise by the contracting officer. For equipment not included in the schedule, rates for comparable pieces of equipment may be used or a rate may be developed using the formula provided in the schedule. For forward pricing, the schedule in effect at the time of negotiations shall apply. For retroactive pricing, the schedule in effect at the time the

(c) Equipment rental costs are allowable, subject to the provisions of FAR 31.105(d)(ii) and FAR 31.205-36. Rates for equipment rented from an organization under common control, lease-purchase arrangements, and sale-leaseback arrangements, will be determined using the schedule, except that actual rates will be used for equipment leased from an organization under common control that has an established practice of leasing the same or similar equipment or unaffiliated lessees.

(d) When actual equipment costs are proposed and the total amount of the pricing action exceeds the small purchase threshold, the contracting officer shall request the contractor to submit either certified cost or pricing data, or partial/limited data, as appropriate. The data shall be submitted on Standard Form 1411, Contract Pricing Proposal Cover Sheet.

## SECTION IV. GOVERNMENT BOOKSTORES

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| Volume No.            | Volume No. 1 through No. 12  |

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**SECTION IV. GOVERNMENT BOOKSTORES** (Continued)

NEW YORK: Room 2-120, Federal Building, 26 Federal Plaza, New York, NY 10278  
(212) 264-3825

PHILADELPHIA: Robert Morris Building, 100 North 17th Street, Philadelphia, PA 19103  
(215) 636-1900

PITTSBURGH: Room 118, Federal Building, 1000 Liberty Avenue, Pittsburgh, PA 15222  
(412) 395-5021

PORTLAND: 1305 S.W. First Avenue, Portland, OR 97201  
(503) 221-6217

PUEBLO: Norwest Banks Building, 201 W. 8th Street, Pueblo, CO 81003  
(719) 544-3142

SAN FRANCISCO: Marathon Plaza, Room 141-S, 303 2nd Street, San Francisco, CA  
94107 (415) 512-2770

SEATTLE: Room 194, Federal Building, 915 Second Avenue, Seattle, WA 98174  
(206) 553-4270

Use this blank worksheet to compute rates for equipment that are not in this pamphlet.

**1. EQUIPMENT INFORMATION & EXPENSE FACTORS**

For ID No: \_\_\_\_\_

a. Equipment Specification Data:

- (1) Equipment Description: \_\_\_\_\_
- (2) Model and Series: \_\_\_\_\_
- (3) Present Year or Year of Use: \_\_\_\_\_
- (4) Year Manufactured: \_\_\_\_\_
- (5) Horsepower - Equipment: \_\_\_\_\_
- (6) Horsepower - Carrier: \_\_\_\_\_
- (7) Fuel type: - Equipment: gas / diesel off-road / diesel on-road / electric / air \_\_\_\_\_  
- Carrier: gas / diesel off-road / diesel on-road / electric / air \_\_\_\_\_
- (8) Shipping Weight (CWT): \_\_\_\_\_
- (9) Tire size and number of tires:(Cost of tires based on present year - see 1.a.(3) & APPENDIX F)
  - (a) Front: No.: \_\_\_\_\_ Size/Ply: \_\_\_\_\_ Cost: \$ \_\_\_\_\_
  - (b) Drive: No.: \_\_\_\_\_ Size/Ply: \_\_\_\_\_ Cost: \$ \_\_\_\_\_
  - (c) Trailing: No.: \_\_\_\_\_ Size/Ply: \_\_\_\_\_ Cost: \$ \_\_\_\_\_
  - (d) Total Tire Cost: \$ \_\_\_\_\_

**USE APPENDIX D TO COMPLETE THE FOLLOWING DATA:**

- b. Category and Sub-category Number: \_\_\_\_\_
- c. Hourly Expense Calculation Factors:
  - (1) Economic Key (E K): \_\_\_\_\_
  - (2) Condition (C): \_\_\_\_\_ Average or Severe
  - (3) Discount Code (DC): B = 7.5% (0.075) - or - S = 15.0% (0.15) \_\_\_\_\_
  - (4) Life in Hours (LIFE): \_\_\_\_\_
  - (5) Salvage Value Percentage (SLV): \_\_\_\_\_
  - (6) Fuel Factor - Equipment (E G D): \_\_\_\_\_
  - (7) Fuel Factor - Carrier (E G D): \_\_\_\_\_
  - (8) FOG Factor (E G D): \_\_\_\_\_
  - (9) Tire Wear Factor:
    - (a) Front (FT): \_\_\_\_\_
    - (b) Drive (DT): \_\_\_\_\_
    - (c) Trailing (TT): \_\_\_\_\_
  - (10) Repair Cost Factor (RCF): \_\_\_\_\_

## 2. EQUIPMENT VALUE

a. List Price + Accessories: (at Year of Manufacture) = \$ \_\_\_\_\_

(1) Discount: ( List Price + Accessories ) x ( Discount Code )  
[ 1.c.(3) ]

( \_\_\_\_\_ ) x ( \_\_\_\_\_ ) = -(\$ \_\_\_\_\_ )

(2) Subtotal [ 2.a. ] - [ 2.a.(1) ] S/T = \$ \_\_\_\_\_

(3) Sales or Import Tax: ( Subtotal ) x ( Tax Rate )  
[ 2.a.(2) ] [ APPENDIX B ]

( \_\_\_\_\_ ) x ( \_\_\_\_\_ ) = +\$ \_\_\_\_\_

(4) Total Discounted Price: Subtotal: [2.a.(2)] + [2.a.(3)] S/T = \$ \_\_\_\_\_

b. Freight: ( Shipping Weight ) x ( Freight Rate per CWT )  
[ 1.a.(8) ] [ APPENDIX B ]

( \_\_\_\_\_ CWT ) x ( \_\_\_\_\_ ) = +\$ \_\_\_\_\_

c. TOTAL EQUIPMENT VALUE (TEV): [ (2.a.(4)) + (2.b) ] 2. TOTAL: = \$ \_\_\_\_\_

(See Chapter 3 for used and overage equipment rate adjustments.)

## 3. DEPRECIATION PERIOD (N)

a. ( LIFE ) / ( Working Hours Per Year ( WHPY ) ) = N  
[ 1.c.(4) ] [ APPENDIX B ]

( \_\_\_\_\_ Hrs ) / ( \_\_\_\_\_ Hrs/Yr ) 3. TOTAL: = \_\_\_\_\_ Yrs(N)

## 4. OWNERSHIP COST

a. Depreciation

(1) Tire Cost Index ( TCI ):

( Tire Index, Yr of Mfgr ) / Tire Index, Based on 1a.(3)) = Tire Cost Index ( TCI )  
[ APPENDIX E, EK=100 ] [ APPENDIX E, EK=100 ]

( \_\_\_\_\_ ) / ( \_\_\_\_\_ ) = \_\_\_\_\_ ( TCI )

(2) [ ( TEV ) x [ 1.0 - (SLV) ] - [ ( TCI ) x ( Tire Cost ) ] ] / ( LIFE )  
[ 2.c. ] [ 1.c.(5) ] [ 4.a. (1) ] [ 1.a.(9)(d) ] [ 1.c.(4) ]

[ ( \_\_\_\_\_ ) x [ 1.0 - ( \_\_\_\_\_ ) ] - [ ( \_\_\_\_\_ ) x ( \_\_\_\_\_ ) ] ] / ( \_\_\_\_\_ )  
= \$ \_\_\_\_\_ /Hr

**4. OWNERSHIP COST (Continued)**

**b. Facilities Capital Cost of Money (FCCM):**

$$(1) \left[ \left( \frac{N}{[3.a.]} \right) - 1.0 \right] \times \left[ 1.0 + \frac{(SLV)}{[1.c.5.]} + 2.0 \right] / \left[ 2.0 \times \left( \frac{N}{[3.a.]} \right) \right] = \text{Avg Value Factor (AVF)}$$

$$\left[ \left( \text{Yrs} - 1.0 \right) \times \left[ 1.0 + \left( \frac{\quad}{\quad} \right) \right] + 2.0 \right] / \left[ 2.0 \times \left( \text{Yrs} \right) \right] = \text{AVF}$$

$$(2) \left( \frac{TEV}{[2.c.]} \right) \times \left( \frac{AVF}{[4.b.(1)]} \right) \times \left( \frac{\text{Adjusted Cost-of-Money}}{[APPENDIX B]} \right) / \left( \frac{WHPY}{[APPENDIX B]} \right)$$

$$\left( \frac{\quad}{\quad} \right) \times \left( \frac{\quad}{\quad} \right) \times \left( \frac{\quad}{\quad} \right) / \left( \frac{\quad}{\quad} \text{Hrs/Yr} \right) = \$ \frac{\quad}{\quad} / \text{Hr}$$

**c. TOTAL HOURLY OWNERSHIP COST:**  
[ 4.a.(2) ] + [ 4.b.(2) ]

**4. TOTAL:** = \$            /Hr

**5. OPERATING COST**

**a. Fuel Cost:**

**(1) Equipment:**

$$\left( \frac{\text{Fuel Factor}}{[1.c.(6)]} \right) \times \left( \frac{\text{Horsepower}}{[1.a.(5)]} \right) \times \left( \frac{\text{Fuel Cost Per Gallon}}{[APPENDIX B]} \right)$$

$$\left( \frac{\quad}{\quad} \right) \times \left( \frac{\quad}{\quad} \text{HP} \right) \times \left( \frac{\quad}{\quad} / \text{Gal} \right) = \$ \frac{\quad}{\quad} / \text{Hr}$$

**(2) Carrier:**

$$\left( \frac{\text{Fuel Factor}}{[1.c.(7)]} \right) \times \left( \frac{\text{Horsepower}}{[1.a.(6)]} \right) \times \left( \frac{\text{Fuel Cost Per Gallon}}{[APPENDIX B]} \right)$$

$$\left( \frac{\quad}{\quad} \right) \times \left( \frac{\quad}{\quad} \text{HP} \right) \times \left( \frac{\quad}{\quad} / \text{Gal} \right) = \$ \frac{\quad}{\quad} / \text{Hr}$$

**(3) Total Hourly Fuel Cost:** [ 5.a (1) ] + [ 5.a (2) ]      Total 5.a. = \$            /Hr

**b. FOG Cost:**

**(1) Equipment:**

$$\left( \frac{\text{FOG Factor}}{[1.c.(8)]} \right) \times \left( \frac{\text{Equipment Fuel Cost}}{[5.a.(1)]} \right) \times \left( \frac{LAF}{[APPENDIX B]} \right)$$

$$\left( \frac{\quad}{\quad} \right) \times \left( \frac{\quad}{\quad} / \text{Hr} \right) \times \left( \frac{\quad}{\quad} \right) = \$ \frac{\quad}{\quad} / \text{Hr}$$

## 5. OPERATING COST (Continued)

(2) Carrier:

$$\left( \begin{array}{c} \text{FOG Factor} \\ [1.c.(8)] \end{array} \right) \times \left( \begin{array}{c} \text{Carrier Fuel Cost} \\ [5.a.(2)] \end{array} \right) \times \left( \begin{array}{c} \text{LAF} \\ [APPENDIX B] \end{array} \right)$$

$$\left( \underline{\hspace{2cm}} \right) \times \left( \underline{\hspace{2cm}} / \text{Hr} \right) \times \left( \underline{\hspace{2cm}} \right) = \$ \underline{\hspace{2cm}} / \text{Hr}$$

(3) Total Hourly FOG Cost:  
[ (5.b.(1)) + (5.b.(2)) ]

Total 5.b. = \$                      /Hr

c. Alternative Fuel/FOG Cost:

(See Chapter 2, paragraph 24.d. for guidance on when to use.)

Total 5.c. = \$                      /Hr

d. Repair Cost:

(1) Economic Adjustment Factor (EAF) :  
(EK is from [1 c. (1)])

$$\left( \begin{array}{c} \text{Economic Index for Year 1a.(3)} \\ [APPENDIX E] \end{array} \right) / \left( \begin{array}{c} \text{Economic Index for Year 1a.(4)} \\ [APPENDIX E] \end{array} \right)$$

$$\left( \underline{\hspace{2cm}} \right) / \left( \underline{\hspace{2cm}} \right) = \underline{\hspace{2cm}} \text{ (EAF)}$$

(See TABLE 3-2 for last year of economic life)

(2) Repair Factor (RF):

$$\left( \begin{array}{c} \text{RCF} \\ [1.c.(10)] \end{array} \right) \times \left( \begin{array}{c} \text{EAF} \\ [5.d.(1).] \end{array} \right) \times \left( \begin{array}{c} \text{LAF} \\ [APPENDIX B] \end{array} \right) = \text{Repair Factor (RF)}$$

$$\left( \underline{\hspace{2cm}} \right) \times \left( \underline{\hspace{2cm}} \right) \times \left( \underline{\hspace{2cm}} \right) = \underline{\hspace{2cm}} \text{ (RF)}$$

(3) Repair Cost

$$\left[ \left( \begin{array}{c} \text{TEV} \\ [2.c.] \end{array} \right) - \left[ \left( \begin{array}{c} \text{TCI} \\ [4.a.(1)] \end{array} \right) \times \left( \begin{array}{c} \text{Tire Cost} \\ [1.a.(9)(d)] \end{array} \right) \right] \right] \times \left( \begin{array}{c} \text{RF} \\ [5.d.(2)] \end{array} \right) / \left( \begin{array}{c} \text{LIFE} \\ [1.c.(4)] \end{array} \right)$$

$$\left[ \left( \underline{\hspace{2cm}} \right) - \left[ \left( \underline{\hspace{2cm}} \right) \times \left( \underline{\hspace{2cm}} \right) \right] \right] \times \left( \underline{\hspace{2cm}} \right) / \left( \underline{\hspace{2cm}} \right)$$

(4) Total Hourly Repair Cost:

Total 5.d. = \$                      /Hr

**5. OPERATING COST (Continued)**

e. Tire Wear Cost: (Use current price levels. See APPENDIX F.)

(1) Front Tires:

$$\frac{[ 1.5 \times (\text{FT Cost}) ]}{[ 1.a.(9)(a) ]} \div \frac{[ 1.8 \times (\text{FT Wear Factor}) \times (\text{Maximum Tire Life/Hrs}) ]}{[ 1.c.(9)(a) ] \quad [ \text{APPENDIX G} ]}$$

$$\frac{[ 1.5 \times (\text{_____}) ]}{[ 1.8 \times (\text{_____}) \times (\text{_____}/\text{Hrs}) ]} = \$ \text{_____}/\text{Hr}$$

(2) Drive Tires:

$$\frac{[ 1.5 \times (\text{DT Cost}) ]}{[ 1.a.(9)(b) ]} \div \frac{[ 1.8 \times (\text{DT Wear Factor}) \times (\text{Maximum Tire Life/Hrs}) ]}{[ 1.c.(9)(b) ] \quad [ \text{APPENDIX G} ]}$$

$$\frac{[ 1.5 \times (\text{_____}) ]}{[ 1.8 \times (\text{_____}) \times (\text{_____}/\text{Hrs}) ]} = \$ \text{_____}/\text{Hr}$$

(3) Trailing Tires:

$$\frac{[ 1.5 \times (\text{TT Cost}) ]}{[ 1.a.(9)(c) ]} \div \frac{[ 1.8 \times (\text{TT Wear Factor}) \times (\text{Maximum Tire Life/Hrs}) ]}{[ 1.c.(9)(c) ] \quad [ \text{APPENDIX G} ]}$$

$$\frac{[ 1.5 \times (\text{_____}) ]}{[ 1.8 \times (\text{_____}) \times (\text{_____}/\text{Hrs}) ]} = \$ \text{_____}/\text{Hr}$$

(4) Total Tire Wear Cost:

[ Sum 5.e.(1) through 5.e.(3) ]

Total 5.e. = \$ \_\_\_\_\_/Hr

f. Tire Repair Cost:

$$(\text{Total Tire Wear Cost}) \times 0.15 \times (\text{LAF})$$

[ 5.e.(4) ] [ APPENDIX B ]

$$(\text{_____}) \times 0.15 \times (\text{_____}) \quad \text{Total 5.f.} = \$ \text{_____}/\text{Hr}$$

**g. TOTAL HOURLY OPERATING COST:**

[ Sum 5.a. through 5.f. ]

**5. TOTAL: = \$ \_\_\_\_\_/Hr**

## 6. HOURLY RATES

### a. Total Hourly Rate: *(based on 40 hours per week)*

$$\begin{matrix} \text{( Ownership Cost )} & + & \text{( Operating Cost )} \\ \text{[ 4.c. ]} & & \text{[ 5.g ]} \end{matrix}$$

$$\text{( _____/Hr )} + \text{( _____/Hr )}$$

$$= \$ \text{ _____/Hr}$$

### b. Other Work Shifts Hourly Rate :

*(Refer to Chapter 3, Adjustments to Rates, for methodology.)*

$$\begin{matrix} \text{[ ( Depreciation )} & + & \text{[ ( FCCM )} & \times & \text{( 40 hrs/wk )} & / & \text{( Work Hrs/wk )} & \text{] + (Operating Cost) ]} \\ \text{[ 4. a. (2) ]} & & \text{[ 4. b. (2) ]} & & & & \text{( example: 60 hrs/wk)} & \text{[ 5.g ]} \end{matrix}$$

$$\text{[ ( _____/Hr )} + \text{[ ( _____/ Hr )} \times \text{( 40 Hrs/wk )} / \text{( _____ Hrs/wk )} \text{] + ( _____/Hr )}$$

$$= \$ \text{ _____/Hr}$$

### c. Standby Hourly Rate:

$$\begin{matrix} \text{[ ( Depreciation )} & \times & \text{0.50 ]} & + & \text{( FCCM )} \\ \text{[ 4.a.(2) ]} & & & & \text{[ 4.b.(2) ]} \end{matrix}$$

$$\text{[ ( _____/Hr )} \times \text{0.50 ]} + \text{( _____/Hr)}$$

$$= \$ \text{ _____/Hr}$$

**See Chapter 3 if rate adjustments are necessary.**

**APPENDIX B**  
**AREA FACTORS**

*HAWAII*

**Region:** 10

---

|  |                |
|--|----------------|
| Total State Sales or Import Tax Rate:  | 4.17%          |
| Working Hours Per Year (WHPY):         | 1,480 hrs/yr   |
| Labor Adjustment Factor (LAF):         | 1.21           |
| Electricity Cost Per Kilowatt-Hour:    | \$0.124 /kW-Hr |
| Gasoline Cost Per Gallon:              | \$1.40 /gal    |
| Diesel Cost Per Gallon (Off-Road Use): | \$0.84 /gal    |
| Diesel Cost Per Gallon (On-Road Use):  | \$1.40 /gal    |
| Cost-of-Money Rate (Full Rate):        | 5.000%         |
| Cost-of-Money Rate (Adjusted):         | 4.000%         |

**Freight Rates**

|      |     |     |      |        |         |
|------|-----|-----|------|--------|---------|
| over | 0   | cwt | thru | 240    | \$22.44 |
| over | 240 | cwt | thru | 300    | \$20.84 |
| over | 300 | cwt | thru | 400    | \$19.50 |
| over | 400 | cwt | thru | 500    | \$18.38 |
| over | 500 | cwt | thru | 700    | \$17.43 |
| over | 700 | cwt | thru | 800    | \$17.43 |
| over | 800 | cwt | thru | 99,999 | \$17.37 |



## AREA FACTORS FOR ALL REGIONS

**Below is a listing of all regional area factors for reference only. The area factor's used for this pamphlet are loacted on previous page B-1.**

|     |              |      |       |      |      |         |        |        |        | Freight Cost |             |             |             |             |             |             |         |     |         |     |         |        |         |
|-----|--------------|------|-------|------|------|---------|--------|--------|--------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|-----|---------|-----|---------|--------|---------|
| Reg |              | SST  | WHPY  | LAF  | Elec | Gas     | D-Off  | D-On   |        | Thru CWT \$  | Thru CWT \$ | Thru CWT \$ | Thru CWT \$ | Thru CWT \$ | Thru CWT \$ | Thru CWT \$ |         |     |         |     |         |        |         |
| 1   | NORTHEAST    | 1999 | 5.60% | 1360 | 1.15 | \$0.101 | \$1.06 | \$0.86 | \$1.10 | 240          | \$16.78     | 300         | \$11.88     | 400         | \$7.78      | 500         | \$5.92  | 700 | \$4.44  | 800 | \$4.44  | 99,999 | \$4.77  |
| 2   | MIDEAST      | 1999 | 5.40% | 1450 | 1.03 | \$0.068 | \$1.01 | \$0.79 | \$1.04 | 240          | \$9.49      | 300         | \$7.79      | 400         | \$6.31      | 500         | \$5.02  | 700 | \$3.54  | 800 | \$3.54  | 99,999 | \$3.25  |
| 3   | SOUTHEAST    | 1999 | 7.30% | 1530 | 0.85 | \$0.065 | \$0.94 | \$0.74 | \$0.99 | 240          | \$12.57     | 300         | \$10.18     | 400         | \$8.14      | 500         | \$6.39  | 700 | \$4.46  | 800 | \$4.46  | 99,999 | \$4.05  |
| 4   | NORTHCENTRAL | 1999 | 5.40% | 1260 | 1.03 | \$0.063 | \$1.08 | \$0.81 | \$1.06 | 240          | \$10.47     | 300         | \$8.11      | 400         | \$6.28      | 500         | \$4.83  | 700 | \$3.33  | 800 | \$3.33  | 99,999 | \$3.23  |
| 5   | MIDWEST      | 1999 | 7.10% | 1400 | 0.96 | \$0.062 | \$0.97 | \$0.80 | \$1.04 | 240          | \$13.21     | 300         | \$8.48      | 400         | \$5.65      | 500         | \$3.20  | 700 | \$2.46  | 800 | \$2.46  | 99,999 | \$2.36  |
| 6   | SOUTHWEST    | 1999 | 8.20% | 1590 | 0.88 | \$0.067 | \$0.99 | \$0.74 | \$0.98 | 240          | \$10.14     | 300         | \$8.01      | 400         | \$6.27      | 500         | \$4.84  | 700 | \$3.33  | 800 | \$3.33  | 99,999 | \$3.29  |
| 7   | WEST         | 1999 | 7.50% | 1630 | 1.19 | \$0.075 | \$1.11 | \$0.92 | \$1.16 | 240          | \$15.38     | 300         | \$11.80     | 400         | \$8.95      | 500         | \$6.68  | 700 | \$4.44  | 800 | \$4.44  | 99,999 | \$4.31  |
| 8   | NORTHWEST    | 1999 | 4.50% | 1540 | 1.11 | \$0.047 | \$1.11 | \$0.92 | \$1.17 | 240          | \$16.49     | 300         | \$12.74     | 400         | \$9.72      | 500         | \$7.31  | 700 | \$4.89  | 800 | \$4.89  | 99,999 | \$4.83  |
| 9   | ALASKA       | 1999 | 0.00% | 1040 | 1.24 | \$0.094 | \$1.20 | \$1.00 | \$1.24 | 240          | \$21.32     | 300         | \$19.27     | 400         | \$17.50     | 500         | \$15.96 | 700 | \$14.61 | 800 | \$14.61 | 99,999 | \$13.75 |
| 10  | HAWAII       | 1999 | 4.17% | 1480 | 1.21 | \$0.124 | \$1.40 | \$0.84 | \$1.40 | 240          | \$22.44     | 300         | \$20.84     | 400         | \$19.50     | 500         | \$18.38 | 700 | \$17.43 | 800 | \$17.43 | 99,999 | \$17.37 |
| 11  | PUERTO RICO  | 1999 | 6.60% | 1560 | 0.75 | \$0.048 | \$1.05 | \$0.97 | \$1.19 | 240          | \$22.87     | 300         | \$21.72     | 400         | \$20.70     | 500         | \$19.80 | 700 | \$19.00 | 800 | \$19.00 | 99,999 | \$18.30 |
| 12  | KWAJALEIN    | 1999 | 4.17% | 1390 | 1.15 | \$0.124 | \$0.84 | \$0.85 | \$0.85 | 240          | \$22.44     | 300         | \$20.84     | 400         | \$19.50     | 500         | \$18.38 | 700 | \$17.43 | 800 | \$17.43 | 99,999 | \$17.37 |

**SST = State Sales tax**      **WHPY = Work Hours Per Year**      **LAF = Labor Adjustment Factor**      **Elec = Electricity Cost Per kW-Hr**  
**Gas = Gasoline Cost per Gal**      **D-Off = Diesel-Off Road Cost per Gal**      **D-On = Diesel-On Road Cost per Gal**      **CWT = Hundred Pounds**

| <b>APPENDIX C</b>   |  |  |
|---|--|--|
| <b>GUIDE FOR SELECTING OPERATING CONDITIONS</b>   |  |  |
| <b>EQUIPMENT TYPE</b>   | <b>AVERAGE</b>   | <b>SEVERE</b>  |
| <p><b><u>B25 &amp; B35:</u></b><br/>           Buckets<br/>               Clamshell or<br/>               Dragline</p> <p>Depreciation Period :</p>   | <p>Working in gravels, silts, and sands at low impact fresh water environment.</p> <p>8,000 - 10,000 hours</p> | <p>Working in rock, hard digging, high impact or salt water environment.</p> <p>6,500 - 8,000 hours</p>  |
| <p><b><u>C80, C90:</u></b><br/>           Cranes<br/>               Hydraulic, Truck<br/>               Mounted<br/>               Mechanical, Truck<br/>               Mounted</p> <p>Depreciation Period:</p> | <p>Lift less than rated capacity, intermittent duty.</p> <p>14,000 - 20,000 hours</p>                          | <p>Continuous lift near rated capacity, excessive swing, abrasive materials, sloped surfaces, salt water environment.</p> <p>12,000 - 18,000 hours</p> |
| <p><b><u>C85:</u></b><br/>           Cranes, Mechanical<br/>               Dragline, Lifting, or<br/>               Clamshell<br/>               Crawler Mounted</p> <p>Depreciation Period :</p>               | <p>Gravels, silts, pull and lift less than rated capacity.</p> <p>12,000 - 20,000 hours</p>                    | <p>Highly abrasive materials, impact breakout, continuous load near rated capacity. Salt water environment.</p> <p>10,000 - 18,000 hours</p>           |
| <p><b><u>G10:</u></b><br/>           Generators</p> <p>Depreciation Period:</p>   | <p>Working below rated capacity, good field conditions.</p> <p>8,000 - 10,000 hours</p>                        | <p>Working at or above rated capacity, poor field conditions, such as salt water.</p> <p>7,000 - 8,000 hours</p>                                       |

| <b>GUIDE FOR SELECTING OPERATING CONDITIONS</b>  |   |   |
|--|---|---|
| <b>EQUIPMENT TYPE</b>  | <b>AVERAGE</b>  | <b>SEVERE</b>   |
| <p><b><u>G15:</u></b><br/> Graders, Motor</p> <p>Depreciation Period:</p>                            | <p>Haul road maintenance. Road construction, ditching. Loose fill spreading. Landforming, landleveling. Summer road maintenance with medium to heavy winter snow removal. Elevating grader use.</p> <p>14,000 hours</p>   | <p>Maintenance of hard packed roads with embedded rock. Heavy fill spreading. Ripping-scarifying of asphalt or concrete. Continuous high load factor. High impact.</p> <p>12,000 hours</p>  |
| <p><b><u>H25:</u></b><br/> Hydraulic Excavators<br/> Crawler Mounted</p> <p>Depreciation Period:</p> | <p>Clay, earth digging, no breakout impact, easy continuous or intermittent duty. Mass excavation or trenching where machine digs all the time in natural bed clay soils. Some traveling and steady, full throttle operation. Most log loading applications.</p> <p>10,000 - 18,000 hours</p> | <p>Rock work, pull near rated capacity, uneven surface, impact breakout, abrasive materials. Continuous trenching or truck loading in rock or shot rock soils. Large amount of travel over rough ground. Machine continuously working on rock floor with constant high load factor and high impact. Salt water environment.</p> <p>8,000 - 15,000 hours</p> |
| <p><b><u>H30:</u></b><br/> Hydraulic Excavators<br/> Wheel Mounted</p> <p>Depreciation Period:</p>   | <p>Continuous digging in sandy clay/sandy gravel, site development, and lumber yard applications.</p> <p>8,000 - 10,000 hours</p>   | <p>Continuous digging in rock/natural bed clay, high impact, using hammer, working in forests or quarries.</p> <p>6,500 - 8,000 hours</p>   |

| GUIDE FOR SELECTING OPERATING CONDITIONS  |  |  |
|---|--|--|
| EQUIPMENT TYPE  | AVERAGE  | SEVERE   |
| <p><b>H35:</b><br/>           Hydraulic Shovels<br/>           Crawler Mounted<br/>           (nonelectric)</p> <p>Depreciation Period:</p> | <p>Gravels, silts, well broken rock, lift less than rated capacity. Continuous loading in well-shot rock or fairly tight bank. Good underfoot conditions; dry floor, little impact or sliding on undercarriage.</p> <p>14,000 - 18,000 hours</p> | <p>Extremely abrasive tough materials, lifting near rated capacity, impact breakout. Continuous loading in poorly-shot rock, lightly blasted tight banks, e.g. shales, caliches, cemented gravels, etc. Adverse underfoot conditions: rough floors, high impact sliding on undercarriage. Salt water environment.</p> <p>12,000 - 16,000 hours</p> |
| <p><b>L10:</b><br/>           Land Clearing Equipment</p> <p>Depreciation Period:</p>   | <p>Working in low impact conditions at or below rated capacity.</p> <p>10,000 hours</p>  | <p>High impact conditions working at or above rated capacity.</p> <p>7,000 hours</p>   |
| <p><b>L30:</b><br/>           Loaders, Belt</p> <p>Depreciation Period:</p>   | <p>Working below rated capacity, with intermittent service.</p> <p>10,000 hours</p>  | <p>Working at or above rated capacity with continuous service.</p> <p>8,000 hours</p>  |

| <b>GUIDE FOR SELECTING OPERATING CONDITIONS</b>   |   |   |
|---|---|---|
| <b>EQUIPMENT TYPE</b>   | <b>AVERAGE</b>  | <b>SEVERE</b>   |
| <p><b><u>L35:</u></b><br/>           Loaders, Front End<br/>           Crawler Type</p> <p>Depreciation Period:</p>   | <p>Bank excavation, intermittent ripping, basement digging of natural bed clays, sands, silts, gravels. Some traveling. Steady full throttle operations.</p> <p>8,000 - 10,000 hours</p>  | <p>Loading shot rock, cobbles. High density materials in standard bucket. Continuous work on rock surfaces. Large amount of ripping of tight rock materials. High impact conditions. Salt water environment.</p> <p>6,000 - 8,000 hours</p>   |
| <p><b><u>L40:</u></b><br/>           Loaders, Front End<br/>           Wheel Type<br/>           (does not include skid steer &amp; tool carriers)</p> <p>Depreciation Period :</p> | <p>Continuous truck loading from stockpile. Low to medium density materials in properly sized bucket. Hopper charging in low to medium rolling resistance. Loading from bank in good digging. Load and carry on poor surfaces and slight adverse grades.</p> <p>10,000 - 13,000 hours</p> | <p>Loading shot rock (large loaders). Handling high density materials with counterweighted machine. Steady loading from very tight banks. Continuous work on rough or very soft surfaces. Load and carry in hard digging; travel longer distances on poor surfaces with adverse grades. Salt water environment.</p> <p>8,000 - 10,000 hours</p> |
| <p><b><u>L45 &amp; L50:</u></b><br/>           Loaders with Backhoe<br/>           Crawler Type and<br/>           Wheel Type</p> <p>Depreciation Period:</p>                       | <p>Utility applications in medium to heavy soil. Occasional use of constant flow implements. Dig depths to 3.05m (10 ft.).</p> <p>10,000 hours</p>  | <p>Production applications or digging in rock. Regular use of constant flow implements. Dig depths over 3.05m (10 ft.).</p> <p>6,000 - 8,000 hours</p>  |

| <b>GUIDE FOR SELECTING OPERATING CONDITIONS</b>  |   |  |
|--|---|--|
| <b>EQUIPMENT TYPE</b>  | <b>AVERAGE</b>  | <b>SEVERE</b>  |
| <p><b><u>L60:</u></b><br/> Log Skidders</p> <p>Depreciation Period:</p>  | <p>Continuous turning, steady skidding for medium distances with moderate decking. Good underfooting: dry floor with few stumps and gradual rolling terrain.</p> <p>8,000 hours</p> | <p>Continuous turning, steady skidding for long distances with frequent decking. Poor underfoot conditions: wet floor, steep slopes, and numerous stumps. Salt water environment.</p> <p>7,000 hours</p> |
| <p><b><u>M10 - .31 &amp; .32 :</u></b><br/> Clamshell dredges<br/> &lt; 5 cy<br/> Amphibious Excavator</p> <p>Depreciation Period:</p>                               | <p>Gravels, silts, breakout force at less than capacity, fresh water conditions.</p> <p>12,000 - 20,000 hours</p>   | <p>Rock, abrasive materials, load at rated capacity, salt water conditions.</p> <p>10,000 - 18,000 hours</p>   |
| <p><b><u>M10 - .51, .52, &amp; .53 :</u></b><br/> Boats, Skiffs, Crew<br/> Boats, Work Boats,<br/> Survey Boats &amp;<br/> Launches</p> <p>Depreciation Period :</p> | <p>Fresh water applications, light waves, steady to light use.</p> <p>12,000 - 14,000 hours</p>   | <p>Salt water use, medium to high waves, heavy use.</p> <p>10,000 - 12,000 hours</p>   |
| <p><b><u>P35:</u></b><br/> Pipelayers</p> <p>Depreciation Period :</p>   | <p>Typical pipelayer use in operating conditions ranging from very good to severe.</p> <p>15,000 hours</p>  | <p>Continuous use in deep mud or water or on rock surfaces.</p> <p>10,000 hours</p>  |
| <p><b><u>R10:</u></b><br/> Rippers and Bank Slopers</p> <p>Depreciation Period :</p>   | <p>Light rock medium breakout force required.</p> <p>8,000 hours</p>  | <p>Hard rock, excessive wear due to high breakout force.</p> <p>6,500 hours</p>  |

| <b>GUIDE FOR SELECTING OPERATING CONDITIONS</b>  |  |   |
|--|--|---|
| <b>EQUIPMENT TYPE</b>  | <b>AVERAGE</b>   | <b>SEVERE</b>   |
| <p><b><u>S10, S15, S20, &amp; S25:</u></b><br/> Scrapers<br/> Self-Propelled<br/> Tractor Drawn<br/> Soil Stabilizers</p> <p>Depreciation Period :</p> | <p>Varying loading and haul road conditions. Long and short hauls. Adverse and favorable grades. Some impact. Typical road-building use on a variety of jobs.</p> <p>10,000 - 17,000 hours</p>   | <p>High impact conditions, such as loading ripped rock. Continuous high total resistance conditions. Rough haul roads. Overloading.</p> <p>8,000 - 12,000 hours</p>                           |
| <p><b><u>T15:</u></b><br/> Tractors<br/> Crawler (Dozer)</p> <p>Depreciation Period :</p>  | <p>Production dozing in clays, sands, gravels, and talus rock. Push-loading scrapers, borrow pit ripping, most land clearing and skidding applications. Medium impact conditions. Production landfill work.</p> <p>10,000 - 22,000 hours</p> | <p>Heavy rock ripping. Tandem ripping. Pushloading and dozing in hard rock. Work on rock surfaces. Continuous high impact conditions. Salt water environment.</p> <p>8,000 - 15,000 hours</p> |
| <p><b><u>T20:</u></b><br/> Tractors<br/> Wheel Type (Dozer)</p> <p>Depreciation Period :</p>   | <p>Production dozing, push-loading in clays, sands, silts, loose gravels. Shovel cleanup.</p> <p>12,000 hours</p>  | <p>Production dozing in rock. Push loading in rocky, boulder-strewn borrow pits. High impact conditions. Landfill compactor work.</p> <p>8,000 hours</p>                                      |

| <b>GUIDE FOR SELECTING OPERATING CONDITIONS</b>   |  |   |
|---|--|---|
| <b>EQUIPMENT TYPE</b>   | <b>AVERAGE</b>   | <b>SEVERE</b>   |
| <p><b><u>T30:</u></b><br/> Trenchers<br/> Chain &amp; Wheel<br/> Type</p> <p>Depreciation Period :</p>                        | <p>Working in sands and silts below rated capacity of the machine.</p> <p>8,000 - 10,000 hours</p>   | <p>Working in gravels and abrasive materials at or above the rated capacity of the machine.</p> <p>6,500 - 8,000 hours</p>  |
| <p><b><u>T45 &amp; T50:</u></b><br/> Truck Trailers<br/> Trucks, Highway</p> <p>Depreciation Period :</p>                     | <p>Varying loading and road conditions. Typical construction use on a variety of jobs.</p> <p>7,000 - 10,000 hours</p>   | <p>Consistently poor road conditions. Oversized loading equipment.</p> <p>5,500 - 7,000 hours</p>   |
| <p><b><u>T55 &amp; T60:</u></b><br/> Trucks, Off-Highway<br/> Trucks, Water,<br/> Off-Highway</p> <p>Depreciation Period:</p> | <p>Varying load and haul road conditions. High rolling resistance and poor traction during part of the job. Some adverse grades. Some impact loads. Typical use in road building, dam construction, open-pit mining, etc.</p> <p>12,000 - 25,000 hours</p> | <p>Continuous use on very poorly maintained haul roads, high rolling resistance and poor traction. Frequent adverse grades and high impact loads. Poorly attached loading equipment with continuous overloading.</p> <p>10,000 - 20,000 hours</p> |



| GUIDE FOR SELECTING OPERATING CONDITIONS  |  |  |
|---|--|--|
| EQUIPMENT TYPE  | AVERAGE  | SEVERE   |
| <p><b><u>T65 - .20 &amp; .40:</u></b><br/> Tunnel / Mining Equip-<br/> ment<br/> Tunnel Boring<br/> Machines<br/> Roadheaders<br/> Continuous Miners</p> <p>Depreciation Period :</p> | <p>Mining rock in average con-<br/> ditions, machine working<br/> below rated capacity.</p> <p>16,000 - 22,000 hours</p>   | <p>Mining hard rock in severe work-<br/> ing conditions, machine work-<br/> ing at rated capacity.</p> <p>14,000 - 20,000 hours</p>  |
| <p><b><u>W10 &amp; W15:</u></b><br/> Wagons<br/> Bottom Dump<br/> Rear Dump</p> <p>Depreciation Period :</p>  | <p>Varying load and haul road<br/> conditions. Long and short<br/> hauls. High rolling resistance<br/> and poor traction during part<br/> of the job. Some adverse<br/> grades. Some impact. Typi-<br/> cal road building use in a va-<br/> riety of jobs, dam construc-<br/> tion, openpit mining, etc.</p> <p>12,000 hours</p> | <p>Continuous use on very poorly<br/> maintained haul roads, high roll-<br/> ing resistance and poor traction.<br/> High impact conditions, such as<br/> loading ripped rock. Frequent<br/> adverse grades and high impact<br/> loads. Poorly matched loading<br/> equipment with continuous over-<br/> loading.</p> <p>10,000 hours</p> |

## APPENDIX D

### EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS

#### TABLE LEGEND

- EK** - Reference To Economic Index Key (see Appendix E).
- C** - Operating Conditions (A = average, S = severe).
- DC** - Discount Code on Equipment Cost (B = basic, S = special).  
Current Discount Rates: basic = 7.5%, special = 15%
- LIFE** - Equipment Life (hrs).
- SLV** - Equipment Salvage Value Percent (decimal format).
- HPF** - Horsepower Factor (for reference only).

#### **Fuel Factor - Equipment and Carrier**

- E** - Electric Consumption (kW/hp/hr).
- G** - Gasoline Consumption (gal/hp/hr).
- D** - Diesel Consumption (gal/hp/hr).

#### **FOG - Filters, Oil and Grease (decimal format)**

- E** - FOG Percent For Electric Power.
- G** - FOG Percent For Gasoline Power.
- D** - FOG Percent For Diesel Power.

#### **Tire Factors (decimal format)**

- FT** - Front Tire Wear Factor Percent.
- DT** - Drive Tire Wear Factor Percent.
- TT** - Trailing Tire Wear Factor Percent.

- RCF** - Repair Cost Factor Percent (decimal format).

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION                                      | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT FUEL FACTORS |      |      | CARRIER FUEL FACTORS |      |      | FOG FACTORS |      |      | TIRE WEAR FACTORS |      |      | RCF  |      |
|----------|------|--|----|---|----|--------|------|-----|------------------------|------|------|----------------------|------|------|-------------|------|------|-------------------|------|------|------|------|
|          |      |  |    |   |    |        |      |     | E                      | G    | D    | HPF                  | E    | G    | D           | E    | G    | D                 | FT   | DT   |      | TT   |
|          |      |  |    |   |    |        |      |     |                        |      |      |                      |      |      |             |      |      |                   |      |      |      |      |
| A10      | 0.00 | AGGREGATE / CHIP SPREADERS                       | 1  |   |    |        |      |     |                        |      |      |                      |      |      |             |      |      |                   |      |      |      |      |
| A10      | 0.10 | SELF-PROPELLED                                   | 10 | A | B  | 10,000 | 0.20 | 50  | .500                   | .050 | .026 | 0                    | .000 | .000 | .000        | .000 | .254 | .254              | 0.97 | 0.69 | 0.99 | 0.75 |
| A10      | 0.20 | TOWED & TAILGATE                                 | 10 | A | B  | 6,000  | 0.20 | 0   | .000                   | .000 | .000 | 0                    | .000 | .000 | .000        | .000 | .000 | .000              | 0.00 | 0.00 | 0.79 | 0.60 |
| A15      | 0.00 | AIR COMPRESSORS, PORTABLE                        | 1  |   |    |        |      |     |                        |      |      |                      |      |      |             |      |      |                   |      |      |      |      |
| A15      | 0.10 | ROTARY SCREW                                     | 5  | A | B  | 10,000 | 0.25 | 75  | .750                   | .075 | .039 | 0                    | .000 | .000 | .000        | .477 | .339 | .297              | 0.00 | 0.00 | 0.90 | 0.75 |
| A15      | 0.20 | SHOP TYPE  | 5  | A | B  | 12,000 | 0.20 | 75  | .750                   | .075 | .039 | 0                    | .000 | .000 | .000        | .477 | .339 | .297              | 0.00 | 0.00 | 0.90 | 0.65 |
| A20      | 0.00 | AIR HOSE, TOOLS & EQUIPMENT                      | 1  |   |    |        |      |     |                        |      |      |                      |      |      |             |      |      |                   |      |      |      |      |
| A20      | 0.10 | AIR HOSE   | 5  | A | B  | 3,500  | 0.10 | 0   | .000                   | .000 | .000 | 0                    | .000 | .000 | .000        | .000 | .000 | .000              | 0.00 | 0.00 | 0.00 | 1.50 |
| A20      | 0.20 | SANDBLAST HOSE                                   | 5  | A | B  | 3,500  | 0.10 | 0   | .000                   | .000 | .000 | 0                    | .000 | .000 | .000        | .000 | .000 | .000              | 0.00 | 0.00 | 0.00 | 1.65 |
| A20      | 0.30 | SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS        | 5  | A | B  | 4,000  | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .477 | .339 | .297              | 0.81 | 0.65 | 0.90 | 1.50 |
| A25      | 0.00 | ASPHALT PAVING DISTRIBUTORS                      | 10 | A | B  | 8,000  | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .000 | .339 | .297              | 0.71 | 0.57 | 0.79 | 0.85 |
| A30      | 0.00 | ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT    | 1  |   |    |        |      |     |                        |      |      |                      |      |      |             |      |      |                   |      |      |      |      |
| A30      | 0.10 | SELF PROPELLED                                   | 10 | A | B  | 10,000 | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .000 | .339 | .297              | 0.83 | 0.66 | 0.92 | 1.00 |
| A30      | 0.20 | TOWED  | 10 | A | B  | 10,000 | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .000 | .339 | .297              | 0.83 | 0.66 | 0.92 | 0.80 |
| A30      | 0.30 | SLURRY SEAL PAVERS (COLD MIX)                    | 10 | A | B  | 12,000 | 0.20 | 60  | .600                   | .060 | .031 | 13                   | .130 | .013 | .007        | .000 | .250 | .250              | 0.83 | 0.66 | 0.92 | 0.55 |
| A30      | 0.40 | MISCELLANEOUS ROAD EQUIPMENT                     | 10 | A | B  | 10,000 | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .000 | .339 | .297              | 0.83 | 0.66 | 0.92 | 0.80 |
| A35      | 0.00 | ASPHALT PAVING KETTLES                           | 10 | A | B  | 6,000  | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .000 | .339 | .297              | 0.76 | 0.60 | 0.84 | 0.80 |
| A40      | 0.00 | ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS | 10 | A | B  | 10,000 | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .000 | .339 | .297              | 0.83 | 0.66 | 0.92 | 1.00 |
| A45      | 0.00 | ASPHALT RECYCLERS & SEALERS                      | 10 | A | B  | 8,000  | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .000 | .339 | .297              | 0.76 | 0.60 | 0.84 | 0.90 |
| B10      | 0.00 | BATCH PLANTS (ASPHALT & CONCRETE)                | 1  |   |    |        |      |     |                        |      |      |                      |      |      |             |      |      |                   |      |      |      |      |
| B10      | 0.10 | ASPHALT  | 10 | A | B  | 10,000 | 0.15 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .477 | .339 | .297              | 0.60 | 0.60 | 0.84 | 1.00 |
| B10      | 0.20 | CONCRETE   | 10 | A | B  | 10,000 | 0.15 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .477 | .339 | .297              | 0.60 | 0.60 | 0.84 | 1.00 |
| B10      | 0.30 | PUGMILL  | 10 | A | B  | 10,000 | 0.15 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .477 | .339 | .297              | 0.60 | 0.60 | 0.84 | 1.00 |
| B15      | 0.00 | BROOMS, STREET SWEEPERS & FLUSHERS               | 95 | A | B  | 8,000  | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .000 | .254 | .297              | 0.81 | 0.65 | 0.90 | 0.80 |
| B20      | 0.00 | BRUSH CHIPPERS                                   | 95 | A | B  | 8,000  | 0.20 | 65  | .650                   | .065 | .033 | 0                    | .000 | .000 | .000        | .000 | .339 | .297              | 0.00 | 0.00 | 0.90 | 0.90 |
| B25      | 0.00 | BUCKETS, CLAMHELL                                | 15 | A | B  | 10,000 | 0.15 | 0   | .000                   | .000 | .000 | 0                    | .000 | .000 | .000        | .000 | .000 | .000              | 0.00 | 0.00 | 0.00 | 0.70 |
| B25      | 0.00 |  | 15 | S | B  | 8,000  | 0.15 | 0   | .000                   | .000 | .000 | 0                    | .000 | .000 | .000        | .000 | .000 | .000              | 0.00 | 0.00 | 0.00 | 0.80 |
| B30      | 0.00 | BUCKETS, CONCRETE                                | 1  |   |    |        |      |     |                        |      |      |                      |      |      |             |      |      |                   |      |      |      |      |
| B30      | 0.10 | GENERAL PURPOSE, MANUAL TRIP                     | 15 | A | B  | 10,000 | 0.20 | 0   | .000                   | .000 | .000 | 0                    | .000 | .000 | .000        | .000 | .000 | .000              | 0.00 | 0.00 | 0.00 | 0.70 |
| B30      | 0.20 | LAYDOWN  | 15 | A | B  | 10,000 | 0.20 | 0   | .000                   | .000 | .000 | 0                    | .000 | .000 | .000        | .000 | .000 | .000              | 0.00 | 0.00 | 0.00 | 0.75 |
| B30      | 0.30 | LOWBOY   | 15 | A | B  | 10,000 | 0.20 | 0   | .000                   | .000 | .000 | 0                    | .000 | .000 | .000        | .000 | .000 | .000              | 0.00 | 0.00 | 0.00 | 0.80 |
| B30      | 0.40 | LOW SLUMP  | 15 | A | B  | 10,000 | 0.20 | 0   | .000                   | .000 | .000 | 0                    | .000 | .000 | .000        | .000 | .000 | .000              | 0.00 | 0.00 | 0.00 | 0.80 |

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION                                      | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT    |      |      | CARRIER      |      |      | FOG     |      |      | TIRE WEAR |      |      | RCF  |      |
|----------|------|--|----|---|----|--------|------|-----|--------------|------|------|--------------|------|------|---------|------|------|-----------|------|------|------|------|
|          |      |  |    |   |    |        |      |     | FUEL FACTORS |      |      | FUEL FACTORS |      |      | FACTORS |      |      | FACTORS   |      |      |      |      |
|          |      |  |    |   |    |        |      |     | E            | G    | D    | HPF          | E    | G    | D       | E    | G    | D         | FT   | DT   |      | TT   |
| B35      | 0.00 | BUCKETS, DRAGLINE                                | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| B35      | 0.10 | LIGHT WEIGHT                                     | 15 | A | B  | 8,000  | 0.15 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.70 |
| B35      | 0.10 |  | 15 | S | B  | 6,500  | 0.15 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.80 |
| B35      | 0.20 | MEDIUM WEIGHT                                    | 15 | A | B  | 9,000  | 0.15 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.70 |
| B35      | 0.20 |  | 15 | S | B  | 7,000  | 0.15 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.80 |
| B35      | 0.30 | HEAVY WEIGHT                                     | 15 | A | B  | 10,000 | 0.15 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.70 |
| B35      | 0.30 |  | 15 | S | B  | 8,000  | 0.15 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.80 |
| C05      | 0.00 | CHAIN SAWS                                       | 95 | A | B  | 4,000  | 0.15 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .339 | .403      | 0.00 | 0.00 | 0.00 | 2.50 |
| C10      | 0.00 | COMPACTORS & WALK-BEHIND ROLLERS                 | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| C10      | 0.10 | COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PLATES | 95 | A | B  | 5,000  | 0.20 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .254 | .254      | 0.00 | 0.00 | 0.85 | 1.20 |
| C10      | 0.20 | ROLLERS, VIBRATORY                               | 95 | A | B  | 5,000  | 0.20 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .254 | .254      | 0.00 | 0.00 | 0.85 | 1.20 |
| C15      | 0.00 | CONCRETE CLEANERS / BLASTERS                     | 95 | A | B  | 6,000  | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .530 | .339 | .297      | 0.00 | 0.00 | 0.90 | 0.90 |
| C20      | 0.00 | CONCRETE BUGGIES                                 | 95 | A | B  | 5,000  | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .530 | .339 | .297      | 0.00 | 0.66 | 0.90 | 0.70 |
| C25      | 0.00 | CONCRETE FINISHERS/SCREEDS/SPREADERS             | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| C25      | 0.10 | FINISHERS/TROWELS                                | 95 | A | B  | 5,000  | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .530 | .339 | .297      | 0.00 | 0.00 | 0.90 | 0.80 |
| C25      | 0.20 | VIBRATORY SCREED                                 | 95 | A | B  | 5,000  | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .530 | .339 | .297      | 0.00 | 0.00 | 0.90 | 0.80 |
| C25      | 0.25 | VIBRATORY LASER SCREED                           | 95 | A | B  | 8,000  | 0.30 | 65  | .000         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .450 | .400      | 0.97 | 0.78 | 0.90 | 0.60 |
| C25      | 0.30 | MATERIAL/TOPPING SPREADERS                       | 95 | A | B  | 8,000  | 0.30 | 65  | .000         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .450 | .400      | 0.97 | 0.78 | 0.90 | 0.60 |
| C30      | 0.00 | CONCRETE GRINDERS                                | 95 | A | B  | 5,000  | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .530 | .339 | .297      | 0.00 | 0.00 | 0.90 | 0.90 |
| C35      | 0.00 | CONCRETE GUNITERS / SHOTCRETTERS                 | 95 | A | B  | 7,000  | 0.15 | 75  | .750         | .075 | .039 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.81 | 0.65 | 0.90 | 0.90 |
| C40      | 0.00 | CONCRETE MIXING UNITS                            | 95 | A | B  | 5,000  | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .530 | .339 | .297      | 0.00 | 0.00 | 0.90 | 0.80 |
| C45      | 0.00 | CONCRETE PAVING MACHINES                         | 10 | A | B  | 10,000 | 0.20 | 75  | .750         | .075 | .039 | 0            | .000 | .000 | .000    | .000 | .339 | .297      | 0.83 | 0.66 | 0.92 | 1.00 |
| C55      | 0.00 | CONCRETE PUMPS                                   | 95 | A | B  | 8,000  | 0.15 | 70  | .700         | .070 | .036 | 10           | .100 | .010 | .006    | .477 | .339 | .297      | 0.81 | 0.65 | 0.90 | 1.00 |
| C60      | 0.00 | CONCRETE SAWS (sawblade wear not included)       | 95 | A | B  | 6,000  | 0.20 | 90  | .900         | .090 | .460 | 0            | .000 | .000 | .000    | .477 | .339 | .403      | 0.00 | 0.00 | 0.90 | 1.00 |
| C65      | 0.00 | CONCRETE VIBRATORS                               | 5  | A | B  | 4,000  | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .477 | .339 | .403      | 0.00 | 0.00 | 0.00 | 2.50 |
| C70      | 0.00 | CRANES, GANTRY & STRADDLE                        | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| C75      | 0.00 | CRANES, HYDRAULIC, SELF-PROPELLED                | 20 | A | B  | 14,000 | 0.15 | 75  | .750         | .075 | .039 | 0            | .000 | .000 | .000    | .000 | .339 | .318      | 0.89 | 0.71 | 0.90 | 0.80 |
| C80      | 0.00 | CRANES, HYDRAULIC, TRUCK MOUNTED                 | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| C80      | 0.01 | UNDER 26 TON                                     | 20 | A | B  | 14,000 | 0.15 | 65  | .650         | .065 | .033 | 10           | .100 | .010 | .006    | .000 | .403 | .382      | 0.97 | 0.78 | 0.00 | 0.60 |
| C80      | 0.01 |  | 20 | S | B  | 12,000 | 0.15 | 85  | .850         | .085 | .044 | 13           | .130 | .013 | .007    | .000 | .403 | .382      | 0.86 | 0.61 | 0.00 | 0.65 |
| C80      | 0.02 | 26 TON THRU 65 TON                               | 20 | A | B  | 16,000 | 0.15 | 65  | .650         | .065 | .033 | 10           | .100 | .010 | .006    | .000 | .318 | .276      | 0.97 | 0.78 | 0.00 | 0.70 |
| C80      | 0.02 |  | 20 | S | B  | 14,000 | 0.15 | 85  | .850         | .085 | .044 | 13           | .130 | .013 | .007    | .000 | .318 | .276      | 0.86 | 0.61 | 0.00 | 0.75 |

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION  | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT    |      |      | CARRIER      |      |      | FOG     |      |      | TIRE WEAR |      |      | RCF  |      |
|----------|------|--|----|---|----|--------|------|-----|--------------|------|------|--------------|------|------|---------|------|------|-----------|------|------|------|------|
|          |      |  |    |   |    |        |      |     | FUEL FACTORS |      |      | FUEL FACTORS |      |      | FACTORS |      |      | FACTORS   |      |      |      |      |
|          |      |  |    |   |    |        |      |     | E            | G    | D    | HPF          | E    | G    | D       | E    | G    | D         | FT   | DT   |      | TT   |
| C80      | 0.03 | 66 TON THRU 125 TON                                  | 20 | A | B  | 18,000 | 0.15 | 65  | .650         | .065 | .033 | 10           | .100 | .010 | .006    | .000 | .318 | .276      | 0.97 | 0.78 | 0.00 | 0.80 |
| C80      | 0.03 |  | 20 | S | B  | 16,000 | 0.15 | 85  | .850         | .085 | .044 | 13           | .130 | .013 | .007    | .000 | .318 | .276      | 0.86 | 0.61 | 0.00 | 0.85 |
| C80      | 0.04 | OVER 125 TON   | 20 | A | B  | 20,000 | 0.15 | 65  | .650         | .065 | .033 | 10           | .100 | .010 | .006    | .000 | .318 | .276      | 0.97 | 0.78 | 0.00 | 0.90 |
| C80      | 0.04 |  | 20 | S | B  | 18,000 | 0.15 | 85  | .850         | .085 | .044 | 13           | .130 | .013 | .007    | .000 | .318 | .276      | 0.86 | 0.61 | 0.00 | 0.95 |
| C85      | 0.00 | CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED    | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| C85      | 0.11 | DRAGLINE, CLAMSHELL, 0 THRU 1.0 CY                   | 20 | A | B  | 12,000 | 0.15 | 55  | .550         | .055 | .028 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.00 | 0.00 | 0.00 | 0.80 |
| C85      | 0.11 |  | 20 | S | B  | 10,000 | 0.15 | 72  | .720         | .072 | .037 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.00 | 0.00 | 0.00 | 0.90 |
| C85      | 0.12 | DRAGLINE, CLAMSHELL, OVER 1.0 CY THRU 2.5 CY         | 20 | A | B  | 14,000 | 0.15 | 55  | .550         | .055 | .028 | 0            | .000 | .000 | .000    | .000 | .360 | .360      | 0.00 | 0.00 | 0.00 | 0.85 |
| C85      | 0.12 |  | 20 | S | B  | 12,000 | 0.15 | 72  | .720         | .072 | .037 | 0            | .000 | .000 | .000    | .000 | .360 | .360      | 0.00 | 0.00 | 0.00 | 0.95 |
| C85      | 0.13 | DRAGLINE, CLAMSHELL, OVER 2.5 CY THRU 5.0 CY         | 20 | A | B  | 16,000 | 0.15 | 55  | .550         | .055 | .028 | 0            | .000 | .000 | .000    | .000 | .233 | .233      | 0.00 | 0.00 | 0.00 | 0.95 |
| C85      | 0.13 |  | 20 | S | B  | 14,000 | 0.15 | 72  | .720         | .072 | .037 | 0            | .000 | .000 | .000    | .000 | .233 | .233      | 0.00 | 0.00 | 0.00 | 1.05 |
| C85      | 0.14 | DRAGLINE, CLAMSHELL, OVER 5.0 CY                     | 20 | A | B  | 18,000 | 0.15 | 55  | .550         | .055 | .028 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.00 | 0.00 | 0.00 | 1.05 |
| C85      | 0.14 |  | 20 | S | B  | 16,000 | 0.15 | 72  | .720         | .072 | .037 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.00 | 0.00 | 0.00 | 1.15 |
| C85      | 0.21 | LIFTING, 0 THRU 25 TON                               | 20 | A | B  | 13,000 | 0.15 | 40  | .400         | .040 | .021 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.00 | 0.00 | 0.00 | 0.65 |
| C85      | 0.21 |  | 20 | S | B  | 11,000 | 0.15 | 52  | .520         | .052 | .027 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.00 | 0.00 | 0.00 | 0.70 |
| C85      | 0.22 | LIFTING, 26 TON THRU 50 TON                          | 20 | A | B  | 15,000 | 0.15 | 40  | .400         | .040 | .021 | 0            | .000 | .000 | .000    | .000 | .212 | .212      | 0.00 | 0.00 | 0.00 | 0.75 |
| C85      | 0.22 |  | 20 | S | B  | 13,000 | 0.15 | 52  | .520         | .052 | .027 | 0            | .000 | .000 | .000    | .000 | .212 | .212      | 0.00 | 0.00 | 0.00 | 0.80 |
| C85      | 0.23 | LIFTING, 51 TON THRU 150 TON                         | 20 | A | B  | 18,000 | 0.15 | 40  | .400         | .040 | .021 | 0            | .000 | .000 | .000    | .000 | .233 | .233      | 0.00 | 0.00 | 0.00 | 0.85 |
| C85      | 0.23 |  | 20 | S | B  | 16,000 | 0.15 | 52  | .520         | .052 | .027 | 0            | .000 | .000 | .000    | .000 | .233 | .233      | 0.00 | 0.00 | 0.00 | 0.90 |
| C85      | 0.24 | LIFTING, OVER 150 TON                                | 20 | A | B  | 20,000 | 0.15 | 40  | .400         | .040 | .021 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.00 | 0.00 | 0.00 | 0.95 |
| C85      | 0.24 |  | 20 | S | B  | 18,000 | 0.15 | 52  | .520         | .052 | .027 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.00 | 0.00 | 0.00 | 1.00 |
| C90      | 0.00 | CRANES, MECHANICAL, LATTICE BOOM, TRUCK MOUNTED      | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| C90      | 0.01 | UNDER 26 TON   | 20 | A | B  | 14,000 | 0.15 | 50  | .500         | .050 | .026 | 10           | .100 | .010 | .005    | .000 | .403 | .382      | 0.97 | 0.78 | 0.00 | 0.60 |
| C90      | 0.01 |  | 20 | S | B  | 12,000 | 0.15 | 65  | .650         | .065 | .033 | 13           | .130 | .013 | .007    | .000 | .403 | .382      | 0.86 | 0.61 | 0.00 | 0.65 |
| C90      | 0.02 | 26 TON THRU 65 TON                                   | 20 | A | B  | 16,000 | 0.15 | 50  | .500         | .050 | .026 | 10           | .100 | .010 | .005    | .000 | .318 | .276      | 0.97 | 0.78 | 0.00 | 0.70 |
| C90      | 0.02 |  | 20 | S | B  | 14,000 | 0.15 | 65  | .650         | .065 | .033 | 13           | .130 | .013 | .007    | .000 | .318 | .276      | 0.86 | 0.61 | 0.00 | 0.75 |
| C90      | 0.03 | 66 TON THRU 125 TON                                  | 20 | A | B  | 18,000 | 0.15 | 50  | .500         | .050 | .026 | 10           | .100 | .010 | .005    | .000 | .318 | .276      | 0.97 | 0.78 | 0.00 | 0.80 |
| C90      | 0.03 |  | 20 | S | B  | 16,000 | 0.15 | 65  | .650         | .065 | .033 | 13           | .130 | .013 | .007    | .000 | .318 | .276      | 0.86 | 0.61 | 0.00 | 0.85 |
| C90      | 0.04 | OVER 125 TON   | 20 | A | B  | 20,000 | 0.15 | 50  | .500         | .050 | .026 | 10           | .100 | .010 | .005    | .000 | .318 | .276      | 0.97 | 0.78 | 0.00 | 0.90 |
| C90      | 0.04 |  | 20 | S | B  | 18,000 | 0.15 | 65  | .650         | .065 | .033 | 13           | .130 | .013 | .007    | .000 | .318 | .276      | 0.86 | 0.61 | 0.00 | 0.95 |
| C95      | 0.00 | CRANES, TOWER  | 20 | A | B  | 18,000 | 0.20 | 65  | .650         | .065 | .033 | 10           | .100 | .010 | .005    | .530 | .318 | .276      | 0.00 | 0.00 | 0.00 | 0.85 |
| D10      | 0.00 | DRILLS,AIR/HYDRAULIC,CRWLR MTD,0" THRU 6.5" DIA HOLE | 25 | A | B  | 10,000 | 0.20 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.62 | 0.44 | 0.00 | 1.00 |

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION                                   | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT    |      |      | HPF | CARRIER      |      |      | FOG     |      |      | TIRE WEAR |      |      | RCF  |
|----------|------|---|----|---|----|--------|------|-----|--------------|------|------|-----|--------------|------|------|---------|------|------|-----------|------|------|------|
|          |      |   |    |   |    |        |      |     | FUEL FACTORS |      |      |     | FUEL FACTORS |      |      | FACTORS |      |      | FACTORS   |      |      |      |
|          |      |   |    |   |    |        |      |     | E            | G    | D    |     | E            | G    | D    | E       | G    | D    | FT        | DT   | TT   |      |
| D15      | 0.00 | DRILLS, HORIZONTAL BORING & GROUND PIERCING   | 25 | A | B  | 10,000 | 0.20 | 80  | .800         | .080 | .041 | 0   | .000         | .000 | .000 | .477    | .339 | .297 | 0.62      | 0.44 | 0.00 | 0.90 |
| D20      | 0.00 | DRILLS, CORE, COLUMN MOUNTED                  | 25 | A | B  | 8,000  | 0.20 | 80  | .800         | .080 | .041 | 0   | .000         | .000 | .000 | .477    | .170 | .254 | 0.00      | 0.00 | 0.00 | 0.85 |
| D25      | 0.00 | DRILLS, CORE, SKID MOUNTED                    | 25 | A | B  | 10,000 | 0.20 | 80  | .800         | .080 | .041 | 0   | .000         | .000 | .000 | .477    | .170 | .254 | 0.00      | 0.00 | 0.90 | 1.00 |
| D30      | 0.00 | DRILLS, EARTH / AUGER                         | 25 | A | B  | 10,000 | 0.20 | 80  | .800         | .080 | .041 | 10  | .100         | .010 | .006 | .477    | .339 | .297 | 0.67      | 0.57 | 0.80 | 1.00 |
| D35      | 0.00 | DRILLS, ROTARY BLASTHOLE                      | 1  |   |    |        |      |     |              |      |      |     |              |      |      |         |      |      |           |      |      |      |
| D35      | 0.11 | DIESEL, 4.5" THRU 9.875" DIAMETER HOLE        | 25 | A | B  | 14,000 | 0.20 | 80  | .800         | .080 | .041 | 10  | .100         | .010 | .006 | .005    | .403 | .403 | 0.62      | 0.44 | 0.00 | 1.00 |
| D35      | 0.12 | DIESEL, OVER 9.875" DIAMETER                  | 25 | A | B  | 18,000 | 0.20 | 80  | .800         | .080 | .041 | 10  | .100         | .010 | .006 | .011    | .339 | .339 | 0.62      | 0.44 | 0.00 | 1.00 |
| D35      | 0.21 | ELECTRIC, 4.5" THRU 9.875" DIAMETER HOLE      | 25 | A | B  | 14,000 | 0.20 | 70  | .700         | .070 | .036 | 10  | .100         | .010 | .006 | .530    | .000 | .000 | 0.62      | 0.44 | 0.00 | 0.55 |
| D35      | 0.22 | ELECTRIC, OVER 9.875" DIAMETER                | 25 | A | B  | 18,000 | 0.20 | 70  | .700         | .070 | .036 | 10  | .100         | .010 | .006 | .530    | .000 | .000 | 0.62      | 0.44 | 0.00 | 0.55 |
| F10      | 0.00 | FORK LIFTS                                    | 95 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .477    | .254 | .254 | 0.87      | 0.78 | 0.90 | 0.75 |
| G10      | 0.00 | GENERATOR SETS                                | 1  |   |    |        |      |     |              |      |      |     |              |      |      |         |      |      |           |      |      |      |
| G10      | 0.10 | PORTABLE                                      | 30 | A | B  | 8,000  | 0.15 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .000    | .254 | .254 | 0.00      | 0.00 | 0.90 | 0.60 |
| G10      | 0.10 |   | 30 | S | B  | 7,000  | 0.15 | 85  | .850         | .085 | .044 | 0   | .000         | .000 | .000 | .000    | .254 | .254 | 0.00      | 0.00 | 0.90 | 0.70 |
| G10      | 0.20 | SKID MOUNTED                                  | 30 | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .000    | .254 | .254 | 0.00      | 0.00 | 0.00 | 0.70 |
| G10      | 0.20 |   | 30 | S | B  | 8,000  | 0.15 | 85  | .850         | .085 | .044 | 0   | .000         | .000 | .000 | .000    | .254 | .254 | 0.00      | 0.00 | 0.90 | 0.80 |
| G15      | 0.00 | GRADERS, MOTOR                                | 35 | A | B  | 14,000 | 0.25 | 60  | .600         | .060 | .031 | 0   | .000         | .000 | .000 | .000    | .212 | .360 | 0.89      | 0.71 | 0.00 | 0.70 |
| G15      | 0.00 |   | 35 | S | B  | 12,000 | 0.25 | 78  | .780         | .078 | .040 | 0   | .000         | .000 | .000 | .000    | .212 | .360 | 0.71      | 0.51 | 0.00 | 0.75 |
| H10      | 0.00 | HAMMERS, HYDRAULIC (DEMOLITION TOOL)          | 95 | A | B  | 6,000  | 0.20 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .000    | .339 | .339 | 0.00      | 0.00 | 0.00 | 1.00 |
| H13      | 0.00 | HAZARD/TOXIC WASTE EQUIPMENT                  | 1  |   |    |        |      |     |              |      |      |     |              |      |      |         |      |      |           |      |      |      |
| H13      | 0.11 | COMPACTORS (COMPRESSION FORCE) 0 THRU 50 TONS | 95 | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .530    | .254 | .254 | 0.00      | 0.00 | 0.90 | 0.80 |
| H13      | 0.12 | COMPACTORS (COMPRESSION FORCE) OVER 50 TONS   | 95 | A | B  | 12,000 | 0.20 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .530    | .254 | .254 | 0.00      | 0.00 | 0.90 | 0.90 |
| H13      | 0.21 | FILTER PRESSES, STATIONARY                    | 95 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .530    | .254 | .254 | 0.00      | 0.00 | 0.90 | 0.90 |
| H13      | 0.22 | FILTER PRESSES, MOBILE                        | 95 | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .530    | .254 | .254 | 0.00      | 0.00 | 0.90 | 0.80 |
| H13      | 0.30 | CENTRIFUGES                                   | 95 | A | B  | 4,000  | 0.20 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .530    | .000 | .000 | 0.00      | 0.00 | 0.00 | 0.70 |
| H13      | 0.40 | SHREDDERS                                     | 95 | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .477    | .339 | .297 | 0.00      | 0.00 | 0.90 | 0.90 |
| H13      | 0.51 | SOIL TREATMENT PLANT, MOBILE                  | 95 | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .477    | .339 | .297 | 0.00      | 0.00 | 0.90 | 1.00 |
| H13      | 0.61 | SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS    | 95 | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .477    | .339 | .297 | 0.00      | 0.00 | 0.90 | 1.00 |
| H13      | 0.71 | WASTE HANDLING EQUIPMENT, DRUM HANDLING       | 95 | A | B  | 4,000  | 0.15 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .477    | .339 | .297 | 0.00      | 0.00 | 0.90 | 1.00 |
| H15      | 0.00 | HEATERS, SPACE                                | 1  |   |    |        |      |     |              |      |      |     |              |      |      |         |      |      |           |      |      |      |
| H20      | 0.00 | HOISTS & AIR WINCHES                          | 95 | A | B  | 9,000  | 0.20 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .000    | .254 | .254 | 0.00      | 0.00 | 0.00 | 0.80 |
| H25      | 0.00 | HYDRAULIC EXCAVATORS, CRAWLER MOUNTED         | 1  |   |    |        |      |     |              |      |      |     |              |      |      |         |      |      |           |      |      |      |
| H25      | 0.11 | 0 LBS THRU 40,000 LBS                         | 65 | A | B  | 10,000 | 0.25 | 65  | .650         | .065 | .033 | 0   | .000         | .000 | .000 | .000    | .403 | .403 | 0.00      | 0.00 | 0.00 | 0.70 |

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION                                  | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT FUEL FACTORS |      |      | HPF | CARRIER FUEL FACTORS |      |      | FOG FACTORS |      |      | TIRE WEAR FACTORS |      |      | RCF  |
|----------|------|--|----|---|----|--------|------|-----|------------------------|------|------|-----|----------------------|------|------|-------------|------|------|-------------------|------|------|------|
|          |      |  |    |   |    |        |      |     | E                      | G    | D    |     | E                    | G    | D    | E           | G    | D    | FT                | DT   | TT   |      |
| H25      | 0.11 |  | 65 | S | B  | 8,000  | 0.25 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .403 | .403 | 0.00              | 0.00 | 0.00 | 0.80 |
| H25      | 0.12 | OVER 40,000 LBS THRU 100,000 LBS             | 65 | A | B  | 12,000 | 0.20 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .403 | .403 | 0.00              | 0.00 | 0.00 | 0.80 |
| H25      | 0.12 |  | 65 | S | B  | 10,000 | 0.20 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .403 | .403 | 0.00              | 0.00 | 0.00 | 0.90 |
| H25      | 0.13 | OVER 100,000 LBS THRU 160,000 LBS            | 65 | A | B  | 18,000 | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .233 | .233 | 0.00              | 0.00 | 0.00 | 1.10 |
| H25      | 0.13 |  | 65 | S | B  | 15,000 | 0.15 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .233 | .233 | 0.00              | 0.00 | 0.00 | 1.20 |
| H25      | 0.14 | OVER 160,000 LBS                             | 65 | A | B  | 18,000 | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .254 | .254 | 0.00              | 0.00 | 0.00 | 1.20 |
| H25      | 0.14 |  | 65 | S | B  | 15,000 | 0.15 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .254 | .254 | 0.00              | 0.00 | 0.00 | 1.30 |
| H25      | 0.21 | ATTACHMENTS, MOBILE SHEARS                   | 95 | A | B  | 6,000  | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .339 | .339 | 0.00              | 0.00 | 0.00 | 0.90 |
| H25      | 0.22 | ATTACHMENTS, MATERIAL HANDLING               | 95 | A | B  | 6,000  | 0.20 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .339 | .339 | 0.00              | 0.00 | 0.00 | 0.80 |
| H25      | 0.23 | ATTACHMENTS, CONCRETE PULVERIZERS            | 95 | A | B  | 6,000  | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .339 | .339 | 0.00              | 0.00 | 0.00 | 1.00 |
| H25      | 0.24 | ATTACHMENTS, COMPACTORS                      | 95 | A | B  | 6,000  | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .339 | .339 | 0.00              | 0.00 | 0.00 | 1.00 |
| H30      | 0.00 | HYDRAULIC EXCAVATORS, WHEEL MOUNTED          | 1  |   |    |        |      |     |                        |      |      |     |                      |      |      |             |      |      |                   |      |      |      |
| H30      | 0.01 | 0 THRU 1.0 CY                                | 65 | A | B  | 8,000  | 0.20 | 60  | .600                   | .060 | .031 | 10  | .100                 | .010 | .006 | .000        | .403 | .382 | 0.97              | 0.78 | 0.80 | 0.50 |
| H30      | 0.01 |  | 65 | S | B  | 6,500  | 0.20 | 78  | .780                   | .078 | .040 | 13  | .130                 | .013 | .007 | .000        | .403 | .382 | 0.86              | 0.61 | 0.65 | 0.55 |
| H30      | 0.02 | OVER 1.0 CY                                  | 65 | A | B  | 10,000 | 0.15 | 60  | .600                   | .060 | .031 | 10  | .100                 | .010 | .006 | .000        | .403 | .382 | 0.97              | 0.78 | 0.80 | 0.60 |
| H30      | 0.02 |  | 65 | S | B  | 8,000  | 0.15 | 78  | .780                   | .078 | .040 | 13  | .130                 | .013 | .007 | .000        | .403 | .382 | 0.86              | 0.61 | 0.65 | 0.65 |
| H35      | 0.00 | HYDRAULIC SHOVELS, CRAWLER MOUNTED           | 1  |   |    |        |      |     |                        |      |      |     |                      |      |      |             |      |      |                   |      |      |      |
| H35      | 0.11 | DIESEL, 0 CY THRU 5.0 CY                     | 65 | A | B  | 14,000 | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .233 | .233 | 0.00              | 0.00 | 0.00 | 1.00 |
| H35      | 0.11 |  | 65 | S | B  | 12,000 | 0.15 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .233 | .233 | 0.00              | 0.00 | 0.00 | 1.10 |
| H35      | 0.12 | DIESEL, OVER 5.0 CY                          | 65 | A | B  | 16,000 | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .254 | .254 | 0.00              | 0.00 | 0.00 | 1.20 |
| H35      | 0.12 |  | 65 | S | B  | 14,000 | 0.15 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .254 | .254 | 0.00              | 0.00 | 0.00 | 1.30 |
| H35      | 0.21 | ELECTRIC, OVER 2.5 CY                        | 65 | A | B  | 18,000 | 0.20 | 50  | .500                   | .050 | .000 | 0   | .000                 | .000 | .000 | .265        | .000 | .000 | 0.00              | 0.00 | 0.00 | 0.80 |
| H35      | 0.21 |  | 65 | S | B  | 16,000 | 0.20 | 65  | .650                   | .065 | .000 | 0   | .000                 | .000 | .000 | .265        | .000 | .000 | 0.00              | 0.00 | 0.00 | 0.90 |
| L10      | 0.00 | LAND CLEARING EQUIPMENT                      | 70 | A | B  | 10,000 | 0.20 | 60  | .600                   | .060 | .031 | 10  | .100                 | .010 | .006 | .000        | .318 | .276 | 0.72              | 0.50 | 0.90 | 0.90 |
| L10      | 0.00 |  | 70 | S | B  | 7,000  | 0.20 | 78  | .780                   | .078 | .040 | 13  | .130                 | .013 | .007 | .000        | .318 | .276 | 0.57              | 0.35 | 0.71 | 1.00 |
| L15      | 0.00 | LANDSCAPING EQUIPMENT                        | 95 | A | B  | 4,000  | 0.15 | 80  | .800                   | .080 | .041 | 0   | .000                 | .000 | .000 | .477        | .254 | .254 | 0.81              | 0.65 | 0.90 | 0.70 |
| L20      | 0.00 | LIGHTING SETS, TRAILER MOUNTED               | 1  |   |    |        |      |     |                        |      |      |     |                      |      |      |             |      |      |                   |      |      |      |
| L20      | 0.10 | METALLIC VAPOR                               | 95 | A | B  | 8,000  | 0.25 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .254 | .254 | 0.00              | 0.00 | 0.90 | 1.50 |
| L25      | 0.00 | LINE STRIPING EQUIPMENT                      | 95 | A | B  | 8,000  | 0.25 | 85  | .850                   | .085 | .044 | 13  | .130                 | .013 | .007 | .000        | .254 | .254 | 0.72              | 0.50 | 0.90 | 1.20 |
| L30      | 0.00 | LOADERS, BELT (CONVEYOR BELTS) & ACCESSORIES | 95 | A | B  | 10,000 | 0.20 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .297 | .297 | 0.60              | 0.00 | 0.99 | 1.00 |
| L30      | 0.00 |  | 95 | S | B  | 8,000  | 0.20 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .477        | .297 | .297 | 0.40              | 0.00 | 0.96 | 1.10 |
| L35      | 0.00 | LOADERS, FRONT END, CRAWLER TYPE             | 40 | A | B  | 8,000  | 0.20 | 70  | .700                   | .070 | .036 | 0   | .000                 | .000 | .000 | .000        | .339 | .403 | 0.00              | 0.00 | 0.00 | 1.35 |

### APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION  | EK  | C | DC | LIFE   | SLV  | HPF | EQUIPMENT    |      |      | CARRIER      |      |      | FOG     |      |      | TIRE WEAR |      |      | RCF  |      |
|----------|------|--|-----|---|----|--------|------|-----|--------------|------|------|--------------|------|------|---------|------|------|-----------|------|------|------|------|
|          |      |  |     |   |    |        |      |     | FUEL FACTORS |      |      | FUEL FACTORS |      |      | FACTORS |      |      | FACTORS   |      |      |      |      |
|          |      |  |     |   |    |        |      |     | E            | G    | D    | HPF          | E    | G    | D       | E    | G    | D         | FT   | DT   |      | TT   |
| L35      | 0.00 |  | 40  | S | B  | 6,000  | 0.20 | 91  | .910         | .091 | .047 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.00 | 1.40 |
| L40      | 0.00 | LOADERS, FRONT END, WHEEL TYPE                       | 1   |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| L40      | 0.11 | ARTICULATED, 0 THRU 225 HP                           | 45  | A | B  | 10,000 | 0.25 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .339 | .445      | 0.70 | 0.42 | 0.00 | 0.70 |
| L40      | 0.11 |  | 45  | S | B  | 8,000  | 0.25 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .339 | .445      | 0.41 | 0.22 | 0.00 | 0.75 |
| L40      | 0.12 | ARTICULATED, OVER 225 HP                             | 45  | A | B  | 13,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .339 | .318      | 0.70 | 0.42 | 0.00 | 0.70 |
| L40      | 0.12 |  | 45  | S | B  | 10,000 | 0.15 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .339 | .318      | 0.41 | 0.22 | 0.00 | 0.75 |
| L40      | 0.20 | SKID STEER   | 45  | A | B  | 8,000  | 0.15 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .000 | .339 | .445      | 0.70 | 0.42 | 0.00 | 0.80 |
| L40      | 0.21 | SKID STEER ATTACHMENTS                               | 45  | A | B  | 4,000  | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.00 | 0.00 | 0.00 | 1.00 |
| L40      | 0.31 | TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225 HP    | 45  | A | B  | 10,000 | 0.25 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .339 | .445      | 0.70 | 0.42 | 0.00 | 0.75 |
| L40      | 0.31 |  | 45  | S | B  | 8,000  | 0.25 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .339 | .445      | 0.41 | 0.22 | 0.00 | 0.80 |
| L40      | 0.32 | TOOL CARRIER & TELESCOPIC HANDLERS, OVER 225 HP      | 45  | A | B  | 12,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .339 | .318      | 0.70 | 0.42 | 0.00 | 0.75 |
| L40      | 0.32 |  | 45  | S | B  | 10,000 | 0.15 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .339 | .318      | 0.41 | 0.22 | 0.00 | 0.80 |
| L45      | 0.00 | LOADERS / BACKHOE, CRAWLER TYPE                      | 40  | A | B  | 10,000 | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.00 | 1.35 |
| L45      | 0.00 |  | 40  | S | B  | 8,000  | 0.20 | 91  | .910         | .091 | .047 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.00 | 1.40 |
| L50      | 0.00 | LOADERS / BACKHOE, WHEEL TYPE                        | 45  | A | B  | 10,000 | 0.25 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.72 | 0.50 | 0.00 | 0.80 |
| L50      | 0.00 |  | 45  | S | B  | 6,000  | 0.25 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.57 | 0.35 | 0.00 | 0.85 |
| L55      | 0.00 | LOADER / BACKHOE, ATTACHMENTS                        | 95  | A | B  | 6,000  | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.00 | 0.00 | 0.00 | 1.00 |
| L60      | 0.00 | LOG SKIDDERS   | 75  | A | B  | 8,000  | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .297      | 0.73 | 0.44 | 0.00 | 0.80 |
| L60      | 0.00 |  | 75  | S | B  | 7,000  | 0.15 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .254 | .297      | 0.38 | 0.21 | 0.00 | 0.85 |
| M10      | 0.00 | MARINE EQUIPMENT                                     | 1   |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| M10      | 0.11 | AQUATIC MAINTENANCE                                  | 105 | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.83 | 0.66 | 0.92 | 0.70 |
| M10      | 0.12 | AQUATIC MAINTENACE ATTACHMENTS                       | 105 | A | B  | 6,000  | 0.20 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.60 | 0.00 | 0.99 | 0.60 |
| M10      | 0.21 | HYDRAULIC CUTTERHEAD DREDGE, 8" OR LESS, TRANSPORT   | 105 | A | B  | 10,000 | 0.15 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.00 | 0.00 | 0.00 | 0.70 |
| M10      | 0.22 | HYDRAULIC CUTTERHEAD DREDGE, 8" - 12", TRANSPORTABLE | 105 | A | B  | 12,000 | 0.10 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.00 | 0.00 | 0.00 | 0.80 |
| M10      | 0.23 | HYDRAULIC AUGERHEAD DREDGE, 12" OR LESS, TRANSPORT   | 105 | A | B  | 10,000 | 0.15 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.00 | 0.00 | 0.00 | 0.80 |
| M10      | 0.24 | HYDRAULIC FLOATING PUMPS, 12" OR LESS, TRANSPORTABLE | 105 | A | B  | 8,000  | 0.10 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.00 | 0.00 | 0.00 | 0.70 |
| M10      | 0.25 | HYDRUALIC DREDGE PUMPS, 12" OR LESS, TRANSPORTABLE   | 105 | A | B  | 6,000  | 0.15 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.00 | 0.00 | 0.00 | 0.70 |
| M10      | 0.26 | HYDRAULIC DREDGE / PUMP ATTACHMENTS                  | 105 | A | B  | 6,000  | 0.15 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.00 | 0.00 | 0.00 | 0.60 |
| M10      | 0.31 | SMALL MECH DREDGES, CLAMSHELL, BARGE-MTD TO 5 CY     | 20  | A | B  | 20,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .477 | .254 | .254      | 0.00 | 0.00 | 0.00 | 1.00 |
| M10      | 0.31 |  | 20  | S | B  | 18,000 | 0.15 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .477 | .254 | .254      | 0.00 | 0.00 | 0.00 | 1.05 |
| M10      | 0.32 | SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS            | 65  | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .477 | .403 | .403      | 0.00 | 0.00 | 0.00 | 1.00 |
| M10      | 0.32 |  | 65  | S | B  | 9,000  | 0.15 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .477 | .403 | .403      | 0.00 | 0.00 | 0.00 | 1.10 |



## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION   | EK  | C | DC | LIFE    | SLV  | HPF | EQUIPMENT FUEL FACTORS |      |      | HPF | CARRIER FUEL FACTORS |      |      | FOG FACTORS |      |      | TIRE WEAR FACTORS |      |      | RCF  |
|----------|------|---|-----|---|----|---------|------|-----|------------------------|------|------|-----|----------------------|------|------|-------------|------|------|-------------------|------|------|------|
|          |      |   |     |   |    |         |      |     | E                      | G    | D    |     | E                    | G    | D    | E           | G    | D    | FT                | DT   | TT   |      |
| M10      | 0.33 | SMALL MECH DREDGES,HOE-MOUNTED DREDGING ATTACH        | 105 | A | B  | 20,000  | 0.15 | 80  | .800                   | .080 | .041 | 0   | .000                 | .000 | .000 | .477        | .339 | .297 | 0.00              | 0.00 | 0.00 | 0.90 |
| M10      | 0.34 | CLAMSHELL, BARGE-MTD, UNDER 6 CY                      | 105 | A | B  | 16,000  | 0.05 | 60  | .600                   | .060 | .031 | 50  | .000                 | .050 | .026 | .000        | .254 | .254 | 0.00              | 0.00 | 0.00 | 0.90 |
| M10      | 0.35 | CLAMSHELL, BARGE-MTD, 6 CY - 10 CY                    | 105 | A | B  | 26,000  | 0.05 | 60  | .600                   | .060 | .031 | 50  | .000                 | .050 | .026 | .000        | .254 | .254 | 0.00              | 0.00 | 0.00 | 1.00 |
| M10      | 0.36 | CLAMSHELL, BARGE-MTD, 11 CY - 15 CY                   | 105 | A | B  | 40,000  | 0.05 | 60  | .600                   | .060 | .031 | 50  | .000                 | .050 | .026 | .000        | .254 | .254 | 0.00              | 0.00 | 0.00 | 1.10 |
| M10      | 0.41 | WORK FLOATS (NON-DREDGING)                            | 105 | A | B  | 6,000   | 0.10 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.00 | 0.50 |
| M10      | 0.42 | WORK BARGES (SECTIONAL, NON-DREDGING)                 | 105 | A | B  | 10,000  | 0.10 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.00 | 0.60 |
| M10      | 0.45 | FLAT-DECK OR CARGO BARGE (NON-DREDGING)               | 105 | A | B  | 90,000  | 0.05 | 20  | .000                   | .000 | .010 | 0   | .000                 | .000 | .000 | .000        | .000 | .339 | 0.00              | 0.00 | 0.00 | 0.60 |
| M10      | 0.46 | DUMP SCOW (NON-DREDGING)                              | 105 | A | B  | 90,000  | 0.05 | 20  | .000                   | .000 | .010 | 0   | .000                 | .000 | .000 | .000        | .000 | .339 | 0.00              | 0.00 | 0.00 | 0.70 |
| M10      | 0.47 | DRILL BARGE (NON-DREDGING)                            | 105 | A | B  | 30,000  | 0.10 | 20  | .000                   | .000 | .010 | 0   | .000                 | .000 | .000 | .000        | .000 | .339 | 0.00              | 0.00 | 0.00 | 0.70 |
| M10      | 0.48 | ALL OTHER BARGES (NON-DREDGING)                       | 105 | A | B  | 30,000  | 0.10 | 20  | .000                   | .000 | .010 | 0   | .000                 | .000 | .000 | .000        | .000 | .339 | 0.00              | 0.00 | 0.00 | 0.70 |
| M10      | 0.51 | BOATS & LAUNCHES, 0 THRU 250 HP                       | 105 | A | B  | 12,000  | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .339 | .403 | 0.00              | 0.00 | 0.00 | 0.70 |
| M10      | 0.51 |   | 105 | S | B  | 10,000  | 0.15 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .477        | .339 | .403 | 0.00              | 0.00 | 0.00 | 0.75 |
| M10      | 0.53 | BOATS & LAUNCHES, 251 THRU 500 HP                     | 105 | A | B  | 14,000  | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .339 | .403 | 0.00              | 0.00 | 0.00 | 0.80 |
| M10      | 0.53 |   | 105 | S | B  | 12,000  | 0.15 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .477        | .339 | .403 | 0.00              | 0.00 | 0.00 | 0.85 |
| M10      | 0.54 | TUGS, 501 THRU 1,000 HP                               | 105 | A | B  | 20,000  | 0.10 | 60  | .600                   | .060 | .031 | 50  | .500                 | .050 | .026 | .477        | .339 | .403 | 0.00              | 0.00 | 0.00 | 0.90 |
| M10      | 0.55 | TUGS, 1,000 THRU 2,000 HP                             | 105 | A | B  | 55,000  | 0.10 | 60  | .600                   | .060 | .031 | 50  | .500                 | .050 | .026 | .477        | .339 | .403 | 0.00              | 0.00 | 0.00 | 1.00 |
| M10      | 0.56 | TUGS, 2,000 THRU 3,000 HP                             | 105 | A | B  | 100,000 | 0.10 | 60  | .600                   | .060 | .031 | 50  | .500                 | .050 | .026 | .477        | .339 | .403 | 0.00              | 0.00 | 0.00 | 1.10 |
| M10      | 0.57 | TUGS, OVER 3,000 HP                                   | 105 | A | B  | 120,000 | 0.10 | 60  | .600                   | .060 | .031 | 50  | .500                 | .050 | .026 | .477        | .339 | .403 | 0.00              | 0.00 | 0.00 | 1.20 |
| M10      | 0.60 | LFTING CRANE, BARGE MTD, 25 - 75 TON, 45' BOOM        | 105 | A | B  | 16,000  | 0.05 | 50  | .000                   | .050 | .026 | 40  | .000                 | .040 | .021 | .000        | .233 | .233 | 0.00              | 0.00 | 0.00 | 0.90 |
| M10      | 0.61 | LFTING CRANE, BARGE MTD, OVER 75 - 125 TON, 60' BOOM  | 105 | A | B  | 26,000  | 0.05 | 50  | .000                   | .050 | .026 | 40  | .000                 | .040 | .021 | .000        | .233 | .233 | 0.00              | 0.00 | 0.00 | 1.00 |
| M10      | 0.62 | LFTING CRANE, BARGE MTD, OVER 125 - 200 TON, 80' BOOM | 105 | A | B  | 40,000  | 0.05 | 50  | .000                   | .050 | .026 | 40  | .000                 | .040 | .021 | .000        | .254 | .254 | 0.00              | 0.00 | 0.00 | 1.10 |
| P10      | 0.00 | PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS      | 50  | A | B  | 6,000   | 0.35 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .339 | .339 | 0.00              | 0.00 | 0.00 | 0.80 |
| P20      | 0.00 | PILE HAMMERS, DOUBLE ACTING                           | 1   |   |    |         |      |     |                        |      |      |     |                      |      |      |             |      |      |                   |      |      |      |
| P20      | 0.10 | DIESEL  | 50  | A | B  | 6,000   | 0.35 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .339 | .339 | 0.00              | 0.00 | 0.00 | 1.10 |
| P20      | 0.20 | STEAM   | 50  | A | B  | 6,000   | 0.35 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .339 | .339 | 0.00              | 0.00 | 0.00 | 1.10 |
| P25      | 0.00 | PILE HAMMERS, SINGLE ACTING                           | 1   |   |    |         |      |     |                        |      |      |     |                      |      |      |             |      |      |                   |      |      |      |
| P25      | 0.10 | DIESEL  | 50  | A | B  | 6,000   | 0.35 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .339 | .339 | 0.00              | 0.00 | 0.00 | 1.00 |
| P25      | 0.20 | STEAM   | 50  | A | B  | 6,000   | 0.35 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .339 | .339 | 0.00              | 0.00 | 0.00 | 1.00 |
| P30      | 0.00 | PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY            | 50  | A | B  | 6,000   | 0.35 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .339 | .339 | 0.00              | 0.00 | 0.00 | 1.00 |
| P35      | 0.00 | PIPELAYERS  | 70  | A | B  | 15,000  | 0.25 | 35  | .350                   | .035 | .018 | 0   | .000                 | .000 | .000 | .000        | .000 | .424 | 0.00              | 0.00 | 0.00 | 1.05 |
| P35      | 0.00 |   | 70  | S | B  | 10,000  | 0.25 | 46  | .460                   | .046 | .024 | 0   | .000                 | .000 | .000 | .000        | .000 | .424 | 0.00              | 0.00 | 0.00 | 1.15 |
| P40      | 0.00 | PLATFORMS & MAN-LIFTS                                 | 20  | A | B  | 8,000   | 0.20 | 50  | .500                   | .050 | .026 | 0   | .000                 | .000 | .000 | .477        | .339 | .297 | 0.81              | 0.65 | 0.90 | 0.80 |

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION  | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT    |      |      | CARRIER      |      |      | FOG     |      |      | TIRE WEAR |      |      | RCF  |      |
|----------|------|--|----|---|----|--------|------|-----|--------------|------|------|--------------|------|------|---------|------|------|-----------|------|------|------|------|
|          |      |  |    |   |    |        |      |     | FUEL FACTORS |      |      | FUEL FACTORS |      |      | FACTORS |      |      | FACTORS   |      |      |      |      |
|          |      |  |    |   |    |        |      |     | E            | G    | D    | E            | G    | D    | E       | G    | D    | FT        | DT   | TT   |      |      |
| P45      | 0.00 | PUMPS, GROUT   | 95 | A | B  | 8,000  | 0.15 | 95  | .950         | .095 | .049 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.81 | 0.65 | 0.90 | 1.00 |
| P50      | 0.00 | PUMPS, WATER, CENTRIFUGAL, TRASH                         | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| P50      | 0.11 | SKID MOUNTED, ENGINE DRIVE                               | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.00 | 0.90 |
| P50      | 0.12 | SKID MOUNTED, ELECTRIC DRIVE                             | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.50 |
| P50      | 0.21 | WHEEL MOUNTED, ENGINE DRIVE                              | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.90 | 0.90 |
| P50      | 0.22 | WHEEL MOUNTED, ELECTRIC DRIVE                            | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .000 | .000      | 0.00 | 0.00 | 0.90 | 0.50 |
| P50      | 0.31 | HOSES, PUMP, SUCTION & DISCHARGE                         | 95 | A | B  | 4,000  | 0.10 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 1.50 |
| P55      | 0.00 | PUMPS, WATER, SUBMERSIBLE                                | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| P55      | 0.01 | ENGINE DRIVE   | 95 | A | B  | 10,000 | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.00 | 1.00 |
| P55      | 0.02 | ELECTRIC DRIVE   | 95 | A | B  | 10,000 | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.60 |
| P60      | 0.00 | PUMPS, WATER, CENTRIFUGAL, DEWATERING                    | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| P60      | 0.11 | SKID MOUNTED, ENGINE DRIVE                               | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.00 | 0.90 |
| P60      | 0.12 | SKID MOUNTED, ELECTRIC DRIVE                             | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.50 |
| P60      | 0.21 | WHEEL MOUNTED, ENGINE DRIVE                              | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.90 | 0.90 |
| P60      | 0.22 | WHEEL MOUNTED, ELECTRIC DRIVE                            | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .000 | .000      | 0.00 | 0.00 | 0.90 | 0.50 |
| P65      | 0.00 | PUMPS, WATER, DIAPHRAGM                                  | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| P65      | 0.11 | SKID MOUNTED, ENGINE DRIVE                               | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.00 | 0.90 |
| P65      | 0.12 | SKID MOUNTED, ELECTRIC DRIVE                             | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.50 |
| P65      | 0.21 | WHEEL MOUNTED, ENGINE DRIVE                              | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.90 | 0.80 |
| P65      | 0.22 | WHEEL MOUNTED, ELECTRIC DRIVE                            | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .000 | .000      | 0.00 | 0.00 | 0.90 | 0.40 |
| P70      | 0.00 | PUMPS, WATER (FOR CORE DRILLS)                           | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| P70      | 0.01 | ENGINE DRIVE   | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .403      | 0.00 | 0.00 | 0.00 | 0.80 |
| P70      | 0.02 | ELECTRIC DRIVE   | 95 | A | B  | 8,000  | 0.25 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .477 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.40 |
| R10      | 0.00 | RIPPERS & HYDRAULIC BANK SLOPERS(no point wear included) | 70 | A | B  | 8,000  | 0.20 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.90 |
| R10      | 0.00 |  | 70 | S | B  | 6,500  | 0.20 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 1.00 |
| R15      | 0.00 | ROLLERS, STATIC, TOWED, PNEUMATIC                        | 55 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.76 | 0.60 | 0.84 | 0.70 |
| R20      | 0.00 | ROLLERS, STATIC, TOWED, STEEL DRUM                       | 55 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.76 | 0.60 | 0.84 | 0.80 |
| R30      | 0.00 | ROLLERS, STATIC, SELF-PROPELLED                          | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| R30      | 0.01 | PNEUMATIC  | 55 | A | B  | 8,000  | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.76 | 0.60 | 0.84 | 0.70 |
| R30      | 0.02 | SMOOTH DRUM  | 55 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.76 | 0.60 | 0.84 | 0.80 |
| R30      | 0.03 | TAMPING FOOT   | 55 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.76 | 0.60 | 0.84 | 0.80 |
| R40      | 0.00 | ROLLERS, VIBRATORY, TOWED                                | 55 | A | B  | 8,000  | 0.20 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.76 | 0.60 | 0.84 | 0.80 |

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION                                     | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT    |      |      | CARRIER      |      |      | FOG     |      |      | TIRE WEAR |      |      | RCF  |      |
|----------|------|---|----|---|----|--------|------|-----|--------------|------|------|--------------|------|------|---------|------|------|-----------|------|------|------|------|
|          |      |   |    |   |    |        |      |     | FUEL FACTORS |      |      | FUEL FACTORS |      |      | FACTORS |      |      | FACTORS   |      |      |      |      |
|          |      |   |    |   |    |        |      |     | E            | G    | D    | E            | G    | D    | E       | G    | D    | FT        | DT   | TT   |      |      |
| R45      | 0.00 | ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM | 55 | A | B  | 8,000  | 0.20 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.76 | 0.60 | 0.84 | 1.10 |
| R50      | 0.00 | ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM | 55 | A | B  | 8,000  | 0.20 | 90  | .900         | .090 | .046 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.76 | 0.60 | 0.84 | 1.00 |
| R55      | 0.00 | ROOFING EQUIPMENT                               | 95 | A | B  | 6,000  | 0.15 | 60  | .600         | .060 | .031 | 0            | .000 | .000 | .000    | .477 | .254 | .254      | 0.00 | 0.00 | 0.90 | 0.80 |
| S10      | 0.00 | SCRAPERS, ELEVATING                             | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| S10      | 0.01 | 0 THRU 200 HP                                   | 60 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .000 | .424      | 0.59 | 0.33 | 0.65 | 0.75 |
| S10      | 0.01 |   | 60 | S | B  | 8,000  | 0.20 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .000 | .424      | 0.39 | 0.19 | 0.43 | 0.80 |
| S10      | 0.02 | OVER 200 HP                                     | 60 | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .000 | .339      | 0.59 | 0.33 | 0.65 | 0.65 |
| S10      | 0.02 |   | 60 | S | B  | 8,000  | 0.15 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .000 | .339      | 0.39 | 0.19 | 0.43 | 0.70 |
| S15      | 0.00 | SCRAPERS, CONVENTIONAL                          | 60 | A | B  | 17,000 | 0.15 | 60  | .600         | .060 | .031 | 0            | .000 | .000 | .000    | .000 | .000 | .339      | 0.59 | 0.33 | 0.65 | 0.65 |
| S15      | 0.00 |   | 60 | S | B  | 12,000 | 0.15 | 78  | .780         | .078 | .040 | 0            | .000 | .000 | .000    | .000 | .000 | .339      | 0.39 | 0.19 | 0.43 | 0.70 |
| S20      | 0.00 | SCRAPERS, TANDEM POWERED                        | 60 | A | B  | 17,000 | 0.15 | 62  | .620         | .062 | .032 | 62           | .620 | .062 | .032    | .000 | .000 | .276      | 0.59 | 0.33 | 0.65 | 0.65 |
| S20      | 0.00 |   | 60 | S | B  | 12,000 | 0.15 | 81  | .810         | .081 | .042 | 81           | .810 | .081 | .042    | .000 | .000 | .276      | 0.39 | 0.19 | 0.43 | 0.70 |
| S25      | 0.00 | SCRAPERS, TRACTOR DRAWN                         | 60 | A | B  | 12,000 | 0.20 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.65 | 0.00 | 0.72 | 0.70 |
| S25      | 0.00 |   | 60 | S | B  | 10,000 | 0.20 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.50 | 0.00 | 0.55 | 0.75 |
| S30      | 0.00 | SCREENING & CRUSHING PLANTS                     | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| S30      | 0.10 | CONVEYORS                                       | 95 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.60 | 0.60 | 0.84 | 0.70 |
| S30      | 0.20 | CRUSHERS  | 95 | A | B  | 10,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.60 | 0.60 | 0.84 | 1.00 |
| S30      | 0.30 | SCREENING PLANT                                 | 95 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.60 | 0.60 | 0.84 | 0.80 |
| S35      | 0.00 | SNOW REMOVAL EQUIPMENT                          | 95 | A | B  | 8,000  | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .000 | .297      | 0.59 | 0.33 | 0.65 | 0.80 |
| S40      | 0.00 | SOIL & ROAD STABILIZERS                         | 60 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .000 | .297      | 0.59 | 0.33 | 0.65 | 0.85 |
| S40      | 0.00 |   | 60 | S | B  | 8,000  | 0.20 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .000 | .297      | 0.39 | 0.19 | 0.43 | 0.95 |
| S45      | 0.00 | SPLITTERS, ROCK & CONCRETE                      | 95 | A | B  | 6,000  | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .339 | .339      | 0.00 | 0.00 | 0.00 | 1.00 |
| T10      | 0.00 | TRACTOR BLADES & ATTACHMENTS                    | 70 | A | B  | 10,000 | 0.20 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.80 |
| T10      | 0.00 |   | 70 | S | B  | 8,000  | 0.20 | 0   | .000         | .000 | .000 | 0            | .000 | .000 | .000    | .000 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.90 |
| T15      | 0.00 | TRACTORS, CRAWLER (DOZER) (includes blade)      | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| T15      | 0.01 | 0 THRU 225 HP                                   | 70 | A | B  | 10,000 | 0.25 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .000 | .000 | .382      | 0.00 | 0.00 | 0.00 | 1.20 |
| T15      | 0.01 |   | 70 | S | B  | 8,000  | 0.25 | 91  | .910         | .091 | .047 | 0            | .000 | .000 | .000    | .000 | .000 | .382      | 0.00 | 0.00 | 0.00 | 1.30 |
| T15      | 0.02 | 226 HP THRU 425 HP                              | 70 | A | B  | 18,000 | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .000 | .000 | .297      | 0.00 | 0.00 | 0.00 | 1.00 |
| T15      | 0.02 |   | 70 | S | B  | 15,000 | 0.20 | 91  | .910         | .091 | .047 | 0            | .000 | .000 | .000    | .000 | .000 | .297      | 0.00 | 0.00 | 0.00 | 1.10 |
| T15      | 0.03 | OVER 425 HP                                     | 70 | A | B  | 22,000 | 0.15 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .000 | .000 | .254      | 0.00 | 0.00 | 0.00 | 1.10 |
| T15      | 0.03 |   | 70 | S | B  | 15,000 | 0.15 | 91  | .910         | .091 | .047 | 0            | .000 | .000 | .000    | .000 | .000 | .254      | 0.00 | 0.00 | 0.00 | 1.20 |
| T20      | 0.00 | TRACTORS, WHEEL TYPE (DOZER)                    | 75 | A | B  | 12,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .297      | 0.73 | 0.44 | 0.00 | 0.60 |

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION                                    | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT FUEL FACTORS |      |      | HPF | CARRIER FUEL FACTORS |      |      | FOG FACTORS |      |      | TIRE WEAR FACTORS |      |      | RCF  |
|----------|------|--|----|---|----|--------|------|-----|------------------------|------|------|-----|----------------------|------|------|-------------|------|------|-------------------|------|------|------|
|          |      |  |    |   |    |        |      |     | E                      | G    | D    |     | E                    | G    | D    | E           | G    | D    | FT                | DT   | TT   |      |
| T20      | 0.00 |  | 75 | S | B  | 8,000  | 0.15 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .254 | .297 | 0.38              | 0.21 | 0.00 | 0.65 |
| T25      | 0.00 | TRACTORS, AGRICULTURAL                         | 1  |   |    |        |      |     |                        |      |      |     |                      |      |      |             |      |      |                   |      |      |      |
| T25      | 0.10 | CRAWLER  | 75 | A | B  | 10,000 | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .254 | .297 | 0.73              | 0.44 | 0.00 | 0.70 |
| T25      | 0.20 | WHEEL  | 75 | A | B  | 8,000  | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .254 | .297 | 0.73              | 0.44 | 0.00 | 0.70 |
| T30      | 0.00 | TRENCHERS, CHAIN TYPE CUTTER                   | 80 | A | B  | 8,000  | 0.20 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .297 | .297 | 0.91              | 0.68 | 0.00 | 0.90 |
| T30      | 0.00 |  | 80 | S | B  | 6,500  | 0.20 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .297 | .297 | 0.77              | 0.48 | 0.00 | 1.00 |
| T35      | 0.00 | TRENCHERS, WHEEL TYPE CUTTER                   | 80 | A | B  | 10,000 | 0.20 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .297 | .297 | 0.91              | 0.68 | 0.00 | 0.90 |
| T35      | 0.00 |  | 80 | S | B  | 8,000  | 0.20 | 85  | .850                   | .085 | .044 | 0   | .000                 | .000 | .000 | .000        | .297 | .297 | 0.77              | 0.48 | 0.00 | 1.00 |
| T40      | 0.00 | TRUCK OPTIONS                                  | 1  |   |    |        |      |     |                        |      |      |     |                      |      |      |             |      |      |                   |      |      |      |
| T40      | 0.10 | CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING | 95 | A | B  | 8,000  | 0.20 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .339 | .339 | 0.00              | 0.00 | 0.00 | 0.80 |
| T40      | 0.20 | DUMP BODY, REAR                                | 95 | A | B  | 8,000  | 0.20 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.00 | 0.70 |
| T40      | 0.20 |  | 95 | S | B  | 6,500  | 0.20 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.00 | 0.80 |
| T40      | 0.30 | FLATBEDS, WITH SIDES                           | 95 | A | B  | 8,000  | 0.20 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.00 | 0.60 |
| T40      | 0.41 | HOIST, ELECTRIC DRIVE                          | 95 | A | B  | 8,000  | 0.20 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .339 | .339 | 0.00              | 0.00 | 0.00 | 0.70 |
| T40      | 0.50 | TRANSIT MIXERS                                 | 95 | A | B  | 8,000  | 0.15 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .339 | .339 | 0.00              | 0.00 | 0.65 | 0.70 |
| T40      | 0.60 | WATER TANKS                                    | 95 | A | B  | 8,000  | 0.20 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .339 | .339 | 0.00              | 0.00 | 0.00 | 0.60 |
| T40      | 0.70 | ALL OTHER OPTIONS                              | 95 | A | B  | 8,000  | 0.20 | 65  | .650                   | .065 | .033 | 0   | .000                 | .000 | .000 | .477        | .339 | .339 | 0.56              | 0.40 | 0.62 | 0.70 |
| T45      | 0.00 | TRUCK TRAILERS                                 | 1  |   |    |        |      |     |                        |      |      |     |                      |      |      |             |      |      |                   |      |      |      |
| T45      | 0.10 | BOTTOM DUMP                                    | 95 | A | B  | 10,000 | 0.15 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.65 | 0.70 |
| T45      | 0.10 |  | 95 | S | B  | 8,000  | 0.15 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.54 | 0.80 |
| T45      | 0.20 | END DUMP                                       | 95 | A | B  | 10,000 | 0.15 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.65 | 0.65 |
| T45      | 0.20 |  | 95 | S | B  | 8,000  | 0.15 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.54 | 0.75 |
| T45      | 0.30 | PUP TRAILER                                    | 95 | A | B  | 8,000  | 0.15 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.65 | 0.60 |
| T45      | 0.41 | LOWBOY, RIGID NECK, DROP DECK                  | 95 | A | B  | 10,000 | 0.30 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.65 | 0.50 |
| T45      | 0.50 | FLATBED TRAILER                                | 95 | A | B  | 10,000 | 0.30 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.65 | 0.50 |
| T45      | 0.60 | MISCELLANEOUS / UTILITY                        | 95 | A | B  | 10,000 | 0.30 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.65 | 0.50 |
| T45      | 0.70 | WATER TANKER TRAILER                           | 95 | A | B  | 10,000 | 0.30 | 65  | .000                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .297 | .254 | 0.00              | 0.00 | 0.65 | 0.60 |
| T45      | 0.80 | DECONTAMINATION FACILITY                       | 95 | A | B  | 8,000  | 0.30 | 0   | .000                   | .000 | .000 | 0   | .000                 | .000 | .000 | .000        | .000 | .000 | 0.00              | 0.00 | 0.65 | 0.70 |
| T45      | 0.90 | TANK TRAILERS                                  | 95 | A | B  | 10,000 | 0.30 | 65  | .000                   | .065 | .033 | 0   | .000                 | .000 | .000 | .000        | .297 | .254 | 0.00              | 0.00 | 0.65 | 0.70 |
| T50      | 0.00 | TRUCKS, HIGHWAY (add attachments as required)  | 1  |   |    |        |      |     |                        |      |      |     |                      |      |      |             |      |      |                   |      |      |      |
| T50      | 0.01 | 0 THRU 10,000 GVW                              | 85 | A | S  | 7,000  | 0.25 | 15  | .150                   | .015 | .008 | 0   | .000                 | .000 | .000 | .000        | .297 | .254 | 0.41              | 0.29 | 0.00 | 0.70 |
| T50      | 0.01 |  | 85 | S | S  | 5,500  | 0.25 | 20  | .200                   | .020 | .010 | 0   | .000                 | .000 | .000 | .000        | .297 | .254 | 0.36              | 0.22 | 0.00 | 0.75 |

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION   | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT    |      |      | CARRIER      |      |      | FOG     |      |      | TIRE WEAR |      |      | RCF  |      |
|----------|------|---|----|---|----|--------|------|-----|--------------|------|------|--------------|------|------|---------|------|------|-----------|------|------|------|------|
|          |      |   |    |   |    |        |      |     | FUEL FACTORS |      |      | FUEL FACTORS |      |      | FACTORS |      |      | FACTORS   |      |      |      |      |
|          |      |   |    |   |    |        |      |     | E            | G    | D    | E            | G    | D    | E       | G    | D    | FT        | DT   | TT   |      |      |
| T50      | 0.02 | OVER 10,000 THRU 30,000 GVW(CHASSIS ONLY-ADD OPTION | 85 | A | S  | 8,000  | 0.25 | 35  | .350         | .035 | .018 | 0            | .000 | .000 | .000    | .000 | .318 | .276      | 0.49 | 0.39 | 0.00 | 0.65 |
| T50      | 0.02 |   | 85 | S | S  | 6,500  | 0.25 | 46  | .460         | .046 | .024 | 0            | .000 | .000 | .000    | .000 | .318 | .276      | 0.42 | 0.30 | 0.00 | 0.70 |
| T50      | 0.03 | OVER 30,000 GVW (CHASSIS ONLY-ADD OPTIONS)          | 85 | A | S  | 8,000  | 0.20 | 50  | .500         | .050 | .026 | 0            | .000 | .000 | .000    | .000 | .339 | .297      | 0.51 | 0.38 | 0.57 | 0.65 |
| T50      | 0.03 |   | 85 | S | S  | 6,500  | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .339 | .297      | 0.43 | 0.29 | 0.48 | 0.75 |
| T55      | 0.00 | TRUCKS, OFF-HIGHWAY                                 | 90 | A | B  | 25,000 | 0.15 | 40  | .400         | .040 | .021 | 0            | .000 | .000 | .000    | .000 | .000 | .360      | 0.59 | 0.36 | 0.65 | 0.60 |
| T55      | 0.00 |   | 90 | S | B  | 20,000 | 0.15 | 52  | .520         | .052 | .027 | 0            | .000 | .000 | .000    | .000 | .000 | .360      | 0.39 | 0.21 | 0.43 | 0.70 |
| T56      | 0.00 | TRUCKS,OFF-HIGHWAY/PRIME MOVER TRACTORS & WAGONS    | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| T56      | 0.10 | PRIME MOVER TRACTORS                                | 90 | A | B  | 18,000 | 0.15 | 40  | .400         | .040 | .021 | 0            | .000 | .000 | .000    | .000 | .254 | .360      | 0.59 | 0.36 | 0.65 | 0.60 |
| T56      | 0.10 |   | 90 | S | B  | 12,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.39 | 0.22 | 0.43 | 0.70 |
| T56      | 0.20 | WAGONS, BOTTOM DUMP                                 | 90 | A | B  | 15,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.59 | 0.39 | 0.65 | 0.65 |
| T56      | 0.20 |   | 90 | S | B  | 10,000 | 0.15 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.39 | 0.22 | 0.43 | 0.75 |
| T56      | 0.30 | WAGONS, REAR DUMP                                   | 90 | A | B  | 12,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.59 | 0.39 | 0.65 | 0.60 |
| T57      | 0.00 | TRUCKS, VACUUM                                      | 95 | A | B  | 10,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .297      | 0.81 | 0.65 | 0.90 | 0.80 |
| T60      | 0.00 | TRUCKS, WATER, OFF-HIGHWAY                          | 90 | A | B  | 12,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.73 | 0.55 | 0.81 | 0.70 |
| T60      | 0.00 |   | 90 | S | B  | 10,000 | 0.20 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.56 | 0.40 | 0.62 | 0.80 |
| T65      | 0.00 | TUNNEL/MINING EQUIPMENT                             | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| T65      | 0.10 | DRIFTING & TUNNELING DRILLS                         | 25 | A | B  | 14,000 | 0.15 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .530 | .339 | .297      | 0.67 | 0.57 | 0.00 | 0.90 |
| T65      | 0.20 | TUNNEL BORING MACHINES                              | 95 | A | B  | 18,000 | 0.15 | 70  | .700         | .000 | .000 | 0            | .000 | .000 | .000    | .530 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.70 |
| T65      | 0.20 |   | 95 | S | B  | 16,000 | 0.15 | 91  | .910         | .000 | .000 | 0            | .000 | .000 | .000    | .530 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.80 |
| T65      | 0.30 | PRODUCTION DRILLING RIGS                            | 25 | A | B  | 12,000 | 0.15 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .530 | .339 | .297      | 0.67 | 0.57 | 0.00 | 0.90 |
| T65      | 0.40 | ROADHEADERS & CONTINUOUS MINERS                     | 95 | A | B  | 16,000 | 0.15 | 70  | .700         | .000 | .000 | 0            | .000 | .000 | .000    | .530 | .000 | .000      | 0.00 | 0.00 | 0.00 | 0.90 |
| T65      | 0.40 |   | 95 | S | B  | 14,000 | 0.15 | 91  | .910         | .000 | .000 | 0            | .000 | .000 | .000    | .530 | .000 | .000      | 0.00 | 0.00 | 0.00 | 1.00 |
| T65      | 0.50 | ROCK BOLTING EQUIPMENT                              | 95 | A | B  | 10,000 | 0.20 | 80  | .800         | .080 | .041 | 10           | .100 | .010 | .006    | .530 | .339 | .297      | 0.67 | 0.57 | 0.00 | 0.80 |
| T65      | 0.61 | LOADING & HAULING EQUIPMENT, DIESEL OR GAS          | 95 | A | B  | 12,000 | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .000 | .339 | .318      | 0.70 | 0.42 | 0.00 | 0.75 |
| T65      | 0.62 | LOADING & HAULING EQUIPMENT, ELECTRIC               | 95 | A | B  | 14,000 | 0.20 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .477 | .254 | .254      | 0.70 | 0.42 | 0.00 | 0.70 |
| T65      | 0.63 | LOADING & HAULING EQUIPMENT, AIR-POWERED            | 95 | A | B  | 10,000 | 0.25 | 70  | .700         | .070 | .036 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.70 | 0.42 | 0.00 | 0.65 |
| T65      | 0.70 | LOCOMOTIVES   | 95 | A | B  | 12,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .477 | .339 | .297      | 0.00 | 0.00 | 0.00 | 0.75 |
| T65      | 0.90 | OTHER TUNNELING EQUIPMENT                           | 95 | A | B  | 10,000 | 0.20 | 70  | .700         | .070 | .036 | 13           | .130 | .013 | .007    | .477 | .339 | .318      | 0.70 | 0.42 | 0.00 | 0.80 |
| W10      | 0.00 | WAGONS, BOTTOM DUMP                                 | 90 | A | B  | 12,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.59 | 0.39 | 0.65 | 0.65 |
| W10      | 0.00 |   | 90 | S | B  | 10,000 | 0.15 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.39 | 0.22 | 0.43 | 0.75 |
| W15      | 0.00 | WAGONS, REAR DUMP                                   | 90 | A | B  | 12,000 | 0.15 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.59 | 0.39 | 0.65 | 0.60 |
| W15      | 0.00 |   | 90 | S | B  | 10,000 | 0.15 | 85  | .850         | .085 | .044 | 0            | .000 | .000 | .000    | .000 | .254 | .339      | 0.39 | 0.22 | 0.43 | 0.70 |

## APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

| CATEGORY | SUB  | DESCRIPTION                   | EK | C | DC | LIFE   | SLV  | HPF | EQUIPMENT    |      |      | CARRIER      |      |      | FOG     |      |      | TIRE WEAR |      |      | RCF  |      |
|----------|------|-------------------------------|----|---|----|--------|------|-----|--------------|------|------|--------------|------|------|---------|------|------|-----------|------|------|------|------|
|          |      |                               |    |   |    |        |      |     | FUEL FACTORS |      |      | FUEL FACTORS |      |      | FACTORS |      |      | FACTORS   |      |      |      |      |
|          |      |                               |    |   |    |        |      |     | E            | G    | D    | E            | G    | D    | E       | G    | D    | FT        | DT   | TT   |      |      |
| W25      | 0.00 | WATER & CO2 BLASTERS          | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| W25      | 0.10 | LOW PRESSURE, (< 5,000 PSI)   | 95 | A | B  | 4,000  | 0.20 | 95  | .950         | .095 | .049 | 0            | .000 | .000 | .000    | .424 | .254 | .297      | 0.77 | 0.73 | 0.90 | 1.10 |
| W25      | 0.20 | HIGH PRESSURE, (>= 5,000 PSI) | 95 | A | B  | 6,000  | 0.20 | 95  | .950         | .095 | .049 | 0            | .000 | .000 | .000    | .424 | .254 | .297      | 0.77 | 0.73 | 0.90 | 1.20 |
| W25      | 0.30 | STEAM CLEANERS                | 95 | A | B  | 4,000  | 0.20 | 95  | .950         | .095 | .049 | 0            | .000 | .000 | .000    | .424 | .254 | .297      | 0.77 | 0.73 | 0.90 | 1.10 |
| W25      | 0.40 | CO2 BLASTERS                  | 95 | A | B  | 8,000  | 0.20 | 70  | .700         | .000 | .000 | 0            | .000 | .000 | .000    | .530 | .000 | .000      | 0.77 | 0.73 | 0.90 | 1.00 |
| W30      | 0.00 | WATER TANKS                   | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| W30      | 0.10 | PORTABLE WITH WHEELS          | 90 | A | B  | 12,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .297      | 0.77 | 0.73 | 0.90 | 0.60 |
| W30      | 0.20 | SKID MOUNTED                  | 90 | A | B  | 12,000 | 0.20 | 65  | .650         | .065 | .033 | 0            | .000 | .000 | .000    | .000 | .254 | .297      | 0.00 | 0.00 | 0.90 | 0.50 |
| W35      | 0.00 | WELDERS                       | 1  |   |    |        |      |     |              |      |      |              |      |      |         |      |      |           |      |      |      |      |
| W35      | 0.10 | ENGINE DRIVEN                 | 95 | A | B  | 8,000  | 0.30 | 80  | .800         | .080 | .041 | 0            | .000 | .000 | .000    | .000 | .254 | .254      | 0.00 | 0.00 | 0.90 | 0.75 |
| W35      | 0.20 | ELECTRIC DRIVEN               | 95 | A | B  | 6,000  | 0.25 | 30  | .300         | .030 | .016 | 0            | .000 | .000 | .000    | .424 | .000 | .000      | 0.00 | 0.00 | 0.90 | 0.50 |

**APPENDIX E**

**ECONOMIC INDEXES  
FOR  
CONSTRUCTION EQUIPMENT**

## APPENDIX E. ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT

| KEY  |  | Note: Table 2-1 Equipment Rates are based on equipment purchased new in the year 1996 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| (EK) | EQUIPMENT DIVISIONS                                  | {--Projected-----}  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      |  | 2001  | 2000 | 1999 | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 |
| 5    | Air Equipment  | 2094  | 2088 | 2083 | 2074 | 2070 | 2063 | 2053 | 2012 | 2022 | 2008 | 1963 | 1956 | 1888 | 1801 | 1730 | 1720 | 1733 | 1683 | 1695 |
| 10   | Asphalt & Concrete Paving Equipment                  | 3863  | 3772 | 3672 | 3589 | 3489 | 3390 | 3323 | 3248 | 3189 | 3092 | 3106 | 2967 | 2867 | 2793 | 2730 | 2687 | 2687 | 2611 | 2583 |
| 15   | Buckets  | 7191  | 7116 | 7038 | 6930 | 6888 | 6774 | 6672 | 6638 | 6663 | 6380 | 5901 | 5640 | 5314 | 4872 | 4767 | 4713 | 4640 | 4527 | 4471 |
| 20   | Cranes, Draglines & Clamshells - Crawler & Truck Mtd | 5563  | 5449 | 5343 | 5225 | 5116 | 5013 | 4880 | 4783 | 4736 | 4540 | 4298 | 4152 | 3967 | 3688 | 3595 | 3485 | 3395 | 3339 | 3282 |
| 25   | Drills   | 3831  | 3763 | 3711 | 3621 | 3574 | 3518 | 3394 | 3320 | 3268 | 3196 | 3163 | 3069 | 2969 | 2807 | 2792 | 2786 | 2832 | 2803 | 2836 |
| 30   | Generators   | 4557  | 4533 | 4530 | 4517 | 4483 | 4511 | 4457 | 4343 | 4294 | 4234 | 4181 | 4116 | 3998 | 3773 | 3575 | 3514 | 3510 | 3400 | 3314 |
| 35   | Graders, Motor                                       | 6130  | 5971 | 5862 | 5683 | 5544 | 5466 | 5186 | 5088 | 4946 | 4655 | 4509 | 4359 | 4219 | 4010 | 3914 | 3759 | 3738 | 3645 | 3643 |
| 40   | Loaders, Track                                       | 6125  | 6010 | 5918 | 5791 | 5687 | 5606 | 5434 | 5257 | 5068 | 4816 | 4677 | 4555 | 4404 | 4163 | 3918 | 3770 | 3767 | 3791 | 3792 |
| 45   | Loaders, Wheel                                       | 5683  | 5582 | 5505 | 5404 | 5303 | 5251 | 5101 | 4988 | 4894 | 4758 | 4640 | 4532 | 4409 | 4235 | 4099 | 3991 | 3973 | 3944 | 3873 |
| 50   | Pile Driving Equipment                               | 5276  | 5178 | 5087 | 4991 | 4892 | 4809 | 4700 | 4598 | 4539 | 4427 | 4305 | 4182 | 4029 | 3845 | 3745 | 3668 | 3626 | 3570 | 3519 |
| 55   | Rollers  | 5319  | 5237 | 5166 | 5091 | 5001 | 4950 | 4851 | 4719 | 4484 | 4460 | 4668 | 4630 | 4507 | 4412 | 4217 | 4151 | 4090 | 3926 | 3744 |
| 60   | Scrapers & Soil Stabilizers                          | 6130  | 5971 | 5862 | 5683 | 5544 | 5466 | 5186 | 5088 | 4946 | 4655 | 4509 | 4359 | 4219 | 4010 | 3914 | 3759 | 3738 | 3645 | 3643 |
| 65   | Shovels, Backhoes & Hydraulic Excavators             | 5563  | 5449 | 5343 | 5225 | 5116 | 5013 | 4880 | 4783 | 4736 | 4540 | 4298 | 4152 | 3967 | 3688 | 3595 | 3485 | 3395 | 3339 | 3282 |
| 70   | Tractors, Crawlers & Attachments                     | 6125  | 6010 | 5918 | 5791 | 5687 | 5606 | 5434 | 5257 | 5068 | 4816 | 4677 | 4555 | 4404 | 4163 | 3918 | 3770 | 3767 | 3791 | 3792 |
| 75   | Tractor, Wheel                                       | 4887  | 4826 | 4747 | 4698 | 4624 | 4540 | 4527 | 4484 | 4342 | 4270 | 4186 | 4123 | 4018 | 3936 | 3862 | 3820 | 3818 | 3656 | 3557 |
| 80   | Trenchers  | 6411  | 6267 | 6121 | 6040 | 5832 | 5749 | 5670 | 5509 | 5207 | 5015 | 4948 | 4886 | 4753 | 4679 | 4600 | 4586 | 4488 | 4431 | 4360 |
| 85   | Trucks, Highway                                      | 4101  | 4130 | 4184 | 4210 | 4241 | 4318 | 4293 | 4190 | 4025 | 3838 | 3669 | 3546 | 3495 | 3363 | 3299 | 3282 | 3139 | 3055 | 2934 |
| 90   | Trucks & Wagons - Off-Highway                        | 6025  | 5912 | 5807 | 5649 | 5581 | 5440 | 5265 | 4979 | 4837 | 4797 | 4739 | 4617 | 4405 | 4094 | 3915 | 3840 | 3822 | 3786 | 3744 |
| 95   | All Other Equipment                                  | 5276  | 5178 | 5087 | 4991 | 4892 | 4809 | 4700 | 4598 | 4539 | 4427 | 4305 | 4182 | 4029 | 3845 | 3745 | 3668 | 3626 | 3570 | 3519 |
| 100  | All Tires & Tubes                                    | 2400  | 2400 | 2400 | 2400 | 2431 | 2475 | 2559 | 2517 | 2525 | 2524 | 2506 | 2470 | 2480 | 2399 | 2322 | 2340 | 2374 | 2421 | 2453 |
| 105  | Marine Equipment                                     | 5984  | 5844 | 5710 | 5513 | 5429 | 5245 | 5036 | 4951 | 4881 | 4679 | 4438 | 4271 | 4091 | 3920 | 3886 | 3863 | 3749 | 3633 | 3497 |

**EK = ECONOMIC KEY**



## APPENDIX E. ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT

| KEY  |  | Note: Table 2-1 Equipment Rates are based on equipment purchased new in the year 1996 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |  | 1982  | 1981 | 1980 | 1979 | 1978 | 1977 | 1976 | 1975 | 1974 | 1973 | 1972 | 1971 | 1970 | 1969 | 1968 | 1967 | 1966 | 1965 |
| (EK) | EQUIPMENT DIVISIONS                                  |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 5    | Air Equipment  | 1668  | 1563 | 1630 | 1521 | 1354 | 1295 | 1186 | 1165 | 1028 | 935  | 920  | 929  | 936  | 918  | 970  | 1000 | 992  | 954  |
| 10   | Asphalt & Concrete Paving Equipment                  | 2620  | 2461 | 2296 | 2111 | 1941 | 1815 | 1686 | 1610 | 1451 | 1304 | 1263 | 1235 | 1163 | 1091 | 1044 | 1000 | 963  | 931  |
| 15   | Buckets  | 4541  | 4313 | 3879 | 3280 | 2963 | 2738 | 2520 | 2175 | 1838 | 1430 | 1370 | 1316 | 1188 | 1062 | 1025 | 1000 | 1000 | 1003 |
| 20   | Cranes, Draglines & Clamshells - Crawler & Truck Mtd | 3213  | 3009 | 2782 | 2512 | 2301 | 2138 | 2010 | 1843 | 1522 | 1305 | 1260 | 1212 | 1147 | 1090 | 1049 | 1000 | 967  | 930  |
| 25   | Drills   | 2810  | 2602 | 2265 | 1993 | 1858 | 1699 | 1638 | 1559 | 1373 | 1249 | 1184 | 1160 | 1115 | 1052 | 1037 | 1000 | 993  | 971  |
| 30   | Generators   | 3236  | 3160 | 2817 | 2390 | 2301 | 2128 | 2053 | 1839 | 1456 | 1316 | 1293 | 1243 | 1188 | 1089 | 1029 | 1000 | 947  | 924  |
| 35   | Graders, Motor                                       | 3561  | 3276 | 2992 | 2687 | 2492 | 2259 | 2109 | 1956 | 1604 | 1361 | 1244 | 1208 | 1152 | 1101 | 1053 | 1000 | 975  | 951  |
| 40   | Loaders, Track                                       | 3655  | 3349 | 3061 | 2750 | 2482 | 2247 | 2053 | 1916 | 1573 | 1329 | 1219 | 1184 | 1135 | 1100 | 1079 | 1000 | 956  | 936  |
| 45   | Loaders, Wheel                                       | 3788  | 3441 | 2938 | 2606 | 2375 | 2156 | 2002 | 1907 | 1584 | 1362 | 1317 | 1261 | 1197 | 1144 | NA   | NA   | NA   | NA   |
| 50   | Pile Driving Equipment                               | 3439  | 3208 | 2894 | 2562 | 2329 | 2135 | 1989 | 1852 | 1523 | 1307 | 1257 | 1218 | 1159 | 1104 | NA   | NA   | NA   | NA   |
| 55   | Rollers  | 3431  | 3199 | 2913 | 2653 | 2396 | 2139 | 1983 | 1872 | 1556 | 1328 | 1279 | 1230 | 1178 | 1082 | 1049 | 1000 | 962  | 936  |
| 60   | Scrapers & Soil Stabilizers                          | 3561  | 3276 | 2992 | 2687 | 2492 | 2259 | 2109 | 1956 | 1604 | 1361 | 1244 | 1208 | 1152 | 1101 | 1053 | 1000 | 975  | 951  |
| 65   | Shovels, Backhoes & Hydraulic Excavators             | 3213  | 3009 | 2782 | 2512 | 2301 | 2138 | 2010 | 1843 | 1522 | 1305 | 1260 | 1212 | 1147 | 1090 | 1049 | 1000 | 967  | 930  |
| 70   | Tractors, Crawlers & Attachments                     | 3655  | 3349 | 3061 | 2750 | 2482 | 2247 | 2053 | 1916 | 1573 | 1329 | 1219 | 1184 | 1135 | 1100 | 1079 | 1000 | 956  | 936  |
| 75   | Tractor, Wheel                                       | 3530  | 3256 | 2927 | 2578 | 2319 | 2125 | 1956 | 1843 | 1498 | 1288 | 1251 | 1211 | 1152 | 1109 | 1050 | 1000 | 962  | 927  |
| 80   | Trenchers  | 4097  | 3618 | 3153 | 2772 | 2580 | 2300 | 1894 | 1633 | 1527 | 1384 | 1316 | 1284 | 1207 | 1113 | 1051 | 1000 | 990  | 961  |
| 85   | Trucks, Highway                                      | 2824  | 2638 | 2324 | 2108 | 1934 | 1775 | 1646 | 1524 | 1369 | 1230 | 1211 | 1185 | 1114 | 1062 | 1033 | 1000 | 980  | 975  |
| 90   | Trucks & Wagons - Off-Highway                        | 3662  | 3363 | 2964 | 2588 | 2364 | 2196 | 2081 | 1965 | 1568 | 1315 | 1293 | 1245 | 1190 | 1135 | NA   | NA   | NA   | NA   |
| 95   | All Other Equipment                                  | 3439  | 3208 | 2894 | 2562 | 2329 | 2135 | 1989 | 1852 | 1523 | 1307 | 1257 | 1218 | 1159 | 1104 | 1057 | 1000 | 965  | 936  |
| 100  | All Tires & Tubes                                    | 2552  | 2506 | 2369 | 2055 | 1792 | 1699 | 1615 | 1485 | 1334 | 1114 | NA   | NA   | NA   | NA   | NA   | NA   | NA   | NA   |
| 105  | Marine Equipment                                     | 3391  | 3239 | 2922 | 2587 | 2352 | 2156 | 2008 | 1870 | 1538 | 1320 | 1269 | 1230 | 1170 | 1115 | 1067 | 1000 | 974  | 945  |

EK = ECONOMIC KEY

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE   | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|----------|-------------|---------------------------|-----|-------------|------------------|
| <b><u>LT TRUCK/RECREATIONAL VEHICLE, RADIAL</u></b> |          |             |                           |     |             |                  |
| <b>WORKHORSE RADIAL</b>                             |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ABAA4)  | 800R165     | 8.00 x 16.50              | 8   | TL          | \$104            |
|   | (ABAA1)  | LT235/75R15 | 9.25 x 15.00              | 6   | TL          | \$89             |
|   | (ABAA3)  | LT265/75R16 | 10.40 x 16.00             | 6   | TL          | \$116            |
|   | (ABAA2)  | 31-1050R15  | 10.50 x 15.00             | 6   | TL          | \$108            |
| <b>WORKHORSE EXTRA GRIP RADIAL</b>                  |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ABAB1)  | P215/70R14  | 8.40 x 14.00              | S2  | TL          | \$77             |
|   | (ABAB2)  | P215/75R15  | 8.40 x 15.00              | S2  | TL          | \$79             |
|   | (ABAB4)  | LT235/75R15 | 9.25 x 15.00              | 6   | TL          | \$92             |
|   | (ABAB3)  | 31-1050R15  | 10.50 x 15.00             | 6   | TL          | \$114            |
| <b>SERVICE TRAILER - MARATHON RADIAL</b>            |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ABBF1)  | ST175/80R13 | 6.90 x 13.00              | 4   | TL          | \$56             |
|   | (ABBF2)  | ST175/80R13 | 6.90 x 13.00              | 6   | TL          | \$62             |
|   | (ABBF3)  | ST185/80R13 | 7.30 x 13.00              | 6   | TL          | \$66             |
|   | (ABBF4)  | ST205/75R14 | 8.10 x 14.00              | 4   | TL          | \$72             |
|   | (ABBF5)  | ST205/75R14 | 8.10 x 14.00              | 6   | TL          | \$80             |
|   | (ABBF7)  | ST205/75R15 | 8.10 x 15.00              | 4   | TL          | \$75             |
|   | (ABBF8)  | ST205/75R15 | 8.10 x 15.00              | 6   | TL          | \$83             |
|   | (ABBF6)  | ST215/75R14 | 8.40 x 14.00              | 6   | TL          | \$83             |
|   | (ABBF9)  | ST225/75R15 | 8.80 x 15.00              | 6   | TL          | \$93             |
|   | (ABBF10) | ST225/75R15 | 8.80 x 15.00              | 8   | TL          | \$102            |
| <b><u>LT TRUCK/RECREATIONAL VEHICLE, BIAS</u></b>   |          |             |                           |     |             |                  |
| <b>WORKHORSE RIB</b>                                |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ACBA1)  | 700-15      | 7.00 x 15.00              | 6   | TL          | \$73             |
|   | (ACBA2)  | 700-15      | 7.00 x 15.00              | 8   | TL          | \$77             |
|   | (ACBA4)  | 750-16      | 7.50 x 16.00              | 10  | TL          | \$90             |
|   | (ACBA3)  | 750-16      | 7.50 x 16.00              | 8   | TL          | \$84             |
|   | (ACBA5)  | 800-165     | 8.00 x 16.50              | 8   | TL          | \$80             |
|   | (ACBA7)  | 875-165     | 8.75 x 16.50              | 10  | TL          | \$92             |
|   | (ACBA6)  | 875-165     | 8.75 x 16.50              | 8   | TL          | \$84             |
|   | (ACBA9)  | 950-165     | 9.50 x 16.50              | 10  | TL          | \$101            |
|   | (ACBA8)  | 950-165     | 9.50 x 16.50              | 8   | TL          | \$92             |
| <b>SUPER HI-MILLER</b>                              |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ACBB1)  | 8/195       | 8.00 x 19.50              | 8   | TL          | \$209            |
| <b>TRACTION HI-MILER</b>                            |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ACBC1)  | 670-15      | 6.70 x 15.00              | 6   | TL          | \$72             |
|   | (ACBC2)  | 7-145       | 7.00 x 14.50              | 8   | TL          | \$123            |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE   | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|----------|-------------|---------------------------|-----|-------------|------------------|
|   | (ACBC3)  | 8-145       | 8.00 x 14.50              | 12  | TL          | \$150            |
|   | (ACBC4)  | 9-145       | 9.00 x 14.50              | 12  | TL          | \$168            |
| <b>CUSTOM HI-MILER</b>                                |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ACBD1)  | 12-165      | 12.00 x 16.50             | 12  | TL          | \$289            |
|   | (ACBD2)  | 14-175      | 14.00 x 17.50             | 10  | TL          | \$553            |
| <b>CUSTOM XTRA GRIP HI-MILER</b>                      |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ACBE1)  | 750-16      | 7.50 x 16.00              | 8   | TL          | \$166            |
|   | (ACBE2)  | 8-195       | 8.00 x 19.50              | 8   | TL          | \$211            |
| <b><u>OVER-THE-ROAD TRUCK, COMMERCIAL, RADIAL</u></b> |          |             |                           |     |             |                  |
| <b>COMMERCIAL RADIAL LT TRUCK</b>                     |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ADCA2)  | 750R16      | 7.50 x 16.00              | 10  | TL          | \$139            |
|   | (ADCA1)  | 750R16      | 7.50 x 16.00              | 8   | TL          | \$134            |
|   | (ADCA14) | 8R17.5LT    | 8.00 x 17.50              | 10  | TL          | \$160            |
|   | (ADCA18) | 8R19.5      | 8.00 x 19.50              | 12  | TL          | \$155            |
|   | (ADCA17) | 8R19.5      | 8.00 x 19.50              | 8   | TL          | \$150            |
|   | (ADCA4)  | LT215/85R16 | 8.40 x 16.00              | 10  | TL          | \$139            |
|   | (ADCA3)  | LT215/85R16 | 8.40 x 16.00              | 8   | TL          | \$134            |
|   | (ADCA13) | 875R16.5LT  | 8.75 x 16.50              | 10  | TL          | \$147            |
|   | (ADCA12) | 875R16.5    | 8.75 x 16.50              | 8   | TL          | \$143            |
|   | (ADCA6)  | LT225/75R16 | 8.85 x 16.00              | 10  | TL          | \$140            |
|   | (ADCA5)  | LT225/75R16 | 8.85 x 16.00              | 8   | TL          | \$133            |
|   | (ADCA19) | 225/70R19.5 | 8.85 x 19.50              | 12  | TL          | \$173            |
|   | (ADCA8)  | LT235/85R16 | 9.25 x 16.00              | 10  | TL          | \$148            |
|   | (ADCA9)  | LT235/85R16 | 9.25 x 16.00              | 14  | TL          | \$164            |
|   | (ADCA7)  | LT235/85R16 | 9.25 x 16.00              | 8   | TL          | \$141            |
|   | (ADCA16) | 950R16.5    | 9.50 x 16.50              | 10  | TL          | \$169            |
|   | (ADCA15) | 950R16.5    | 9.50 x 16.50              | 8   | TL          | \$164            |
|   | (ADCA11) | LT245/75R16 | 9.65 x 16.00              | 10  | TL          | \$148            |
|   | (ADCA10) | LT245/75R16 | 9.65 x 16.00              | 8   | TL          | \$141            |
|   | (ADCA20) | 245/70R19.5 | 9.65 x 19.50              | 12  | TL          | \$207            |
|   | (ADCA21) | 245/70R19.5 | 9.65 x 19.50              | 14  | TL          | \$213            |
| <b>COMMERCIAL RADIAL TRUCK TL</b>                     |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ADCB1)  | 8.5R17.5    | 8.50 x 17.50              | 12  | TL          | \$168            |
|   | (ADCB2)  | 9R17.5      | 9.00 x 17.50              | 16  | TL          | \$147            |
|   | (ADCB5)  | 9R22.5      | 9.00 x 22.50              | 12  | TL          | \$215            |
|   | (ADCB3)  | 10R17.5     | 10.00 x 17.50             | 16  | TL          | \$190            |
|   | (ADCB6)  | 10R22.5     | 10.00 x 22.50             | 12  | TL          | \$270            |
|   | (ADCB7)  | 10R22.5     | 10.00 x 22.50             | 14  | TL          | \$281            |
|   | (ADCB4)  | 11R17.5     | 11.00 x 17.50             | 16  | TL          | \$254            |
|   | (ADCB8)  | 11R22.5     | 11.00 x 22.50             | 14  | TL          | \$304            |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                                   | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|----------|-------------|---------------------------|-----|-------------|------------------|
|   | (ADCB9)  | 11R22.5     | 11.00 x 22.50             | 16  | TL          | \$317            |
|   | (ADCB12) | 11R24.5     | 11.00 x 24.50             | 14  | TL          | \$384            |
|   | (ADCB13) | 11R24.5     | 11.00 x 24.50             | 16  | TL          | \$400            |
|   | (ADCB10) | 12R22.5     | 12.00 x 22.50             | 16  | TL          | \$381            |
|   | (ADCB14) | 12R24.5     | 12.00 x 24.50             | 16  | TL          | \$462            |
|   | (ADCB11) | 13R22.5     | 13.00 x 22.50             | 18  | TL          | \$467            |
| <b>LOW PROFILE RADIAL TRUCK TL</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ADCC1)  | 215/75R17.5 | 8.40 x 17.50              | 16  | TL          | \$166            |
|   | (ADCC5)  | 245/75R22.5 | 9.60 x 22.50              | 14  | TL          | \$209            |
|   | (ADCC3)  | 255/70R22.5 | 10.00 x 22.50             | 16  | TL          | \$251            |
|   | (ADCC2)  | 265/70R19.5 | 10.40 x 19.50             | 14  | TL          | \$219            |
|   | (ADCC6)  | 265/75R22.5 | 10.40 x 22.50             | 14  | TL          | \$254            |
|   | (ADCC4)  | 275/70R22.5 | 10.80 x 22.50             | 16  | TL          | \$293            |
|   | (ADCC12) | 285/75R24.5 | 11.20 x 24.50             | 14  | TL          | \$320            |
|   | (ADCC7)  | 295/75R22.5 | 11.60 x 22.50             | 14  | TL          | \$299            |
|   | (ADCC8)  | 295/75R22.5 | 11.60 x 22.50             | 16  | TL          | \$337            |
|   | (ADCC9)  | 295/80R22.5 | 11.60 x 22.50             | 16  | TL          | \$366            |
|   | (ADCC10) | 315/80R22.5 | 12.40 x 22.50             | 18  | TL          | \$436            |
|   | (ADCC11) | 315/80R22.5 | 12.40 x 22.50             | 20  | TL          | \$436            |
| <b>SUPER SINGLE COMMERCIAL RADIAL TRUCK</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ADCD1)  | 385/65R22.5 | 15.10 x 22.50             | 18  | NO          | \$509            |
|   | (ADCD2)  | 425/65R22.5 | 16.70 x 22.50             | 18  | NO          | \$577            |
|   | (ADCD3)  | 445/65R22.5 | 17.50 x 22.50             | 20  | NO          | \$651            |
| <b>COMMERCIAL RADIAL TRUCK TT</b>           |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ADCE1)  | 8.25R15     | 8.25 x 15.00              | 14  | TT          | \$200            |
|   | (ADCE2)  | 8.25R15     | 8.25 x 15.00              | 18  | TT          | \$210            |
|   | (ADCE5)  | 8.25R20     | 8.25 x 20.00              | 12  | TT          | \$201            |
|   | (ADCE6)  | 9.00R20     | 9.00 x 20.00              | 12  | TT          | \$247            |
|   | (ADCE3)  | 10.00R15    | 10.00 x 15.00             | 14  | TT          | \$256            |
|   | (ADCE4)  | 10.00R15    | 10.00 x 15.00             | 18  | TT          | \$279            |
|   | (ADCE7)  | 10.00R20    | 10.00 x 20.00             | 14  | TT          | \$274            |
|   | (ADCE8)  | 10.00R20    | 10.00 x 20.00             | 16  | TT          | \$287            |
|   | (ADCE13) | 10.00R22    | 10.00 x 22.00             | 14  | TT          | \$316            |
|   | (ADCE12) | 365/80R20   | 10.40 x 20.00             | 18  | TT          | \$445            |
|   | (ADCE9)  | 11.00R20    | 11.00 x 20.00             | 14  | TT          | \$331            |
|   | (ADCE10) | 11.00R20    | 11.00 x 20.00             | 16  | TT          | \$331            |
|   | (ADCE14) | 11.00R22    | 11.00 x 22.00             | 16  | TT          | \$416            |
|   | (ADCE15) | 11.00R24    | 11.00 x 24.00             | 16  | TT          | \$401            |
|   | (ADCE11) | 12.00R20    | 12.00 x 20.00             | 18  | TT          | \$407            |
|   | (ADCE17) | 12.00R24    | 12.00 x 24.00             | 18  | TT          | \$442            |
|   | (ADCE16) | 14.00R20    | 14.00 x 20.00             | 20  | TT          | \$546            |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE   | EP CODE | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|---------|-------------|---------------------------|-----|-------------|------------------|
| <b><u>OVER-THE-ROAD TRUCK, COMMERCIAL, BIAS</u></b> |         |             |                           |     |             |                  |
| <b>COMMERCIAL BIAS PLY TRUCK TL</b>                 |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AEDA1) | 10-22.5     | 10.00 x 22.50             | 10  | TL          | \$184            |
|   | (AEDA2) | 11-22.5     | 11.00 x 22.50             | 12  | TL          | \$255            |
|   | (AEDA3) | 11-24.5     | 11.00 x 24.50             | 12  | TL          | \$234            |
| <b>COMMERCIAL BIAS PLY TRUCK TT</b>                 |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AEDB1) | 7.50-20     | 7.50 x 20.00              | 10  | TT          | \$119            |
|   | (AEDB2) | 8.25-20     | 8.25 x 20.00              | 10  | TT          | \$141            |
|   | (AEDB3) | 9.00-20     | 9.00 x 20.00              | 10  | TT          | \$170            |
|   | (AEDB4) | 9.00-20     | 9.00 x 20.00              | 12  | TT          | \$188            |
|   | (AEDB5) | 10.00-20    | 10.00 x 20.00             | 12  | TT          | \$219            |
|   | (AEDB6) | 10.00-20    | 10.00 x 20.00             | 14  | TT          | \$250            |
|   | (AEDB7) | 11.00-20    | 11.00 x 20.00             | 14  | TT          | \$295            |
|   | (AEDB8) | 12.00-20    | 12.00 x 20.00             | 14  | TT          | \$389            |
|   | (AEDB9) | 14.00-24    | 14.00 x 24.00             | 20  | TT          | \$720            |
| <b><u>FARM, FRONT</u></b>                           |         |             |                           |     |             |                  |
| <b>ALL SERVICE NON DIRECTIONAL</b>                  |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AFEA1) | 40-19-195   | 19.00 x 19.50             | 14  | TL          | \$719            |
| <b>AM IMPLEMENT</b>                                 |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AFEB1) | 100/80-12   | 3.90 x 12.00              | 6   | TT          | \$175            |
|   | (AFEB3) | 100/80-12   | 3.90 x 12.00              | 8   | TL          | \$187            |
|   | (AFEB2) | 125/80-18   | 4.90 x 18.00              | 10  | TL          | \$313            |
| <b>DRILL RIB</b>                                    |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AFEC1) | 750-20      | 7.50 x 20.00              | 4   | TL          | \$154            |
| <b>DYNA RIB F-2-M</b>                               |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AFED2) | 1000-16     | 10.00 x 16.00             | 8   | TL          | \$146            |
|   | (AFED1) | 11L-15      | 11.00 x 15.00             | 6   | TL          | \$132            |
|   | (AFED4) | 1100-16     | 11.00 x 16.00             | 12  | TL          | \$257            |
|   | (AFED3) | 1100-16     | 11.00 x 16.00             | 8   | TL          | \$178            |
|   | (AFED8) | 1100-24     | 11.00 x 24.00             | 8   | TL          | \$342            |
|   | (AFED6) | 14L-161     | 14.00 x 16.10             | 10  | TL          | \$319            |
|   | (AFED5) | 14L-161     | 14.00 x 16.10             | 6   | TL          | \$286            |
|   | (AFED7) | 165L-161    | 16.50 x 16.10             | 8   | TL          | \$402            |
| <b>SINGLE RIB FRONT TRACTOR F-1</b>                 |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AFEE1) | 600-16      | 6.00 x 16.00              | 4   | TT          | \$88             |
|   | (AFEE2) | 750-16      | 7.50 x 16.00              | 6   | TT          | \$130            |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                   | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|-----------------------------|----------|-------------|---------------------------|-----|-------------|------------------|
| <b>FARM HIGHWAY SERVICE</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                             | (AFEF1)  | 95L-15FI    | 9.50 x 15.00              | 6   | TL          | \$81             |
|                             | (AFEF2)  | 95L-15FI    | 9.50 x 15.00              | 8   | TL          | \$85             |
|                             | (AFEF5)  | 11L-15FI    | 11.00 x 15.00             | 12  | TL          | \$115            |
|                             | (AFEF3)  | 11L-15FI    | 11.00 x 15.00             | 6   | TL          | \$90             |
|                             | (AFEF4)  | 11L-15FI    | 11.00 x 15.00             | 8   | TL          | \$95             |
|                             | (AFEF7)  | 125L-15     | 12.50 x 15.00             | 12  | TL          | \$165            |
|                             | (AFEF6)  | 125L-15FI   | 12.50 x 15.00             | 8   | TL          | \$131            |
| <b>FARM UTILITY</b>         |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                             | (AFEG7)  | 750-14      | 7.50 x 14.00              | 4   | TL          | \$61             |
|                             | (AFEG12) | 760-15      | 7.60 x 15.00              | 4   | TL          | \$56             |
|                             | (AFEG13) | 760-15      | 7.60 x 15.00              | 6   | TL          | \$58             |
|                             | (AFEG2)  | 760-15      | 7.60 x 15.00              | 6   | TT          | \$53             |
|                             | (AFEG14) | 760-15      | 7.60 x 15.00              | 8   | TL          | \$59             |
|                             | (AFEG8)  | 85L-14      | 8.50 x 14.00              | 6   | TL          | \$63             |
|                             | (AFEG9)  | 95L-14      | 9.50 x 14.00              | 6   | TL          | \$65             |
|                             | (AFEG1)  | 95L-14      | 9.50 x 14.00              | 8   | TT          | \$63             |
|                             | (AFEG17) | 95L-15      | 9.50 x 15.00              | 12  | TL          | \$91             |
|                             | (AFEG15) | 95L-15      | 9.50 x 15.00              | 6   | TL          | \$66             |
|                             | (AFEG16) | 95L-15      | 9.50 x 15.00              | 8   | TL          | \$70             |
|                             | (AFEG3)  | 95L-15      | 9.50 x 15.00              | 8   | TT          | \$63             |
|                             | (AFEG18) | 1000-15     | 10.00 x 15.00             | 8   | TL          | \$111            |
|                             | (AFEG10) | 11L-14      | 11.00 x 14.00             | 6   | TL          | \$85             |
|                             | (AFEG11) | 11L-14      | 11.00 x 14.00             | 8   | TL          | \$93             |
|                             | (AFEG21) | 11L-15      | 11.00 x 15.00             | 10  | TL          | \$94             |
|                             | (AFEG22) | 11L-15      | 11.00 x 15.00             | 12  | TL          | \$110            |
|                             | (AFEG19) | 11L-15      | 11.00 x 15.00             | 6   | TL          | \$67             |
|                             | (AFEG20) | 11L-15      | 11.00 x 15.00             | 8   | TL          | \$69             |
|                             | (AFEG4)  | 11L-15      | 11.00 x 15.00             | 8   | TT          | \$63             |
|                             | (AFEG34) | 11L-16      | 11.00 x 16.00             | 10  | TL          | \$127            |
|                             | (AFEG33) | 11L-16      | 11.00 x 16.00             | 8   | TL          | \$111            |
|                             | (AFEG24) | 125L-15     | 12.50 x 15.00             | 10  | TL          | \$111            |
|                             | (AFEG6)  | 125L-15     | 12.50 x 15.00             | 10  | TT          | \$99             |
|                             | (AFEG25) | 125L-15     | 12.50 x 15.00             | 12  | TL          | \$129            |
|                             | (AFEG23) | 125L-15     | 12.50 x 15.00             | 8   | TL          | \$95             |
|                             | (AFEG5)  | 125L-15     | 12.50 x 15.00             | 8   | TT          | \$86             |
|                             | (AFEG30) | 125L-16     | 12.50 x 16.00             | 12  | TL          | \$167            |
|                             | (AFEG29) | 125L-16     | 12.50 x 16.00             | 8   | TL          | \$140            |
|                             | (AFEG28) | 14L-161     | 14.00 x 16.10             | 6   | TL          | \$220            |
|                             | (AFEG31) | 165L-161    | 16.50 x 16.10             | 10  | TL          | \$272            |
|                             | (AFEG32) | 19L-161     | 19.00 x 16.10             | 10  | TL          | \$371            |
|                             | (AFEG26) | 215L-161    | 21.50 x 16.10             | 10  | TL          | \$386            |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                           | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|-------------------------------------|----------|-------------|---------------------------|-----|-------------|------------------|
|                                     | (AFEG27) | 215L-161    | 21.50 x 16.10             | 14  | TL          | \$475            |
| <b>FOUR RIB FRONT TRACTOR F-2-M</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                     | (AFEH1)  | 750-16      | 7.50 x 16.00              | 6   | TT          | \$80             |
|                                     | (AFEH2)  | 1000-16     | 10.00 x 16.00             | 6   | TT          | \$115            |
|                                     | (AFEH3)  | 1000-16     | 10.00 x 16.00             | 8   | TT          | \$118            |
|                                     | (AFEH4)  | 1100-16     | 11.00 x 16.00             | 8   | TT          | \$142            |
| <b>HI-MILER M SS</b>                |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                     | (AFEJ2)  | 36-16-175   | 16.00 x 17.50             | 10  | TL          | \$485            |
|                                     | (AFEJ1)  | 36-16-175   | 16.00 x 17.50             | 8   | TL          | \$441            |
| <b>IMPLEMENT RIB</b>                |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                     | (AFEK1)  | 400-09      | 4.00 x 9.00               | 4   | TT          | \$31             |
|                                     | (AFEK2)  | 400-12      | 4.00 x 12.00              | 4   | TT          | \$35             |
|                                     | (AFEK11) | 400-18      | 4.00 x 18.00              | 4   | TT          | \$53             |
|                                     | (AFEK15) | 500-15      | 5.00 x 15.00              | 4   | TL          | \$53             |
|                                     | (AFEK4)  | 500-15      | 5.00 x 15.00              | 4   | TT          | \$53             |
|                                     | (AFEK16) | 590-15      | 5.90 x 15.00              | 4   | TL          | \$63             |
|                                     | (AFEK6)  | 600-16      | 6.00 x 16.00              | 6   | TT          | \$67             |
|                                     | (AFEK7)  | 650-16      | 6.50 x 16.00              | 6   | TT          | \$66             |
|                                     | (AFEK17) | 670-15      | 6.70 x 15.00              | 4   | TL          | \$70             |
|                                     | (AFEK5)  | 670-15      | 6.70 x 15.00              | 6   | TT          | \$64             |
|                                     | (AFEK9)  | 750-16      | 7.50 x 16.00              | 10  | TT          | \$102            |
|                                     | (AFEK8)  | 750-16      | 7.50 x 16.00              | 6   | TT          | \$84             |
|                                     | (AFEK12) | 750-18      | 7.50 x 18.00              | 6   | TT          | \$94             |
|                                     | (AFEK19) | 750-20      | 7.50 x 20.00              | 6   | TL          | \$117            |
|                                     | (AFEK3)  | 900-10      | 9.00 x 10.00              | 4   | TT          | \$78             |
|                                     | (AFEK10) | 900-16      | 9.00 x 16.00              | 10  | TT          | \$115            |
|                                     | (AFEK18) | 900-24      | 9.00 x 24.00              | 8   | TL          | \$246            |
|                                     | (AFEK13) | 900-24      | 9.00 x 24.00              | 8   | TT          | \$210            |
|                                     | (AFEK14) | 1125-28     | 11.25 x 28.00             | 12  | TT          | \$431            |
| <b>LABORER F-3</b>                  |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                     | (AFEL6)  | 145/75-161  | 5.70 x 16.10              | 10  | TL          | \$360            |
|                                     | (AFEL3)  | 800-16      | 8.00 x 16.00              | 10  | TL          | \$132            |
|                                     | (AFEL2)  | 11L-15      | 11.00 x 15.00             | 10  | TL          | \$123            |
|                                     | (AFEL1)  | 11L-15      | 11.00 x 15.00             | 8   | TL          | \$102            |
|                                     | (AFEL4)  | 11L-16      | 11.00 x 16.00             | 10  | TL          | \$126            |
|                                     | (AFEL5)  | 11L-16      | 11.00 x 16.00             | 12  | TL          | \$148            |
| <b>MULTI-RIB F-3</b>                |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                     | (AFEM1)  | 900-10      | 9.00 x 10.00              | 10  | TT          | \$124            |
|                                     | (AFEM2)  | 1100-16     | 11.00 x 16.00             | 12  | TL          | \$249            |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                  | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|----------------------------|----------|-------------|---------------------------|-----|-------------|------------------|
| <b>SMOOTH</b>              |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                            | (AFEN2)  | 11L-15      | 11.00 x 15.00             | 10  | TL          | \$100            |
|                            | (AFEN3)  | 11L-15      | 11.00 x 15.00             | 12  | TL          | \$124            |
|                            | (AFEN1)  | 169-30      | 16.90 x 30.00             | 6   | TL          | \$974            |
| <b>SMOOTH IMP</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                            | (AFEO1)  | 400-8       | 4.00 x 8.00               | 4   | TL          | \$33             |
| <b>SOFTRAC II</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                            | (AFEP1)  | 165L-161    | 16.50 x 16.10             | 6   | TL          | \$411            |
|                            | (AFEP3)  | 215L-161    | 21.50 x 16.10             | 10  | TL          | \$756            |
|                            | (AFEP2)  | 215L-161    | 21.50 x 16.10             | 6   | TL          | \$630            |
| <b>SUPER FLOATATION</b>    |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                            | (AFEQ1)  | 130/65-18   | 5.10 x 18.00              | 12  | TL          | \$523            |
| <b>SUPER RIB F-2</b>       |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                            | (AFER1)  | 400-12      | 4.00 x 12.00              | 4   | TL          | \$48             |
|                            | (AFER2)  | 95L-15      | 9.50 x 15.00              | 6   | TL          | \$112            |
| <b>SUPER SURE GRIP G-1</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                            | (AFES4)  | 33831       | x                         | 2   | TL          | \$99             |
|                            | (AFES3)  | 33831       | x                         | 2   | TL          | \$102            |
|                            | (AFES1)  | 33800       | x                         | 2   | TT          | \$65             |
|                            | (AFES2)  | 33735       | x                         | 4   | TL          | \$46             |
| <b>SURE GRIP IMPLEMENT</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                            | (AFET1)  | 105/80-18   | 4.10 x 18.00              | 10  | TL          | \$354            |
|                            | (AFET2)  | 125/80-18   | 4.90 x 18.00              | 10  | TL          | \$347            |
| <b>SURE GRIP LUG</b>       |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                            | (AFEU2)  | 105/80-18   | 10.50 x 18.00             | 10  | TL          | \$263            |
|                            | (AFEU1)  | 124-16      | 12.40 x 16.00             | 4   | TL          | \$225            |
|                            | (AFEU3)  | 125/80-18   | 12.50 x 18.00             | 10  | TL          | \$354            |
| <b>SURE GRIP TRACTION</b>  |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                            | (AFEV1)  | 670-15      | 6.70 x 15.00              | 4   | TT          | \$65             |
|                            | (AFEV5)  | 750-16      | 7.50 x 16.00              | 4   | TL          | \$89             |
|                            | (AFEV2)  | 750-18      | 7.50 x 18.00              | 4   | TT          | \$90             |
|                            | (AFEV3)  | 750-20      | 7.50 x 20.00              | 4   | TT          | \$148            |
|                            | (AFEV4)  | 760-15      | 7.60 x 15.00              | 6   | TL          | \$76             |
|                            | (AFEV7)  | 125L-15     | 12.50 x 15.00             | 12  | TL          | \$187            |
|                            | (AFEV6)  | 125L-15     | 12.50 x 15.00             | UK  | TL          | \$152            |
|                            | (AFEV8)  | 165L-161    | 16.50 x 16.10             | UK  | TL          | \$340            |
|                            | (AFEV10) | 215L-161    | 21.50 x 16.10             | 12  | TL          | \$655            |
|                            | (AFEV9)  | 215L-161    | 21.50 x 16.10             | 8   | TL          | \$527            |



**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                 | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---------------------------|----------|-------------|---------------------------|-----|-------------|------------------|
| <b>TRACTION IMPLEMENT</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                           | (AFEW1)  | 500-15      | 5.00 x 15.00              | 4   | NO          | \$65             |
|                           | (AFEW2)  | 590-15      | 5.90 x 15.00              | 4   | NO          | \$69             |
| <b>TRIPLE RIB HD</b>      |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                           | (AFEX7)  | 550-16      | 5.50 x 16.00              | 4   | TT          | \$53             |
|                           | (AFEX8)  | 550-16      | 5.50 x 16.00              | 6   | TT          | \$56             |
|                           | (AFEX9)  | 600-16      | 6.00 x 16.00              | 4   | TT          | \$54             |
|                           | (AFEX10) | 600-16      | 6.00 x 16.00              | 6   | TT          | \$62             |
|                           | (AFEX11) | 650-16      | 6.50 x 16.00              | 6   | TT          | \$69             |
|                           | (AFEX4)  | 75L-15      | 7.50 x 15.00              | 6   | TT          | \$68             |
|                           | (AFEX12) | 750-16      | 7.50 x 16.00              | 6   | TT          | \$84             |
|                           | (AFEX13) | 750-16      | 7.50 x 16.00              | 8   | TT          | \$88             |
|                           | (AFEX14) | 750-18      | 7.50 x 18.00              | 6   | TT          | \$97             |
|                           | (AFEX5)  | 95L-15      | 9.50 x 15.00              | 8   | TT          | \$85             |
|                           | (AFEX15) | 1000-16     | 10.00 x 16.00             | 6   | TL          | \$116            |
|                           | (AFEX1)  | 1000-16     | 10.00 x 16.00             | 6   | TT          | \$113            |
|                           | (AFEX16) | 1000-16     | 10.00 x 16.00             | 8   | TL          | \$120            |
|                           | (AFEX2)  | 1000-16     | 10.00 x 16.00             | 8   | TT          | \$117            |
|                           | (AFEX6)  | 11L-15      | 11.00 x 15.00             | 8   | TT          | \$118            |
|                           | (AFEX17) | 1100-16     | 11.00 x 16.00             | 8   | TL          | \$137            |
|                           | (AFEX3)  | 1100-16     | 11.00 x 16.00             | 8   | TT          | \$133            |
| <b>TRIPLE RIB R/S F-2</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                           | (AFEY2)  | 400-19      | 4.00 x 19.00              | 4   | TT          | \$46             |
|                           | (AFEY1)  | 500-15      | 5.00 x 15.00              | 4   | TT          | \$45             |
| <b><u>FARM, REAR</u></b>  |          |             |                           |     |             |                  |
| <b>ALL TRACTION R-3</b>   |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                           | (AGFA1)  | 750-16      | 7.50 x 16.00              | 4   | TT          | \$136            |
| <b>ALL WEATHER R-3</b>    |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                           | (AGFB2)  | 95-24       | 9.50 x 24.00              | 4   | TT          | \$217            |
|                           | (AGFB1)  | 124-16      | 12.40 x 16.00             | 12  | TT          | \$328            |
|                           | (AGFB6)  | 124-16      | 12.40 x 16.00             | 8   | TL          | \$266            |
|                           | (AGFB7)  | 136-161     | 13.60 x 16.10             | 8   | TL          | \$483            |
|                           | (AGFB5)  | 136-28      | 13.60 x 28.00             | 6   | TT          | \$424            |
|                           | (AGFB3)  | 149-24      | 14.90 x 24.00             | 6   | TT          | \$394            |
|                           | (AGFB4)  | 169-24      | 16.90 x 24.00             | 6   | TT          | \$541            |
|                           | (AGFB8)  | 184-161     | 18.40 x 16.10             | 8   | TL          | \$645            |
|                           | (AGFB10) | 184-26      | 18.40 x 26.00             | 10  | TL          | \$684            |
|                           | (AGFB9)  | 184-26      | 18.40 x 26.00             | 6   | TL          | \$518            |
|                           | (AGFB11) | 231-26      | 23.10 x 26.00             | 10  | TL          | \$865            |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                     | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|-------------------------------|----------|-------------|---------------------------|-----|-------------|------------------|
|                               | (AGFB12) | 231-26      | 23.10 x 26.00             | 12  | TL          | \$968            |
|                               | (AGFB14) | 245-32      | 24.50 x 32.00             | 12  | TL          | \$1,620          |
|                               | (AGFB13) | 28L-26      | 28.00 x 26.00             | 12  | TL          | \$1,457          |
|                               | (AGFB15) | 305L-32     | 30.50 x 32.00             | 12  | TL          | \$2,357          |
|                               | (AGFB16) | 305L-32     | 30.50 x 32.00             | 24  | TL          | \$4,107          |
| <b>DT 710 RADIAL</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                               | (AGFC1)  | 320/75R24   | 12.60 x 24.00             | X1  | TL          | \$359            |
|                               | (AGFC3)  | 136R28      | 13.60 x 28.00             | X1  | TL          | \$424            |
|                               | (AGFC12) | 136R28      | 13.60 x 28.00             | X3  | TL          | \$481            |
|                               | (AGFC2)  | 149R24      | 14.90 x 24.00             | X1  | TL          | \$443            |
|                               | (AGFC11) | 149R24      | 14.90 x 24.00             | X3  | TL          | \$555            |
|                               | (AGFC4)  | 149R28      | 14.90 x 28.00             | X1  | TL          | \$457            |
|                               | (AGFC13) | 149R28      | 14.90 x 28.00             | X3  | TL          | \$582            |
|                               | (AGFC9)  | 155R38      | 15.50 x 38.00             | X1  | TL          | \$530            |
|                               | (AGFC5)  | 169R28      | 16.90 x 28.00             | X1  | TL          | \$496            |
|                               | (AGFC14) | 169R28      | 16.90 x 28.00             | X2  | TL          | \$731            |
|                               | (AGFC6)  | 169R30      | 16.90 x 30.00             | X1  | TL          | \$515            |
|                               | (AGFC7)  | 184R30      | 18.40 x 30.00             | X1  | TL          | \$640            |
|                               | (AGFC8)  | 184R34      | 18.40 x 34.00             | X1  | TL          | \$655            |
|                               | (AGFC10) | 184R38      | 18.40 x 38.00             | X1  | TL          | \$824            |
| <b>DT 730 RADIAL</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                               | (AGFD1)  | 290/95R34   | 11.40 x 34.00             | UK  | TL          | \$651            |
| <b>DT 800 RADIAL</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                               | (AGFE1)  | 320/90R42   | 12.60 x 42.00             | UK  | TL          | \$836            |
|                               | (AGFE3)  | 320/90R50   | 12.60 x 50.00             | UK  | TL          | \$1,107          |
|                               | (AGFE2)  | 380/90R46   | 14.90 x 46.00             | UK  | TL          | \$1,152          |
| <b>DT 810 RADIAL</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                               | (AGFF1)  | 380/70R24   | 14.90 x 24.00             | UK  | TL          | \$712            |
|                               | (AGFF2)  | 420/70R28   | 16.50 x 28.00             | UK  | TL          | \$883            |
|                               | (AGFF3)  | 480/70R30   | 18.90 x 30.00             | UK  | TL          | \$1,023          |
|                               | (AGFF4)  | 520/70R30   | 20.50 x 30.00             | UK  | TL          | \$1,143          |
| <b>DT 820 RADIAL</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                               | (AGFG2)  | 600/65R28   | 23.60 x 28.00             | UK  | TL          | \$1,471          |
|                               | (AGFG1)  | 620/75R26   | 24.40 x 26.00             | UK  | TL          | \$1,795          |
|                               | (AGFG5)  | 620/70R42   | 24.40 x 42.00             | UK  | TL          | \$1,750          |
|                               | (AGFG3)  | 650/75R34   | 25.60 x 34.00             | UK  | TL          | \$1,706          |
|                               | (AGFG4)  | 710/70R38   | 27.90 x 38.00             | UK  | TL          | \$2,224          |
| <b>DYNA TORQUE RADIAL R-1</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                               | (AGFH5)  | 320/85R34   | 12.60 x 34.00             | UK  | TL          | \$699            |
|                               | (AGFH7)  | 149R30      | 14.90 x 30.00             | X3  | TL          | \$752            |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                               | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|----------|-------------|---------------------------|-----|-------------|------------------|
|   | (AGFH9)  | 149R34      | 14.90 x 34.00             | X3  | TL          | \$822            |
|   | (AGFH15) | 149R46      | 14.90 x 46.00             | X3  | TL          | \$923            |
|   | (AGFH6)  | 385/85R34   | 15.10 x 34.00             | UK  | TL          | \$822            |
|   | (AGFH16) | 420/80R46   | 16.50 x 46.00             | UK  | TL          | \$1,183          |
|   | (AGFH1)  | 169R25      | 16.90 x 25.00             | X2  | TL          | \$767            |
|   | (AGFH8)  | 169R30      | 16.90 x 30.00             | X3  | TL          | \$834            |
|   | (AGFH2)  | 184R26      | 18.40 x 26.00             | X2  | TL          | \$954            |
|   | (AGFH10) | 184R38      | 18.40 x 38.00             | X1  | TL          | \$781            |
|   | (AGFH13) | 184R42      | 18.40 x 42.00             | X2  | TL          | \$999            |
|   | (AGFH17) | 184R46      | 18.40 x 46.00             | X3  | TL          | \$1,325          |
|   | (AGFH11) | 208R38      | 20.80 x 38.00             | X1  | TL          | \$1,029          |
|   | (AGFH12) | 208R38      | 20.80 x 38.00             | X2  | TL          | \$1,221          |
|   | (AGFH14) | 208R42      | 20.80 x 42.00             | X2  | TL          | \$1,402          |
|   | (AGFH3)  | 245R32      | 24.50 x 32.00             | X3  | TL          | \$1,488          |
|   | (AGFH4)  | 305LR32     | 30.50 x 32.00             | X1  | TL          | \$1,914          |
| <b>DYNA TORQUE / DYNA TORQUE II R-1</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AGFJ28) | 7-14        | 7.00 x 14.00              | 4   | TL          | \$102            |
|   | (AGFJ1)  | 95-24       | 9.50 x 24.00              | 6   | TT          | \$203            |
|   | (AGFJ29) | 112-16      | 11.20 x 16.00             | 4   | TL          | \$171            |
|   | (AGFJ2)  | 112-24      | 11.20 x 24.00             | 4   | TT          | \$195            |
|   | (AGFJ3)  | 112-24      | 11.20 x 24.00             | 8   | TT          | \$257            |
|   | (AGFJ10) | 112-28      | 11.20 x 28.00             | 4   | TT          | \$238            |
|   | (AGFJ4)  | 124-24      | 12.40 x 24.00             | 4   | TT          | \$249            |
|   | (AGFJ30) | 124-24      | 12.40 x 24.00             | 6   | TL          | \$310            |
|   | (AGFJ5)  | 124-24      | 12.40 x 24.00             | 8   | TT          | \$310            |
|   | (AGFJ38) | 124-38      | 12.40 x 38.00             | 10  | TL          | \$475            |
|   | (AGFJ6)  | 136-24      | 13.60 x 24.00             | 8   | TT          | \$329            |
|   | (AGFJ41) | 136-28      | 13.60 x 28.00             | 10  | TL          | \$419            |
|   | (AGFJ11) | 136-28      | 13.60 x 28.00             | 6   | TT          | \$322            |
|   | (AGFJ21) | 136-38      | 13.60 x 38.00             | 6   | TT          | \$355            |
|   | (AGFJ7)  | 149-24      | 14.90 x 24.00             | 6   | TT          | \$326            |
|   | (AGFJ31) | 149-24      | 14.90 x 24.00             | 8   | TL          | \$355            |
|   | (AGFJ42) | 149-28      | 14.90 x 28.00             | 10  | TL          | \$543            |
|   | (AGFJ12) | 149-28      | 14.90 x 28.00             | 6   | TT          | \$338            |
|   | (AGFJ22) | 155-38      | 15.50 x 38.00             | 6   | TT          | \$374            |
|   | (AGFJ8)  | 169-24      | 16.90 x 24.00             | 6   | TT          | \$371            |
|   | (AGFJ39) | 169-26      | 16.90 x 26.00             | 10  | TL          | \$759            |
|   | (AGFJ43) | 169-28      | 16.90 x 28.00             | 10  | TL          | \$624            |
|   | (AGFJ44) | 169-30      | 16.90 x 30.00             | 10  | TL          | \$570            |
|   | (AGFJ14) | 169-30      | 16.90 x 30.00             | 6   | TT          | \$440            |
|   | (AGFJ37) | 169-34      | 16.90 x 34.00             | 10  | TL          | \$659            |
|   | (AGFJ17) | 169-34      | 16.90 x 34.00             | 6   | TT          | \$507            |
|   | (AGFJ23) | 169-38      | 16.90 x 38.00             | 14  | TT          | \$827            |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                       | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---------------------------------|----------|-------------|---------------------------|-----|-------------|------------------|
|                                 | (AGFJ40) | 184-26      | 18.40 x 26.00             | 10  | TL          | \$648            |
|                                 | (AGFJ32) | 184-26      | 18.40 x 26.00             | 6   | TL          | \$508            |
|                                 | (AGFJ9)  | 184-26      | 18.40 x 26.00             | 6   | TT          | \$466            |
|                                 | (AGFJ13) | 184-28      | 18.40 x 28.00             | 6   | TT          | \$471            |
|                                 | (AGFJ15) | 184-30      | 18.40 x 30.00             | 8   | TT          | \$564            |
|                                 | (AGFJ18) | 184-34      | 18.40 x 34.00             | 8   | TT          | \$583            |
|                                 | (AGFJ24) | 184-38      | 18.40 x 38.00             | 8   | TT          | \$599            |
|                                 | (AGFJ26) | 184-42      | 18.40 x 42.00             | 10  | TT          | \$1,021          |
|                                 | (AGFJ19) | 208-34      | 20.80 x 34.00             | 14  | TT          | \$996            |
|                                 | (AGFJ25) | 208-38      | 20.80 x 38.00             | 8   | TT          | \$778            |
|                                 | (AGFJ27) | 208-42      | 20.80 x 42.00             | 10  | TT          | \$1,247          |
|                                 | (AGFJ33) | 231-26      | 23.10 x 26.00             | 12  | TL          | \$1,161          |
|                                 | (AGFJ45) | 231-26      | 23.10 x 26.00             | 8   | TL          | \$818            |
|                                 | (AGFJ16) | 231-30      | 23.10 x 30.00             | 8   | TT          | \$865            |
|                                 | (AGFJ20) | 231-34      | 23.10 x 34.00             | 8   | TT          | \$1,254          |
|                                 | (AGFJ35) | 245-32      | 24.50 x 32.00             | 12  | TL          | \$1,400          |
|                                 | (AGFJ34) | 28L-26      | 28.00 x 26.00             | 12  | TL          | \$1,463          |
|                                 | (AGFJ36) | 305L-32     | 30.50 x 32.00             | 14  | TL          | \$1,971          |
| <b>INDUSTRIAL SURE GRIP R-4</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                 | (AGFK1)  | 149-28      | 14.90 x 28.00             | 8   | TT          | \$375            |
|                                 | (AGFK3)  | 184-28      | 18.40 x 28.00             | 12  | TL          | \$822            |
|                                 | (AGFK2)  | 184-28      | 18.40 x 28.00             | 8   | TT          | \$614            |
| <b>IT510 R4</b>                 |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                 | (AGFL1)  | 335/80R18   | 13.20 x 18.00             | UK  | TL          | \$579            |
|                                 | (AGFL4)  | 169R28      | 16.90 x 28.00             | UK  | TL          | \$665            |
|                                 | (AGFL2)  | 175LR24     | 17.50 x 24.00             | UK  | TL          | \$721            |
|                                 | (AGFL3)  | 195LR24     | 19.50 x 24.00             | UK  | TL          | \$827            |
| <b>IT525 R4</b>                 |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                 | (AGFM2)  | 149-24      | 14.90 x 24.00             | 12  | TL          | \$462            |
|                                 | (AGFM1)  | 149-24      | 14.90 x 24.00             | 6   | TL          | \$316            |
|                                 | (AGFM4)  | 169-24      | 16.90 x 24.00             | 10  | TL          | \$459            |
|                                 | (AGFM3)  | 169-24      | 16.90 x 24.00             | 6   | TL          | \$398            |
|                                 | (AGFM12) | 169-28      | 16.90 x 28.00             | 10  | TL          | \$636            |
|                                 | (AGFM6)  | 175L-24     | 17.50 x 24.00             | 10  | TL          | \$459            |
|                                 | (AGFM5)  | 184-24      | 18.40 x 24.00             | 12  | TL          | \$801            |
|                                 | (AGFM8)  | 195L-24     | 19.50 x 24.00             | 12  | TL          | \$730            |
|                                 | (AGFM7)  | 195L-24     | 19.50 x 24.00             | 8   | TL          | \$582            |
|                                 | (AGFM9)  | 21L-24      | 21.00 x 24.00             | 10  | TL          | \$892            |
|                                 | (AGFM10) | 21L-24      | 21.00 x 24.00             | 12  | TL          | \$953            |
|                                 | (AGFM11) | 21L-24      | 21.00 x 24.00             | 16  | TL          | \$1,275          |
|                                 | (AGFM13) | 21L-28      | 21.00 x 28.00             | 10  | TL          | \$995            |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                             | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---------------------------------------|----------|-------------|---------------------------|-----|-------------|------------------|
|                                       | (AGFM14) | 21L-28      | 21.00 x 28.00             | 14  | TL          | \$1,079          |
| <b>POWER TORQUE R-1</b>               |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                       | (AGFN1)  | 6-12        | 6.00 x 12.00              | 4   | TL          | \$52             |
|                                       | (AGFN2)  | 72-16       | 7.20 x 16.00              | 4   | TL          | \$127            |
|                                       | (AGFN3)  | 83-16       | 8.30 x 16.00              | 4   | TL          | \$134            |
|                                       | (AGFN4)  | 83-16       | 8.30 x 16.00              | 6   | TL          | \$142            |
|                                       | (AGFN5)  | 95-16       | 9.50 x 16.00              | 6   | TL          | \$181            |
| <b>SPECIAL SURE GRIP R-2-0</b>        |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                       | (AGFO1)  | 136-38      | 13.60 x 38.00             | 6   | TT          | \$523            |
|                                       | (AGFO2)  | 149-24      | 14.90 x 24.00             | 6   | TT          | \$512            |
|                                       | (AGFO11) | 184-26      | 18.40 x 26.00             | 10  | TL          | \$759            |
|                                       | (AGFO5)  | 184-30      | 18.40 x 30.00             | 6   | TT          | \$688            |
|                                       | (AGFO7)  | 184-38      | 18.40 x 38.00             | 6   | TT          | \$784            |
|                                       | (AGFO8)  | 184-38      | 18.40 x 38.00             | 8   | TT          | \$946            |
|                                       | (AGFO12) | VA500/95D32 | 19.70 x 32.00             | 20  | TL          | \$1,725          |
|                                       | (AGFO10) | 208-38      | 20.80 x 38.00             | 10  | TT          | \$1,288          |
|                                       | (AGFO9)  | 208-38      | 20.80 x 38.00             | 8   | TT          | \$1,097          |
|                                       | (AGFO3)  | 231-26      | 23.10 x 26.00             | 10  | TT          | \$1,087          |
|                                       | (AGFO4)  | 28L-26      | 28.00 x 26.00             | 12  | TT          | \$1,340          |
|                                       | (AGFO6)  | 305L-32     | 30.50 x 32.00             | 12  | TT          | \$1,916          |
| <b>SPECIAL SURE GRIP RADIAL R-2-0</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                       | (AGFP8)  | 320/90R46   | 12.60 x 46.00             | X3  | TL          | \$924            |
|                                       | (AGFP9)  | 340/85R46   | 13.40 x 46.00             | UK  | TL          | \$971            |
|                                       | (AGFP1)  | 169R28      | 16.90 x 28.00             | X2  | TL          | \$953            |
|                                       | (AGFP2)  | 169R30      | 16.90 x 30.00             | X3  | TL          | \$948            |
|                                       | (AGFP3)  | 184R38      | 18.40 x 38.00             | X1  | TL          | \$1,053          |
|                                       | (AGFP5)  | 184R42      | 18.40 x 42.00             | X2  | TL          | \$1,232          |
|                                       | (AGFP7)  | 184R46      | 18.40 x 46.00             | X3  | TL          | \$1,361          |
|                                       | (AGFP4)  | 208R38      | 20.80 x 38.00             | X2  | TL          | \$1,359          |
|                                       | (AGFP6)  | 208R42      | 20.80 x 42.00             | X2  | TL          | \$1,428          |
| <b>SUPER TRACTION RADIAL R-1</b>      |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                       | (AGFQ1)  | 250/80R18   | 9.80 x 18.00              | UK  | TL          | \$501            |
|                                       | (AGFQ3)  | 260/80R20   | 10.20 x 20.00             | UK  | TL          | \$459            |
|                                       | (AGFQ2)  | 112R20      | 11.20 x 20.00             | UK  | TL          | \$456            |
|                                       | (AGFQ6)  | 136R28      | 13.60 x 28.00             | UK  | TL          | \$597            |
|                                       | (AGFQ15) | 136R38      | 13.60 x 38.00             | UK  | TL          | \$818            |
|                                       | (AGFQ20) | 149R24      | 14.90 x 24.00             | UK  | TT          | \$712            |
|                                       | (AGFQ7)  | 149R28      | 14.90 x 28.00             | UK  | TL          | \$747            |
|                                       | (AGFQ9)  | 149R30      | 14.90 x 30.00             | UK  | TL          | \$776            |
|                                       | (AGFQ4)  | 169R24      | 16.90 x 24.00             | UK  | TL          | \$786            |
|                                       | (AGFQ5)  | 169R26      | 16.90 x 26.00             | X2  | TL          | \$846            |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                          | EP CODE  | DESCRIPTION | SIZE                     | PLY | TUBE<br>(I) | COST<br>PER EACH |
|------------------------------------|----------|-------------|--------------------------|-----|-------------|------------------|
|                                    | (AGFQ8)  | 169R28      | 16.90 x 28.00            | UK  | TL          | \$841            |
|                                    | (AGFQ10) | 169R30      | 16.90 x 30.00            | UK  | TL          | \$903            |
|                                    | (AGFQ21) | 169R34      | 16.90 x 34.00            | X2  | TT          | \$951            |
|                                    | (AGFQ22) | 169R38      | 16.90 x 38.00            | X2  | TT          | \$966            |
|                                    | (AGFQ11) | 184R26      | 18.40 x 26.00            | UK  | TL          | \$912            |
|                                    | (AGFQ12) | 184R30      | 18.40 x 30.00            | UK  | TL          | \$994            |
|                                    | (AGFQ14) | 184R34      | 18.40 x 34.00            | UK  | TL          | \$1,007          |
|                                    | (AGFQ16) | 184R38      | 18.40 x 38.00            | UK  | TL          | \$901            |
|                                    | (AGFQ18) | 184R42      | 18.40 x 42.00            | UK  | TL          | \$1,216          |
|                                    | (AGFQ17) | 208R38      | 20.80 x 38.00            | UK  | TL          | \$1,211          |
|                                    | (AGFQ19) | 208R42      | 20.80 x 42.00            | UK  | TL          | \$1,400          |
|                                    | (AGFQ13) | 800/65R32   | 31.50 x 32.00            | UK  | TL          | \$2,157          |
| <b>SURE GRIP ALL SERVICE R-1</b>   |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|                                    | (AGFR1)  | 95-20       | 9.50 x 20.00             | 6   | TL          | \$205            |
| <b>TRACTION IRRIGATION 3</b>       |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|                                    | (AGFS1)  | 112-24      | 11.20 x 24.00            | 4   | NO          | \$139            |
|                                    | (AGFS3)  | 112-38      | 11.20 x 38.00            | 4   | NO          | \$243            |
|                                    | (AGFS2)  | 149-24      | 14.90 x 24.00            | 4   | NO          | \$202            |
| <b>TRACTION SURE GRIP R-1</b>      |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|                                    | (AGFT1)  | 72-30       | 7.20 x 30.00             | 2   | TT          | \$207            |
|                                    | (AGFT3)  | 95-42       | 9.50 x 42.00             | 6   | TL          | \$379            |
|                                    | (AGFT2)  | 184-161     | 18.40 x 16.10            | 6   | TL          | \$445            |
| <b>TRACTION TORQUE R-1</b>         |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|                                    | (AGFU4)  | 112-38      | 11.20 x 38.00            | 4   | TT          | \$324            |
|                                    | (AGFU1)  | 149-28      | 14.90 x 28.00            | 6   | TT          | \$294            |
|                                    | (AGFU2)  | 169-30      | 16.90 x 30.00            | 6   | TT          | \$334            |
|                                    | (AGFU3)  | 184-30      | 18.40 x 30.00            | 6   | TT          | \$420            |
|                                    | (AGFU5)  | 184-38      | 18.40 x 38.00            | 8   | TT          | \$538            |
| <b><u>FARM, TERRA - 20" UP</u></b> |          |             |                          |     |             |                  |
| <b>SFT105</b>                      |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|                                    | (AHGA1)  | 54-3100-26  | 31.00 x 26.00            | 4   | TL          | \$2,409          |
|                                    | (AHGA2)  | 54-3100-26  | 31.00 x 26.00            | 6   | TL          | \$2,575          |
| <b>SOF TRAC</b>                    |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|                                    | (AHGB2)  | 41-1400-20  | 14.00 x 20.00            | 4   | TL          | \$441            |
|                                    | (AHGB1)  | 44-1800-20  | 18.00 x 20.00            | 4   | TL          | \$519            |
| <b>SUPER TERRA GRIP</b>            |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|                                    | (AHGC1)  | 38-1400-20  | 14.00 x 20.00            | 8   | TL          | \$433            |
|                                    | (AHGC4)  | 48-2500-20  | 25.00 x 20.00            | 10  | TL          | \$2,176          |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                            | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|--------------------------------------|----------|-------------|---------------------------|-----|-------------|------------------|
|                                      | (AHGC3)  | 48-2500-20  | 25.00 x 20.00             | 6   | TL          | \$1,806          |
|                                      | (AHGC2)  | 42-2500-20  | 25.00 x 20.00             | 8   | TL          | \$1,789          |
|                                      | (AHGC5)  | 48-3100-20  | 31.00 x 20.00             | 10  | TL          | \$2,176          |
|                                      | (AHGC6)  | 48-3100-20  | 31.00 x 20.00             | 12  | TL          | \$2,421          |
|                                      | (AHGC7)  | 54-3100-26  | 31.00 x 26.00             | 6   | TL          | \$2,575          |
|                                      | (AHGC12) | 67-3400-25  | 34.00 x 25.00             | 10  | TL          | \$3,289          |
|                                      | (AHGC10) | 66-4300-25  | 43.00 x 25.00             | 10  | TL          | \$3,438          |
|                                      | (AHGC11) | 66-4300-25  | 43.00 x 25.00             | 20  | TL          | \$4,595          |
|                                      | (AHGC8)  | 66-4300-25  | 43.00 x 25.00             | 6   | TL          | \$2,968          |
|                                      | (AHGC9)  | 66-4300-25  | 43.00 x 25.00             | 8   | TL          | \$3,201          |
| <b>SUPER TERRA GRIP XT</b>           |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                      | (AHGD3)  | 48-2500-20  | 25.00 x 20.00             | 10  | TL          | \$2,350          |
|                                      | (AHGD1)  | 42-2500-20  | 25.00 x 20.00             | 12  | TL          | \$2,143          |
|                                      | (AHGD2)  | 48-2500-20  | 25.00 x 20.00             | 6   | TL          | \$2,004          |
|                                      | (AHGD4)  | 48-3100-20  | 31.00 x 20.00             | 10  | TL          | \$2,372          |
|                                      | (AHGD5)  | 48-3100-20  | 31.00 x 20.00             | 12  | TL          | \$2,646          |
|                                      | (AHGD6)  | 66-4300-25  | 43.00 x 25.00             | 10  | TL          | \$3,756          |
|                                      | (AHGD7)  | 73-4400-32  | 44.00 x 32.00             | 12  | TL          | \$5,512          |
| <b>CUSTOM FLO GRIP</b>               |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                      | (AHGE2)  | 67-3400-25  | 34.00 x 25.00             | 14  | TL          | \$4,579          |
|                                      | (AHGE1)  | 67-3400-30  | 34.00 x 30.00             | 12  | TL          | \$3,764          |
| <b>TUNDRA GRIP</b>                   |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                      | (AHGF2)  | 66-4400-25  | 44.00 x 25.00             | 16  | TL          | \$4,256          |
|                                      | (AHGF1)  | 66-4400-25  | 44.00 x 25.00             | 6   | TL          | \$2,877          |
| <b>SMOOTH TERRA</b>                  |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                      | (AHGG1)  | 44-4100-20  | 41.00 x 20.00             | 10  | TL          | \$2,649          |
| <b>STEELGARD SUPER TERRA GRIP</b>    |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                      | (AHGH1)  | 66-4300-25  | 43.00 x 25.00             | 12  | TL          | \$4,318          |
| <b>STEELGARD CUSTOM FLO GRIP</b>     |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                      | (AHGJ1)  | 67-3400-25  | 34.00 x 25.00             | 10  | TL          | \$4,088          |
|                                      | (AHGJ2)  | 67-3400-25  | 34.00 x 25.00             | 14  | TL          | \$4,473          |
| <b>STEELGARD SUPER TERRA GRIP XT</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                      | (AHGK1)  | 42-2500-20  | 25.00 x 20.00             | 12  | TL          | \$2,534          |
|                                      | (AHGK2)  | 66-4300-26  | 43.00 x 26.00             | 12  | TL          | \$5,156          |
|                                      | (AHGK3)  | 73-4400-32  | 44.00 x 32.00             | 16  | TL          | \$7,459          |
| <b>FARM SPECIALTY</b>                |          |             |                           |     |             |                  |
| <b>SFT105</b>                        |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                                      | (AJHA1)  | 33-1250-15  | 12.50 x 15.00             | 4   | TL          | \$283            |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE               | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|-------------------------|----------|-------------|---------------------------|-----|-------------|------------------|
| <b>SOFTRAC</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                         | (AJHB2)  | 18-650-8    | 6.50 x 8.00               | 4   | TL          | \$39             |
|                         | (AJHB3)  | 18-850-8    | 8.50 x 8.00               | 6   | TL          | \$46             |
|                         | (AJHB1)  | 25-850-14   | 8.50 x 14.00              | 6   | TL          | \$108            |
|                         | (AJHB5)  | 27-850-15   | 8.50 x 15.00              | 4   | TL          | \$106            |
|                         | (AJHB4)  | 25-1050-15  | 10.50 x 15.00             | 4   | TL          | \$123            |
|                         | (AJHB6)  | 27-1050-15  | 10.50 x 15.00             | 4   | TL          | \$131            |
|                         | (AJHB7)  | 29-1250-15  | 12.50 x 15.00             | 4   | TL          | \$169            |
|                         | (AJHB10) | 31-1250-15  | 12.50 x 15.00             | 4   | TL          | \$175            |
|                         | (AJHB11) | 33-1250-15  | 12.50 x 15.00             | 4   | TL          | \$217            |
|                         | (AJHB8)  | 31-1350-15  | 13.50 x 15.00             | 4   | TL          | \$211            |
|                         | (AJHB12) | 36-1350-15  | 13.50 x 15.00             | 4   | TL          | \$329            |
|                         | (AJHB9)  | 31-1550-15  | 15.50 x 15.00             | 4   | TL          | \$229            |
| <b>SUPER TERRA GRIP</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                         | (AJHC1)  | 27-850-15   | 8.50 x 15.00              | 4   | TL          | \$99             |
|                         | (AJHC2)  | 29-1250-15  | 12.50 x 15.00             | 4   | TL          | \$177            |
|                         | (AJHC3)  | 29-1250-15  | 12.50 x 15.00             | 6   | TL          | \$195            |
|                         | (AJHC4)  | 29-1250-15  | 12.50 x 15.00             | 8   | TL          | \$209            |
|                         | (AJHC5)  | 31-1550-15  | 15.50 x 15.00             | 4   | TL          | \$229            |
|                         | (AJHC6)  | 31-1550-15  | 15.50 x 15.00             | 8   | TL          | \$306            |
|                         | (AJHC7)  | 38-2000-16  | 20.00 x 16.00             | UK  | TL          | \$727            |
| <b>SURE GRIP LUG</b>    |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                         | (AJHD8)  | 27-850-15   | 8.50 x 15.00              | 4   | TL          | \$111            |
|                         | (AJHD9)  | 27-850-15   | 8.50 x 15.00              | 6   | TL          | \$124            |
|                         | (AJHD1)  | 10-165      | 10.00 x 16.50             | 6   | NO          | \$122            |
|                         | (AJHD10) | 27-1050-15  | 10.50 x 15.00             | 6   | TL          | \$148            |
|                         | (AJHD4)  | 12-165      | 12.00 x 16.50             | 10  | NO          | \$227            |
|                         | (AJHD2)  | 12-165      | 12.00 x 16.50             | 6   | NO          | \$175            |
|                         | (AJHD3)  | 12-165      | 12.00 x 16.50             | 8   | NO          | \$191            |
|                         | (AJHD5)  | 14-175      | 14.00 x 17.50             | 10  | NO          | \$542            |
|                         | (AJHD7)  | 15-195      | 15.00 x 19.50             | 12  | NO          | \$646            |
|                         | (AJHD6)  | 15-195      | 15.00 x 19.50             | 8   | NO          | \$588            |
| <b>ULTRA GRIP LUG</b>   |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                         | (AJHE1)  | 10-165      | 10.00 x 16.50             | 8   | NO          | \$140            |
|                         | (AJHE3)  | 12-165      | 12.00 x 16.50             | 10  | NO          | \$238            |
|                         | (AJHE2)  | 12-165      | 12.00 x 16.50             | 8   | NO          | \$199            |
|                         | (AJHE4)  | 31-1550-15  | 15.50 x 15.00             | 8   | NO          | \$337            |
| <b>XTRA TRAC</b>        |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                         | (AJHF3)  | 29-1250-15  | 12.50 x 15.00             | 4   | TL          | \$156            |
|                         | (AJHF1)  | 31-1550-15  | 15.50 x 15.00             | 4   | NO          | \$182            |



**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE            | EP CODE | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|----------------------|---------|-------------|---------------------------|-----|-------------|------------------|
|                      | (AJHF2) | 31-1550-15  | 15.50 x 15.00             | 8   | NO          | \$323            |
| <b>DOUBLE EAGLE</b>  |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHG1) | 205-50-10   | 5.00 x 10.00              | 4   | NO          | \$51             |
| <b>POWER RIB</b>     |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHJ1) | 18-850-8    | 8.50 x 8.00               | 4   | TL          | \$33             |
|                      | (AJHJ2) | 20-1000-10  | 10.00 x 10.00             | 4   | TL          | \$76             |
| <b>RALLY</b>         |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHK1) | 480-8       | 4.80 x 8.00               | 4   | NO          | \$74             |
|                      | (AJHK2) | 18-950-8    | 9.50 x 8.00               | 4   | NO          | \$118            |
| <b>RIB TERRA</b>     |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHL1) | 18-850-8    | 8.50 x 8.00               | 4   | TL          | \$33             |
| <b>TERRA RIB</b>     |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHM1) | 25-750-15   | 7.50 x 15.00              | 4   | TL          | \$86             |
|                      | (AJHM2) | 25-750-15   | 7.50 x 15.00              | 6   | TL          | \$99             |
|                      | (AJHM4) | 27-950-15   | 9.50 x 15.00              | 10  | TL          | \$177            |
|                      | (AJHM3) | 27-950-15   | 9.50 x 15.00              | 6   | TL          | \$135            |
|                      | (AJHM5) | 31-1350-15  | 13.50 x 15.00             | 6   | TL          | \$211            |
|                      | (AJHM6) | 31-1350-15  | 13.50 x 15.00             | 8   | TL          | \$230            |
| <b>ATT</b>           |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHN1) | AT21-7-10   | 7.00 x 10.00              | 01  | TL          | \$41             |
|                      | (AJHN3) | AT23-8-11   | 8.00 x 11.00              | X2  | TL          | \$51             |
|                      | (AJHN2) | AT22-9-8    | 9.00 x 8.00               | 01  | TL          | \$51             |
|                      | (AJHN5) | AT24-9-11   | 9.00 x 11.00              | X1  | TL          | \$54             |
|                      | (AJHN4) | AT25-11-9   | 11.00 x 9.00              | X1  | TL          | \$54             |
| <b>COMPASS TERRA</b> |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHO1) | 21-1100-8   | 11.00 x 8.00              | 00  | TL          | \$58             |
| <b>RAWHIDE III</b>   |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHP1) | 22-1100-8   | 11.00 x 8.00              | 2   | NO          | \$58             |
|                      | (AJHP2) | 25-1200-9   | 12.00 x 9.00              | 2   | NO          | \$80             |
|                      | (AJHP3) | 25-1200-9   | 12.00 x 9.00              | UK  | NO          | \$85             |
| <b>RAWHIDE TERRA</b> |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHQ1) | 21-1100-8   | 11.00 x 8.00              | 00  | TL          | \$58             |
| <b>RUNAMUCK</b>      |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHR1) | 22-1000-8   | 10.00 x 8.00              | 01  | NO          | \$69             |
| <b>SMOOTH TERRA</b>  |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|                      | (AJHS1) | 18-950-8    | 9.50 x 8.00               | 2   | TL          | \$44             |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE   | EP CODE | DESCRIPTION  | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|---------|--------------|---------------------------|-----|-------------|------------------|
| <b>TRACKER ATT</b>                                |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AJHT1) | AT24-8-11    | 8.00 x 11.00              | X2  | TL          | \$55             |
|   | (AJHT2) | AT24-10-11   | 10.00 x 11.00             | X2  | TL          | \$60             |
| <b>TRACKER HP</b>                                 |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AJHU2) | AT22-7-11    | 7.00 x 11.00              | X1  | TL          | \$58             |
|   | (AJHU1) | AT22-10-9    | 10.00 x 9.00              | X1  | TL          | \$60             |
| <b>TRACKER MP</b>                                 |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AJHV2) | AT24-8-11    | 8.00 x 11.00              | X3  | TL          | \$64             |
|   | (AJHV1) | AT24-10-11   | 10.00 x 11.00             | X3  | TL          | \$66             |
| <b>TRACKER P</b>                                  |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AJHW2) | AT25-8-12    | 8.00 x 12.00              | X3  | TL          | \$72             |
|   | (AJHW1) | AT25-11-10   | 11.00 x 10.00             | X3  | TL          | \$78             |
| <b>TRACKER PT</b>                                 |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AJHX1) | AT23-7-10    | 7.00 x 10.00              | X2  | TL          | \$62             |
| <b>TRACKER ST</b>                                 |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AJHY1) | AT23-7-10    | 7.00 x 10.00              | X2  | TL          | \$66             |
| <b>WRANGLER SPORT &amp; WRANGLER SPORT RADIAL</b> |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AJHZ1) | 22-800-10NHS | 8.00 x 10.00              | 01  | TL          | \$61             |
|   | (AJHZ4) | 22-800R10NHS | 8.00 x 10.00              | 01  | TL          | \$62             |
|   | (AJHZ2) | 22-1100-10   | 11.00 x 10.00             | 01  | TL          | \$64             |
|   | (AJHZ3) | 24-1100-10   | 11.00 x 10.00             | 01  | TL          | \$76             |
| <b><u>INDUSTRIAL, MINE SERVICE</u></b>            |         |              |                           |     |             |                  |
| <b>ROCK MINE SERVICE</b>                          |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AKJA1) | 38-16-15     | 16.00 x 15.00             | 28  | TL          | \$1,237          |
| <b>TRACTION MINE SERVICE</b>                      |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AKJB3) | 825-15       | 8.25 x 15.00              | 16  | TT          | \$318            |
|   | (AKJB2) | 1000L15NHS   | 10.00 x 15.00             | 16  | TT          | \$392            |
|   | (AKJB5) | 32-1450-15   | 14.50 x 15.00             | 20  | TT          | \$438            |
|   | (AKJB4) | 1450L-15     | 14.50 x 15.00             | 20  | TT          | \$600            |
|   | (AKJB6) | 1450L-15     | 14.50 x 15.00             | 28  | TL          | \$656            |
|   | (AKJB1) | 15L-10       | 15.00 x 10.00             | 24  | TT          | \$372            |
| <b>HARD ROCK LUG MINE &amp; INDUSTRIAL</b>        |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AKJC1) | 1000-20      | 10.00 x 20.00             | 14  | TT          | \$411            |
| <b>XTRA TRACTION LUG</b>                          |         |              | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AKJD2) | 825-15       | 8.25 x 15.00              | 16  | TT          | \$400            |
|   | (AKJD3) | 1000L15NHS   | 10.00 x 15.00             | 16  | TT          | \$487            |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE   | EP CODE  | DESCRIPTION | SIZE                     | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|----------|-------------|--------------------------|-----|-------------|------------------|
|   | (AKJD7)  | 24-1200-12  | 12.00 x 12.00            | 24  | TL          | \$456            |
|   | (AKJD4)  | 32-1450-15  | 14.50 x 15.00            | 24  | TL          | \$727            |
|   | (AKJD5)  | 1450L-15    | 14.50 x 15.00            | 28  | TL          | \$959            |
|   | (AKJD6)  | 1450L-15    | 14.50 x 15.00            | 32  | TL          | \$1,030          |
|   | (AKJD1)  | 15L-10      | 15.00 x 10.00            | 24  | TT          | \$589            |
|   | (AKJD8)  | 44-18-20    | 18.00 x 20.00            | 32  | TL          | \$1,545          |
| <b>XTRA TRACTION GRIP</b>   |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|   | (AKJE1)  | 32-12-15NHS | 12.00 x 15.00            | 20  | TT          | \$461            |
| <b><u>INDUSTRIAL, PERMAFOAM INFLATION</u></b>                           |          |             |                          |     |             |                  |
| <b>PERMAFOAM INFLATION</b>  |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|   | (ALKA6)  | 825-15      | 8.25 x 15.00             | UK  | NO          | \$434            |
|   | (ALKA7)  | 1000-15     | 10.00 x 15.00            | UK  | NO          | \$514            |
|   | (ALKA1)  | 1000-20     | 10.00 x 20.00            | UK  | NO          | \$696            |
|   | (ALKA8)  | 1100-15     | 11.00 x 15.00            | UK  | NO          | \$602            |
|   | (ALKA15) | 24-1200-12  | 12.00 x 12.00            | UK  | NO          | \$293            |
|   | (ALKA10) | 32-12-15    | 12.00 x 15.00            | UK  | NO          | \$570            |
|   | (ALKA2)  | 1200-20     | 12.00 x 20.00            | UK  | NO          | \$991            |
|   | (ALKA4)  | 1200-24     | 12.00 x 24.00            | UK  | NO          | \$1,103          |
|   | (ALKA9)  | 28-13-15    | 13.00 x 15.00            | UK  | NO          | \$510            |
|   | (ALKA3)  | 1400-20     | 14.00 x 20.00            | UK  | NO          | \$1,400          |
|   | (ALKA11) | 32-1450-15  | 14.50 x 15.00            | UK  | NO          | \$586            |
|   | (ALKA12) | 1450-15     | 14.50 x 15.00            | UK  | NO          | \$657            |
|   | (ALKA5)  | 15-10       | 15.00 x 10.00            | UK  | NO          | \$520            |
|   | (ALKA13) | 38-16-15    | 16.00 x 15.00            | UK  | NO          | \$915            |
|   | (ALKA14) | 44-18-20    | 18.00 x 20.00            | UK  | NO          | \$1,140          |
| <b><u>OFF-THE-ROAD, MED &amp; HEAVY COMMERCIAL, UNISTEEL RADIAL</u></b> |          |             |                          |     |             |                  |
| <b>G-2 GRADER SERVICE - RL2F, SG2B</b>                                  |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|   | (AML A2) | 1300R24     | 13.00 x 24.00            | X1  | NO          | \$772            |
|   | (AML A1) | 1400R24     | 14.00 x 24.00            | X1  | NO          | \$843            |
|   | (AML A3) | 1400R24     | 14.00 x 24.00            | X1  | NO          | \$872            |
|   | (AML A5) | 155R25      | 15.50 x 25.00            | X1  | NO          | \$803            |
|   | (AML A4) | 1600R24     | 16.00 x 24.00            | X1  | NO          | \$1,070          |
| <b>E-2 HAULAGE SERVICE - RL2F/GP2B RL2+</b>                             |          |             | <i>(Life = 5000 hrs)</i> |     |             |                  |
|   | (AML B7) | 1400R24     | 14.00 x 24.00            | X3  | NO          | \$1,116          |
|   | (AML B1) | 175R25      | 17.50 x 25.00            | X1  | NO          | \$1,119          |
|   | (AML B4) | 175R25      | 17.50 x 25.00            | X1  | NO          | \$1,437          |
|   | (AML B8) | 1800R25     | 18.00 x 25.00            | X2  | NO          | \$1,695          |
|   | (AML B2) | 205R25      | 20.50 x 25.00            | X1  | NO          | \$1,649          |
|   | (AML B5) | 205R25      | 20.50 x 25.00            | X1  | NO          | \$2,090          |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE   | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|----------|-------------|---------------------------|-----|-------------|------------------|
|   | (AMLB9)  | 205R25      | 20.50 x 25.00             | X2  | NO          | \$1,693          |
|   | (AMLB13) | 205R25      | 20.50 x 25.00             | X2  | NO          | \$2,131          |
|   | (AMLB15) | 2100R35     | 21.00 x 35.00             | X2  | NO          | \$3,321          |
|   | (AMLB3)  | 235R25      | 23.50 x 25.00             | X1  | NO          | \$2,156          |
|   | (AMLB6)  | 235R25      | 23.50 x 25.00             | X1  | NO          | \$2,479          |
|   | (AMLB11) | 235R25      | 23.50 x 25.00             | X1  | NO          | \$2,994          |
|   | (AMLB10) | 235R25      | 23.50 x 25.00             | X2  | NO          | \$2,199          |
|   | (AMLB14) | 235R25      | 23.50 x 25.00             | X2  | NO          | \$2,604          |
|   | (AMLB12) | 235R25      | 23.50 x 25.00             | X2  | NO          | \$3,178          |
|   | (AMLB21) | 265R25      | 26.50 x 25.00             | X2  | NO          | \$2,998          |
|   | (AMLB24) | 265R25      | 26.50 x 25.00             | X2  | NO          | \$3,140          |
|   | (AMLB20) | 2700R49     | 27.00 x 49.00             | X2  | NO          | \$6,643          |
|   | (AMLB22) | 295R25      | 29.50 x 25.00             | X2  | NO          | \$3,753          |
|   | (AMLB25) | 295R25      | 29.50 x 25.00             | X2  | NO          | \$4,830          |
|   | (AMLB16) | 295R29      | 29.50 x 29.00             | X2  | NO          | \$3,789          |
|   | (AMLB17) | 3325R35     | 33.25 x 35.00             | X2  | NO          | \$5,326          |
|   | (AMLB18) | 3725R35     | 37.25 x 35.00             | X2  | NO          | \$6,943          |
|   | (AMLB19) | 375R39      | 37.50 x 39.00             | X2  | NO          | \$7,511          |
|   | (AMLB23) | 405/75R39   | 40.50 x 39.00             | X2  | NO          | \$8,454          |
| <b>E-3 HAULAGE SERVICE - ROCK DESIGN RL3, RL3J, R</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AMLC1)  | 1600R25     | 16.00 x 25.00             | X2  | NO          | \$2,246          |
|   | (AMLC2)  | 1800R25     | 18.00 x 25.00             | X2  | NO          | \$2,219          |
|   | (AMLC3)  | 1800R33     | 18.00 x 33.00             | X2  | NO          | \$2,844          |
|   | (AMLC4)  | 2100R35     | 21.00 x 35.00             | X2  | NO          | \$3,568          |
|   | (AMLC5)  | 2400R35     | 24.00 x 35.00             | X2  | NO          | \$4,551          |
|   | (AMLC6)  | 295R29      | 29.50 x 29.00             | X2  | NO          | \$4,257          |
|   | (AMLC7)  | 3325R35     | 33.25 x 25.00             | X2  | NO          | \$5,679          |
|   | (AMLC8)  | 3725R35     | 37.35 x 35.00             | X2  | NO          | \$7,259          |
|   | (AMLC9)  | 375R39      | 37.50 x 39.00             | X2  | NO          | \$7,557          |
| <b>E-4 RL4J/RL4 &amp; RL4H/RL4 E4</b>                 |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AMLD1)  | 1200R24     | 12.00 x 24.00             | X3  | NO          | \$1,022          |
|   | (AMLD2)  | 1400R24     | 14.00 x 24.00             | X3  | NO          | \$1,224          |
|   | (AMLD3)  | 1400R25     | 14.00 x 25.00             | X3  | NO          | \$1,325          |
|   | (AMLD4)  | 1800R25     | 18.00 x 25.00             | X2  | NO          | \$2,276          |
|   | (AMLD5)  | 1800R33     | 18.00 x 33.00             | X2  | NO          | \$2,996          |
|   | (AMLD14) | 2100R35     | 21.00 x 35.00             | X2  | NO          | \$4,027          |
|   | (AMLD15) | 2400R35     | 24.00 x 25.00             | X2  | NO          | \$5,165          |
|   | (AMLD6)  | 2400R49     | 24.00 x 49.00             | X2  | NO          | \$6,255          |
|   | (AMLD16) | 2400R49     | 24.00 x 49.00             | X2  | NO          | \$6,381          |
|   | (AMLD7)  | 2700R49     | 27.00 x 49.00             | X2  | NO          | \$7,655          |
|   | (AMLD17) | 2700R49     | 27.00 x 49.00             | X2  | NO          | \$7,655          |
|   | (AMLD8)  | 3000R51     | 30.00 x 51.00             | X2  | NO          | \$9,394          |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE   | EP CODE | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|---------|-------------|---------------------------|-----|-------------|------------------|
|   | (AML9)  | 3300R51     | 33.00 x 51.00             | X2  | NO          | \$11,850         |
|   | (AML10) | 3600R51     | 36.00 x 51.00             | X2  | NO          | \$13,177         |
|   | (AML11) | 3700R57     | 37.00 x 57.00             | X2  | NO          | \$17,731         |
|   | (AML13) | 4000R57     | 40.00 x 57.00             | X2  | NO          | \$20,128         |
|   | (AML12) | 4000R57     | 40.00 x 57.00             | X2  | NO          | \$21,322         |
| <b>MOBILE CRANE</b>                                   |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AMLF1) | 445/80R25   | 17.50 x 25.00             | UK  | NO          | \$1,300          |
|   | (AMLF2) | 445/95R25   | 17.50 x 25.00             | UK  | NO          | \$1,842          |
|   | (AMLF3) | 525/80R25   | 20.60 x 25.00             | UK  | NO          | \$1,918          |
| <b>L-5 DOZER &amp; LOADER SERVICE RL5K</b>            |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AMLG1) | 205R25      | 20.50 x 25.00             | X1  | NO          | \$2,829          |
|   | (AMLG2) | 235R25      | 23.50 x 25.00             | X1  | NO          | \$3,521          |
| <b>SPECIAL SERVICE - AT2A</b>                         |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (AMLH1) | 1400R20     | 14.00 x 20.00             | 18  | NO          | \$660            |
|   | (AMLH3) | 1600R20     | 16.00 x 20.00             | 22  | NO          | \$1,037          |
|   | (AMLH4) | 1600R21     | 16.00 x 21.00             | 22  | NO          | \$1,089          |
|   | (AMLH2) | 175R25      | 17.50 x 25.00             | X1  | NO          | \$1,038          |
|   | (AMLH5) | 555/65R25   | 21.80 x 25.00             | UK  | NO          | \$1,875          |
|   | (AMLH6) | 22/65R25    | 22.00 x 25.00             | X1  | NO          | \$1,549          |
| <b>OFF-THE-ROAD, MED &amp; HEAVY COMMERCIAL, BIAS</b> |         |             |                           |     |             |                  |
| <b>INDUSTRIAL SURE GRIP MPT</b>                       |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMA1) | 105-20      | 10.50 x 20.00             | 10  | NO          | \$321            |
|   | (ANMA2) | 125-20      | 12.50 x 20.00             | 10  | NO          | \$411            |
| <b>E-1 HRR 1A</b>                                     |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMB1) | 1400-25     | 14.00 x 25.00             | 20  | TL          | \$852            |
|   | (ANMB2) | 1600-25     | 16.00 x 25.00             | 32  | TL          | \$1,699          |
| <b>E-2 TRACTION EARTHMOVER SURE GRIP</b>              |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMC1) | 1400-20     | 14.00 x 20.00             | 12  | TT          | \$547            |
|   | (ANMC2) | 1800-25     | 18.00 x 25.00             | 12  | TL          | \$1,688          |
|   | (ANMC3) | 1800-25     | 18.00 x 25.00             | 16  | TL          | \$1,771          |
| <b>E-2 TRACTION SURE GRIP LUG</b>                     |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMD1) | 295-25      | 29.50 x 25.00             | 22  | TL          | \$3,081          |
|   | (ANMD2) | 295-29      | 29.50 x 29.00             | 34  | TL          | \$3,454          |
|   | (ANMD3) | 295-35      | 29.50 x 35.00             | 28  | TL          | \$3,882          |
| <b>E-3 ROCK SERVICE HARD ROCK LUG/HRL WC</b>          |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANME1) | 1200-20     | 12.00 x 20.00             | 16  | TT          | \$570            |
|   | (ANME2) | 1200-24     | 12.00 x 24.00             | 16  | TT          | \$656            |
|   | (ANME3) | 1400-24     | 14.00 x 24.00             | 20  | TT          | \$950            |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                                     | EP CODE | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|---------|-------------|---------------------------|-----|-------------|------------------|
|   | (ANME4) | 1400-25     | 14.00 x 25.00             | 20  | TL          | \$941            |
|   | (ANME5) | 1600-25     | 16.00 x 25.00             | 20  | TL          | \$1,389          |
|   | (ANME6) | 1600-25     | 16.00 x 25.00             | 24  | TL          | \$1,461          |
|   | (ANME7) | 1600-25     | 16.00 x 25.00             | 28  | TL          | \$1,533          |
| <b>E-3 ROCK SERVICE SUPER HARD ROCK LUG</b>   |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMF1) | 265-25      | 26.50 x 25.00             | 20  | TL          | \$2,184          |
|   | (ANMF2) | 265-25      | 26.50 x 25.00             | 26  | TL          | \$2,402          |
|   | (ANMF3) | 295-25      | 29.50 x 25.00             | 22  | TL          | \$3,033          |
|   | (ANMF4) | 295-25      | 29.50 x 25.00             | 28  | TL          | \$3,169          |
|   | (ANMF5) | 295-29      | 29.50 x 29.00             | 28  | TL          | \$3,389          |
|   | (ANMF6) | 295-29      | 29.50 x 29.00             | 34  | TL          | \$3,634          |
| <b>E-3 ROCK SERVICE SHRL8</b>                 |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMG3) | 295-35      | 29.50 x 35.00             | 28  | TL          | \$3,751          |
|   | (ANMG4) | 295-35      | 29.50 x 35.00             | 34  | TL          | \$3,910          |
|   | (ANMG1) | 3325-29     | 33.25 x 29.00             | 26  | TL          | \$3,932          |
|   | (ANMG5) | 3325-35     | 33.25 x 35.00             | 32  | TL          | \$4,578          |
|   | (ANMG6) | 3325-35     | 33.25 x 35.00             | 38  | TL          | \$5,004          |
|   | (ANMG2) | 335-33      | 33.50 x 33.00             | 32  | TL          | \$4,526          |
|   | (ANMG7) | 3725-35     | 37.25 x 35.00             | 30  | TL          | \$5,468          |
|   | (ANMG8) | 3725-35     | 37.25 x 35.00             | 36  | TL          | \$5,892          |
|   | (ANMG9) | 375-39      | 37.50 x 39.00             | 44  | TL          | \$6,547          |
| <b>E-3 ROCK SERVICE ELV3A, ELV4B, ELV4/5A</b> |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMH5) | 1600-25     | 16.00 x 25.00             | 28  | TL          | \$2,008          |
|   | (ANMH6) | 1600-25     | 16.00 x 25.00             | 32  | TL          | \$2,110          |
|   | (ANMH2) | 1800-25     | 18.00 x 25.00             | 32  | TL          | \$2,230          |
|   | (ANMH3) | 1800-25     | 18.00 x 25.00             | 32  | TL          | \$2,502          |
|   | (ANMH7) | 1800-25     | 18.00 x 25.00             | 36  | TL          | \$2,879          |
|   | (ANMH4) | 1800-25     | 18.00 x 25.00             | 40  | TL          | \$2,689          |
|   | (ANMH8) | 1800-25     | 18.00 x 25.00             | 40  | TL          | \$3,093          |
|   | (ANMH9) | 2100-25     | 21.00 x 25.00             | 32  | TL          | \$3,070          |
|   | (ANMH1) | 235-25      | 23.50 x 25.00             | 36  | TL          | \$2,362          |
| <b>E-3 ROCK SERVICE HRL 3F</b>                |         |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMJ2) | 3325-35     | 33.25 x 35.00             | 32  | TL          | \$4,742          |
|   | (ANMJ3) | 3325-35     | 33.25 x 35.00             | 38  | TL          | \$5,106          |
|   | (ANMJ4) | 3725-35     | 37.25 x 35.00             | 30  | TL          | \$5,609          |
|   | (ANMJ5) | 3725-35     | 37.25 x 35.00             | 36  | TL          | \$6,067          |
|   | (ANMJ1) | 375-33      | 37.50 x 33.00             | 42  | TL          | \$6,569          |
|   | (ANMJ6) | 375-39      | 37.50 x 39.00             | 44  | TL          | \$6,716          |
|   | (ANMJ7) | 375-39      | 37.50 x 39.00             | 52  | TL          | \$7,083          |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE                                 | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|---|----------|-------------|---------------------------|-----|-------------|------------------|
| <b>E-3 ROCK SERVICE UMS 3A</b>            |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMK1)  | 1200-20     | 12.00 x 20.00             | 16  | TT          | \$570            |
|   | (ANMK2)  | 1200-20     | 12.00 x 20.00             | 20  | TT          | \$687            |
|   | (ANMK4)  | 1200-24     | 12.00 x 24.00             | 16  | TT          | \$656            |
|   | (ANMK3)  | 1400-20     | 14.00 x 20.00             | 24  | TT          | \$917            |
| <b>E-3 ROCK SERVICE WRL 3A</b>            |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANML1)  | 1400-20     | 14.00 x 20.00             | 24  | TT          | \$917            |
|   | (ANML2)  | 1400-24     | 14.00 x 24.00             | 24  | TT          | \$990            |
|   | (ANML3)  | 1400-24     | 14.00 x 24.00             | 28  | TT          | \$1,192          |
| <b>E-4 ROCK SERVICE AMS4/5 A</b>          |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMM1)  | 1200-24     | 12.00 x 24.00             | 16  | TT          | \$835            |
| <b>E-4 ROCK SERVICE HRL 4B</b>            |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMN1)  | 1600-25     | 16.00 x 25.00             | 28  | TL          | \$1,655          |
|   | (ANMN2)  | 1800-25     | 18.00 x 25.00             | 32  | TL          | \$2,276          |
|   | (ANMN3)  | 1800-33     | 18.00 x 33.00             | 32  | TL          | \$2,821          |
|   | (ANMN4)  | 2100-35     | 21.00 x 35.00             | 36  | TL          | \$3,701          |
|   | (ANMN5)  | 2400-35     | 24.00 x 35.00             | 36  | TL          | \$4,723          |
|   | (ANMN6)  | 2700-49     | 27.00 x 49.00             | 42  | TL          | \$6,869          |
|   | (ANMN7)  | 2700-49     | 27.00 x 49.00             | 48  | TL          | \$7,420          |
|   | (ANMN8)  | 3000-51     | 30.00 x 51.00             | 46  | TL          | \$11,490         |
|   | (ANMN9)  | 3600-51     | 36.00 x 51.00             | 58  | TL          | \$19,676         |
| <b>E-4 ROCK SERVICE MRL 4B</b>            |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMO1)  | 2400-49     | 24.00 x 49.00             | 48  | TL          | \$6,773          |
|   | (ANMO2)  | 3600-51     | 36.00 x 51.00             | 58  | TL          | \$19,676         |
| <b>E-6 TOW SERVICE - RIB TOW SERVICE</b>  |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMP1)  | 61-1800-25  | 18.00 x 25.00             | 44  | TL          | \$2,612          |
| <b>E-7 FLOTATION TYPE SAND RIB SRB 7A</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|   | (ANMQ1)  | 1800-25     | 18.00 x 25.00             | 12  | TL          | \$1,184          |
|   | (ANMQ2)  | 1800-25     | 18.00 x 25.00             | 16  | TL          | \$1,303          |
|   | (ANMQ3)  | 1800-25     | 18.00 x 25.00             | 28  | TL          | \$1,732          |
|   | (ANMQ6)  | 2100-25     | 21.00 x 25.00             | 16  | TL          | \$1,876          |
|   | (ANMQ4)  | 24-205      | 24.00 x 20.50             | 16  | TL          | \$1,534          |
|   | (ANMQ5)  | 24-21       | 24.00 x 21.00             | 14  | TL          | \$1,214          |
|   | (ANMQ9)  | 24-21       | 24.00 x 21.00             | 14  | TT          | \$1,247          |
|   | (ANMQ10) | 24-21       | 24.00 x 21.00             | 16  | TT          | \$1,372          |
|   | (ANMQ11) | 2725-21     | 27.25 x 21.00             | 16  | TT          | \$1,487          |
|   | (ANMQ7)  | 295-25      | 29.50 x 25.00             | 28  | TL          | \$3,597          |
|   | (ANMQ8)  | 3600-51     | 36.00 x 51.00             | 42  | TL          | \$9,495          |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE  | EP CODE  | DESCRIPTION | SIZE                      | PLY | TUBE<br>(I) | COST<br>PER EACH |
|--|----------|-------------|---------------------------|-----|-------------|------------------|
| <b>E-7 FLOTATION TYPE PAVER TIRE</b>               |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|  | (ANMR1)  | 1600-24     | 16.00 x 24.00             | 12  | NO          | \$1,005          |
| <b>G-1 RBG 1A</b>                                  |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|  | (ANMS1)  | 1400-24     | 14.00 x 24.00             | 12  | TL          | \$649            |
| <b>G-2 SGG2A</b>                                   |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|  | (ANMT2)  | 1200-24     | 12.00 x 24.00             | 8   | TL          | \$344            |
|  | (ANMT1)  | 1300-20     | 13.00 x 20.00             | 10  | TT          | \$342            |
|  | (ANMT3)  | 1300-24     | 13.00 x 24.00             | 10  | TL          | \$354            |
|  | (ANMT4)  | 1300-24     | 13.00 x 24.00             | 12  | TL          | \$388            |
|  | (ANMT10) | 1300-24     | 13.00 x 24.00             | 12  | TL          | \$540            |
|  | (ANMT5)  | 1400-24     | 14.00 x 24.00             | 10  | TL          | \$394            |
|  | (ANMT6)  | 1400-24     | 14.00 x 24.00             | 12  | TL          | \$407            |
|  | (ANMT7)  | 1400-24     | 14.00 x 24.00             | 16  | TL          | \$528            |
|  | (ANMT8)  | 1600-24     | 16.00 x 24.00             | 12  | TL          | \$960            |
|  | (ANMT9)  | 1600-24     | 16.00 x 24.00             | 16  | TL          | \$1,008          |
| <b>G-2 GRADER SMOOTH</b>                           |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|  | (ANMU1)  | 1300-24     | 13.00 x 24.00             | 10  | NO          | \$365            |
| <b>G-2 SGLDL 2A L2</b>                             |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|  | (ANMV2)  | 155-25      | 15.50 x 25.00             | 12  | TL          | \$521            |
|  | (ANMV1)  | 155-25      | 15.50 x 25.00             | 8   | TL          | \$486            |
|  | (ANMV3)  | 175-25      | 17.50 x 25.00             | 12  | TL          | \$570            |
|  | (ANMV4)  | 175-25      | 17.50 x 25.00             | 16  | TL          | \$709            |
|  | (ANMV5)  | 175-25      | 17.50 x 25.00             | 20  | TL          | \$797            |
| <b>G-2 SGLEL 2A ES/L2/G2</b>                       |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|  | (ANMW1)  | 205-25      | 20.50 x 25.00             | 12  | TL          | \$1,053          |
|  | (ANMW2)  | 205-25      | 20.50 x 25.00             | 16  | TL          | \$1,106          |
|  | (ANMW3)  | 205-25      | 20.50 x 25.00             | 20  | TL          | \$1,156          |
|  | (ANMW4)  | 235-25      | 23.50 x 25.00             | 12  | TL          | \$1,459          |
|  | (ANMW5)  | 235-25      | 23.50 x 25.00             | 16  | TL          | \$1,532          |
|  | (ANMW6)  | 235-25      | 23.50 x 25.00             | 20  | TL          | \$1,609          |
| <b>G-3 RKG 3A</b>                                  |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|  | (ANMX1)  | 1400-24     | 14.00 x 24.00             | 16  | TL          | \$694            |
|  | (ANMX2)  | 1600-24     | 16.00 x 24.00             | 16  | TL          | \$1,242          |
| <b>G-4 SGG-4B</b>                                  |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|  | (ANMY1)  | 1400-24     | 14.00 x 24.00             | 12  | TL          | \$621            |
| <b>L-2 DOZER/LOADER SERVICE TRACTION SG LUG DL</b> |          |             | <i>(Life = 5000 hrs )</i> |     |             |                  |
|  | (ANNA1)  | 265-25      | 26.50 x 25.00             | 14  | TL          | \$1,798          |
|  | (ANNA2)  | 265-25      | 26.50 x 25.00             | 20  | TL          | \$1,977          |



**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE   | EP CODE | DESCRIPTION | SIZE                      | PLY   | TUBE<br>(I) | COST<br>PER EACH |
|---|---------|-------------|---------------------------|-------|-------------|------------------|
| <b>L-3 DOZER/LOADER SERVICE ROCK SERVICE E3/L3</b>      |         |             | <i>(Life = 5000 hrs )</i> |       |             |                  |
|   | (ANNB1) | 205-25      | 20.50 x 25.00             | 12    | TL          | \$1,212          |
|   | (ANNB2) | 205-25      | 20.50 x 25.00             | 16    | TL          | \$1,260          |
|   | (ANNB3) | 205-25      | 20.50 x 25.00             | 20    | TL          | \$1,335          |
|   | (ANNB4) | 235-25      | 23.50 x 25.00             | 12    | TL          | \$1,624          |
|   | (ANNB5) | 235-25      | 23.50 x 25.00             | 16    | TL          | \$1,711          |
|   | (ANNB6) | 235-25      | 23.50 x 25.00             | 20    | TL          | \$1,863          |
| <b>L-3 DOZER/LOADER SERVICE ROCK SHRL DL</b>            |         |             | <i>(Life = 5000 hrs )</i> |       |             |                  |
|   | (ANNC1) | 265-25      | 26.50 x 25.00             | 20    | TL          | \$2,367          |
|   | (ANNC2) | 295-25      | 29.50 x 25.00             | 22    | TL          | \$3,074          |
|   | (ANNC3) | 295-25      | 29.50 x 25.00             | 28    | TL          | \$3,309          |
| <b>L-3 DOZER/LOADER SERVICE ROCK HRL DL 3A &amp; 3F</b> |         |             | <i>(Life = 5000 hrs )</i> |       |             |                  |
|   | (ANND1) | 155-25      | 15.50 x 25.00             | 12    | TL          | \$544            |
|   | (ANND2) | 175-25      | 17.50 x 25.00             | 12    | TL          | \$649            |
|   | (ANND3) | 175-25      | 17.50 x 25.00             | 16    | TL          | \$733            |
|   | (ANND4) | 175-25      | 17.50 x 25.00             | 20    | TL          | \$944            |
|   | (ANND5) | 175-25      | 17.50 x 25.00             | 6S 20 | TL          | \$1,245          |
|   | (ANND6) | 3325-35     | 33.25 x 35.00             | 50    | NO          | \$6,089          |
| <b>L-4 DOZER/LOADER SERVICE ROCK DEEP TREAD S</b>       |         |             | <i>(Life = 5000 hrs )</i> |       |             |                  |
|   | (ANNE1) | 235-25      | 23.50 x 25.00             | 20    | TL          | \$2,437          |
|   | (ANNE2) | 265-25      | 26.50 x 25.00             | 20    | TL          | \$2,961          |
|   | (ANNE3) | 295-25      | 29.50 x 25.00             | 22    | TL          | \$3,643          |
|   | (ANNE4) | 295-25      | 29.50 x 25.00             | 28    | TL          | \$3,923          |
|   | (ANNE5) | 295-29      | 29.50 x 29.00             | 28    | TL          | \$4,111          |
| <b>L-4 DOZER/LOADER SERVICE ROCK DEEP TREAD H</b>       |         |             | <i>(Life = 5000 hrs )</i> |       |             |                  |
|   | (ANNF1) | 50/80-57    | 50.00 x 57.00             | 68    | TL          | \$37,260         |
| <b>L-4 DOZER/LOADER SERVICE ROCK DEEP TREAD N</b>       |         |             | <i>(Life = 5000 hrs )</i> |       |             |                  |
|   | (ANNG1) | 35/65-33    | 35.00 x 33.00             | 24    | TL          | \$5,376          |
|   | (ANNG2) | 35/65-33    | 35.00 x 33.00             | 30    | TL          | \$6,395          |
| <b>L-5 DOZER/LOADER SERVICE ROCK SUPER XTRA TF</b>      |         |             | <i>(Life = 5000 hrs )</i> |       |             |                  |
|   | (ANNH1) | 205-25      | 20.50 x 25.00             | 12    | TL          | \$1,756          |
|   | (ANNH2) | 235-25      | 23.50 x 25.00             | 20    | TL          | \$2,443          |
| <b>L-5 DOZER/LOADER SERVICE ROCK SUPER XTRA TF</b>      |         |             | <i>(Life = 5000 hrs )</i> |       |             |                  |
|   | (ANNJ1) | 265-25      | 26.50 x 25.00             | 20    | TL          | \$3,290          |
|   | (ANNJ2) | 295-25      | 29.50 x 25.00             | 22    | TL          | \$4,479          |
|   | (ANNJ3) | 295-29      | 29.50 x 29.00             | 22    | TL          | \$4,694          |
|   | (ANNJ4) | 295-29      | 29.50 x 29.00             | 28    | TL          | \$5,056          |
|   | (ANNJ5) | 3725-35     | 37.25 x 35.00             | 42    | TL          | \$8,674          |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE  | EP CODE  | DESCRIPTION | SIZE          | PLY | TUBE<br>(I) | COST<br>PER EACH |
|--|----------|-------------|---------------|-----|-------------|------------------|
| <b>L-5 DOZER/LOADER SERVICE ROCK SUPER XTRA TF</b> <i>(Life = 5000 hrs )</i> |          |             |               |     |             |                  |
|  | (ANNK1)  | 265-25      | 26.50 x 25.00 | 20  | TL          | \$2,991          |
|  | (ANNK2)  | 295-25      | 29.50 x 25.00 | 22  | TL          | \$4,073          |
|  | (ANNK3)  | 295-29      | 29.50 x 29.00 | 22  | TL          | \$4,550          |
|  | (ANNK4)  | 295-29      | 29.50 x 29.00 | 28  | TL          | \$4,778          |
|  | (ANNK5)  | 375-39      | 37.50 x 39.00 | 44  | TL          | \$9,904          |
| <b>L-5 DOZER/LOADER SERVICE ROCK SUPER XTRA TF</b> <i>(Life = 5000 hrs )</i> |          |             |               |     |             |                  |
|  | (ANNL1)  | 35/65-33    | 35.00 x 33.00 | 24  | TL          | \$5,781          |
|  | (ANNL2)  | 35/65-33    | 35.00 x 33.00 | 30  | TL          | \$6,647          |
|  | (ANNL3)  | 40/65-39    | 40.00 x 39.00 | 30  | TL          | \$8,454          |
|  | (ANNL4)  | 4125/70-39  | 41.25 x 39.00 | 34  | TL          | \$9,682          |
|  | (ANNL5)  | 4125/70-39  | 41.25 x 39.00 | 42  | TL          | \$10,651         |
|  | (ANNL6)  | 45/65-45    | 45.00 x 45.00 | 38  | TL          | \$11,769         |
|  | (ANNL7)  | 45/65-45    | 45.00 x 45.00 | 46  | TL          | \$12,304         |
|  | (ANNL8)  | 50/65-51    | 50.00 x 51.00 | 62  | TL          | \$27,515         |
| <b>L-5 DOZER/LOADER SERVICE ROCK SUPER XTRA TF</b> <i>(Life = 5000 hrs )</i> |          |             |               |     |             |                  |
|  | (ANNM1)  | 35/65-33    | 35.00 x 33.00 | 24  | TL          | \$6,406          |
|  | (ANNM2)  | 45/65-45    | 45.00 x 45.00 | 46  | TL          | \$12,905         |
| <b>L-5 DOZER/LOADER SERVICE SMOOTH SMO SL5B</b> <i>(Life = 5000 hrs )</i>    |          |             |               |     |             |                  |
|  | (ANNN1)  | 175-25      | 17.50 x 25.00 | 20  | TL          | \$2,133          |
|  | (ANNN2)  | 1800-25     | 18.00 x 25.00 | 24  | TL          | \$2,913          |
|  | (ANNN3)  | 1800-25     | 18.00 x 25.00 | 28  | TL          | \$3,058          |
| <b>L-5 DOZER/LOADER SERVICE SMOOTH SUPER XTRA</b> <i>(Life = 5000 hrs )</i>  |          |             |               |     |             |                  |
|  | (ANNO1)  | 2100-25     | 21.00 x 25.00 | 32  | TL          | \$5,006          |
|  | (ANNO2)  | 265-25      | 26.50 x 25.00 | 26  | TL          | \$3,922          |
|  | (ANNO3)  | 265-25      | 26.50 x 25.00 | 32  | TL          | \$4,314          |
|  | (ANNO4)  | 295-25      | 29.50 x 25.00 | 28  | TL          | \$5,670          |
| <b>L-5 DOZER/LOADER SERVICE SMOOTH NSM DL5B</b> <i>(Life = 5000 hrs )</i>    |          |             |               |     |             |                  |
|  | (ANNP1)  | 35/65-33    | 35.00 x 33.00 | 24  | TL          | \$6,831          |
|  | (ANNP2)  | 45/65-45    | 45.00 x 45.00 | 46  | TL          | \$13,277         |
| <b>L-5 DOZER/LOADER SERVICE SMOOTH NYLOSTEEL</b> <i>(Life = 5000 hrs )</i>   |          |             |               |     |             |                  |
|  | (ANNQ1)  | 45/65-45    | 45.00 x 45.00 | 38  | TL          | \$11,769         |
|  | (ANNQ2)  | 45/65-45    | 45.00 x 45.00 | 46  | TL          | \$12,304         |
| <b><u>INDUSTRIAL, PRESSED-ON</u></b>   |          |             |               |     |             |                  |
| <b>PRESSED-ON, HIGH PERFORMANCE, NON-MARKING</b> <i>(Life = 5000 hrs )</i>   |          |             |               |     |             |                  |
|  | (EPPO5)  | 10-3-61/4   | 3.00 x 10.00  |     | NO          | \$71             |
|  | (EPPO4)  | 10-31/2-6   | 3.50 x 10.00  |     | NO          | \$74             |
|  | (EPPO18) | 12-31/2-8   | 3.50 x 12.00  |     | NO          | \$79             |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE | EP CODE   | DESCRIPTION   | SIZE         | PLY | TUBE<br>(I) | COST<br>PER EACH |
|-----------|-----------|---------------|--------------|-----|-------------|------------------|
|           | (EPPO23)  | 13-31/2-8     | 3.50 x 13.00 |     | NO          | \$86             |
|           | (EPPO25)  | 13-31/2-81/4  | 3.50 x 13.00 |     | NO          | \$125            |
|           | (EPPO32)  | 15-31/2-111/4 | 3.50 x 15.00 |     | NO          | \$143            |
|           | (EPPO1)   | 81/2-4-4      | 4.00 x 8.50  |     | NO          | \$110            |
|           | (EPPO6)   | 10-4-61/4     | 4.00 x 10.00 |     | NO          | \$72             |
|           | (EPPO10)  | 10-4-61/2     | 4.00 x 10.00 |     | NO          | \$95             |
|           | (EPPO3)   | 10-4- 5       | 4.00 x 10.00 |     | NO          | \$126            |
|           | (EPPO19)  | 12-4-8        | 4.00 x 12.00 |     | NO          | \$84             |
|           | (EPPO45)  | 16-4-121/8    | 4.00 x 16.00 |     | NO          | \$97             |
|           | (EPPO47)  | 161/4-4-111/4 | 4.00 x 16.25 |     | NO          | \$92             |
|           | (EPPO51)  | 161/4-4-111/2 | 4.00 x 16.25 |     | NO          | \$159            |
|           | (EPPO20)  | 12-41/2-8     | 4.50 x 12.00 |     | NO          | \$82             |
|           | (EPPO24)  | 13-41/2-8     | 4.50 x 13.00 |     | NO          | \$90             |
|           | (EPPO102) | 13-41/2-8     | 4.50 x 13.00 |     | NO          | \$111            |
|           | (EPPO27)  | 131/2-41/2-8  | 4.50 x 13.50 |     | NO          | \$89             |
|           | (EPPO30)  | 14-41/2-8     | 4.50 x 14.00 |     | NO          | \$101            |
|           | (EPPO40)  | 16-41/2-101/2 | 4.50 x 16.00 |     | NO          | \$122            |
|           | (EPPO44)  | 16-41/2-12    | 4.50 x 16.00 |     | NO          | \$124            |
|           | (EPPO46)  | 16-41/2-121/8 | 4.50 x 16.00 |     | NO          | \$138            |
|           | (EPPO52)  | 17-41/2-121/8 | 4.50 x 17.00 |     | NO          | \$128            |
|           | (EPPO11)  | 10-43/4-61/2  | 4.75 x 10.00 |     | NO          | \$73             |
|           | (EPPO2)   | 9-5- 5        | 5.00 x 9.00  |     | NO          | \$72             |
|           | (EPPO12)  | 10-5-61/2     | 5.00 x 10.00 |     | NO          | \$63             |
|           | (EPPO101) | 10-5-61/2     | 5.00 x 10.00 |     | NO          | \$68             |
|           | (EPPO7)   | 10-5-61/4     | 5.00 x 10.00 |     | NO          | \$75             |
|           | (EPPO13)  | 101/2-5-5     | 5.00 x 10.50 |     | NO          | \$66             |
|           | (EPPO15)  | 101/2-5-61/2  | 5.00 x 10.50 |     | NO          | \$71             |
|           | (EPPO26)  | 13-5-10       | 5.00 x 13.00 |     | NO          | \$97             |
|           | (EPPO31)  | 14-5-10       | 5.00 x 14.00 |     | NO          | \$94             |
|           | (EPPO33)  | 15-5-111/4    | 5.00 x 15.00 |     | NO          | \$94             |
|           | (EPPO38)  | 151/2-5-10    | 5.00 x 15.50 |     | NO          | \$108            |
|           | (EPPO41)  | 16-5-101/2    | 5.00 x 16.00 |     | NO          | \$112            |
|           | (EPPO48)  | 161/4-5-111/4 | 5.00 x 16.25 |     | NO          | \$94             |
|           | (EPPO53)  | 17-5-121/8    | 5.00 x 17.00 |     | NO          | \$112            |
|           | (EPPO56)  | 173/4-5-121/8 | 5.00 x 17.75 |     | NO          | \$139            |
|           | (EPPO58)  | 18-5-121/8    | 5.00 x 18.00 |     | NO          | \$118            |
|           | (EPPO63)  | 18-5-14       | 5.00 x 18.00 |     | NO          | \$132            |
|           | (EPPO68)  | 20-5-16       | 5.00 x 20.00 |     | NO          | \$145            |
|           | (EPPO73)  | 21-5-15       | 5.00 x 21.00 |     | NO          | \$159            |
|           | (EPPO110) | 21-5-15       | 5.00 x 21.00 |     | NO          | \$171            |
|           | (EPPO79)  | 22-5-16       | 5.00 x 22.00 |     | NO          | \$146            |
|           | (EPPO21)  | 12-51/2-8     | 5.50 x 12.00 |     | NO          | \$99             |
|           | (EPPO28)  | 131/2-51/2-8  | 5.50 x 13.50 |     | NO          | \$100            |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE | EP CODE   | DESCRIPTION   | SIZE         | PLY | TUBE<br>(I) | COST<br>PER EACH |
|-----------|-----------|---------------|--------------|-----|-------------|------------------|
|           | (EPPO8)   | 10-6-61/4     | 6.00 x 10.00 |     | NO          | \$84             |
|           | (EPPO16)  | 101/2-6-61/2  | 6.00 x 10.50 |     | NO          | \$86             |
|           | (EPPO14)  | 101/2-6-5     | 6.00 x 10.50 |     | NO          | \$108            |
|           | (EPPO34)  | 15-6-111/4    | 6.00 x 15.00 |     | NO          | \$109            |
|           | (EPPO39)  | 151/2-6-10    | 6.00 x 15.50 |     | NO          | \$121            |
|           | (EPPO42)  | 16-6-101/2    | 6.00 x 16.00 |     | NO          | \$127            |
|           | (EPPO103) | 16-6-101/2    | 6.00 x 16.00 |     | NO          | \$152            |
|           | (EPPO49)  | 161/4-6-111/4 | 6.00 x 16.25 |     | NO          | \$114            |
|           | (EPPO104) | 161/4-6-111/4 | 6.00 x 16.25 |     | NO          | \$137            |
|           | (EPPO54)  | 17-6-121/8    | 6.00 x 17.00 |     | NO          | \$144            |
|           | (EPPO57)  | 173/4-6-121/8 | 6.00 x 17.75 |     | NO          | \$163            |
|           | (EPPO59)  | 18-6-121/8    | 6.00 x 18.00 |     | NO          | \$130            |
|           | (EPPO64)  | 18-6-14       | 6.00 x 18.00 |     | NO          | \$140            |
|           | (EPPO106) | 18-6-121/8    | 6.00 x 18.00 |     | NO          | \$154            |
|           | (EPPO69)  | 20-6-16       | 6.00 x 20.00 |     | NO          | \$164            |
|           | (EPPO74)  | 21-6-15       | 6.00 x 21.00 |     | NO          | \$173            |
|           | (EPPO111) | 21-6-15       | 6.00 x 21.00 |     | NO          | \$184            |
|           | (EPPO80)  | 22-6-16       | 6.00 x 22.00 |     | NO          | \$166            |
|           | (EPPO89)  | 22-6-173/4    | 6.00 x 22.00 |     | NO          | \$204            |
|           | (EPPO22)  | 12-61/2-8     | 6.50 x 12.00 |     | NO          | \$104            |
|           | (EPPO29)  | 131/2-61/2-8  | 6.50 x 13.50 |     | NO          | \$127            |
|           | (EPPO9)   | 10-7-61/4     | 7.00 x 10.00 |     | NO          | \$95             |
|           | (EPPO17)  | 101/2-7-61/2  | 7.00 x 10.50 |     | NO          | \$118            |
|           | (EPPO35)  | 15-7-111/4    | 7.00 x 15.00 |     | NO          | \$124            |
|           | (EPPO43)  | 16-7-101/2    | 7.00 x 16.00 |     | NO          | \$144            |
|           | (EPPO50)  | 161/4-7-111/4 | 7.00 x 16.25 |     | NO          | \$142            |
|           | (EPPO105) | 161/4-7-111/4 | 7.00 x 16.25 |     | NO          | \$165            |
|           | (EPPO55)  | 17-7-121/8    | 7.00 x 17.00 |     | NO          | \$167            |
|           | (EPPO60)  | 18-7-121/8    | 7.00 x 18.00 |     | NO          | \$139            |
|           | (EPPO107) | 18-7-121/8    | 7.00 x 18.00 |     | NO          | \$160            |
|           | (EPPO65)  | 18-7-14       | 7.00 x 18.00 |     | NO          | \$176            |
|           | (EPPO70)  | 20-7-16       | 7.00 x 20.00 |     | NO          | \$179            |
|           | (EPPO75)  | 21-7-15       | 7.00 x 21.00 |     | NO          | \$177            |
|           | (EPPO112) | 21-7-15       | 7.00 x 21.00 |     | NO          | \$209            |
|           | (EPPO81)  | 22-7-16       | 7.00 x 22.00 |     | NO          | \$213            |
|           | (EPPO90)  | 22-7-173/4    | 7.00 x 22.00 |     | NO          | \$220            |
|           | (EPPO94)  | 26-7-20       | 7.00 x 26.00 |     | NO          | \$332            |
|           | (EPPO36)  | 15-8-111/4    | 8.00 x 15.00 |     | NO          | \$139            |
|           | (EPPO61)  | 18-8-121/8    | 8.00 x 18.00 |     | NO          | \$163            |
|           | (EPPO66)  | 18-8-14       | 8.00 x 18.00 |     | NO          | \$178            |
|           | (EPPO108) | 18-8-121/8    | 8.00 x 18.00 |     | NO          | \$184            |
|           | (EPPO71)  | 20-8-16       | 8.00 x 20.00 |     | NO          | \$178            |
|           | (EPPO76)  | 21-8-15       | 8.00 x 21.00 |     | NO          | \$211            |

**APPENDIX F  
TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE | EP CODE   | DESCRIPTION | SIZE          | PLY | TUBE<br>(I) | COST<br>PER EACH |
|-----------|-----------|-------------|---------------|-----|-------------|------------------|
|           | (EPPO113) | 21-8-15     | 8.00 x 21.00  |     | NO          | \$251            |
|           | (EPPO82)  | 22-8-16     | 8.00 x 22.00  |     | NO          | \$221            |
|           | (EPPO115) | 22-8-16     | 8.00 x 22.00  |     | NO          | \$239            |
|           | (EPPO91)  | 22-8-173/4  | 8.00 x 22.00  |     | NO          | \$250            |
|           | (EPPO37)  | 15-9-111/4  | 9.00 x 15.00  |     | NO          | \$202            |
|           | (EPPO67)  | 18-9-14     | 9.00 x 18.00  |     | NO          | \$181            |
|           | (EPPO62)  | 18-9-121/8  | 9.00 x 18.00  |     | NO          | \$191            |
|           | (EPPO109) | 18-9-121/8  | 9.00 x 18.00  |     | NO          | \$216            |
|           | (EPPO72)  | 20-9-16     | 9.00 x 20.00  |     | NO          | \$252            |
|           | (EPPO77)  | 21-9-15     | 9.00 x 21.00  |     | NO          | \$253            |
|           | (EPPO114) | 21-9-15     | 9.00 x 21.00  |     | NO          | \$293            |
|           | (EPPO83)  | 22-9-16     | 9.00 x 22.00  |     | NO          | \$250            |
|           | (EPPO116) | 22-9-16     | 9.00 x 22.00  |     | NO          | \$281            |
|           | (EPPO84)  | 22-10-16    | 10.00 x 22.00 |     | NO          | \$388            |
|           | (EPPO92)  | 22-10-173/4 | 10.00 x 22.00 |     | NO          | \$427            |
|           | (EPPO95)  | 28-10-22    | 10.00 x 28.00 |     | NO          | \$536            |
|           | (EPPO99)  | 36-10-30    | 10.00 x 36.00 |     | NO          | \$747            |
|           | (EPPO85)  | 22-11-16    | 11.00 x 22.00 |     | NO          | \$491            |
|           | (EPPO78)  | 21-12-15    | 12.00 x 21.00 |     | NO          | \$357            |
|           | (EPPO86)  | 22-12-16    | 12.00 x 22.00 |     | NO          | \$457            |
|           | (EPPO96)  | 28-12-22    | 12.00 x 28.00 |     | NO          | \$690            |
|           | (EPPO100) | 36-12-30    | 12.00 x 36.00 |     | NO          | \$818            |
|           | (EPPO87)  | 22-14-16    | 14.00 x 22.00 |     | NO          | \$565            |
|           | (EPPO93)  | 22-14-173/4 | 14.00 x 22.00 |     | NO          | \$599            |
|           | (EPPO97)  | 28-14-22    | 14.00 x 28.00 |     | NO          | \$781            |
|           | (EPPO88)  | 22-16-16    | 16.00 x 22.00 |     | NO          | \$642            |
|           | (EPPO98)  | 28-16-22    | 16.00 x 28.00 |     | NO          | \$939            |

**CONVEYOR/LOADER BELTING**

**CONVEYOR BELTING (GOODYEAR WINGFOOT)**

*(Life = 5000 hrs )*

|          |                  |                |   |    |         |
|----------|------------------|----------------|---|----|---------|
| (AZZA1)  | Conveyor Belting | 24.00 x 50.00  | 2 | NO | \$496   |
| (AZZA2)  | Conveyor Belting | 24.00 x 60.00  | 2 | NO | \$594   |
| (AZZA3)  | Conveyor Belting | 24.00 x 70.00  | 2 | NO | \$693   |
| (AZZA4)  | Conveyor Belting | 24.00 x 80.00  | 2 | NO | \$792   |
| (AZZA5)  | Conveyor Belting | 24.00 x 90.00  | 2 | NO | \$892   |
| (AZZA6)  | Conveyor Belting | 24.00 x 100.00 | 2 | NO | \$991   |
| (AZZA7)  | Conveyor Belting | 24.00 x 110.00 | 2 | NO | \$1,090 |
| (AZZA8)  | Conveyor Belting | 24.00 x 120.00 | 2 | NO | \$1,189 |
| (AZZA9)  | Conveyor Belting | 24.00 x 130.00 | 2 | NO | \$1,288 |
| (AZZA10) | Conveyor Belting | 24.00 x 140.00 | 2 | NO | \$1,387 |
| (AZZA11) | Conveyor Belting | 24.00 x 150.00 | 2 | NO | \$1,487 |
| (AZZA12) | Conveyor Belting | 30.00 x 50.00  | 2 | NO | \$619   |
| (AZZA13) | Conveyor Belting | 30.00 x 60.00  | 2 | NO | \$743   |

**APPENDIX F**  
**TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE | EP CODE  | DESCRIPTION      | SIZE           | PLY | TUBE<br>(I) | COST<br>PER EACH |
|-----------|----------|------------------|----------------|-----|-------------|------------------|
|           | (AZZA14) | Conveyor Belting | 30.00 x 70.00  | 2   | NO          | \$867            |
|           | (AZZA15) | Conveyor Belting | 30.00 x 80.00  | 2   | NO          | \$991            |
|           | (AZZA16) | Conveyor Belting | 30.00 x 90.00  | 2   | NO          | \$1,115          |
|           | (AZZA17) | Conveyor Belting | 30.00 x 100.00 | 2   | NO          | \$1,239          |
|           | (AZZA18) | Conveyor Belting | 30.00 x 110.00 | 2   | NO          | \$1,362          |
|           | (AZZA19) | Conveyor Belting | 30.00 x 120.00 | 2   | NO          | \$1,487          |
|           | (AZZA20) | Conveyor Belting | 30.00 x 130.00 | 2   | NO          | \$1,611          |
|           | (AZZA21) | Conveyor Belting | 30.00 x 140.00 | 2   | NO          | \$1,734          |
|           | (AZZA22) | Conveyor Belting | 30.00 x 150.00 | 2   | NO          | \$1,858          |
|           | (AZZA23) | Conveyor Belting | 36.00 x 50.00  | 2   | NO          | \$753            |
|           | (AZZA24) | Conveyor Belting | 36.00 x 60.00  | 2   | NO          | \$904            |
|           | (AZZA25) | Conveyor Belting | 36.00 x 70.00  | 2   | NO          | \$1,054          |
|           | (AZZA26) | Conveyor Belting | 36.00 x 80.00  | 2   | NO          | \$1,206          |
|           | (AZZA27) | Conveyor Belting | 36.00 x 90.00  | 2   | NO          | \$1,356          |
|           | (AZZA28) | Conveyor Belting | 36.00 x 100.00 | 2   | NO          | \$1,506          |
|           | (AZZA29) | Conveyor Belting | 36.00 x 110.00 | 2   | NO          | \$1,657          |
|           | (AZZA30) | Conveyor Belting | 36.00 x 120.00 | 2   | NO          | \$1,807          |
|           | (AZZA31) | Conveyor Belting | 36.00 x 130.00 | 2   | NO          | \$1,958          |
|           | (AZZA32) | Conveyor Belting | 36.00 x 140.00 | 2   | NO          | \$2,109          |
|           | (AZZA33) | Conveyor Belting | 36.00 x 150.00 | 2   | NO          | \$2,260          |
|           | (AZZA34) | Conveyor Belting | 42.00 x 50.00  | 2   | NO          | \$879            |
|           | (AZZA35) | Conveyor Belting | 42.00 x 60.00  | 2   | NO          | \$1,054          |
|           | (AZZA36) | Conveyor Belting | 42.00 x 70.00  | 2   | NO          | \$1,230          |
|           | (AZZA37) | Conveyor Belting | 42.00 x 80.00  | 2   | NO          | \$1,406          |
|           | (AZZA38) | Conveyor Belting | 42.00 x 90.00  | 2   | NO          | \$1,582          |
|           | (AZZA39) | Conveyor Belting | 42.00 x 100.00 | 2   | NO          | \$1,758          |
|           | (AZZA40) | Conveyor Belting | 42.00 x 110.00 | 2   | NO          | \$1,933          |
|           | (AZZA41) | Conveyor Belting | 42.00 x 120.00 | 2   | NO          | \$2,109          |
|           | (AZZA42) | Conveyor Belting | 42.00 x 130.00 | 2   | NO          | \$2,284          |
|           | (AZZA43) | Conveyor Belting | 42.00 x 140.00 | 2   | NO          | \$2,461          |
|           | (AZZA44) | Conveyor Belting | 42.00 x 150.00 | 2   | NO          | \$2,636          |
|           | (AZZA45) | Conveyor Belting | 48.00 x 50.00  | 3   | NO          | \$1,243          |
|           | (AZZA46) | Conveyor Belting | 48.00 x 60.00  | 3   | NO          | \$1,493          |
|           | (AZZA47) | Conveyor Belting | 48.00 x 70.00  | 3   | NO          | \$1,741          |
|           | (AZZA48) | Conveyor Belting | 48.00 x 80.00  | 3   | NO          | \$1,990          |
|           | (AZZA49) | Conveyor Belting | 48.00 x 90.00  | 3   | NO          | \$2,239          |
|           | (AZZA50) | Conveyor Belting | 48.00 x 100.00 | 3   | NO          | \$2,487          |
|           | (AZZA51) | Conveyor Belting | 48.00 x 110.00 | 3   | NO          | \$2,735          |
|           | (AZZA52) | Conveyor Belting | 48.00 x 120.00 | 3   | NO          | \$2,985          |
|           | (AZZA53) | Conveyor Belting | 48.00 x 130.00 | 3   | NO          | \$3,233          |
|           | (AZZA54) | Conveyor Belting | 48.00 x 140.00 | 3   | NO          | \$3,482          |
|           | (AZZA55) | Conveyor Belting | 48.00 x 150.00 | 3   | NO          | \$3,730          |
|           | (AZZA56) | Conveyor Belting | 60.00 x 50.00  | 4   | NO          | \$2,390          |

**APPENDIX F  
 TIRE DESCRIPTION AND TIRE COST**

| TIRE TYPE | EP CODE  | DESCRIPTION      | SIZE           | PLY | TUBE<br>(1) | COST<br>PER EACH |
|-----------|----------|------------------|----------------|-----|-------------|------------------|
|           | (AZZA57) | Conveyor Belting | 60.00 x 60.00  | 4   | NO          | \$2,868          |
|           | (AZZA58) | Conveyor Belting | 60.00 x 70.00  | 4   | NO          | \$3,347          |
|           | (AZZA59) | Conveyor Belting | 60.00 x 80.00  | 4   | NO          | \$3,825          |
|           | (AZZA60) | Conveyor Belting | 60.00 x 90.00  | 4   | NO          | \$4,303          |
|           | (AZZA61) | Conveyor Belting | 60.00 x 100.00 | 4   | NO          | \$4,781          |
|           | (AZZA62) | Conveyor Belting | 60.00 x 110.00 | 4   | NO          | \$5,258          |
|           | (AZZA63) | Conveyor Belting | 60.00 x 120.00 | 4   | NO          | \$5,736          |
|           | (AZZA64) | Conveyor Belting | 60.00 x 130.00 | 4   | NO          | \$6,214          |
|           | (AZZA65) | Conveyor Belting | 60.00 x 140.00 | 4   | NO          | \$6,692          |
|           | (AZZA66) | Conveyor Belting | 60.00 x 150.00 | 4   | NO          | \$7,171          |

## APPENDIX G

### TIRE LIFE AND TIRE WEAR FACTORS

#### SECTION I. TIRE WEAR FACTORS

The tire wear factors used in this pamphlet are listed in APPENDIX D. The "useful life" of a new tire is the product of Condition Factors (CF) from Group A through Group E multiplied by the Wheel Position Factor (WPF), and for drive tires only, the Grade Factor (GF). These factors provide a percentage reduction to the maximum tire life. Section II, Maximum Tire Life, states tire life in hours. See Chapter 2 for tire methodology.

$$\begin{aligned} \text{Drive Tires: Useful Tire Life} &= (\text{CF} \times \text{WPF} \times \text{GF}) \\ \text{All Other Tires: Useful Tire Life} &= (\text{CF} \times \text{WPF}) \end{aligned}$$

#### EXAMPLE \*

\* Condition Factors, Wheel Position Factors, and Grade Factor are from GMC Terex Guide.

Factors are specifically for a rear dump wagon.

| <u>Condition Factors (CF):</u>  | <u>Average</u> | <u>Severe</u> |
|---|----------------|---------------|
| A Maintenance   | 1.00           | 1.00          |
| B Speeds  | 0.80           | 0.85          |
| C Curves  | 1.00           | 0.90          |
| D Surface Condition   | 0.90           | 0.70          |
| E Loads   | <u>0.90</u>    | <u>0.80</u>   |
| <b>CF</b> <i>Product of the factors</i><br><i>(A x B x C x D x E)</i> | <b>0.65</b>    | <b>0.43</b>   |
| <br><u>Wheel Position Factors (WPF):</u>                              |                |               |
| WPF-FT Front Tire (FT)  | 0.90           | 0.90          |
| WPF-DTR Drive Tire (DT) - Rear Dump                                   | 0.70           | 0.70          |
| WPF-TT Trailing Tire (TT)   | 1.00           | 1.00          |
| <br><u>Grade Factor (GF):</u>   |                |               |
| GF Grade Factor (Drive Tires Only)                                    | 0.85           | 0.75          |



## TIRE LIFE AND TIRE WEAR FACTORS

(continued next page)

### SECTION I. TIRE WEAR FACTORS (continued)

#### EXAMPLE: FINAL TIRE WEAR FACTORS FOR WAGON, REAR DUMP (See APPENDIX D, Category W15)

|   | <u>Average</u> | <u>Severe</u> |
|---|----------------|---------------|
| Front Tire - Average =<br>(CF = .65)(WPF-FT = .90)            | 0.59           |               |
| Front Tire - Severe =<br>(CF = .43)(WPF-FT = .90)             |                | 0.39          |
| Drive Tire - Average =<br>(CF = .65)(WPF-DTR = .70)(GF = .85) | 0.39           |               |
| Drive Tire - Severe =<br>(CF = .43)(WPF-DTR = .70)(GF = .75)  |                | 0.22          |
| Trailing Tire - Average =<br>(CF = .65) (WPF-TT = 1.00)       | 0.65           |               |
| Trailing Tire - Severe =<br>(CF = .43) (WPF-TT = 1.00)        |                | 0.43          |

### SECTION II. MAXIMUM TIRE LIFE

Maximum tire life is used in the formula to determine tire wear cost.

| <u>MAXIMUM TIRE LIFE</u>                    | <u>Hours</u> |
|---|--------------|
| Bias Ply Tires - Off highway E4, L4, and L5 | 5,000        |
| Bias Ply Tires - All other bias tires       | 5,000        |
| Radial Ply Tires - Off highway RL4          | 5,000        |
| Radial Ply Tires - All other radial tires   | 5,000        |
| Conveyor Belts                              | 5,000        |

## APPENDIX H MANUFACTURER LIST

---

**CODE MANUFACTURER**

---

|           |  |
|-----------|--|
| <b>AA</b> | - AMERICAN AUGERS, INC.                                  |
| <b>AB</b> | - ALLMAND BROTHERS, INC.                                 |
| <b>AC</b> | - ACE ENTERPRISES  |
| <b>AD</b> | - ACKER DIVISION, CHRISTENSEN-BOYLES                     |
| <b>AE</b> | - AEROIL PRODUCTS  |
| <b>AF</b> | - AIRPLACO   |
| <b>AG</b> | - ARROW-MASTER   |
| <b>AH</b> | - AUTO CRANE COMPANY                                     |
| <b>AI</b> | - AMIDA INDUSTRIES, INC.                                 |
| <b>AJ</b> | - ALLEN ENGINEERING CORPORATION                          |
| <b>AK</b> | - TYLER EQUIPMENT COMPANY                                |
| <b>AL</b> | - ALLENTOWN PUMP & GUN                                   |
| <b>AM</b> | - AMERICAN CRANE CORPORATION                             |
| <b>AN</b> | - ATLANTIC   |
| <b>AO</b> | - ALKOTA CLEANING SYSTEMS, INC.                          |
| <b>AP</b> | - MORROW EQUIPMENT COMPANY, PECCO                        |
| <b>AQ</b> | - AQUATICS UNLIMITED                                     |
| <b>AR</b> | - AMERICAN ROAD MACHINERY                                |
| <b>AS</b> | - ATLAS COPCO  |
| <b>AT</b> | - ANDERSON TUNNELING                                     |
| <b>AU</b> | - ALLIED CONSTRUCTION PRODUCTS                           |
| <b>AV</b> | - ALIVA  |
| <b>AX</b> | - AMERICAN COMPACTION EQUIPMENT, INC.                    |
| <b>AY</b> | - AVERY FILTER COMPANY                                   |
| <b>BA</b> | - BADGER DIVISION, BADGER CONSTRUCTION EQUIPMENT COMPANY |
| <b>BB</b> | - BASCO  |
| <b>BC</b> | - BOCK   |
| <b>BD</b> | - BRODERSON MANUFACTURING COMPANY                        |
| <b>BE</b> | - INGERSOL-RAND MATERIAL HANDLING                        |
| <b>BG</b> | - BARBER-GREENE COMPANY                                  |
| <b>BI</b> | - BOR-IT MANUFACTURING COMPANY, INC.                     |
| <b>BK</b> | - BLAW-KNOX CONSTRUCTION EQUIPMENT                       |

## APPENDIX H MANUFACTURER LIST

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**CODE MANUFACTURER**

---

BL - BLASTRAC DIVISION, WHEELABRATOR CORPORATION

---

BO - BOMAG DIVISION, COMPACTION AMERICA

---

BR - BROOKVILLE MINING

---

BS - BALDERSON, INC.

---

BU - BUSH HOG

---

CA - CATERPILLAR, INC.

---

CB - CONSOLIDATED BAILING MACHINE COMPANY, INC.

---

CC - CEMEN TECH

---

CD - CDS GROUP

---

CE - ATHEY HAULERS

---

CF - CGR COMPACTING

---

CG - CHEMGROUT INC.

---

CH - CHAMPION ROAD MACHINERY INTERNATIONAL

---

CI - CHIPMORE MANUFACTURING, INC.

---

CJ - COLD JET

---

CK - CHICAGO PNEUMATICS TOOL CO.

---

CL - CON-E-CO

---

CM - CLEMCO INDUSTRIES CORPORATION

---

CN - CT ENVIROMENTAL SYSTEMS

---

CO - COMPACTING TECHNOLOGIES INTERNATIONAL

---

CP - CRISAFULLI PUMP

---

CQ - CUSHION CUT

---

CR - CAMLEVER

---

CS - CASE CORPORATION

---

CT - CLEVELAND TRENCHER

---

CU - CUSCO INDUSTRIES

---

CW - BID-WELL DIVISION, CMI CORPORATION

---

CX - CMC (CONSTRUCTION MACHINERY COMPANY)

---

CY - CENTRIC

---

CZ - CLYDE IRON WORKS

---

DA - ELCO INTERNATIONAL, INC.

---

DD - DELTA DREDGE & PUMP CORPORATION

---

## APPENDIX H MANUFACTURER LIST

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**CODE MANUFACTURER**

---

|    |   |
|----|---|
| DE | - DEMOLITION TECHNOLOGIES                               |
| DF | - DURA FLOAT  |
| DJ | - CATERPILLAR (DJB)                                     |
| DL | - PILECO  |
| DO | - DOSCO CORPORATION                                     |
| DR | - DRESSER INDUSTRIES                                    |
| DS | - DREDGING SUPPLY COMPANY                               |
| DW | - DITCH WITCH   |
| DY | - DYNAPAC DIVISION, SVELDA INDUSTRIES                   |
| EA | - EAGER BEAVER  |
| EI | - EIMCO (EJC)   |
| EL | - ELLICOTT MACHINE CORPORATION                          |
| ES | - ESCO CORPORATION                                      |
| ET | - E.D. ETNYRE & COMPANY                                 |
| EU | - EUCLID INDUSTRIES                                     |
| EX | - EXCEL INDUSTRIES                                      |
| EZ | - E-Z DRILL, INC.                                       |
| FE | - FELKER  |
| FG | - FINN EQUIPMENT  |
| FH | - FRUEHAUF TRAILER CORPORATION                          |
| FI | - FIATALLIS   |
| FL | - FLETCHER MINING EQUIPMENT                             |
| FN | - NEW HOLLAND NORTH AMERICA                             |
| FO | - FORD MOTOR COMPANY                                    |
| FR | - FERGUSON  |
| FU | - FURUKAWA  |
| GA | - GRADALL COMPANY                                       |
| GB | - GAR-BRO MANUFACTURING COMPANY                         |
| GD | - GARDNER DENVER INDUSTRIAL MACHINES, COOPER INDUSTRIES |
| GE | - GENSCO AMERICA COMPANY, LTD.                          |
| GF | - GRIFFIN DEWATERING                                    |
| GI | - GALION DIVISION, KOMATSO DRESSER COMPANY              |

## APPENDIX H MANUFACTURER LIST

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**CODE MANUFACTURER**

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|    |  |
|----|--|
| GL | - GARLOCK EQUIPMENT COMPANY                              |
| GM | - GMC AND CHEVROLET                                      |
| GN | - GALION DUMP BODIES                                     |
| GO | - GOMACO CORPORATION                                     |
| GR | - GORMAN-RUPP COMPANY                                    |
| GV | - GROVE WORLDWIDE (Includes GROVE & MANLIFT)             |
| HA | - HAZCO  |
| HB | - HAWCO MANUFACTURING COMPANY                            |
| HD | - HYDRAULIC POWER SYSTEMS, INC.                          |
| HE | - HENDRIX MANUFACTURING COMPANY, INC.                    |
| HH | - H & H PUMP & DREDGE                                    |
| HI | - HITACHI CONSTRUCTION MACHINERY                         |
| HM | - H & M VIBRO, INC                                       |
| HN | - HINO DIESEL TRUCKS                                     |
| HO | - HOMELITE COMPANY, SUBSIDIARY OF DEERE & COMPANY        |
| HR | - HYDROCAL   |
| HU | - HYUNDA CONSTRUCTION EQUIPMENT                          |
| HW | - HEWITT-ROBINS  |
| HY | - HYSTER AMERICA (Lift Trucks)                           |
| IC | - INTERNATIONAL CONSTRUCTION EQUIPMENT                   |
| ID | - KOMATSU DRESSER COMPANY                                |
| IE | - IDEAL MANUFACTURING                                    |
| IG | - INGRAM MANUFACTURING COMPANY                           |
| IH | - NAVISTAR INTERNATIONAL CORP                            |
| IM | - INNOVATIVE MATERIAL SYSTEMS (IMS)                      |
| IN | - INGERSOLL-RAND CONSTRUCTION & MINING                   |
| IS | - INSLEY DIVISION, BADGER CONSTRUCTION EQUIPMENT COMPANY |
| IT | - NAVISTAR INTERNATIONAL CORPORATION                     |
| JC | - JCB  |
| JD | - DEERE & COMPANY  |
| JO | - C. S. JOHNSON COMPANY                                  |
| KA | - KAWASAKI LOADERS, INC.                                 |

## APPENDIX H MANUFACTURER LIST

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**CODE MANUFACTURER**

---

|           |   |
|-----------|---|
| <b>KB</b> | - KOLBERG MANUFACTURING COMPANY                         |
| <b>KC</b> | - KOBELCO AMERICA, INC.                                 |
| <b>KE</b> | - KENWORTH TRUCK COMPANY                                |
| <b>KF</b> | - KNAPHEIDE MANUFACTURING COMPANY                       |
| <b>KH</b> | - KOHLER COMPANY  |
| <b>KI</b> | - KLEIN PRODUCTS, INC.                                  |
| <b>KK</b> | - KEENE ENGINEERING COMPANY                             |
| <b>KL</b> | - KOLMAN  |
| <b>KM</b> | - KOMATSU DRESSER COMPANY                               |
| <b>KN</b> | - KENT DEMOLITION TOOLS                                 |
| <b>KO</b> | - KOEHRING CRANES, INC.                                 |
| <b>KR</b> | - KORI CORPORATION                                      |
| <b>KU</b> | - KUBOTA TRACTOR CORPORATION                            |
| <b>LA</b> | - LAYTON MANUFACTURING COMPANY                          |
| <b>LB</b> | - LINK BELT CONSTRUCTION COMPANY                        |
| <b>LC</b> | - LINCOLN ELECTRIC COMPANY                              |
| <b>LE</b> | - LELY CORPORATION                                      |
| <b>LG</b> | - LITTLE GIANT CRANE & SHOVEL                           |
| <b>LH</b> | - MORROW EQUIPMENT COMPANY                              |
| <b>LI</b> | - LINK BELT   |
| <b>LN</b> | - LONDON MACHINERY INC.                                 |
| <b>LO</b> | - LORAIN CRANES DIVISION, NORTHWEST ENGINEERING COMPANY |
| <b>LS</b> | - LAKE SHORE MINING EQUIPMENT                           |
| <b>LU</b> | - LABOUNTY  |
| <b>LY</b> | - CUSHION CUT DIVISION, BOART LONGYEAR                  |
| <b>MA</b> | - MANITOWOC ENGINEERING COMPANY                         |
| <b>MB</b> | - M-B COMPANIES, INC.                                   |
| <b>MC</b> | - VME NORTH AMERICA                                     |
| <b>MD</b> | - MDI/YUTANI  |
| <b>ME</b> | - MELROE COMPANY  |
| <b>MF</b> | - MF INDUSTRIAL   |
| <b>MG</b> | - MCMASTER  |

## APPENDIX H MANUFACTURER LIST

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**CODE MANUFACTURER**

---

MH - MITSUBISHI FUSO TRUCK OF AMERICA

---

MI - MITSUBISHI

---

MJ - MILLER SPREADER COMPANY

---

MK - MKT MANUFACTURING, INC.

---

ML - MARLOW PUMPS

---

MM - MACO-MEUDON

---

MN - MAC CORPORATION

---

MO - MORGEN MANUFACTURING COMPANY

---

MQ - MORBARK INDUSTRIES, INC.

---

MR - MOBILE DRILLING COMPANY, INC.

---

MT - MACK TRUCKS, INC.

---

MU - MULTIQUIP, INC.

---

MX - MAXON INDUSTRIES

---

MY - MIDLAND

---

MZ - MARINE INLAND FABRICATORS

---

NE - NEAL MANUFACTURING COMPANY, INC

---

NL - NLB CORPORATION

---

NO - NORTHWEST ENGINEERING COMPANY

---

NP - NPK CONSTRUCTION EQUIPMENT

---

OK - O & K

---

OL - OLYMPYK CHAIN SAWS

---

ON - ONAN CORPORATION

---

PA - PALFINGER, INC.

---

PB - PETTIBONE CRANES

---

PC - PATENT CONSTRUCTION SYSTEMS

---

PE - PETERBILT MOTORS COMPANY

---

PH - P & H

---

PI - PIQUA ENGINEERING

---

PL - PRO-LINE

---

PO - PROGRESSIVE DEVELOPMENT, INC.

---

PR - PERRIN, INC.

---

PW - POWERSCREEN

---

## APPENDIX H MANUFACTURER LIST

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**CODE MANUFACTURER**

---

|    |  |
|----|--|
| PZ | - PACIFIC RUBBER                       |
| RA | - READ CORPORATION                     |
| RC | - ROSS COMPANY                         |
| RD | - REEDDRILL CORPORATION                |
| RE | - REACH ALL                            |
| RI | - REYNOLDS INTERNATIONAL, L.P.         |
| RM | - ROME PLOW COMPANY                    |
| RN | - ALLIED SYSTEMS COMPANY               |
| RO | - LETOURNEAU / ROBBINS                 |
| RS | - ROSCO MANUFACTURING COMPANY          |
| SA | - SAUERMAN                             |
| SC | - SCHWING AMERICA, INC.                |
| SD | - SIOUX STEAM CLEANER CORPORATION      |
| SE | - SEALMASTER, INC.                     |
| SF | - SECO CORPORATION                     |
| SH | - SHREAD-TECH LIMITED                  |
| SI | - SAKAI AMERICA, INC.                  |
| SK | - LTV ENERGY PRODUCTS                  |
| SM | - SEAARK MARINE                        |
| SN | - STEPHENS MANUFACTURING COMPANY, INC. |
| SO | - SOUTHWEST ENGINEERING                |
| SP | - SPRAGUE AND HENWOOD                  |
| SR | - SULLAIR                              |
| SS | - SAMSUNG CONSTRUCTION EQUIPMENT       |
| ST | - STOW MANUFACTURING, INC.             |
| SU | - SULLIVAN INDUSTRIES, INC.            |
| SV | - SOMERO INDUSTRIES                    |
| SW | - SNORKEL                              |
| TA | - TAMPO MANUFACTURING COMPANY, INC.    |
| TD | - TADANO AMERICA CORPORATION           |
| TE | - TEREX CORPORATION                    |
| TK | - TAKEUCHI                             |



## APPENDIX H MANUFACTURER LIST

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**CODE MANUFACTURER**

---

TL - TELEDYNE SPECIALTY EQUIPMENT CM PRODUCTS

---

TM - TESMEC USA, INC.

---

TO - TORO

---

TR - O & K

---

TS - TELSMITH

---

TT - TRAIL KING

---

UE - UNDERGROUND EQUIPMENT & SUPPLY

---

UN - UNIT RIG

---

VA - VOEST- ALPINE

---

VE - VERMEER MANUFACTURING COMPANY

---

VI - VINCE HAGAN COMPANY

---

VO - VOLVO CONSTRUCTION EQUIPMENT

---

VS - VALLEY SLURRY SEAL CO.

---

VU - VULCAN IRON WORKS, INC.

---

WA - HAULPAK DIVISION, KOMATSU AMERICA INTERNATIONAL

---

WC - WACKER CORPORATION

---

WE - WEATHERFORD U.S., INC.

---

WG - ATLAS COPCO WAGNER

---

WI - WILLMAR EQUIPMENT CO.

---

WL - WALKER MANUFACTURING COMPANY, INC.

---

WN - WAIN-ROY, INC.

---

WR - WARNER FRUEHAUF TRAILER COMPANY, INC.

---

WS - WHITEMAN CONSPRAY, INC

---

WT - WIRTGEN AMERICAN, INC.

---

XX - NO SPECIFIC MANUFACTURER

---

ZZ - GENERIC EQUIPMENT

---

**APPENDIX I**  
**FEDERAL COST-OF-MONEY RATE**  
*(Renegotiation or Prompt Payment Rate)*

| <b>EFFECTIVE MONTHS</b> | <b>EFFECTIVE DATE</b> | <b>RATE</b> |
|-------------------------|-----------------------|-------------|
| JULY - DECEMBER         | 7/1/84                | 14.375%     |
| JANUARY - JUNE          | 1/1/85                | 12.125%     |
| JULY - DECEMBER         | 7/1/85                | 10.375%     |
| JANUARY - JUNE          | 1/1/86                | 9.750%      |
| JULY - DECEMBER         | 7/1/86                | 8.500%      |
| JANUARY - JUNE          | 1/1/87                | 7.625%      |
| JULY - DECEMBER         | 7/1/87                | 8.875%      |
| JANUARY - JUNE          | 1/1/88                | 9.375%      |
| JULY - DECEMBER         | 7/1/88                | 9.250%      |
| JANUARY - JUNE          | 1/1/89                | 9.750%      |
| JULY - DECEMBER         | 7/1/89                | 9.125%      |
| JANUARY - JUNE          | 1/1/90                | 8.500%      |
| JULY - DECEMBER         | 7/1/90                | 9.000%      |
| JANUARY - JUNE          | 1/1/91                | 8.375%      |
| JULY - DECEMBER         | 7/1/91                | 8.500%      |
| JANUARY - JUNE          | 1/1/92                | 6.875%      |
| JULY - DECEMBER         | 7/1/92                | 7.000%      |
| JANUARY - JUNE          | 1/1/93                | 6.500%      |
| JULY - DECEMBER         | 7/1/93                | 5.625%      |
| JANUARY - JUNE          | 1/1/94                | 5.500%      |
| JULY - DECEMBER         | 7/1/94                | 7.000%      |
| JANUARY - JUNE          | 1/1/95                | 8.125%      |
| JULY - DECEMBER         | 7/1/95                | 6.375%      |
| JANUARY - JUNE          | 1/1/96                | 5.875%      |
| JULY - DECEMBER         | 7/1/96                | 7.000%      |
| JANUARY - JUNE          | 1/1/97                | 6.375%      |
| JULY - DECEMBER         | 7/1/97                | 6.750%      |
| JANUARY - JUNE          | 1/1/98                | 6.250%      |
| JULY - DECEMBER         | 7/1/98                | 6.000%      |
| JANUARY - JUNE          | 1/1/99                | 5.000%      |
| JULY - DECEMBER         | 7/1/99                |             |
| JANUARY - JUNE          | 1/1/00                |             |

## APPENDIX J

### EQUIPMENT ACCESSORIES

---

| CAT . SUB | DESCRIPTION |
|-----------|-------------|
|-----------|-------------|

---

The following accessories (including features required for safety) have been included with the major equipment listed in this pamphlet when they are not included with the basic cost and are offered by the manufacturer.

|               |  |
|---------------|--|
| <b>C85.10</b> | <b>CRANES, DRAGLINE &amp; CLAMSHELL, CRAWLER MOUNTED</b> |
|---------------|--|

---

Power load lowering  
Independent swing and travel  
Third drum  
Torque converter (machines 1-1/2 CY or larger)  
Approximately one-half maximum boom length  
Counterweight (standard)  
Fire Extinguisher 5-B:C  
Swing and Reverse Signal (Backup) Alarm  
Boom angle indicator and a load indicating device  
Drum rotation indicators  
Anti-two block (upper limit) devices  
Manufacturers mandatory accessories

|               |   |
|---------------|---|
| <b>C85.20</b> | <b>CRANES, LIFTING, CRAWLER MOUNTED</b> |
|---------------|---|

---

Power load lowering  
Independent swing and travel  
Third drum  
Torque converter (machines 25 tons or larger)  
One-half maximum boom length (machines less than 60 tons)  
Maximum boom length at 360 degree rating (machines larger than 60 tons)  
Counterweight (standard)  
Fire Extinguisher 5-B:C  
Swing and Reverse Signal (Backup) Alarm  
Boom angle indicator and a load indicating device  
Drum rotation indicators  
Anti-two block (upper limit) devices  
Manufacturers mandatory accessories  
Hook block on machines larger than 100 tons

## EQUIPMENT ACCESSORIES

| CAT . SUB     | DESCRIPTION   |
|---------------|---|
| <b>C90.01</b> | <b>TRUCK CRANES - LESS THAN 25 TONS</b> <hr/> <p>Power load lowering<br/>Third drum<br/>Mechanical outriggers with screw jacks<br/>Maximum boom length at 360 degrees rating<br/>Counterweight (standard)<br/>Fire Extinguisher 5-B:C<br/>Swing and Reverse Signal (Backup) Alarm<br/>Boom angle indicator and a load indicating device<br/>Drum rotation indicators<br/>Anti-two block (upper limit) devices<br/>Manufacturers mandatory accessories</p> |
| <b>C90.02</b> | <b>TRUCK CRANE - 25 TONS &amp; LARGER</b> <hr/>   |
| <b>C90.03</b> |   |
| <b>C90.04</b> | <p>Power load lowering<br/>Third drum<br/>Hydraulic outriggers with screw jacks<br/>Torque converter when available (upper only)<br/>Maximum boom length at 360 degrees rating<br/>Counterweight (standard)<br/>Fire Extinguisher 5-B:C<br/>Reverse Signal (Backup) Alarm<br/>Boom angle indicator and a load indicating device<br/>Drum rotation indicators<br/>Anti-two block (upper limit) devices<br/>Hook block on machines larger than 100 tons</p> |
| <b>G15</b>    | <b>GRADER</b> <hr/> <p>Rollover Protective Structures (ROPS) with enclosed cab<br/>Ripper/Scarifier, rear mounted<br/>Front wheel lean<br/>Power circle<br/>Hydraulic shift and tilt moldboard<br/>End bits<br/>Standard work lights</p>  |

## EQUIPMENT ACCESSORIES

| CAT . SUB                | DESCRIPTION  |
|--------------------------|--|
| <b>G15</b>               | GRADER (continued) <hr/> Fire Extinguisher 5-B:C<br>Reverse Signal (Backup) Alarm  |
| <b>H25</b><br><b>H30</b> | EXCAVATORS, HYDRAULIC <hr/> Backhoe bucket (standard)<br>Backhoe stick (medium length)<br>Backhoe boom (one piece)<br>Backhoe bucket linkage (with cylinder)<br>Guards<br>Counterweight<br>Standard work lights<br>Reverse signal (Backup) alarm<br>Rollover Protective Structures (ROPS)<br>Fire Extinguisher 5-B:C |
| <b>H35</b>               | HYDRAULIC SHOVELS - CRAWLER MOUNTED <hr/> Torque converter (machines 1-1/2 CY or larger)<br>Counterweight<br>Reverse signal (Backup) alarm<br>Rollover Protective Structures (ROPS)<br>Fire Extinguisher 5-B:C   |
| <b>L30</b>               | LOADERS, BELT (CONVEYOR BELTS) <hr/> Power unit<br>Head pulley clutch and backstop<br>Belt cleaner and belt installing equipment<br>King pin attachments   |

## EQUIPMENT ACCESSORIES

| CAT . SUB         | DESCRIPTION  |
|-------------------|--|
| L35<br>L40        | LOADERS, 1-1/2 CY AND LARGER<br><hr/> Blower fan<br>Guard, power train<br>Automatic bucket positioner<br>Standard counterweight<br><u>Machines less than 7 CY:</u> General Purpose or Excavating bucket<br>with bolt on cutting edge and no teeth<br><u>Machines 7 CY or larger:</u> Rock bucket with bolt on cutting edge and<br>teeth<br>Standard work lights<br>Reverse signal (Backup) alarm<br>Rollover Protective Structures (ROPS)<br>Fire Extinguisher 5-B:C |
| S10<br>S15<br>S20 | SCRAPERS<br><hr/> Control single lever<br>Blower fan<br>Standard work light<br>Guards, power train<br>Reverse signal (Backup) alarm<br>Rollover Protective Structures (ROPS)<br>Fire Extinguisher 5-B:C<br>Supplemental steering   |
| T15               | TRACTOR, CRAWLER<br><hr/> Hydraulic controls for ripper and blade<br>Guards<br>Blower fan<br>Standard work lights<br>Hook, front pull<br>Track grousers (severe service for units over 200 hp)<br>Counterweights where required<br>Reverse Signal (Backup) Alarm<br>Rollover Protective Structures (ROPS)<br>Univeral Blade  |

## EQUIPMENT ACCESSORIES

| CAT . SUB  | DESCRIPTION  |
|------------|--|
| <b>T20</b> | <b>TRACTOR, WHEEL</b><br><hr/> <p>Hydraulic controls for ripper and blade<br/>Guards<br/>Blower fan<br/>Standard work lights<br/>Blade<br/>Fire Extinguisher 5-B:C<br/>Counterweights when required</p>  |
| <b>T25</b> | <b>TRACTOR, AGRICULTURAL</b><br><hr/> <p>Independent Power Take Off (PTO)<br/>Standard work lights<br/>Fire Extinguisher 5-B:C<br/>Counterweights when required<br/>3-Point hitch<br/>Rollover Protective Structures (ROPS)<br/>Hydraulic system with controls</p> |
| <b>T55</b> | <b>TRUCKS, OFF-HIGHWAY</b><br><hr/> <p>No spin differential<br/>Tacograph<br/>Engine and transmission guards<br/>Body liners</p>   |

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