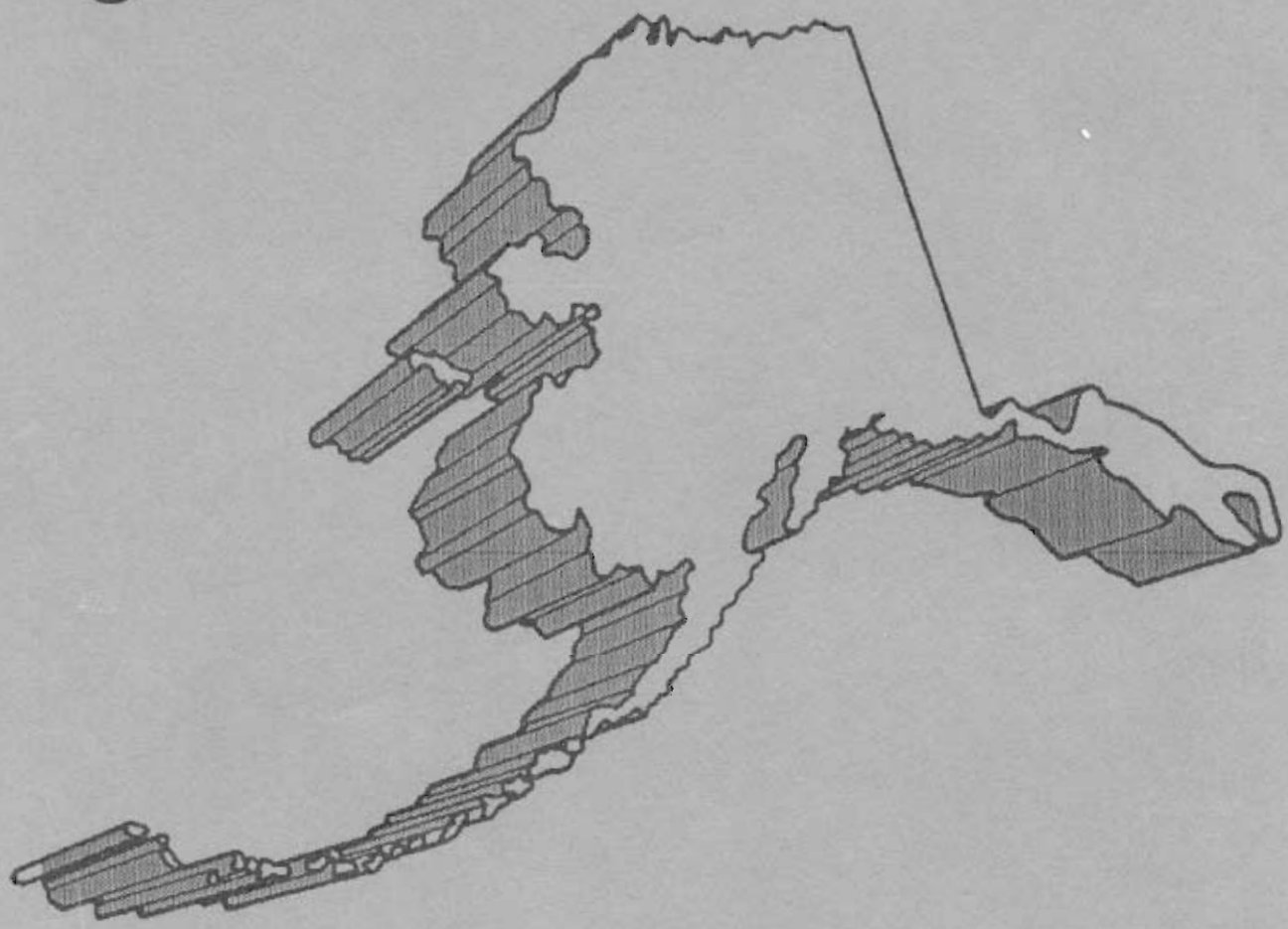
US Army Corps
of Engineers

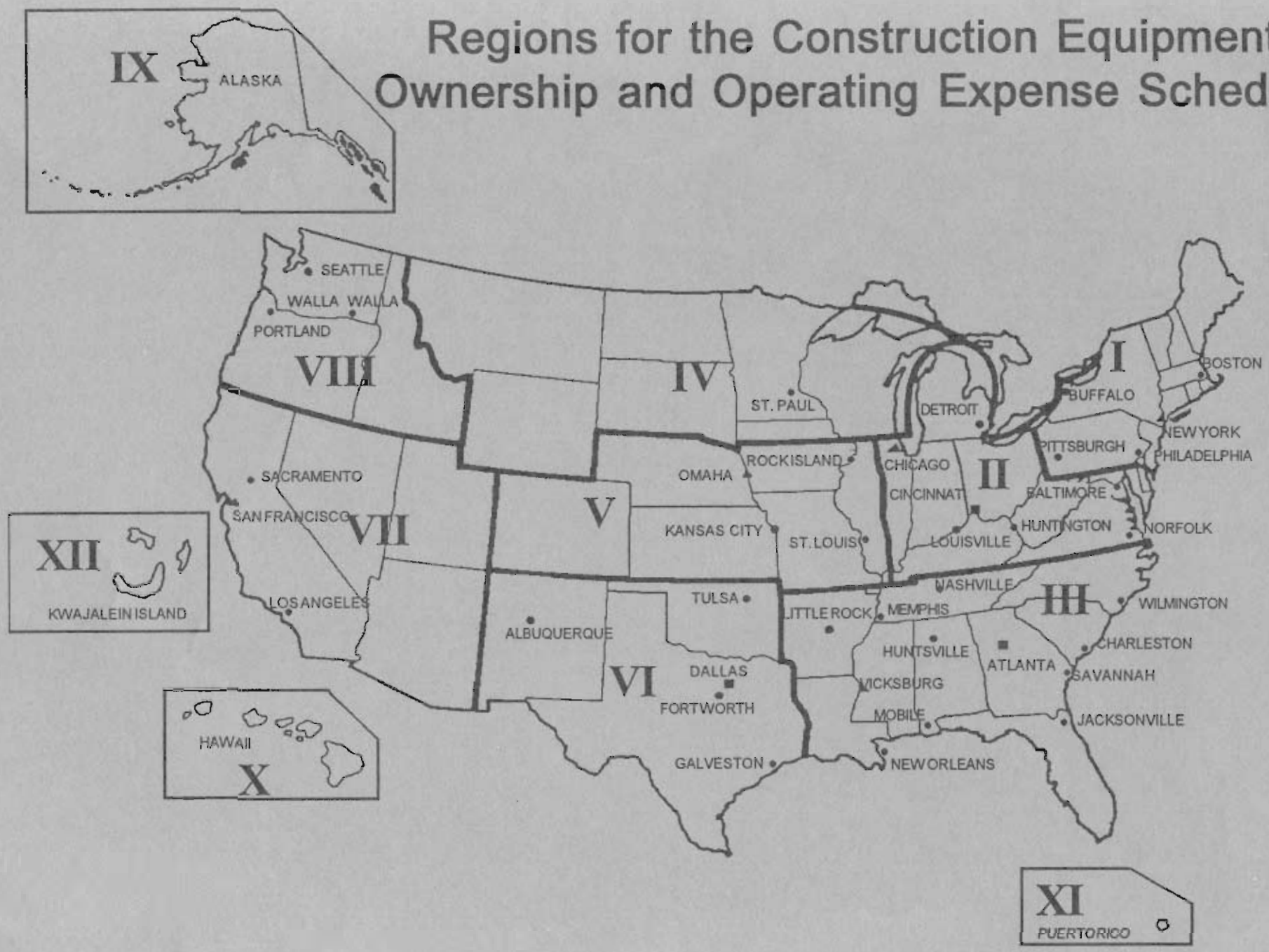
EP 1110-1-8
Volume 9
August 1995

Construction Equipment Ownership and Operating Expense Schedule

Region IX



Regions for the Construction Equipment Ownership and Operating Expense Schedule



DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
Washington, DC 20314-1000

CECW-EC
Pamphlet No. 1110-1-8

TABLE OF CONTENTS

CHAPTER 1
INTRODUCTION

1-1. Purpose 1-1
1-2. Applicability 1-1
1-3. References 1-1
1-4. Use 1-1
1-5. Assistance 1-1
1-6. How to Obtain This Publication 1-2

CHAPTER 2
METHODOLOGY FOR CONSTRUCTION EQUIPMENT

SECTION I. GENERAL 2-1
2-1. Contents 2-1
2-2. Basis for Equipment Rates 2-1
2-3. Total Hourly Rate 2-1

SECTION II. OPERATING CONDITIONS 2-2
2-4. Average, Difficult, or Severe Condition 2-2
2-5. Determination of Condition 2-2

SECTION III. EQUIPMENT SELECTION 2-2
2-6. General 2-2
2-7. Truck Selection 2-2
2-8. Crawler Tractor Selection 2-2
2-9. Equipment Accessories 2-3

SECTION IV. EQUIPMENT VALUE 2-3
2-10. List Price + Accessories 2-3
2-11. Discount Code 2-3
2-12. Sales or Import Tax 2-3
2-13. Freight 2-3
2-14. Total Equipment Value 2-3

SECTION V. LIFE 2-3
2-15. Economic Life 2-3
2-16. Working Hours Per Year 2-3

SECTION VI. SALVAGE VALUE 2-4
2-17. Salvage Value 2-4
2-18. Salvage Value Percentages 2-4

SECTION VII. OWNERSHIP COST 2-4
2-19. Ownership Elements 2-4
2-20. Depreciation 2-4
2-21. Facilities Capital Cost of Money 2-5
2-22. Other Ownership Elements 2-5

SECTION VIII. OPERATING COST 2-5
2-23. Operating Cost Elements 2-5
2-24. Fuel Cost 2-6
2-25. Filter, Oil, and Grease 2-7
2-26. Repair Cost 2-8
2-27. Tire Costs 2-9

SECTION IX. STANDBY HOURLY RATE 2-10
2-28. Standby Hourly Rates 2-10

SECTION IX. RATE CALCULATION EXAMPLE 2-10
2-29. Computation Example 2-10

TABLE 2-1 2-17
Hourly Equipment Ownership and Operating Expense

TABLE 2-2 2-175
Hourly Rate Elements

CHAPTER 3
ADJUSTMENTS TO HOURLY RATES

SECTION I. RATE ADJUSTMENTS 3-1
3-1. Contents 3-1
3-2. Use of Rate Adjustment Tables 3-1
3-3. Rate Adjustment Conditions 3-2
3-4. Rate Adjustment for Change in Conditions 3-2
3-5. Rate Adjustment to FCCM Rate if Cost-of-Money Rate is No Longer Current 3-2
3-6. Rate Adjustment if Actual Hour Work Exceeds 40 Hours per Week 3-2

SECTION I. RATE ADJUSTMENTS (continued)
3-7. Rate Adjustment if fuel cost change 3-3
3-8. Rate Adjustment for Age Other Than Listed in TABLE 2-1 3-3
3-9. Rate Adjustment for Overage Equipment 3-4
3-10. Rate Adjustment if a Standby Rate is Required 3-5
3-11. Rate Adjustment for a Unit of Equipment Not Listed in TABLE 2-1 3-5
3-12. Adjustments Not Included for Equipment Purchased Used 3-5

3-13. Rate Calculation Example 3-6

TABLE 3-1 3-7
Equipment Age Adjustment Factors for Ownership

TABLE 3-2 3-26
Equipment Age Adjustment Factors for Standby Cost

CHAPTER 4
METHODOLOGY FOR DREDGING PLANT

SECTION I. GENERAL ..... 4-1.
4-1. Contents 4-1
4-2. General 4-1

SECTION II. ANNUAL USE 4-1
4-3. Time Available to Dredge 4-1

SECTION III. LIFE 4-2
4-4. Life 4-2
4-5. Annual Hours Available 4-2

SECTION IV. SALVAGE VALUE 4-2
4-6. Salvage Value 4-2

SECTION V. OWNERSHIP COST 4-3
4-7. Ownership Cost 4-3
4-8. Depreciation 4-3
4-9. Facilities Capital Cost of Money 4-3
4-10. Other Ownership Elements 4-4

SECTION VI. OPERATING FACTORS 4-4
4-11. Hourly Operating Factors 4-4
4-12. Prime and Secondary Power 4-4
4-13. Water, Lube, and Supplies (WLS) 4-4
4-14. Repairs (RPR) 4-4

SECTION VII. STANDBY 4-5
4-15. Standby Rate 4-5

SECTION VIII. NEGOTIATED PROCUREMENT 4-5
4-16. Rates 4-5
4-17. Allowance for Additional Capital Improvements 4-5
4-18. Overage Plant 4-5
4-19. Dredge Plant Purchased Used 4-5

SECTION IX. RATE CALCULATION EXAMPLE 4-6
4-20. Rate Calculation Example 4-6

TABLE 4-1 4-7
Dredging Plant Expense Factors

APPENDIXES

APPENDIX A REFERENCES A-1

APPENDIX B AREA FACTORS B-1

APPENDIX C GUIDE FOR SELECTING OPERATING CONDITIONS C-1

APPENDIX D EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS D-1

APPENDIX E ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT E-1

APPENDIX F TIRE DESCRIPTION AND TIRE COST F-1

APPENDIX G TIRE LIFE AND TIRE WEAR FACTORS G-1

APPENDIX H MANUFACTURER LIST H-1

APPENDIX I FEDERAL COST-OF-MONEY RATE I-1

APPENDIX J EQUIPMENT ACCESSORIES J-1

INDEX Index-1

CHAPTER 1

INTRODUCTION

1-1. 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 for use in the development of rates associated with this type of equipment.

1-2. Applicability. This pamphlet applies to HQUSACE/OCE elements, major subordinate commands, districts, laboratories, and field operating activities. It is applicable to all solicitations and contracts for construction expected to exceed $25,000 when actual cost data for both ownership and operating costs cannot be determined. This volume is for use in Region I which includes the following states:

Alaska

1-3. References. See APPENDIX A, References.

1-4. Use. The use of this pamphlet for rate determination on construction contracts, dredging contracts, and negotiated procurements relates only to equipment which is contractor-owned.

a. This pamphlet shall be used for determining hourly equipment rates which 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 15.8 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 cost principles of the FAR.

1-5. Assistance. If assistance is required understanding the methodology or calculating equipment rates, contact the Chief, Cost Engineering Branch, CENPW-EN-CB, Corps of Engineers, Walla Walla District, phone (509) 527-7511 or (509) 527-7510. The district can also provide the computer software

program CHECKRATE (1993 version) for use in expediting construction and dredging equipment rate calculations. There is a nominal charge to non-government users for this software.

1-6. How to Obtain this Publication. Copies of Volumes 1 through 12 of this pamphlet are available through either the Superintendent of Documents or their government bookstores (see APPENDIX A). For additional information phone (202) 512-1800, FAX (202) 512-2250, or write to the following address:

Government Printing Office
P. O. Box 371954
Pittsburgh, PA 15250-7954

FOR THE COMMANDER:

10 Appendices
APP A thru J (see Table of Contents)

ROBERT H. GRIFFIN
Colonel, Corps of Engineers
Chief of Staff

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. Hourly rates as shown in TABLE 2-1, Hourly Equipment Ownership and Operating Expense, reflect equipment prices based on 1 July 1992 as the date of purchase. Area factors used to compute regional ownership and operating expenses 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 that 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. Total hourly rates for average conditions shown in TABLE 2-1 are computed on the basis of a 40-hour work week. This total rate is the sum of ownership cost and operating cost. 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:

(1) Fuel
(2) Filters, oil, and grease (FOG) (includes servicing)
(3) Repairs, which include maintenance and major overhauls
(4) Tire wear (replacement)
(5) Tire repair

c. Exclusions to Hourly Rates. Total hourly rates include all elements of cost for owning and operating equipment except the following:

(1) Operating labor
(2) Mobilization and demobilization
(3) Field office overhead expenses
(4) Home office or G&A overhead expenses

(5) Investment tax credit
(6) Contingency allowance
(7) Profit
(8) Other elements of cost as listed in **paragraph 2-19**

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

SECTION II. OPERATING CONDITIONS

2-4. Average, Difficult, or Severe Condition. 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. Difficult conditions are the arithmetic mean of average and 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 on the contract specifications, 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.

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, the tractors and attachments may be shown separately. Only the hourly expense for those attachments that are required to perform the work shall be allowed. It should be noted that some makes and models of crawler tractors include the blade attachment while others require all attachments to be added separately.

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. Equipment rates in TABLE 2-1 are based on three-year old equipment. The 1995 pamphlet uses costs based on the total catalog list price for equipment manufactured in 1992. 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 which 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 7.50 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. When developing equipment rates for contract modifications, use the actual equipment price if it is known.

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 have 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:

a. Weather
b. Employee holidays
c. Equipment maintenance and repairs

d. Mobilization and demobilization

e. 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 2-22). 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. Depreciation Calculation. 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). Tire and conveyor belt cost is considered to be an operating expense and is subtracted from the total equipment value before computing depreciation. If tire costs based on the date of equipment manufacture are not known, current tire values are modified using the TCI. The 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. The tire cost for rubber-tired equipment is based on tire values taken at the time the equipment was manufactured. Estimated values for tires and conveyor belting 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. 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

a. Facilities Capital Cost of Money (FCCM), as defined in FAR 15.903, FAR 31.205-10, and CAS 414, is included in the total hourly rates. This cost was computed by multiplying the January 1995 cost-of-money rate (8.125%) 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 6.50% to avoid duplication when applying estimated markups for overhead and profit. 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:

$$\text{FCCM/Hr} = \frac{(\text{TEV})\,(\text{AVF})\,(6.50\%)}{(\text{WHPY})}$$

where:

(1) AVF = Average value factor, or
AVF =[[(N-1) (1 + SLV)] + 2] / 2N

(2) N = Number of years in depreciation period, or
N = LIFE / WHPY

(3) 6.50% = Current cost-of-money rate (8.125%) / 1.25

2-22. Other Ownership Elements. The following elements of cost are allowable but would normally be included in the contractor's field office or home office overhead rate calculation.

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

b. Jobsite security, inspection fees, record-keeping, mechanic's training, and highway permits are also excluded from the total hourly rate for each unit of equipment.

SECTION VIII. OPERATING COST

2-23. 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.

2-24. 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:

Fuel Cost/Hr = Fuel Factor x Horsepower x 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 equipment, prime engine, and the carrier engine. 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:

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

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 the average percent of full rated horsepower being utilized by the engine. 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. The fuel consumption factors, which are shown in APPENDIX D under column headings Fuel Factor-Equipment and Fuel Factor-Carrier, are computed to include the HPF which is shown for information only.

(3) Lbs. Fuel (consumed) per bhp-hr is based on the following estimate:
gasoline = 0.62 lbs. per bhp-hr
diesel = 0.39 lbs. per bhp-hr

(4) 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 1 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:

Fuel Factor (kW/Hr) = HPF x 1 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.

2-25. 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:

(1) Base wages for servicing labor
(2) Fringe benefits and labor burden costs for servicing
(3) Service truck and fuel truck allowance
(4) Other equipment costs for servicing
(5) Filters, oil, and grease allowance
(6) Taxes and shipping for FOG supplies

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

Fog Cost / Hr = FOG Factor x Fuel Cost/Hr x LAF

where:

Fog Factor = These are percent allowances expressed as a decimal factors under each fuel type heading: E (electricity), G (gas), or D (diesel). See APPENDIX D.

Fuel Cost/Hr = Refer to paragraph 2-24.

LAF (Labor Adjustment Factor) = This 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. An hourly FOG allowance may need to be added under the following circumstances: (1) The unit of equipment has no engine (therefore no fuel costs), and (2) the equipment has parts that require a FOG allowance. This reasonable allowance is included in the FOG hourly rates where appropriate.

2-26. 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:

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

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

Repair Factor (RF) = Repair cost factor (RPR) x EAF x LAF

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

(1) The estimated repair cost factor (RPR) 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 equipment division 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 equipment division. If the actual age of the equipment is beyond the last year of its economic life (overage), refer to Chapter 3 for further 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 RPR and are expressed as decimal factors. These repair cost factors (for both the average and severe conditions) compensate for the following cost elements:

(1) Mechanic's 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 utilized 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.

2-27. 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:

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

where:

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

(2) Current tire cost. The estimated current tire cost 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. It has been estimated that a recap lasts approximately 80 percent of the life of a new tire. Therefore, total initial tire life factor is 1.80, which represents the purchase of the original tire plus 1 recap.

(4) Tire wear factor. 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. The maximum new tire life for various tire types is shown in APPENDIX G. It is expressed in hours in the above formula. The useful tire life is estimated 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:

Tire Repair Cost = Total Tire Wear Cost x .15 x LAF

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

SECTION IX. STANDBY HOURLY RATE

2-28. 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:

Standby Rate/Hr = (DEPR/Hr x .50) + FCCM/Hr

a. Paid standby shall not exceed 40 hours per week (7 calendar days) per unit of equipment.

b. Standby will not be allowed during periods when the equipment would have otherwise been in idle status. Actual operating hours during a week will be credited against the 40 hours maximum standby allowance.

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 manufactured. If the equipment is average, the adjustments identified in Chapter 3 shall be used.

SECTION X. RATE CALCULATION EXAMPLE

2-29. 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. When an hourly rate for a specific unit of equipment not included in this pamphlet must be computed, the methodology contained in Chapter 2 shall be followed. Software 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 worksheet to compute rates for equipment that is 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. C90LI002

a. Equipment Specification Data:

(1) Equipment Description: CRANE, MECHANICAL TRUCK MTD

(2) Model and Series: LINK BELT, 50 TON W/150' BOOM, MODEL HC 108D

(3) Present Year or Year of Use: 1995

(4) Year Manufactured or Purchased: 1992

(5) Horsepower - Equipment: 110

(6) Horsepower - Carrier: 318

(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): 1197 CWT

(9) Tire size and number of tires: (Total cost of tires based on present year - see 1.a.(3))

(a) Front:	No.: 4	Size/Ply: 1400-20/18	Cost:	$ 3536
(b) Drive:	No.: 8	Size/Ply: 1400-20/18	Cost:	$ 7072
(c) Trailing:	No.:	Size/Ply:	Cost:	$
(d) Total Tire Cost:				$ 10,608

USE APPENDIX D TO COMPLETE THE FOLLOWING DATA:

b. Category and Sub-category Number: C90 0.02

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 = .075

(4) Life in Hours (LIFE): 16,000

(5) Salvage Value Percentage (SLV): 0.15

(6) Fuel Factor - Equipment (E G D): 0.036

(7) Fuel Factor - Carrier (E G D): 0.006

(8) FOG Factor (E G D): 0.26

(9) Tire Wear Factor:

(a) Front (FT): 0.97

(b) Drive (DT): 0.78

(c) Trailing (TT):

(10) Repair Cost Factor (RPR): 0.70

Page 1 of 6

Figure 2-1. Equipment Rate Computation Worksheet

2. EQUIPMENT VALUE

a. List Price + Accessories: (*at Year of Manufacture*) = $ 639,655

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

(639,655) x (0.075) = -($ 47,974)

(2) Subtotal [2.a.] - [2.a.(1)] S/T = $ 591,681

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

(591,681) x (0) 0

(4) Total Discounted Price: Subtotal: [2.a.(2)] + [2.a.(3)] S/T = $ 591,681

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

(1197 CWT) x (13.27) = $ 15,884

c. TOTAL EQUIPMENT VALUE (TEV): [(2.a.(4)] + [(2.b)] **2. TOTAL: = $** 607,565

(Use actual cost if available.)
(See Chapter 3 for used and overage equipment hourly rate adjustments.)

3. DEPRECIATION PERIOD (N)

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

(16,000 Hrs) / (1150 Hrs/Yr) **3. TOTAL: =** 13.91 Yrs(N)

4. OWNERSHIP COST

a. Depreciation

(1) Tire Costs Index (**TCI**):

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

(2584) / (2550) = 1.013 (**TCI**)

Page 2 of 6

Figure 2-1. Equipment Rate Computation Worksheet

4. OWNERSHIP COST (Continued)

a. Depreciation (continued)

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

[(607,565) x [1.0 - (0.15)] - [(1.013) x (10,608)]] / (16,000)

= $ 31.61 /Hr

b. Facilities Capital Cost of Money (FCCM):

(1) [[(N [3.a.]) -1.0] x [1.0 + (SLV) [1.c.5.]] + 2.0] / [2.0 x (N [3.a.])] = Avg Value Factor **(AVF)**

[[(13.91 Yrs) - 1.0] x [1.0 +(0.15)] + 2.0] / [2.0 x (13.91 Yrs)] = 0.606 **(AVF)**

(2) (TEV [2.c.]) x (AVF [4.b.(1)]) x (Adjusted Cost-of-Money [APPENDIX B]) / (WHPY [APPENDIX B])

(607,565) x (0.606) x (0.0650) / (1150 Hrs/Yr)

= $ 20.82 /Hr

c. TOTAL HOURLY OWNERSHIP COST: [4.a.(2)] + [4.b.(2)] **4. TOTAL:** = $ 52.43 /Hr

5. OPERATING COST

a. Fuel Costs:

(1) Equipment:

(Fuel Factor [1.c.(6)]) x (Horsepower [1.a.(5)]) x (Fuel Cost Per Gallon [APPENDIX B])

(0.036) x (110 HP) x (0.80 /Gal) = $ 3.17 /Hr

(2) Carrier:

(Fuel Factor [1.c.(7)]) x (Horsepower [1.a.(6)]) x (Fuel Cost Per Gallon [APPENDIX B])

(0.006) x (318 HP) x (1.25 /Gal) = $ 2.39 /Hr

(3) Total Hourly Fuel Costs: [(5.a (1)] + [5.a (2)] Total 5.a. = $ 5.56 /Hr

Page 3 of 6

Figure 2-1. Equipment Rate Computation Worksheet

5. OPERATING COST (Continued)

b. FOG Cost:

(1) Equipment:

(FOG Factor) x (Equipment Fuel Cost) x (LAF)
[1.c.(8)] [5.a.(1)] [APPENDIX B]

(0.26) x (3.17 /Hr) x (1.18) = $ 0.97 /Hr

(2) Carrier:

(FOG Factor) x (Carrier Fuel Cost) x (LAF)
[1.c.(8)] [5.a.(2)] [APPENDIX B]

(0.26) x (2.39 /Hr) x (1.18) = $ 0.73 /Hr

(3) Total Hourly Fog Cost: Total 5.b. = $ 1.70 /Hr
[(5.b.(1)] + [5.b.(2)]

c. Repair Cost:

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

(Economic Index for Year 1a.(3)) / (Economic Index for Year 1a.(4))
[APPENDIX E] [APPENDIX E]

(4891) / (4599) = 1.063 (EAF)

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

(2) Repair Factor:

(RPR) x (EAF) x (LAF) = Repair Factor (**RF**)
[1.c.(10)] [5.c.(1).] [APPENDIX B]

(0.70) x (1.063) x (1.18) = 0.878 RF

(3) Repair Cost

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

[(607,565) - [(1.013) x (10,608)]] x (0.878) / (16,000)

(4) Total Hourly Repair Cost: Total 5.c. = $ 32.75 /Hr

Page 4 of 6

Figure 2-1. Equipment Rate Computation Worksheet

5. OPERATING COST (Continued)

d. Tire Wear Cost: *(Use current price levels)*

(1) Front Tires:

[1.5 x (FT Cost)] / [1.8 x (FT Wear Factor) x (Maximum Tire Life/Hrs)]
[1.a.(9)(a)] [1.c.(9)(a)] [APPENDIX G]

[1.5 x (3536)] / [1.8 x (0.97) x 5,000 /Hrs)]
= $ 0.61 /Hr

(2) Drive Tires:

[1.5 x (DT Cost)] / [1.8 x (DT Wear Factor) x (Maximum Tire Life/Hrs)]
[1.a.(9)(b)] [1.c.(9)(b)] [APPENDIX G]

[1.5 x (7072)] / [1.8 x (0.78) x (5,000 /Hrs)]
= $ 1.51 /Hr

(3) Trailing Tires:

[1.5 x (TT Cost)] / [1.8 x (TT Wear Factor) x (Maximum Tire Life/Hrs)]
[1.a.(9)(c)] [1.c.(9)(c)] [APPENDIX G]

[1.5 x (—)] / [1.8 x (—) x (— /Hrs)]

= $ N/A /Hr

(4) Total Tire Wear Cost: Total 5.d. = $ 2.12 /Hr
[Sum 5.d.(1) through 5.d.(3)]

e. Tire Repair Cost:

(Total Tire Wear) x 0.15 x (LAF)
[5.d.(4)] [APPENDIX B]

(2.12) x 0.15 x (1.18) Total 5.e. = $ 0.38 /Hr

f. TOTAL HOURLY OPERATING COST: **5. TOTAL:** $ 42.51 /Hr
[Sum 5.a. through 5.e.]

Page 5 of 6

Figure 2-1. Equipment Rate Computation Worksheet

6. HOURLY RATES

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

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

(52.43 /Hr) + (42.51 /Hr)

= $ 94.94 /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) [7.f.]

(— /Hr) + [(— / Hr x (40 Hrs/wk) / (— Hrs/wk)] + (— /Hr)

= $ — /Hr

c. Standby Hourly Rate:

[(Depreciation) x 0.50] + (FCCM)
[4.a.(2)] [4.b.(2)]

[(31.61 /Hr) x 0.50] + (20.82 /Hr)

= $ 36.63 /Hr

See Chapter 3 if rate adjustments are necessary.

Page 6 of 6

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 1992.

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 REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
A10	**AGGREGATE/CHIP SPREADERS**											
0.10	**SELF PROPELLED**											
		ETNYRE, E.D. & COMPANY										
A10ET001		10' HOPPER, 2WD, MECHANICAL, S/P	152 HP	D-off		$78,872	20.85	5.97	6.18	2.88	3.40	165
A10ET002		13' HOPPER, 2WD, MECHANICAL, S/P	190 HP	D-off		$80,860	22.37	6.12	6.34	2.95	4.26	170
A10ET003		10' HOPPER, 2WD, HYDROSTATIC, S/P	152 HP	D-off		$88,220	22.79	6.69	6.93	3.22	3.40	165
A10ET004		13' HOPPER, 2WD, HYDROSTATIC, S/P	190 HP	D-off		$90,918	24.47	6.90	7.15	3.32	4.26	170
		ROSCO										
A10RS001	SPR-H	CHIP SPREADER, 10' HOPPER	154 HP	D-off		$81,387	21.44	6.16	6.38	2.97	3.45	152
A10RS002	SPR-H	CHIP SPREADER, 13.5' HOPPER	155 HP	D-off		$82,869	21.77	6.28	6.50	3.03	3.47	152
0.20	**TOWED & TAILGATE**											
		AMERICAN ROAD MACHINERY										
A10AR001	TG-505C	TAILGATE SPREADER, 8' WIDE (ADD DUMP TRUCK)				$3,085	0.91	0.33	0.41	0.12	0.00	5
A10AR002	ODELL 900	TOWED SPREADER, 8' WIDE ASPHALT & AGG. SPREADING TO 8" (ADD DUMP TRUCK)				$7,885	2.31	0.83	1.05	0.30	0.00	22
A15	**AIR COMPRESSORS, PORTABLE**											
0.10	**ROTARY SCREW**											
		NO SPECIFIC MANUFACTURER										
A15XX001		100 CFM QUIET, 100 PSI (ADD HOSE)	50 HP	G		$13,957	8.66	1.05	1.03	0.53	4.22	20
A15XX002		100 CFM QUIET, 100 PSI (ADD HOSE)	35 HP	D-off		$16,781	4.75	1.25	1.24	0.63	1.01	26
A15XX003		125 CFM QUIET, 100 PSI (ADD HOSE)	65 HP	G		$17,070	11.03	1.27	1.26	0.64	5.49	24
A15XX004		125 CFM QUIET, 100 PSI (ADD HOSE)	51 HP	D-off		$18,167	5.66	1.36	1.34	0.69	1.47	26
A15XX005		175 CFM QUIET, 100 PSI (ADD HOSE)	70 HP	G		$18,628	11.93	1.39	1.38	0.70	5.91	26
A15XX006		175 CFM QUIET, 100 PSI (ADD HOSE)	65 HP	D-off		$21,109	6.78	1.58	1.56	0.80	1.87	28
A15XX007		185 CFM QUIET, 100 PSI (ADD HOSE)	70 HP	G		$19,236	12.06	1.44	1.42	0.73	5.91	27

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
A15			*NO SPECIFIC MANUFACTURER (continued)*										
	A15XX008		185 CFM QUIET, 100 PSI (ADD HOSE)	75 HP	D-off		$22,638	7.47	1.69	1.68	0.85	2.16	29
	A15XX009		250 CFM QUIET, 100 PSI (ADD HOSE)	95 HP	D-off		$31,699	10.08	2.38	2.35	1.20	2.74	35
	A15XX010		375 CFM QUIET, 100 PSI (ADD HOSE)	112 HP	D-off		$41,850	12.80	3.11	3.06	1.58	3.23	49
	A15XX011		450 CFM QUIET, 100 PSI (ADD HOSE)	150 HP	D-off		$59,604	17.86	4.45	4.40	2.25	4.32	89
	A15XX012		600 CFM QUIET, 100 PSI (ADD HOSE)	200 HP	D-off		$66,510	21.19	4.95	4.88	2.51	5.76	99
	A15XX013		750 CFM QUIET, 100 PSI (ADD HOSE)	240 HP	D-off		$77,053	24.86	5.75	5.67	2.91	6.91	128
	A15XX014		900 CFM QUIET, 100 PSI (ADD HOSE)	260 HP	D-off		$86,484	27.55	6.46	6.38	3.27	7.49	138
	A15XX015		1200 CFM QUIET, 100 PSI (ADD HOSE)	325 HP	D-off		$121,615	37.15	9.10	9.01	4.59	9.36	155
	A15XX016		1400 CFM QUIET, 100 PSI (ADD HOSE)	395 HP	D-off		$136,318	42.84	10.21	10.12	5.15	11.38	185
	A15XX017		1600 CFM QUIET, 100 PSI (ADD HOSE)	456 HP	D-off		$143,285	46.57	10.73	10.64	5.41	13.13	216
	0.20	**SHOP TYPE, ELECTRIC**											
			COLD JET										
	A15CJ001	65-100C	330 CFM,250 PSI,FOR CO2 BLASTER	175 HP	E		$27,716	22.07	1.93	1.85	1.00	11.38	44
	A15CJ002	65-200C	850 CFM,290 PSI,FOR CO2 BLASTER	350 HP	E		$62,084	45.25	4.31	4.14	2.24	22.75	77
A20	**AIR HOSE, TOOLS & EQUIPMENT**												
	0.10	**AIR HOSES**											
			NO SPECIFIC MANUFACTURER										
	A20XX001	HARDROCK	AIR HOSE, 3/4" DIAM., 100' LONG				$550	0.44	0.09	0.14	0.02	0.00	1
	A20XX002	HARDROCK	AIR HOSE, 1" DIAM., 100' LONG				$602	0.48	0.10	0.15	0.02	0.00	1
	A20XX003	HARDROCK	AIR HOSE, 1-1/4" DIAM., 100' LONG				$735	0.60	0.13	0.19	0.03	0.00	1
	A20XX004	HARDROCK	AIR HOSE, 1-1/2" DIAM., 100' LONG				$863	0.69	0.14	0.22	0.03	0.00	1
	A20XX005	HARDROCK	AIR HOSE, 2" DIAM., 100' LONG				$1,205	0.98	0.21	0.31	0.05	0.00	1
	A20XX006	HARDROCK	AIR HOSE, 2-1/2" DIAM., 100' LONG				$1,438	1.17	0.25	0.37	0.06	0.00	1
	A20XX007	HARDROCK	AIR HOSE, 3" DIAM., 100' LONG				$2,953	2.40	0.50	0.76	0.12	0.00	1
	A20XX008	HARDROCK	AIR HOSE, 4" DIAM., 100' LONG				$4,444	3.61	0.75	1.14	0.18	0.00	2
	A20XX009	YELLOW-LINE	AIR HOSE, 3/4" DIAM., 100' LONG				$184	0.15	0.04	0.05	0.01	0.00	1
	A20XX010	YELLOW-LINE	AIR HOSE, 1" DIAM., 100' LONG				$206	0.17	0.04	0.05	0.01	0.00	1
	A20XX011	YELLOW-LINE	AIR HOSE, 1-1/4" DIAM., 100' LONG				$478	0.39	0.08	0.12	0.02	0.00	1

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
A20			*NO SPECIFIC MANUFACTURER (continued)*									
	A20XX012	YELLOW-LINE	AIR HOSE, 1-1/2" DIAM., 100' LONG			$602	0.48	0.10	0.15	0.02	0.00	1
	A20XX013	YELLOW-LINE	AIR HOSE, 2" DIAM., 100' LONG			$706	0.57	0.12	0.18	0.03	0.00	1
	A20XX014	YELLOW-LINE	AIR HOSE, 2-1/2" DIAM., 100' LONG			$1,048	0.85	0.18	0.27	0.04	0.00	1
	A20XX015	YELLOW-LINE	AIR HOSE, 3" DIAM., 100' LONG			$1,360	1.10	0.23	0.35	0.05	0.00	1
	A20XX016	YELLOW-LINE	AIR HOSE, 4" DIAM., 100' LONG			$1,962	1.59	0.33	0.50	0.08	0.00	1
	0.20 BLAST HOSE											
			NO SPECIFIC MANUFACTURER									
	A20XX017		BLAST HOSE, 1/2"ID, 1-5/32"OD,100'L			$450	0.39	0.08	0.12	0.02	0.00	1
	A20XX018		BLAST HOSE, 3/4"ID, 1-1/2"OD,100'L			$608	0.52	0.10	0.16	0.02	0.00	1
	A20XX019		BLAST HOSE, 1"ID, 1-7/8"OD,100'L			$763	0.66	0.13	0.20	0.03	0.00	1
	A20XX020		BLAST HOSE,1-1/2"ID, 2-3/8"OD,100'L			$933	0.81	0.16	0.24	0.04	0.00	1
	0.30 SANDBLASTERS & BREAKERS											
			CLEMCO									
	A20CM001	SCW-1042P	SANDBLASTER, 100 LB CAP. WITH HOSE (1/2" X 25') & ACC (ADD COMPRESSOR)	101 CFM A		$1,729	1.26	0.25	0.35	0.07	0.00	3
	A20CM002	SCW-1440P	SANDBLASTER, 150 LB CAP. WITH HOSE (1" X 50') & ACC (ADD COMPRESSOR)	101 CFM A		$2,913	2.07	0.41	0.58	0.12	0.00	5
	A20CM003	SCWB-1648P	SANDBLASTER, 300 LB CAP. WITH HOSE (1" X 50') & ACC (ADD COMPRESSOR)	101 CFM A		$3,131	2.23	0.45	0.63	0.13	0.00	6
	A20CM004	SCWB-2452HP	SANDBLASTER, 600 LB CAP. WITH HOSE (1-1/4" X 50')& ACC(ADD COMPRESSOR)	216 CFM A		$3,388	2.48	0.48	0.68	0.14	0.00	7
	A20CM005	SCH-3079R	SANDBLASTER W/HOPPER, 1400 LB CAP. W/1-1/4"PIPE,50' RC HOSE (ADD COMP)	216 CFM A		$4,482	3.23	0.63	0.90	0.18	0.00	9
	A20CM006	60-H	SANDBLASTER, 3 TON CAP, 1-1/4" PIPE W/50' HOSE W/2 NOZ, TRLR (ADD COMP)	450 CFM A		$14,206	9.94	1.95	2.76	0.57	0.00	28
	A20CM007	120-H	SANDBLASTER, 6 TON CAP, 1-1/4" PIPE W/50' HOSE W/2 NOZ, TRLR (ADD COMP)	700 CFM A		$15,580	10.74	2.08	2.89	0.63	0.00	45
	A20CM008	160-H	SANDBLASTER, 8 TON CAP, 1-1/4" PIPE W/50' HOSE W/2 NOZ, TRLR (ADD COMP)	900 CFM A		$17,801	12.30	2.37	3.29	0.72	0.00	53
	A20CM009		STORAGE HOPPER, 700 CUBIC FT CAP 35-TON SAND BULK ABRASIVE STORAGE			$13,050	9.32	1.84	2.61	0.53	0.00	55

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		GARDNER DENVER INDUSTRIAL MACHINERY										
A20GD001	SP27E	SPADER, 35 LB, (ADD COMPRESSOR)	32 CFM	A		$844	0.64	0.12	0.17	0.03	0.00	1
A20GD002	S58D	SINKER DRILL, DRY GLAND (ADD COMP)	98 CFM	A		$1,979	1.48	0.28	0.40	0.08	0.00	1
A20GD003	S58W	SINKER DRILL, WET GLAND (ADD COMP)	98 CFM	A		$2,090	1.55	0.29	0.42	0.08	0.00	1
A20GD004	B67C	PAVING BREAKER, 66 LB (ADD COMP)	46 CFM	A		$1,020	0.76	0.14	0.20	0.04	0.00	1
A20GD005	B87C	PAVING BREAKER, 86 LB (ADD COMP)	50 CFM	A		$1,131	0.85	0.17	0.23	0.05	0.00	1
A20GD006	S83FM	FEED LEG DRILL,54" TRAVEL(ADD COMP) INCLUDES SWIVEL & POWER RETRACT LEG	103 CFM	A		$3,810	2.76	0.53	0.76	0.15	0.00	1
		MACO-MEUDON (France)										
A20MM001	MCH-4	CHIP HAMMER, 19 LB, ADD COMP	33 CFM	A		$556	0.38	0.08	0.11	0.02	0.00	0
A20MM002	MRD-30	ROCK DRILL, 34 LB, ADD COMP	48 CFM	A		$1,545	1.07	0.22	0.31	0.06	0.00	0
A20MM003	MRD-50	ROCK DRILL, 49 LB, ADD COMP	123 CFM	A		$1,869	1.29	0.27	0.37	0.08	0.00	0
A20MM004	MPB-35A	PAVING BREAKER, 39 LB, ADD COMP	49 CFM	A		$1,048	0.72	0.15	0.21	0.04	0.00	0
A20MM005	MPB-60A	PAVING BREAKER, 68 LB, ADD COMP	48 CFM	A		$1,200	0.83	0.17	0.24	0.05	0.00	1
A20MM006	MPB-90A	PAVING BREAKER, 90 LB, ADD COMP	62 CFM	A		$1,304	0.90	0.18	0.26	0.05	0.00	1
		WACKER										
A20WC001	LHB 5	BREAKER/DRILL, 12 LB (ADD COMP)	20 CFM	A		$1,284	1.00	0.18	0.26	0.05	0.00	1
A20WC002	EHB 10/110	BREAKER/DRILL, 40 LB (ADD GEN)	2 HP	E		$1,543	1.41	0.22	0.31	0.06	0.13	1
A20WC003	BHB 25	ROCK DRILL/BREAKER, 88 LB	4 HP	G		$3,941	3.20	0.56	0.79	0.16	0.34	1
A20WC004	BHF 30S	BREAKER/DRILL, 85 LB	4 HP	G		$4,191	3.37	0.59	0.84	0.17	0.34	1
A25	**ASPHALT DISTRIBUTORS**											
	0.00 ASPHALT DISTRIBUTORS											
		ROSCO										
A25RS001	RES	1,000 GALLON, FOR TRUCK MOUNTING (ADD 18,000 TO 24,000 GVW TRUCK)	50 HP	G		$43,156	17.34	3.77	4.32	1.61	4.22	69
A25RS002	RRH	1,000 GAL,HYDROSTATIC,FOR TRUCK MTD (ADD 18,000 TO 24,000 GVW TRUCK)				$37,518	11.52	3.28	3.75	1.40	0.00	64
A25RS003	RES	1,500 GALLON, FOR TRUCK MOUNTING (ADD 24,000 TO 32,000 GVW TRUCK)	50 HP	G		$36,584	15.58	3.19	3.66	1.36	4.22	73

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
A25			*ROSCO (continued)*										
	A25RS004	RRH	1,500 GAL,HYDROSTATIC,FOR TRUCK MTD (ADD 24,000 TO 32,000 GVW TRUCK)				$38,942	12.00	3.40	3.89	1.45	0.00	71
	A25RS005	RES	2,000 GALLON, FOR TRUCK MOUNTING (ADD 32,000 GVW TRUCK)	50 HP	G		$39,910	16.46	3.48	3.99	1.48	4.22	84
	A25RS006	RRH	2,000 GAL,HYDROSTATIC,FOR TRUCK MTD (ADD 32,000 GVW TRUCK)				$42,053	12.93	3.67	4.21	1.56	0.00	77
	A25RS007	RES	3,000 GALLON, FOR TRUCK MOUNTING (ADD 42,000 GVW TRUCK)	50 HP	G		$43,478	17.43	3.80	4.35	1.62	4.22	106
	A25RS008	RRH	3,500 GAL,HYDROSTATIC,FOR TRUCK MTD (ADD 42,000 GVW TRUCK)				$48,630	14.79	4.24	4.86	1.81	0.00	108
A30	**ASPHALT FINISHERS/PAVERS**												
	0.10 SELF PROPELLED												
			BARBER-GREENE COMPANY										
	A30BG001	BG-220B	8' STD PAVING WIDTH (PNEUMATIC) WITH 15'-6" SCREED EXT.	108 HP	D-off		$185,088	48.41	14.04	14.55	6.76	3.11	250
	A30BG002	BG240B	10' STD PAVING WIDTH (PNEUMATIC) WITH 19' SCREED EXT.	115 HP	D-off		$233,576	60.33	17.66	18.26	8.53	3.31	290
	A30BG003	BG260B	10' STD PAVING WIDTH (PNEUMATIC) WITH 19' SCREED EXT.	155 HP	D-off		$255,675	67.21	19.31	19.94	9.34	4.46	323
	A30BG004	BG225B	8' STD PAVING WIDTH (CRAWLER) WITH 15'-6" SCREED EXT.	108 HP	D-off		$223,844	57.57	17.13	17.91	8.17	3.11	275
	A30BG005	BG245B	10' STD PAVING WIDTH (CRAWLER) WITH 19'6" SCREED EXT.	155 HP	D-off		$262,842	68.68	20.12	21.03	9.60	4.46	318
	A30BG006	BG265B	10' STD PAVING WIDTH (CRAWLER) WITH 19'6" SCREED EXT.	200 HP	D-off		$283,897	75.43	21.73	22.71	10.37	5.76	369
			BLAW-KNOX CONSTRUCTION EQUIPMENT										
	A30BK003	PF-115	8' STD PAVING WIDTH (PNEUMATIC)	74 HP	D-off		$167,136	42.88	12.60	13.00	6.10	2.13	201
	A30BK005	PF-180H	10' STD PAVING WIDTH (PNEUMATIC)	118 HP	D-off		$247,265	63.78	18.69	19.32	9.03	3.40	290
	A30BK007	PF-400A	8' STD PAVING WIDTH (CRAWLER)	110 HP	D-off		$214,631	55.46	16.43	17.17	7.84	3.17	231
	A30BK008	PF-500	10' STD PAVING WIDTH (CRAWLER)	158 HP	D-off		$262,206	68.64	20.06	20.98	9.57	4.55	309
	A30BK009	PF-510	10' STD PAVING WIDTH (CRAWLER)	145 HP	D-off		$276,669	71.60	21.17	22.13	10.10	4.18	338

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		CATERPILLAR, INC.										
A30CA001	AP-200	9' STD PAVING WIDTH (CRAWLER)	35 HP	D-off		$44,273	11.91	3.39	3.54	1.62	1.01	96
A30CA002	AP-800B	10' STD PAVING WIDTH (PNEUMATIC)	102 HP	D-off		$186,753	48.68	14.08	14.52	6.82	2.94	235
A30CA004	AP-1050	10' STD PAVING WIDTH (PNEUMATIC)	145 HP	D-off		$264,866	69.05	20.01	20.68	9.67	4.18	328
		INGERSOLL-RAND										
A30IN001	ABG511	PAVER/FINISHER, HEAVY DUTY ADD SCREED (FOR RCC PAVING)	227 HP	D-off		$433,703	112.24	33.19	34.70	15.84	6.54	469
A30IN002	VB 81	3.0 - 8.0M SCREED, SINGLE TAMPER AND VIBRATION SYSTEM, HYDRAULICALLY EXTENDABLE WITH REQUIRED AUGERS, ADD PAVER				$125,812	31.52	9.62	10.06	4.59	0.00	52
A30IN003	MB 120	3.0 - 12.0M SCREED, DUAL TAMPER AND VIBRATION SYSTEM, ADD PAVER				$175,041	43.53	13.39	14.00	6.39	0.00	150
A30IN004	VDT 120	3.0 - 11.5M SCREED, DUAL TAMPER AND VIBRATION SYSTEM, ADD PAVER				$198,200	49.32	15.17	15.86	7.24	0.00	180
0.20	**TOWED**											
		LAYTON MANUFACTURING COMPANY										
A30LA001	F-525	STANDARD PAVING WIDTH 8 FEET	14 HP	G		$23,816	7.26	1.80	1.86	0.87	1.18	36
A30LA002	D-550	STANDARD PAVING WIDTH 8 FEET	14 HP	G		$31,962	9.01	2.43	2.51	1.17	1.18	40
A35	**ASPHALT KETTLES**											
0.00	**ASPHALT KETTLES**											
		AEROIL PRODUCTS										
A35AE001	KE-B-80KE	80 GALLON, BOTTOM FIRED, TRLR MTD				$3,704	2.23	0.38	0.47	0.14	0.00	9
A35AE002	KE-B-115KE	115 GALLON, BOTTOM FIRED, TRLR MTD				$4,070	2.61	0.42	0.52	0.16	0.00	11
A35AE003	KE-B-165KE	165 GALLON, BOTTOM FIRED, TRLR MTD				$4,806	2.94	0.49	0.61	0.18	0.00	12
A35AE004	KE-B-230KE	230 GALLON, BOTTOM FIRED, TRLR MTD				$6,150	3.60	0.64	0.79	0.24	0.00	16
A35AE005	KE-B-330KE	330 GALLON, BOTTOM FIRED, TRLR MTD				$7,541	4.48	0.76	0.93	0.29	0.00	20

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		ROSCO									
A35RS001	KB	110 GALLON, TRAILER MOUNTED			$5,081	2.90	0.52	0.66	0.19	0.00	13
A35RS002	KD	225 GALLON, TRAILER MOUNTED			$6,140	3.55	0.63	0.80	0.23	0.00	16
A40	**ASPHALT & CONC. MILLERS/PROFILERS/PLANERS**										
	0.00 ASPHALT & CONC. MILLERS/PROFILERS/PLANERS										
		CATERPILLAR, INC.									
A40CA001	PR-75	COLD PLANER, MAX CUT 14.5"W x6.0"D	77 HP D-off		$76,214	21.26	5.70	5.84	2.78	2.22	124
A40CA002	PR-105	COLD PLANER, MAX CUT 14.5"W x6.0"D	90 HP D-off		$128,288	34.14	9.73	10.09	4.68	2.59	173
A40CA004	PR-450C	COLD PLANER, MAX CUT 75.0"W x10"D	450 HP D-off		$366,322	104.69	28.04	29.31	13.38	12.96	510
A40CA005	PR-750B	COLD PLANER, MAX CUT 120.0"Wx10"D	750 HP D-off		$499,612	148.00	38.23	39.97	18.24	21.60	940
A40CA006	PR-1000C	COLD PLANER, MAX CUT 150.0"Wx10"D	1,000 HP D-off		$676,077	199.72	51.74	54.09	24.69	28.80	1,010
		INGERSOLL-RAND									
A40IN001	MW-175	MILLER,20"W, MAX DEPTH 6.0"	122 HP D-off		$115,016	32.17	8.75	9.10	4.20	3.51	213
A40IN002	MW-250	MILLER,30"W, MAX DEPTH 6.0"	122 HP D-off		$120,484	33.48	9.17	9.54	4.40	3.51	215
A40IN003	MW-250C	MILLER,30"W, MAX DEPTH 6.0",W/CONVY	140 HP D-off		$148,008	40.73	11.27	11.74	5.40	4.03	314
A40IN004	MW-6520HC	MILLER,78"W, MAX DEPTH 6.0",W/CONVY	400 HP D-off		$288,261	84.19	22.01	22.96	10.53	11.52	427
A40IN005	MT-6520	MILLER,78"W, MAX 6"DEPTH,W/CONV,CWL	400 HP D-off		$335,014	95.30	25.63	26.80	12.23	11.52	615
A40IN006	MT-7000	MILLER,78"W,MAX 10"DEPTH,W/CONV,CWL	525 HP D-off		$426,316	121.90	32.63	34.11	15.57	15.12	720
A45	**ASPHALT RECYCLERS & SEALERS**										
	0.00 ASPHALT RECYCLERS & SEALERS										
		AEROIL PRODUCTS									
A45AE001	HE-PR-52V	RESURFACER-PATCHER, 600,000 BTU INFRA-RED HEATER, TRAILER MOUNTED			$8,001	3.70	0.69	0.78	0.30	0.00	11
A45AE002	HE-PR-96V	RESURFACER-PATCHER, 1,200,000 BTU INFRA-RED HEATER, TRAILER MOUNTED			$14,909	6.59	1.29	1.47	0.55	0.00	16
A45AE003	HE-PR-120V	RESURFACER-PATCHER, 1,420,000 BTU INFRA-RED HEATER, TRAILER MOUNTED			$17,506	7.81	1.52	1.73	0.65	0.00	18

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		SEALMASTER										
A45SE001	50	SEALCOATER, 50" WIDE, 238 GALLON STANDARD SPRAY	18 HP	G		$11,469	6.25	1.00	1.13	0.43	1.52	21
A45SE002	12A	SEALCOATER, 50" WIDE, 200 GALLON DUAL SPRAY, SQUEEGEE	20 HP	G		$15,606	7.88	1.36	1.55	0.58	1.69	27
A45SE003	72	SEALCOATER, 72" WIDE, 300 GALLON DUAL SPRAY, SQUEEGEE	30 HP	G		$22,472	11.70	1.93	2.17	0.84	2.53	35
A45SE004	TR-1000	TANK TRAILER, 1000 GALLON CAPACITY				$18,027	5.43	1.52	1.70	0.67	0.00	57
B10	**BATCH PLANTS, ASPHALT & CONCRETE**											
0.20	**CONCRETE**											
		CEMEN TECH										
B10CC001	SCD2-50H	STATIONARY CONCRETE DISPENSER, 30 CF CEMENT BIN, 2 CY AGGREGATE BIN, 15 CY/HOUR MAX. OUTPUT	10 HP	E		$28,164	9.82	2.19	2.39	0.99	0.65	110
B10CC002	SCD4.5-50H	STATIONARY CONCRETE DISPENSER, 50 CF CEMENT BIN, 4-1/2 CY AGGREGATE BIN, 15 CY/HOUR MAX. OUTPUT	15 HP	E		$36,646	12.88	2.85	3.11	1.29	0.98	180
B10CC003	SCD4.5-100H	STATIONARY CONCRETE DISPENSER, 50 CF CEMENT BIN, 4-1/2 CY AGGREGATE BIN, 30 CY/HOUR MAX. OUTPUT	25 HP	E		$45,956	17.15	3.58	3.91	1.62	1.63	190
B10CC004	SCD8-100H	STATIONARY CONCRETE DISPENSER, 80 CF CEMENT BIN, 8 CY AGGREGATE BIN, 30 CY/HOUR MAX. OUTPUT	30 HP	E		$54,919	20.31	4.28	4.67	1.94	1.95	290
B10CC005	SCD8-150H	STATIONARY CONCRETE DISPENSER, 80 CF CEMENT BIN, 8 CY AGGREGATE BIN, 60 CY/HOUR MAX. OUTPUT	50 HP	E		$57,659	23.46	4.48	4.90	2.03	3.25	300
B10CC006	SCD12-200E	STATIONARY CONCRETE DISPENSER, 300 BARREL BULK CEMENT SILO FEEDING 50 CF CEMENT HOPPER, 12 CY AGGREGATE BIN, 500 GALLON WATER SYSTEM, 120 CY/HOUR MAX. OUTPUT	40 HP	E		$129,408	40.35	10.06	11.00	4.56	2.60	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	18 HP	G		$37,359	14.16	2.88	3.12	1.32	1.52	80

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B10			*CEMEN TECH (continued)*										
	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		$73,938	40.68	5.61	5.99	2.61	13.76	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		$100,758	51.92	7.59	8.07	3.55	16.88	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		$108,062	53.94	8.15	8.69	3.81	16.88	204
	B10CC011	HS-240	HORIZONTAL BULK CEMENT SILO, 240 BARREL/38 TON CAPACITY	20 HP	E		$21,403	8.18	1.66	1.82	0.75	1.30	45
	B10CC012		210 (840 CF) BARREL BULK STORAGE CEMENT SILO	18 HP	G		$14,972	6.47	1.17	1.27	0.53	1.52	35
	B10CC013		300 (1200 CF) BARREL BULK STORAGE CEMENT SILO	18 HP	G		$19,394	7.59	1.51	1.65	0.68	1.52	48
	B10CC014		CEMENT BAG LOADING AUGER, 6 IN. DIA., 19 FT. LONG, ADJUSTABLE TO DISCHARGE OF 13-1/2 FT.	5 HP	E		$6,551	2.60	0.51	0.56	0.23	0.33	10
			CON-E-CO										
	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		$119,821	39.04	9.23	9.99	4.23	3.90	400
	B10CL002	LO-PRO 12	CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 50 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 215 BARRELS MAX./179 MIN. CAPACITY OF 240 CY/HR	60 HP	E		$126,313	41.12	9.73	10.54	4.46	3.90	425
	B10CL003	LO-PRO 5	CONCRETE BATCHING PLANT WITH 5 CY AGGREGATE BATCHER, 26 CY AGGREGATE BIN, 5 CY CEMENT BATCHER, 205 BARRELS MAX./170 MIN. CAPACITY OF 100 CY/HR	45 HP	E		$111,422	35.01	8.62	9.37	3.93	2.93	380
	B10CL004	LO-PRO 10 HP	CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 35 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 215 BARRELS MAX./179 MIN. CAPACITY OF 200 CY/HR	80 HP	E		$156,950	50.04	12.12	13.15	5.54	5.20	400

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B10			*CON-E-CO (continued)*										
	B10CL005	LO-PRO 10T-CM	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	120 HP	E		$169,996	57.67	13.13	14.25	6.00	7.80	400
	B10CL006	LO-PRO 12T-CM	CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 35 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 215 BARRELS MAX./179 MIN. CAPACITY OF 330 CY/HR	120 HP	E		$176,788	59.32	13.66	14.83	6.24	7.80	425
	B10CL007	LO-PRO 10CM	CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 35 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 215 BARRELS MAX./179 MIN. CAPACITY OF 300 CY/HR	295 HP	E		$185,048	79.24	14.30	15.53	6.53	19.18	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		$206,569	89.94	15.97	17.36	7.29	22.43	500
	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		$107,045	32.95	8.28	8.99	3.78	2.60	425
	B10CL011	MODULR 12	CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 84 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 400 BARRELS MAX./333 MIN. CAPACITY OF 200 CY/HR	45 HP	E		$150,876	44.57	11.73	12.82	5.32	2.93	500
	B10CL012	MODULR 12 HP	CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 84 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 400 BARRELS MAX./333 MIN. CAPACITY OF 275 CY/HR	60 HP	E		$159,107	48.54	12.37	13.52	5.61	3.90	525
	B10CL013	MODULR 12 HPC	CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 84 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 400 BARRELS MAX./333 MIN. CAPACITY OF 275 CY/HR	260 HP	E		$182,187	75.05	14.18	15.49	6.43	16.90	525
	B10CL014	MODULR 12 SUP	CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 84 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 400 BARRELS MAX./333 MIN. CAPACITY OF 575 CY/HR	330 HP	E		$205,894	88.26	16.01	17.50	7.26	21.45	575
	B10CL015	PLP MODEL 12	PORTABLE LOW PROFILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 60 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 405 BARRELS THEORETICAL CAPACITY OF 200 CY/HR	30 HP	E		$96,793	28.96	7.53	8.23	3.41	1.95	380

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B10			*CON-E-CO (continued)*										
	B10CL016	PLP MODEL 10 C	PORTABLE LOW PROFILE CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 60 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 405 BARRELS THEORETICAL CAPACITY OF 300 CY/HR	40 HP	E		$153,564	44.22	11.95	13.05	5.42	2.60	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, 405 BARRELS THEORETICAL CAPACITY OF 360 CY/HR	40 HP	E		$159,106	45.55	12.37	13.52	5.61	2.60	380
	B10CL018	PLP SUPER 10	PORTABLE LOW PROFILE CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE BATCHER, 60 CY AGGREGATE BIN, 10 CY CEMENT BATCHER, 405 BARRELS THEORETICAL CAPACITY OF 480 CY/HR	75 HP	E		$185,527	55.95	14.43	15.77	6.54	4.88	380
	B10CL019	PLP SUPER 12	PORTABLE LOW PROFILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 60 CY AGGREGATE BIN, 12 CY CEMENT BATCHER, 405 BARRELS THEORETICAL CAPACITY OF 575 CY/HR	300 HP	E		$192,521	81.53	14.97	16.36	6.79	19.50	500
	B10CL020	SLP MODEL 12	STATIONARY LOW PROFILE CONCRETE BATCHING PLANT WITH 12 CY AGGREGATE BATCHER, 48 CY AGGREGATE BIN. 12 CY CEMENT BATCHER, 270 BARRELS THEORETICAL CAPACITY OF 200 CY/HR	40 HP	E		$107,408	33.03	8.36	9.13	3.79	2.60	380
	B10CL021	VERSA-PLANT 10	10 CY CAPACITY PORTABLE CONCRETE BATCHING PLANT, WITH STANDARD ACCESSORIES	35 HP	E		$49,319	17.96	3.80	4.11	1.74	2.28	190
	B10CL024	MTM 12	STATIONARY 12 CY TILT MIXER , 11 FT. 8 IN. DIA. WITH 12 MIXING BLADES	200 HP	E		$157,555	61.60	12.26	13.39	5.56	13.00	90
	B10CL025	MTM 12	TRAILER MOUNTED 12 CY TILT MIXER, 11 FT. 8 IN. DIA. WITH REMOVABLE AXLES	200 HP	E		$176,235	66.14	13.67	14.89	6.22	13.00	130
	B10CL026		1080 CF (270 BARREL MAX./225 MIN.) CEMENT STORAGE SILO WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE				$16,094	3.91	1.26	1.37	0.57	0.00	100
	B10CL027		1560 CF (390 BARREL MAX./325 MIN.) CEMENT STORAGE SILO WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE				$19,032	4.62	1.48	1.62	0.67	0.00	144
	B10CL028		2040 CF (510 BARREL MAX./425 MIN.) CEMENT STORAGE SILO WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE				$22,548	5.48	1.76	1.92	0.80	0.00	189

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B10			*CON-E-CO (continued)*										
	B10CL029		2400 CF (600 BARREL MAX./500 MIN.) CEMENT STORAGE SILO WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE				$26,431	6.41	2.06	2.25	0.93	0.00	222
	B10CL030		3000 CF (750 BARREL MAX./625 MIN.) CEMENT STORAGE SILO WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE				$34,779	8.44	2.71	2.96	1.23	0.00	278
	B10CL031		4000 CF (1000 BARREL MAX./833 MIN.) CEMENT STORAGE SILO WITH DRIVE-THROUGH TYPE UNDERSTRUCTURE				$49,372	11.97	3.84	4.20	1.74	0.00	370
	B10CL032		12 IN. DIA. SCREW CONVEYOR, 10 FT. LONG FOR CEMENT	10 HP	E		$3,540	2.35	0.27	0.30	0.12	0.65	10
	B10CL033		12 IN. DIA. SCREW CONVEYOR, 15 FT. LONG FOR CEMENT	15 HP	E		$4,382	3.16	0.34	0.37	0.15	0.98	15
	B10CL034		12 IN. DIA. SCREW CONVEYOR, 20 FT. LONG FOR CEMENT	20 HP	E		$4,773	3.85	0.38	0.41	0.17	1.30	20
	B10CL035		12 IN. DIA. SCREW CONVEYOR, 25 FT. LONG FOR CEMENT	25 HP	E		$7,022	5.01	0.55	0.60	0.25	1.63	25
	B10CL036		9 IN. DIA. SCREW CONVEYOR, 10 FT. LONG FOR CEMENT	8 HP	E		$2,961	1.91	0.23	0.25	0.10	0.52	9
	B10CL038		9 IN. DIA. SCREW CONVEYOR, 15 FT. LONG FOR CEMENT	15 HP	E		$3,697	2.94	0.29	0.31	0.13	0.98	12
	B10CL040		9 IN. DIA. SCREW CONVEYOR, 20 FT. LONG FOR CEMENT	20 HP	E		$4,160	3.65	0.33	0.35	0.15	1.30	16
	B10CL041		9 IN. DIA. SCREW CONVEYOR, 25 FT. LONG FOR CEMENT	20 HP	E		$4,745	3.84	0.37	0.40	0.17	1.30	19
	B10CL042		6 IN. DIA. SCREW CONVEYOR, 10 FT. LONG FOR CEMENT	5 HP	E		$2,648	1.50	0.21	0.23	0.09	0.33	5
	B10CL043		6 IN. DIA. SCREW CONVEYOR, 15 FT. LONG FOR CEMENT	8 HP	E		$3,233	2.03	0.25	0.27	0.11	0.52	8
	B10CL045		6 IN. DIA. SCREW CONVEYOR, 20 FT. LONG FOR CEMENT	10 HP	E		$3,669	2.44	0.29	0.31	0.13	0.65	11
	B10CL046		6 IN. DIA. SCREW CONVEYOR, 25 FT. LONG FOR CEMENT	10 HP	E		$4,076	2.59	0.32	0.35	0.14	0.65	13
			IDEAL MANUFACTURING										
	B10IE001	FAST-WAY BATC	6 CY BATCH PLANT, NO CEMENT SILO OR AGGREGATE STORAGE BIN, CHARGING BY FRONT-END LOADER	3 HP	E		$32,286	9.65	2.49	2.69	1.14	0.20	64

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B10			***IDEAL MANUFACTURING (continued)***										
	B10IE002	FAST-WAY CEME	1155 CF (275 BARREL) CEMENT STORAGE SILO WITH SELF-ERECTING HYDRAULIC SYSTEM	5 HP	E		$40,355	11.79	3.14	3.43	1.42	0.33	136
	B10IE003	FAST-WAY CEME	6 IN. DIAMETER SCREW CONVEYOR, 18 FT. 11 IN. LONG, USED FOR BAGGED CEMENT	3 HP	E		$4,570	1.92	0.36	0.39	0.16	0.20	10
			ROSS COMPANY										
	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		$106,045	35.85	8.12	8.76	3.74	3.41	480
	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		$102,711	30.06	7.86	8.47	3.62	1.63	470
	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		$132,459	42.77	10.12	10.90	4.67	3.58	600
	B10RC004	110 RUSTLER	MOBILE CONCRETE BATCHING PLANT WITH 5 CY AGGREGATE WEIGH BATCHER, 36.5 TON/27 CY AGGREGATE BIN, 5 CY CEMENT WEIGH BATCHER, 225 BARRELS 110 CY/HOUR OUTPUT	30 HP	E		$99,779	30.34	7.64	8.24	3.52	1.95	325
	B10RC005	160 RUSTLER	MOBILE CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE WEIGH BATCHER, 60.75 TON/45 CY AGGREGATE BIN, 10 CY CEMENT WEIGH BATCHER, 300 CEMENT SILO, 160 CY/HOUR OUTPUT	43 HP	E		$130,936	41.24	10.00	10.75	4.62	2.80	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		$112,634	36.53	8.57	9.19	3.97	2.96	489

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B10			***ROSS COMPANY (continued)***										
	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	23 HP	E		$94,313	27.77	7.21	7.76	3.33	1.46	420
	B10RC008	BTR BANDIT	MOBILE CONCRETE BATCHING PLANT W/12 CY AGGR. 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		$99,989	29.15	7.65	8.24	3.53	1.46	250
	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		$97,704	30.47	7.48	8.06	3.45	2.37	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		$107,728	32.90	8.25	8.91	3.80	2.37	360
	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		$113,830	37.08	8.66	9.30	4.01	3.12	400
	B10RC012	XHPT-12	MODULAR BATCH PLANT, 4 AGGREGATE COMPARTMENTS WITH 239 TON CAPACITY, 1 CEMENT COMPARTMENT, 12 CY BATCHER	15 HP	E		$201,821	55.18	15.70	17.15	7.12	0.98	500
	B10RC013	HPXT-12	MODULAR BATCH PLANT, 3 AGGREGATE COMPARTMENTS WITH 300 TON CAPACITY, 1 CEMENT COMPARTMENT, 12 CY BATCHER	15 HP	E		$252,401	67.69	19.63	21.45	8.90	0.98	525
	B10RC014	WHPT-12	MODULAR BATCH PLANT, 4 AGGREGATE COMPARTMENTS WITH 222 TON CAPACITY, 1 CEMENT COMPARTMENT, 12 CY BATCHER	15 HP	E		$203,068	55.48	15.79	17.26	7.16	0.98	500
	B10RC015	HPWT-12	MODULAR BATCH PLANT, 4 AGGREGATE COMPARTMENTS WITH 300 TON CAPACITY, 1 CEMENT COMPARTMENT, 12 CY BATCHER	15 HP	E		$253,648	68.01	19.73	21.56	8.95	0.98	525
	B10RC016	MOBILE MIXER	4.5 CY PORTABLE MIXER WITH 44 FT. ATTACHED CONVEYOR	75 HP	E		$215,626	65.61	16.51	17.80	7.61	4.88	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		$349,526	92.53	26.91	29.16	12.33	1.95	420

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B10			***ROSS COMPANY (continued)***										
	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		$213,214	60.78	16.45	17.86	7.52	2.60	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		$239,701	70.22	18.43	19.96	8.45	3.90	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		$254,481	76.81	19.59	21.22	8.98	5.20	720
	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 FT. OUTPUT	120 HP	E		$625,026	172.03	48.10	52.12	22.04	7.80	800
			STEPHENS MANUFACTURING										
	B10SN001	21ST 100-3	10 CY AGGREGATE BATCHER SECTION WITH 100-TON 3 COMPARTMENT BIN				$63,991	17.02	4.98	5.44	2.26	0.00	300
	B10SN002	21ST 100-4	10 CY AGGREGATE BATCHER SECTION WITH 100-TON 4 COMPARTMENT BIN				$66,484	17.71	5.17	5.65	2.34	0.00	320
	B10SN003	21ST 150-3	10 CY AGGREGATE BATCHER SECTION WITH 150-TON 4 COMPARTMENT BIN				$70,387	18.71	5.47	5.98	2.48	0.00	340
	B10SN004	21ST 150-3	10 CY AGGREGATE BATCHER SECTION WITH 200-TON 3 COMPARTMENT BIN				$71,768	19.05	5.58	6.10	2.53	0.00	360
	B10SN005	21ST 150-4	10 CY AGGREGATE BATCHER SECTION WITH 200-TON 4 COMPARTMENT BIN				$77,051	20.39	6.00	6.55	2.72	0.00	400
	B10SN006	21ST 200-3	10 CY AGGREGATE BATCHER SECTION WITH 250-TON 3 COMPARTMENT BIN				$78,193	20.67	6.09	6.65	2.76	0.00	480
	B10SN007	21ST 200-4	10 CY AGGREGATE BATCHER SECTION WITH 250-TON 4 COMPARTMENT BIN				$84,057	22.12	6.53	7.14	2.96	0.00	500
	B10SN008	21ST 300-3	10 CY AGGREGATE BATCHER SECTION WITH 300-TON 3 COMPARTMENT BIN				$84,204	22.17	6.55	7.16	2.97	0.00	560
	B10SN009	21ST 300-4	10 CY AGGREGATE BATCHER SECTION WITH 300-TON 4 COMPARTMENT BIN				$91,516	24.04	7.12	7.78	3.23	0.00	580
	B10SN010	21ST 350	10FT DIAMETER CEMENT SILO W/BATCHER 1405CF, 66-TON CAPACITY				$34,521	9.67	2.69	2.93	1.22	0.00	170

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B10			***STEPHENS MANUFACTURING (continued)***									
	B10SN011	21ST 450	10FT DIAMETER CEMENT SILO W/BATCHER 1806CF, 85-TON CAPACITY			$36,353	10.11	2.83	3.09	1.28	0.00	185
	B10SN012	21ST 550	10FT DIAMETER CEMENT SILO W/BATCHER 2207CF, 104-TON CAPACITY			$37,782	10.46	2.94	3.21	1.33	0.00	200
	B10SN013	21ST 650	11FT 4IN DIA. CEMENT SILO W/BATCHER 2612CF, 123-TON CAPACITY			$41,524	11.41	3.23	3.53	1.46	0.00	240
	B10SN014	21ST 650-2	11FT 4IN DIA 2-COMP CEMENT SILO W/ BATCHER, 2612CF, 123-TON CAPACITY			$56,262	15.14	4.37	4.78	1.98	0.00	340
	B10SN015	21ST 750	11FT 4IN DIA. CEMENT SILO W/BATCHER 3006CF, 141-TON CAPACITY			$43,517	11.95	3.38	3.70	1.53	0.00	270
	B10SN016	21ST 750-2	11FT 4IN DIA 2-COMP CEMENT SILO W/ BATCHER, 3006CF, 141-TON CAPACITY			$60,116	16.08	4.68	5.11	2.12	0.00	390
	B10SN017	21ST 850	11FT 4IN DIA CEMENT SILO W/BATCHER 3410CF, 160-TON CAPACITY			$47,953	13.03	3.73	4.08	1.69	0.00	300
	B10SN018	21ST 850-2	11FT 4IN DIA 2-COMP CEMENT SILO W/ BATCHER, 3410CF, 160-TON CAPACITY			$64,047	17.08	4.98	5.44	2.26	0.00	440
	B10SN019	21ST MS350	10FT DIAMETER MATERIAL STORAGE SILO 1405 CF, 66-TON CAPACITY			$25,565	7.39	1.99	2.17	0.90	0.00	160
	B10SN020	21ST MS450	10FT DIAMETER MATERIAL STORAGE SILO 1806 CF, 85-TON CAPACITY			$26,993	7.74	2.10	2.29	0.95	0.00	175
	B10SN021	21ST MS550	10FT DIAMETER MATERIAL STORAGE SILO 2207 CF, 104-TON CAPACITY			$28,421	8.09	2.21	2.42	1.00	0.00	190
	B10SN022	21ST MS650	11FT 4-IN DIA. MATERIAL STORAGE SILO 2612 CF, 123-TON CAPACITY			$32,164	9.04	2.50	2.73	1.13	0.00	230
	B10SN023	21ST MS650-2	11FT4-IN DIA 2-COMP MATERIAL STORAGE SILO, 2612 CF, 123-TON CAPACITY			$46,995	12.79	3.66	3.99	1.66	0.00	330
	B10SN024	21ST MS750	11FT 4-IN DIA MATERIAL STORAGE SILO 3006 CF, 141-TON CAPACITY			$34,202	9.60	2.67	2.91	1.21	0.00	260
	B10SN025	21ST MS750-2	11FT 4-IN DIA 2-COMP MATERIAL STORAGE 3006 CF, 141-TON CAPACITY			$50,850	13.72	3.95	4.32	1.79	0.00	380
	B10SN026	21ST MS850	11FT 4-IN DIA MATERIAL STORAGE SILO 3410 CF, 160-TON CAPACITY			$38,640	10.66	3.00	3.28	1.36	0.00	290
	B10SN027	21ST MS850-2	11FT4-IN DIA 2-COMP MATERIAL STORAGE 3410 CF, 160-TON CAPACITY			$54,809	14.79	4.26	4.66	1.93	0.00	430
	B10SN028	EAGLE1077	200-TON DUAL COMPARTMENT SILO 160 CY CAPACTIY			$67,744	18.03	5.27	5.76	2.39	0.00	180
	B10SN029	EAGLE 1341	250-TON DUAL COMPARTMENT SILO 199 CY CAPACTIY			$78,761	20.79	6.13	6.69	2.78	0.00	600

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B10			*STEPHENS MANUFACTURING (continued)*										
	B10SN030	EAGLE 1605	300-TON DUAL COMPARTMENT SILO 238 CY CAPACTIY				$88,106	23.17	6.86	7.49	3.11	0.00	700
	B10SN031	DC-12	12CY DECUMULATING AGGREG BATCHER 2-COMPARTMENT	10 HP	E		$36,833	11.23	2.87	3.13	1.30	0.65	130
	B10SN032	DC-12	12CY DECUMULATING AGGREG BATCHER 2-COMPARTMENT, WITH STRUCTURE FOR AGGREGATE BINS	10 HP	E		$38,121	11.54	2.96	3.24	1.34	0.65	140
			VINCE HAGAN COMPANY										
	B10VI001	HT-10, 250A-45	MOBILE CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE WEIGH BATCHER, 45 TON/33.3 CY AGGREGATE BIN, 10 YARD/111 CF CEMENT WEIGH BATCHER, CEMENT SILO	20 HP	E		$106,001	29.38	8.07	8.65	3.74	1.30	425
	B10VI002	HT-10, 250A	MOBILE CONCRETE BATCHING PLANT WITH 10 CY AGGREGATE WEIGH BATCHER, NO OVERHEAD AGGREGATE BIN, 10 YARD/111 CF CEMENT WEIGH BATCHER, 262 CEMENT SILO	15 HP	E		$87,721	23.94	6.69	7.20	3.09	0.98	400
	B10VI003	HSM-10,000A	STATIONARY MODULAR CONCRETE BATCH PLANT, 10 CY AGGREGATE WEIGH BATCHER, NO OVERHEAD AGGREGATE BIN, 10 YARD/111 CF CEMENT WEIGH BATCHER, NO CEMENT SILO	15 HP	E		$80,687	22.24	6.15	6.60	2.85	0.98	375
	0.30	**PUGMILL**											
			KOLMAN										
	B10KL001	Model 707	PORT. PUG. W/24" BELT X 50'CONVEYOR 8 CY HOPPER,& ASPHALT PUMPING SYST.	110 HP	D-off		$92,798	26.81	7.11	7.68	3.27	3.17	235
	B10KL004	Model 707	PORT. PUG. W/30" BELT X 50'CONVEYOR 10 CY HOPPER,& ASPHALT PUMPING SYST.	110 HP	D-off		$94,745	27.31	7.25	7.82	3.34	3.17	250
	B10KL005	Model 707	PORT. PUG. W/36" BELT X 50'CONVEYOR 10 CY HOPPER,& ASPHALT PUMPING SYST.	110 HP	D-off		$98,574	28.29	7.53	8.10	3.48	3.17	266

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
B15	**BROOMS, STREET SWEEPERS & FLUSHERS**											
	0.00 BROOMS, STREET SWEEPERS & FLUSHERS											
		ALLMAND BROTHERS, INC.										
B15AB001	MODEL 6600	MAXI-SWEEP, 7.5'MAX WIDTH,SELF-PROP	76 HP	D-off		$34,707	11.98	2.99	3.40	1.29	2.19	50
		M-B										
B15MB001	MT	SWEEPER,HYDR LIFT,7 FT,ADD TRACTOR PTO DRIVE W/SPRINKLER				$4,547	1.28	0.40	0.45	0.17	0.00	10
B15MB002	HT	SWEEPER,HYDR LIFT,7 FT,ADD TRACTOR HYDRAULIC DRIVE W/SPRINKLER, HVY DUTY				$6,927	1.95	0.61	0.69	0.26	0.00	14
B15MB003	53T	SWEEPER, HYDR LIFT, 7 FT, TOWED MECH DRIVE W/SPRINKLER				$8,483	2.45	0.73	0.81	0.32	0.00	18
B15MB004	53MH	SWEEPER, HYDR LIFT, 7 FT, TOWED MOTOR DRIVEN W/SPRINKLER	18 HP	G		$9,692	4.47	0.83	0.93	0.36	1.52	17
		ROSCO										
B15RS001	RB-38	STREET SWEEPER, 8' BRUSH,SELF-PROP.	76 HP	D-off		$30,766	10.94	2.65	3.02	1.14	2.19	55
B15RS002	MTA-H	STREET FLUSHER, 1,600 GAL, TRK MTD (ADD 18,000 TO 24,000 GVW TRUCK)				$24,905	7.01	2.18	2.49	0.93	0.00	46
B15RS003	MTA-H	STREET FLUSHER, 2,500 GAL, TRK MTD (ADD 24,000 TO 32,000 GVW TRUCK)				$27,275	7.72	2.38	2.73	1.01	0.00	54
B15RS004	MTA-H	STREET FLUSHER, 3500 GAL, TRK MTD (ADD 42,000 GVW TRUCK)				$28,922	8.26	2.53	2.89	1.08	0.00	60
B20	**BRUSH CHIPPERS**											
	0.00 BRUSH CHIPPERS											
		VERMEER										
B20VE001	1600A	6" DIAMETER LOG CAPACITY, TRLR MTD	99 HP	G		$17,899	16.47	1.55	1.76	0.67	8.36	46
B20VE002	1250	12" DIA W/AUTOFEED , TRLR MTD	96 HP	G		$22,192	17.30	1.93	2.19	0.83	8.10	51

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		NO SPECIFIC MANUFACTURER										
B20XX001		SMALL CHIPPER, TRAILER-MOUNTED	18 HP	G		$5,518	3.61	0.48	0.54	0.21	1.52	9
B20XX002		6" CAPACITY, TRAILER-MOUNTED	30 HP	G		$10,798	6.46	0.93	1.06	0.40	2.53	21
B20XX003		12" CAPACITY, TRAILER-MOUNTED	60 HP	G		$13,580	10.73	1.18	1.33	0.51	5.07	36
B20XX004		12" CAPACITY, TRAILER-MOUNTED	76 HP	D-off		$15,467	7.18	1.34	1.52	0.58	2.19	42
B20XX005		6" CAPACITY, TRAILER-MOUNTED	37 HP	G		$10,492	7.20	0.91	1.03	0.39	3.12	37
B20XX006		16" CAPACITY, TRAILER-MOUNTED	76 HP	D-off		$15,847	7.28	1.37	1.56	0.59	2.19	44
B20XX007		16" CAPACITY ,TWIN-FEED, TRLR-MTD	76 HP	D-off		$16,411	7.44	1.42	1.61	0.61	2.19	44
B25	**BUCKETS, CLAMSHELL**											
	0.00 BUCKETS, CLAMSHELL											
		ESCO CORP.										
B25ES001	GPS-5R26	.625 CY, GEN. PURPOSE/SQUARE NOSE				$13,447	2.82	1.04	1.14	0.47	0.00	28
B25ES002	GPS-6R32	.750 CY, GEN. PURPOSE/SQUARE NOSE				$14,506	3.05	1.13	1.23	0.51	0.00	32
B25ES003	GPS-7R34	.875 CY, GEN. PURPOSE/SQUARE NOSE				$16,395	3.45	1.28	1.39	0.58	0.00	40
B25ES004	GPS-9R38	1.125 CY, GEN. PURPOSE/SQUARE NOSE				$17,792	3.74	1.39	1.51	0.63	0.00	44
B25ES005	GPS-12R41	1.500 CY, GEN. PURPOSE/SQUARE NOSE				$18,588	3.91	1.45	1.58	0.66	0.00	47
B25ES006	GPS-14R43	1.750 CY, GEN. PURPOSE/SQUARE NOSE				$25,226	5.30	1.96	2.14	0.89	0.00	65
B25ES007	GPS-17R46	2.125 CY, GEN. PURPOSE/SQUARE NOSE				$27,152	5.72	2.12	2.31	0.96	0.00	68
B25ES008	GPS-19R48	2.375 CY, GEN. PURPOSE/SQUARE NOSE				$29,129	6.13	2.27	2.48	1.03	0.00	73
B25ES009	GPS-24R51	3.000 CY, GEN. PURPOSE/SQUARE NOSE				$37,901	7.97	2.95	3.22	1.34	0.00	94
B25ES010	GPS-28R56	3.500 CY, GEN. PURPOSE/SQUARE NOSE				$39,026	8.22	3.04	3.32	1.38	0.00	99
B25ES011	GPS-32R60	4.000 CY, GEN. PURPOSE/SQUARE NOSE				$42,844	9.01	3.33	3.64	1.51	0.00	110
B25ES012	GPS-38R60	4.750 CY, GEN. PURPOSE/SQUARE NOSE				$46,594	9.80	3.62	3.96	1.64	0.00	120
B25ES013	GPS-40R60	5.000 CY, GEN. PURPOSE/SQUARE NOSE				$50,535	10.63	3.93	4.30	1.78	0.00	132
B25ES014	GPS-50R67	6.250 CY, GEN. PURPOSE/SQUARE NOSE				$55,011	11.58	4.28	4.68	1.94	0.00	146
B25ES015	GPS-54R67	6.750 CY, GEN. PURPOSE/SQUARE NOSE				$59,343	12.48	4.61	5.04	2.09	0.00	158
B25ES016	GPS-58R67	7.250 CY, GEN. PURPOSE/SQUARE NOSE				$61,554	12.95	4.79	5.23	2.17	0.00	166
B25ES017	GPS-62R72	7.750 CY, GEN. PURPOSE/SQUARE NOSE				$65,905	13.86	5.12	5.60	2.32	0.00	177
B25ES018	GPS-64R72	8.000 CY, GEN. PURPOSE/SQUARE NOSE				$68,210	14.36	5.31	5.80	2.41	0.00	185
B25ES019	GPS-70R72	8.750 CY, GEN. PURPOSE/SQUARE NOSE				$71,709	15.09	5.58	6.10	2.53	0.00	192

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B25			*ESCO CORP. (continued)*									
	B25ES020	HDS-5R26	.625 CY, HEAVY DUTY/SQUARE NOSE			$12,897	2.71	1.00	1.10	0.45	0.00	29
	B25ES021	HDS-6R32	.750 CY, HEAVY DUTY/SQUARE NOSE			$13,805	2.90	1.08	1.17	0.49	0.00	33
	B25ES022	HDS-7R34	.875 CY, HEAVY DUTY/SQUARE NOSE			$18,924	3.99	1.48	1.61	0.67	0.00	43
	B25ES023	HDS-9R38	1.125 CY, HEAVY DUTY/SQUARE NOSE			$19,201	4.04	1.50	1.63	0.68	0.00	49
	B25ES024	HDS-12R41	1.500 CY, HEAVY DUTY/SQUARE NOSE			$20,354	4.28	1.59	1.73	0.72	0.00	53
	B25ES025	HDS-14R43	1.750 CY, HEAVY DUTY/SQUARE NOSE			$27,819	5.85	2.16	2.36	0.98	0.00	74
	B25ES026	HDS-17R46	2.125 CY, HEAVY DUTY/SQUARE NOSE			$29,008	6.10	2.26	2.47	1.02	0.00	78
	B25ES027	HDS-19R48	2.375 CY, HEAVY DUTY/SQUARE NOSE			$30,046	6.32	2.34	2.55	1.06	0.00	82
	B25ES028	HDS-24R51	3.000 CY, HEAVY DUTY/SQUARE NOSE			$38,186	8.04	2.98	3.25	1.35	0.00	104
	B25ES029	HDS-28R56	3.500 CY, HEAVY DUTY/SQUARE NOSE			$41,787	8.79	3.25	3.55	1.47	0.00	115
	B25ES030	HDS-32R60	4.000 CY, HEAVY DUTY/SQUARE NOSE			$47,558	10.00	3.70	4.04	1.68	0.00	126
	B25ES031	HDS-38R60	4.750 CY, HEAVY DUTY/SQUARE NOSE			$51,159	10.76	3.98	4.35	1.80	0.00	137
	B25ES032	HDS-40R60	5.000 CY, HEAVY DUTY/SQUARE NOSE			$54,951	11.56	4.28	4.67	1.94	0.00	147
	B25ES033	HDS-50R67	6.250 CY, HEAVY DUTY/SQUARE NOSE			$60,206	12.66	4.68	5.12	2.12	0.00	163
	B25ES034	HDS-54R67	6.750 CY, HEAVY DUTY/SQUARE NOSE			$63,491	13.36	4.94	5.40	2.24	0.00	172
	B25ES035	HDS-58R67	7.250 CY, HEAVY DUTY/SQUARE NOSE			$66,627	14.01	5.18	5.66	2.35	0.00	182
	B25ES036	HDS-62R72	7.750 CY, HEAVY DUTY/SQUARE NOSE			$70,156	14.75	5.45	5.96	2.47	0.00	193
	B25ES037	HDS-64R72	8.000 CY, HEAVY DUTY/SQUARE NOSE			$73,111	15.38	5.69	6.21	2.58	0.00	201
	B25ES038	HDS-70R72	8.750 CY, HEAVY DUTY/SQUARE NOSE			$76,014	15.99	5.91	6.46	2.68	0.00	209
	B25ES039	XDS-5R30	.625 CY, XTRA-HVY DUTY/SQUARE NOSE			$15,528	3.27	1.21	1.32	0.55	0.00	36
	B25ES040	XDS-7R34	.875 CY, XTRA-HVY DUTY/SQUARE NOSE			$21,449	4.51	1.67	1.82	0.76	0.00	52
	B25ES041	XDS-10R38	1.250 CY, XTRA-HVY DUTY/SQUARE NOSE			$21,966	4.62	1.71	1.87	0.77	0.00	58
	B25ES042	XDS-12R41	1.500 CY, XTRA-HVY DUTY/SQUARE NOSE			$24,083	5.07	1.88	2.05	0.85	0.00	63
	B25ES043	XDS-14R43	1.750 CY, XTRA-HVY DUTY/SQUARE NOSE			$31,644	6.66	2.47	2.69	1.12	0.00	85
	B25ES044	XDS-17R46	2.125 CY, XTRA-HVY DUTY/SQUARE NOSE			$34,254	7.21	2.67	2.91	1.21	0.00	92
	B25ES045	XDS-19R48	2.375 CY, XTRA-HVY DUTY/SQUARE NOSE			$38,548	8.11	3.00	3.28	1.36	0.00	103
	B25ES046	XDS-24R51	3.000 CY, XTRA-HVY DUTY/SQUARE NOSE			$44,400	9.34	3.46	3.77	1.57	0.00	121
	B25ES047	XDS-30R56	3.750 CY, XTRA-HVY DUTY/SQUARE NOSE			$48,236	10.15	3.75	4.10	1.70	0.00	135
	B25ES048	XDS-32R60	4.000 CY, XTRA-HVY DUTY/SQUARE NOSE			$53,149	11.18	4.13	4.52	1.87	0.00	149
	B25ES049	XDS-38R60	4.750 CY, XTRA-HVY DUTY/SQUARE NOSE			$56,320	11.85	4.39	4.79	1.99	0.00	158
	B25ES050	XDS-40R60	5.000 CY, XTRA-HVY DUTY/SQUARE NOSE			$58,598	12.33	4.56	4.98	2.07	0.00	168
	B25ES051	XDS-50R67	6.250 CY, XTRA-HVY DUTY/SQUARE NOSE			$63,321	13.32	4.92	5.38	2.23	0.00	181
	B25ES052	XDS-54R67	6.750 CY, XTRA-HVY DUTY/SQUARE NOSE			$67,086	14.11	5.22	5.70	2.37	0.00	193

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B25			*ESCO CORP. (continued)*									
	B25ES053	XDS-58R67	7.250 CY, XTRA-HVY DUTY/SQUARE NOSE			$70,529	14.83	5.49	5.99	2.49	0.00	203
	B25ES054	XDS-62R72	7.750 CY, XTRA-HVY DUTY/SQUARE NOSE			$75,042	15.79	5.84	6.38	2.65	0.00	220
	B25ES055	XDS-64R72	8.000 CY, XTRA-HVY DUTY/SQUARE NOSE			$77,671	16.34	6.04	6.60	2.74	0.00	223
	B25ES056	XDS-70R72	8.750 CY, XTRA-HVY DUTY/SQUARE NOSE			$80,439	16.93	6.26	6.84	2.84	0.00	241
			GENSCO									
	B25GE001		10CY HEAVY DUTY CLAMSHELL			$85,565	18.00	6.66	7.27	3.02	0.00	230
	B25GE002		11CY HEAVY DUTY CLAMSHELL			$91,036	19.15	7.08	7.74	3.21	0.00	250
	B25GE003		12CY HEAVY DUTY CLAMSHELL			$97,520	20.52	7.59	8.29	3.44	0.00	267
	B25GE004		13CY HEAVY DUTY CLAMSHELL			$108,060	22.74	8.40	9.19	3.81	0.00	284
	B25GE005		14CY HEAVY DUTY CLAMSHELL			$118,577	24.94	9.22	10.08	4.18	0.00	300
	B25GE006		15CY MEDIUM DUTY CLAMSHELL			$127,684	26.85	9.93	10.85	4.50	0.00	320
	B25GE007		16CY MEDIUM DUTY CLAMSHELL			$138,107	29.05	10.74	11.74	4.87	0.00	335
	B25GE008		17CY MEDIUM DUTY CLAMSHELL			$148,382	31.21	11.54	12.61	5.23	0.00	342
	B25GE009		18CY MEDIUM DUTY CLAMSHELL			$158,899	33.43	12.36	13.51	5.60	0.00	362
	B25GE010		19CY MEDIUM DUTY CLAMSHELL			$169,378	35.63	13.17	14.40	5.97	0.00	380
	B25GE011		20CY MEDIUM DUTY CLAMSHELL			$174,821	36.78	13.60	14.86	6.17	0.00	400
B30	**BUCKETS, CONCRETE**											
	0.10 GENERAL PURPOSE, MANUAL											
			GAR-BRO MANUFACTURING COMPANY									
	B30GB001	433-G	1.0 CY BUCKET			$2,294	0.47	0.17	0.18	0.08	0.00	6
	B30GB002	442-G	1.5 CY BUCKET			$3,093	0.64	0.24	0.25	0.11	0.00	8
	B30GB003	462-G	2.0 CY BUCKET			$3,709	0.77	0.29	0.30	0.14	0.00	11
	B30GB004	493-G	3.0 CY BUCKET			$5,527	1.14	0.42	0.44	0.20	0.00	19
	B30GB005	4123-G	4.0 CY BUCKET			$6,490	1.34	0.50	0.52	0.24	0.00	23
	0.20 LAYDOWN											
			GAR-BRO MANUFACTURING COMPANY									
	B30GB006	425-A	1.0 CY BUCKET, HEAVY DUTY, AIR GATE			$11,091	2.36	0.85	0.89	0.40	0.00	26

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B30			*GAR-BRO MANUFACTURING COMPANY (continued)*									
	B30GB007	465-A	2.0 CY BUCKET, HEAVY DUTY, AIR GATE			$12,559	2.67	0.96	1.00	0.46	0.00	31
	B30GB008	495-A	3.0 CY BUCKET, HEAVY DUTY, AIR GATE			$14,405	3.07	1.11	1.15	0.53	0.00	40
	B30GB009	4125-A	4.0 CY BUCKET, HEAVY DUTY, AIR GATE			$16,573	3.54	1.28	1.33	0.61	0.00	51
	B30GB010	4155-A	5.0 CY BUCKET, HEAVY DUTY, AIR GATE			$20,909	4.45	1.60	1.67	0.76	0.00	73
	0.30	**LOWBOY**										
			CAMLEVER									
	B30CR001	LB-375	.375 CY BUCKET, AIR OPERATED GATE			$3,899	0.85	0.30	0.31	0.14	0.00	2
	B30CR002	LB-050	.500 CY BUCKET, AIR OPERATED GATE			$4,178	0.91	0.32	0.33	0.15	0.00	2
	B30CR003	LB-075	.750 CY BUCKET, AIR OPERATED GATE			$4,521	1.00	0.35	0.36	0.17	0.00	3
	B30CR004	LB-100	1.000 CY BUCKET, AIR OPERATED GATE			$4,699	1.03	0.36	0.38	0.17	0.00	5
	B30CR005	LB-150	1.500 CY BUCKET, AIR OPERATED GATE			$5,536	1.21	0.42	0.44	0.20	0.00	6
	B30CR006	LB-200	2.000 CY BUCKET, AIR OPERATED CATE			$6,522	1.43	0.50	0.52	0.24	0.00	8
	B30CR007	LB-300	3.000 CY BUCKET, AIR OPERATED GATE			$7,334	1.62	0.57	0.59	0.27	0.00	12
	B30CR008	LB-400	4.000 CY BUCKET, AIR OPERATED GATE			$8,535	1.87	0.65	0.68	0.31	0.00	15
	B30CR009	LXB-150	1.500 CY BUCKET, AIR OPERATED GATE			$5,820	1.28	0.45	0.47	0.21	0.00	6
	B30CR010	LXB-200	2.000 CY BUCKET, AIR OPERATED GATE			$6,776	1.49	0.52	0.54	0.25	0.00	6
	B30CR011	LXB-300	3.000 CY BUCKET, AIR OPERATED GATE			$8,016	1.76	0.61	0.64	0.29	0.00	6
	B30CR012	LXB-400	4.000 CY BUCKET, AIR OPERATED GATE			$11,280	2.47	0.86	0.90	0.41	0.00	6
	0.40	**LOW SLUMP**										
			GAR-BRO MANUFACTURING COMPANY									
	B30GB011	440-A	1.0 CY BUCKET, AIR OPERATED GATE			$9,779	2.15	0.75	0.78	0.36	0.00	19
	B30GB012	450-A	1.5 CY BUCKET, AIR OPERATED GATE			$10,153	2.23	0.78	0.81	0.37	0.00	21
	B30GB013	460-A	2.0 CY BUCKET, AIR OPERATED GATE			$10,582	2.33	0.82	0.85	0.39	0.00	23
	B30GB014	493-A	3.0 CY BUCKET, AIR OPERATED GATE			$14,126	3.10	1.09	1.13	0.52	0.00	49
	B30GB015	4139-A	4.0 CY BUCKET, AIR OPERATED GATE			$14,741	3.24	1.13	1.18	0.54	0.00	52
	B30GB016	4200-A	6.0 CY BUCKET, AIR OPERATED GATE			$21,315	4.69	1.64	1.71	0.78	0.00	78
	B30GB017	4250-A	8.0 CY BUCKET, AIR OPERATED GATE			$25,584	5.62	1.96	2.05	0.93	0.00	90

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE: MAIN	ENGINE HORSEPOWER - FUEL TYPE: CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR): AVERAGE	TOTAL HOURLY RATES ($/HR): STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP: DEPR	ADJUSTABLE ELEMENTS OWNERSHIP: FCCM	ADJUSTABLE ELEMENTS OWNERSHIP: FUEL	CWT
B35	**BUCKETS, DRAGLINE**										
0.10	**LIGHT WEIGHT**										
		HENDRIX									
B35HE001	LS	.75 CY BUCKET,LIGHT WT/PERFORATED			$4,839	1.22	0.43	0.51	0.17	0.00	15
B35HE002	LS	1.0 CY BUCKET,LIGHT WT/PERFORATED			$5,752	1.47	0.52	0.61	0.21	0.00	18
B35HE003	LS	1.5 CY BUCKET,LIGHT WT/PERFORATED			$7,633	1.94	0.68	0.81	0.27	0.00	26
B35HE004	LS	2.0 CY BUCKET,LIGHT WT/PERFORATED			$9,033	2.30	0.80	0.96	0.32	0.00	32
B35HE005	LS	2.5 CY BUCKET,LIGHT WT/PERFORATED			$10,603	2.70	0.95	1.13	0.38	0.00	37
B35HE006	LS	3.0 CY BUCKET,LIGHT WT/PERFORATED			$13,082	3.33	1.17	1.39	0.47	0.00	46
B35HE007	LS	3.5 CY BUCKET,LIGHT WT/PERFORATED			$14,449	3.69	1.29	1.54	0.52	0.00	50
B35HE008	LS	4.0 CY BUCKET,LIGHT WT/PERFORATED			$17,679	4.51	1.58	1.88	0.64	0.00	65
B35HE009	LS	4.5 CY BUCKET,LIGHT WT/PERFORATED			$18,769	4.77	1.67	1.99	0.67	0.00	69
B35HE010	LS	5.0 CY BUCKET,LIGHT WT/PERFORATED			$22,686	5.79	2.03	2.41	0.82	0.00	85
B35HE011	LS	6.0 CY BUCKET,LIGHT WT/PERFORATED			$24,600	6.26	2.19	2.61	0.88	0.00	92
B35HE012	LS	7.0 CY BUCKET,LIGHT WT/PERFORATED			$26,880	6.86	2.40	2.86	0.97	0.00	101
B35HE013	LS	8.0 CY BUCKET,LIGHT WT/PERFORATED			$29,806	7.60	2.66	3.17	1.07	0.00	112
B35HE014	LS	9.0 CY BUCKET,LIGHT WT/PERFORATED			$34,397	8.76	3.07	3.65	1.24	0.00	128
B35HE015	LS	10.0 CY BUCKET,LIGHT WT/PERFORATED			$37,385	9.52	3.33	3.97	1.34	0.00	139
B35HE016	LS	12.0 CY BUCKET,LIGHT WT/PERFORATED			$45,875	11.69	4.09	4.87	1.65	0.00	166
B35HE017	LS	14.0 CY BUCKET,LIGHT WT/PERFORATED			$52,740	13.44	4.70	5.60	1.90	0.00	191
		SAUERMAN									
B35SA001	SC-1050-K	1.0 CY BUCKET,L WT,CRECENT SCRAPER			$13,613	3.47	1.22	1.45	0.49	0.00	15
B35SA002	SC-1060-K	1.5 CY BUCKET,L WT,CRECENT SCRAPER			$16,412	4.18	1.46	1.74	0.59	0.00	20
B35SA003	SC-1070-K	2.0 CY BUCKET,L WT,CRECENT SCRAPER			$20,294	5.18	1.81	2.16	0.73	0.00	25
B35SA004	SC-1090-K	3.0 CY BUCKET,L WT,CRECENT SCRAPER			$27,789	7.08	2.48	2.95	1.00	0.00	36
B35SA005	SC-1100-K	4.0 CY BUCKET,L WT,CRECENT SCRAPER			$34,849	8.87	3.10	3.70	1.25	0.00	49
B35SA006	SC-1110-K	5.0 CY BUCKET,L WT,CRECENT SCRAPER			$41,008	10.45	3.65	4.36	1.47	0.00	58
B35SA007	SC-1120-K	6.0 CY BUCKET,L WT,CRECENT SCRAPER			$46,211	11.77	4.12	4.91	1.66	0.00	68
B35SA008	SC-1130-K	8.0 CY BUCKET,L WT,CRECENT SCRAPER			$56,224	14.32	5.01	5.97	2.02	0.00	88
B35SA009	SC-1140-K	10.0 CY BUCKET,L WT,CRECENT SCRAPER			$68,937	17.56	6.14	7.32	2.48	0.00	106

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B35			***SAUERMAN (continued)***									
	B35SA010	SC-1150-K	12.0 CY BUCKET,L WT,CRECENT SCRAPER			$85,419	21.77	7.61	9.08	3.07	0.00	132
	0.20 MEDIUM WEIGHT											
			HENDRIX									
	B35HE018	TS	.75 CY BUCKET, MEDIUM WEIGHT			$5,547	1.28	0.46	0.52	0.20	0.00	17
	B35HE019	TS	1.0 CY BUCKET, MEDIUM WEIGHT			$6,365	1.47	0.53	0.60	0.23	0.00	19
	B35HE020	TS	1.5 CY BUCKET, MEDIUM WEIGHT			$8,694	2.00	0.72	0.82	0.31	0.00	28
	B35HE021	TS	2.0 CY BUCKET, MEDIUM WEIGHT			$10,410	2.39	0.86	0.98	0.37	0.00	36
	B35HE022	TS	2.5 CY BUCKET, MEDIUM WEIGHT			$11,992	2.76	1.00	1.13	0.43	0.00	41
	B35HE023	TS	3.0 CY BUCKET, MEDIUM WEIGHT			$13,934	3.21	1.16	1.32	0.50	0.00	49
	B35HE024	TS	3.5 CY BUCKET, MEDIUM WEIGHT			$15,836	3.65	1.31	1.50	0.56	0.00	54
	B35HE025	TS	4.0 CY BUCKET, MEDIUM WEIGHT			$19,096	4.39	1.58	1.80	0.68	0.00	70
	B35HE026	TS	4.5 CY BUCKET, MEDIUM WEIGHT			$20,372	4.68	1.68	1.92	0.72	0.00	72
	B35HE027	TS	5.0 CY BUCKET, MEDIUM WEIGHT			$26,126	6.02	2.17	2.47	0.93	0.00	93
	B35HE028	TS	6.0 CY BUCKET, MEDIUM WEIGHT			$26,988	6.21	2.24	2.55	0.96	0.00	96
	B35HE029	TS	7.0 CY BUCKET, MEDIUM WEIGHT			$30,833	7.10	2.56	2.91	1.10	0.00	111
	B35HE030	TS	8.0 CY BUCKET, MEDIUM WEIGHT			$33,942	7.82	2.82	3.21	1.21	0.00	122
	B35HE031	TS	9.0 CY BUCKET, MEDIUM WEIGHT			$40,686	9.36	3.37	3.84	1.45	0.00	149
	B35HE032	TS	10.0 CY BUCKET, MEDIUM WEIGHT			$43,331	9.97	3.59	4.09	1.54	0.00	159
	B35HE033	TS	12.0 CY BUCKET, MEDIUM WEIGHT			$55,870	12.86	4.63	5.28	1.99	0.00	202
	B35HE034	TS	14.0 CY BUCKET, MEDIUM WEIGHT			$62,232	14.32	5.15	5.88	2.21	0.00	225
	0.30 HEAVY WEIGHT											
			HENDRIX									
	B35HE035	MH-S	2.75 CY BUCKET, HEAVY DUTY DREDGING			$20,990	4.41	1.63	1.78	0.74	0.00	69
	B35HE036	MH-S	3.0 CY BUCKET, HEAVY DUTY DREDGING			$21,903	4.60	1.70	1.86	0.77	0.00	72
	B35HE037	MH-S	3.5 CY BUCKET, HEAVY DUTY DREDGING			$24,641	5.18	1.92	2.09	0.87	0.00	81
	B35HE038	MH-S	4.0 CY BUCKET, HEAVY DUTY DREDGING			$33,463	7.04	2.60	2.84	1.18	0.00	110
	B35HE039	MH-S	4.5 CY BUCKET, HEAVY DUTY DREDGING			$37,418	7.87	2.91	3.18	1.32	0.00	123
	B35HE040	MH-S	5.0 CY BUCKET, HEAVY DUTY DREDGING			$38,634	8.12	3.00	3.28	1.36	0.00	127
	B35HE041	MH-S	6.0 CY BUCKET, HEAVY DUTY DREDGING			$41,372	8.71	3.22	3.52	1.46	0.00	136

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
B35			*HENDRIX (continued)*										
	B35HE042	MH-S	7.0 CY BUCKET, HEAVY DUTY DREDGING				$52,430	11.03	4.08	4.46	1.85	0.00	175
	B35HE043	MH-S	8.0 CY BUCKET, HEAVY DUTY DREDGING				$53,923	11.34	4.19	4.58	1.90	0.00	180
	B35HE044	MH-S	9.0 CY BUCKET, HEAVY DUTY DREDGING				$68,671	14.45	5.34	5.84	2.42	0.00	234
	B35HE045	MH-S	10.0 CY BUCKET, HEAVY DUTY DREDGING				$70,168	14.75	5.45	5.96	2.47	0.00	243
	B35HE046	MH-S	12.0 CY BUCKET, HEAVY DUTY DREDGING				$83,454	17.55	6.49	7.09	2.94	0.00	289
	B35HE047	MH-S	14.0 CY BUCKET, HEAVY DUTY DREDGING				$87,782	18.47	6.83	7.46	3.10	0.00	309
C05	**CHAIN SAWS**												
	0.00 CHAIN SAWS												
			HOMELITE TEXTRON INC.										
	C05HO001	XL925	CHAINSAW - 31" BAR	3 HP	G		$801	1.80	0.12	0.17	0.03	0.35	1
C10	**COMPACTORS, MANUALLY OPERATED**												
	0.00 COMPACTORS, MANUALLY OPERATED												
			BOMAG USA										
	C10BO001	BT 58	VIBRATORY TAMPER, 9" RAMMER	3 HP	G		$2,723	1.81	0.33	0.44	0.11	0.35	1
	C10BO002	BT 68	VIBRATORY TAMPER, 11" RAMMER	3 HP	G		$3,263	2.07	0.39	0.52	0.13	0.35	2
	C10BO003	BP 10/36	VIBRATORY PLATE, WITH 14.2" PLATE	4 HP	G		$1,572	1.38	0.19	0.25	0.06	0.47	2
	C10BO004	BP 15/45	VIBRATORY PLATE, WITH 17.7" PLATE	4 HP	G		$1,980	1.59	0.24	0.32	0.08	0.47	2
	C10BO005	BP 20/48D	VIBRATORY PLATE, WITH 18.9" PLATE	4 HP	D-off		$4,379	2.38	0.52	0.70	0.17	0.16	4
	C10BO006	BPR 30/38	VIB REVERSIBLE PLATE, W/15" PLATE	5 HP	G		$6,212	3.84	0.74	0.99	0.24	0.59	4
	C10BO007	BPR 30/38D	VIB REVERSIBLE PLATE, W/15" PLATE	5 HP	D-off		$7,434	3.95	0.89	1.19	0.29	0.20	4
	C10BO008	BPR 50/55D	VIB REVERSIBLE PLATE, W/31.5" PLATE	7 HP	D-off		$11,222	5.94	1.34	1.80	0.44	0.28	9
	C10BO009	BW 55E	SINGLE DRUM, 22.1" WIDE, WALK-BEHIND	3 HP	G		$4,849	2.86	0.58	0.78	0.19	0.35	4
	C10BO010	BW 35	DOUBLE DRUM, 15.4" WIDE, WALK-BEHIND	4 HP	D-off		$11,712	6.03	1.40	1.87	0.46	0.16	11
	C10BO011	BW 60S	DOUBLE DRUM, 23.6" WIDE	8 HP	D-off		$13,133	6.93	1.56	2.10	0.51	0.32	18
			HOMELITE TEXTRON INC.										
	C10HO001	HR65	RAMMER, 11" X 13" PLATE	4 HP	G		$2,634	1.90	0.31	0.42	0.10	0.47	2

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C10			***HOMELITE TEXTRON INC. (continued)***										
	C10HO002	HR80	RAMMER, 12" X 13" PLATE	4 HP	G		$2,956	2.07	0.36	0.47	0.12	0.47	2
	C10HO003	HCP120	VIBRO PLATE, 23" X 22" PLATE	5 HP	G		$2,662	2.08	0.32	0.43	0.10	0.59	3
			SAKAI (Japan)										
	C10SI001	VT110	VIBRATORY TAMPER, 13"x8",1210#IMPACT	3 HP	G		$2,806	1.85	0.34	0.45	0.11	0.35	1
	C10SI002	VT201	VIBRATORY TAMPER, 14"x8",1540# IMPACT	3 HP	G		$3,032	1.96	0.37	0.49	0.12	0.35	1
	C10SI003	VT301	VIBRATORY TAMPER, 14"x11",2150#IMPACT	3 HP	G		$3,051	1.97	0.37	0.49	0.12	0.35	1
	C10SI004	VT401	VIBRATORY TAMPER, 14"x11",2500#IMPACT	4 HP	G		$3,217	2.20	0.39	0.51	0.13	0.47	2
	C10SI005	VT501	VIBRATORY TAMPER, 14"x12",3000#IMPACT	4 HP	G		$3,276	2.22	0.39	0.52	0.13	0.47	2
	C10SI006	HV200	DOUBLE DRUM, 22" WIDE, WALK-BEHIND	5 HP	D-off		$11,508	5.97	1.37	1.84	0.45	0.20	12
	C10SI007	HV300	DOUBLE DRUM, 25" WIDE, WALK-BEHIND	5 HP	D-off		$13,067	6.75	1.56	2.09	0.51	0.20	13
	C10SI008	HV510	DOUBLE DRUM, 26.5" WIDE, WALK-BEHIND	6 HP	D-off		$13,729	7.14	1.64	2.20	0.54	0.24	17
	C10SI009	HV700	DOUBLE DRUM, 28.5" WIDE, WALK-BEHIND	8 HP	D-off		$17,243	8.97	2.05	2.76	0.67	0.32	24
	C10SI010	PC50A	VIBRATING PLATE, 17"x11"	2 HP	G		$2,001	1.30	0.24	0.32	0.08	0.23	1
	C10SI011	PC100A	VIBRATING PLATE, 18"x12"	2 HP	G		$2,050	1.32	0.25	0.33	0.08	0.23	1
	C10SI012	PC200	VIBRATING PLATE, 19"x13"	2 HP	G		$2,089	1.33	0.25	0.33	0.08	0.23	1
	C10SI013	PC300	VIBRATING PLATE, 20"x14"	3 HP	G		$2,217	1.55	0.27	0.35	0.09	0.35	1
	C10SI014	PC400	VIBRATING PLATE, 22"x15"	3 HP	G		$2,628	1.75	0.31	0.42	0.10	0.35	2
	C10SI015	PC500	VIBRATING PLATE, 23"x17"	5 HP	G		$2,844	2.18	0.34	0.46	0.11	0.59	2
			WACKER										
	C10WC001	BS 45Y	RAMMER, VIBRATORY, 10" X 13" SHOE	4 HP	G		$2,384	1.78	0.28	0.38	0.09	0.47	1
	C10WC002	GVR 151Y	RAMMER, VIBRATORY, 11" X 13" SHOE	4 HP	G		$3,163	2.17	0.38	0.51	0.12	0.47	2
	C10WC003	BS 65Y	RAMMER, VIBRATORY, 11" X 13" SHOE	4 HP	G		$4,083	2.63	0.49	0.65	0.16	0.47	2
	C10WC004	BS 105Y	RAMMER, VIBRATORY, 16" X 15" SHOE	4 HP	G		$4,952	3.05	0.59	0.79	0.19	0.47	2
	C10WC005	VPG 160B	VIBRO PLATE, 21" X 24" BASE PLATE	4 HP	G		$1,789	1.49	0.22	0.29	0.07	0.47	2
	C10WC006	BPS 2550 R	VIBRO PLATE,19.5" X 25.5"BASE PLATE	7 HP	G		$2,503	2.29	0.30	0.40	0.10	0.82	3
	C10WC007	BPU 3345R	VIBRO PLATE,23.5" X 35.5"BASE PLATE	7 HP	G		$8,569	5.31	1.03	1.37	0.34	0.82	7
	C10WC008	DPU 3345H	VIBRO PLATE,23.5" X 35.5"BASE PLATE	6 HP	D-off		$13,791	7.16	1.65	2.21	0.54	0.24	7
	C10WC009	DPU 6760	VIBRO PLATE,31.5" X 42" BASE PLATE	14 HP	D-off		$25,747	13.51	3.07	4.12	1.01	0.56	13
	C10WC010	RSS 800A	28.3" WIDE X 22" DIA. VIB ROLLER SINGLE DRUM, WALK-BEHIND	11 HP	G		$10,959	7.10	1.31	1.75	0.43	1.29	11
	C10WC011	W 55	21.6" WIDE X 17.3 DIA. VIB ROLLER DOUBLE DRUM, WALK-BEHIND	8 HP	D-off		$16,982	8.84	2.02	2.72	0.66	0.32	17

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C10			***WACKER (continued)***										
	C10WC012	W 74	29.5" WIDE X 17.3 DIA. VIB ROLLER DOUBLE DRUM, WALK-BEHIND	8 HP	D-off		$17,378	9.04	2.07	2.78	0.68	0.32	19
	C10WC013	WDH 86-110(PAD)	34" WIDE X 20.5 DIA. VIB ROLLER HYDRAULIC, DOUBLE DRUM, WALK-BEHIND	12 HP	D-off		$36,185	18.60	4.32	5.79	1.42	0.48	28
C15	**CONCRETE BLASTERS**												
	0.00 CONCRETE BLASTERS												
			BLASTRAC										
	C15BL001	1-8D & SHOP VA	8" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECTOR (ADD 4KVA GEN)				$7,178	3.07	0.75	0.96	0.27	0.00	2
	C15BL002	1-8DP & 100-DC	8" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECTOR (ADD 5KVA GEN)				$15,374	6.20	1.62	2.05	0.59	0.00	4
	C15BL003	1-10D & 654-DC	10" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 30 KVA GEN)				$28,937	11.85	3.04	3.86	1.11	0.00	16
	C15BL004	1-15D & 654-DC	15" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 30 KVA GEN)				$38,123	15.38	4.00	5.08	1.46	0.00	17
	C15BL005	1-20D & 854-DC	20" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 75 KVA GEN)				$51,714	20.50	5.43	6.90	1.98	0.00	30
C20	**CONCRETE BUGGIES**												
	0.00 CONCRETE BUGGIES												
			AEROIL PRODUCTS										
	C20AE001	BUFFALO 800	WALK-BEHIND W/DUMP HOPPER, 800# CAP	5 HP	G		$2,669	1.61	0.32	0.43	0.10	0.45	3
			AMIDA-WHITEMAN (Formerly MULTIQUIP)										
	C20MU001	WBH-12	12 CF BUCKET, WALK & RIDE	8 HP	G		$6,866	3.52	0.78	1.01	0.27	0.73	18
	C20MU002	WBH-16E	16 CF BUCKET, WALK & RIDE	11 HP	G		$8,496	4.49	0.97	1.27	0.33	1.00	26

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C25	**CONCRETE FINISHERS**										
	0.00 CONCRETE FINISHERS										
		STOW									
C25ST001	36-H-804	ROTO-TROWEL - 36", 4-BLADED	8 HP G		$1,983	1.80	0.24	0.32	0.08	0.73	2
C25ST002	46-H-804	ROTO-TROWEL - 46", 4-BLADED	8 HP G		$2,162	1.87	0.26	0.35	0.08	0.73	2
		WACKER									
C25WC001	CT36A	POWER TROWEL, 36" DIAMETER	5 HP G		$1,757	1.32	0.21	0.28	0.07	0.45	2
C25WC002	CT48A	POWER TROWEL, 48" DIAMETER	8 HP G		$2,477	2.00	0.30	0.40	0.10	0.73	3
C35	**CONCRETE GUNITERS / SHOTCRETERS**										
	0.00 CONCRETE GUNITERS / SHOTCRETERS										
		ALLENTOWN									
C35AL001	R-450	BATCH MIXER FOR PNEUM GUN N-1, N-2 OR GR-600; 4-5 TON/HR. INCLUDES TRAILER, HOPPER & FEEDER. (ADD 365 CFM COMPRESSOR)	12 HP G		$18,656	7.52	1.79	2.21	0.68	1.18	33
C35AL002	R-900	BATCH MIXER FOR PNEUM GUN N-2, N-3, OR GR-1200; 9-10 TON/HR. INCLUDES TRAILER, HOPPER & FEEDER. (ADD 600 CFM COMPRESSOR)	20 HP G		$22,390	9.75	2.13	2.61	0.82	1.97	47
C35AL003	GR-600	ROTARY GUN 1-6 CY/HR INCL. 1-1/2" HOSE, (ADD COMPRESSOR)	550 CFM A		$11,313	3.74	1.07	1.32	0.41	0.00	8
C35AL004	GR-1200	ROTARY GUN 4-12 CY/HR INCL. 1-1/2" HOSE, (ADD COMPRESSOR)	770 CFM A		$23,288	7.68	2.25	2.79	0.85	0.00	18
C35AL005	HPR-12-10	CONTINUOUS MIX GUNNING RIG 12 CY/HR USE W/GR-600 GUN. INCLUDES HOPPER & FEEDER. INCLUDES TRAILER	18 HP D-off		$25,620	8.91	2.47	3.08	0.93	0.60	86
C35AL006	HPR-12-13	CONTINUOUS MIX GUNNING RIG 12 CY/HR USE W/N-1, N-2, N-3 GUNS. INCLUDES HOPPER & FEEDER. INCLUDES TRAILER	18 HP D-off		$28,657	9.87	2.77	3.45	1.04	0.60	87
C35AL007	N-1	PNEUMATIC GUN, 4 CY/HR (ADD 1-1/4" HOSE & COMPRESSOR)	450 CFM A		$13,959	4.69	1.36	1.70	0.51	0.00	12

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C35			***ALLENTOWN (continued)***										
	C35AL008	N-2	PNEUMATIC GUN, 6-8 CY/HR (ADD 1-1/2" HOSE AND COMPRESSOR)	600 CFM	A		$15,097	5.09	1.47	1.83	0.55	0.00	12
	C35AL009	N-3	PNEUMATIC GUN, 8-10 CY/HR (ADD 2" HOSE AND COMPRESSOR)	900 CFM	A		$16,645	5.68	1.62	2.02	0.61	0.00	13
	C35AL010	MODEL 30H	POWERCRETE - SHOTCRETE & CONCRETE PUMP 30 CY/HR, 950 PSI	40 HP	D-off		$40,625	14.66	3.93	4.90	1.48	1.34	25
	C35AL011	MODEL 40H	POWERCRETE - SHOTCRETE & CONCRETE PUMP 40 CY/HR, 950 PSI	67 HP	D-off		$46,128	17.61	4.47	5.57	1.68	2.25	45
			ALIVA										
	C35AV001	AL 305-1	HYDRAULIC SPRAYING ARM, SMALL UNIT (ADD TRUCK CHASIS)	10 HP	E		$64,360	23.58	6.26	7.82	2.35	0.75	33
	C35AV002	AL 305-5	HYDRAULIC SPRAYING ARM, LARGE UNIT (ADD TRUCK CHASIS)	10 HP	E		$75,571	27.64	7.35	9.18	2.76	0.75	44
	C35AV003	AL 451	SHOTCRETE REPAIR UNIT	55 HP	D-off		$65,799	25.34	6.38	7.96	2.40	1.85	49
	C35AV004	AL 260	DRY MIX SPRAYING MACHINE	33 CFM	A		$39,031	13.88	3.78	4.71	1.42	0.00	24
	C35AV005	AL 260	DRY MIX SPRAYING MACHINE	10 HP	E		$37,048	14.40	3.58	4.46	1.35	0.75	24
	C35AV006	AL 285	WET/DRY MIX SPRAYING MACHINE	20 HP	E		$62,016	23.97	6.01	7.49	2.26	1.50	33
C40	**CONCRETE / WASTE MIXERS**												
	0.00 CONCRETE / WASTE MIXERS												
			MAXON INDUSTRIES										
	C40MX001	36703	2 CY WASTE MIXER, TRAILER MOUNTED W/ HIGH PRESSURED WATER SYSTEM	18 HP	D-off		$24,582	10.38	2.85	3.78	0.96	0.56	43
	C40MX002	36704	BARREL LOADER - 1000 LB LIFT CAPACITY ATTACHMENT FOR 36703				$4,600	2.83	0.55	0.74	0.18	0.00	3
	C40MX003	MCII	4.5 CY WASTE MIXER, TRAILER MOUNTED	52 HP	D-off		$77,006	32.58	9.07	12.11	3.01	1.62	114
	C40MX004	MCII	10 CY WASTE MIXER, TRAILER MOUNTED	76 HP	D-off		$91,060	39.15	10.74	14.35	3.56	2.37	158
	C40MX005	MCIII	10 CY WASTE MIXER, TRAILER MOUNTED WITH 13 FT LONG X 24' BELT FEEDER	80 HP	D-off		$96,503	41.50	11.39	15.23	3.77	2.50	160
	C40MX006		12 CY AGITATOR (ADD TRK 64,000 GVW)				$38,489	17.06	4.59	6.16	1.51	0.00	84
	C40MX007		9 CY AGITATOR (ADD TRK 50,000 GVW)				$35,353	15.70	4.21	5.66	1.38	0.00	79

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		ROSS COMPANY										
C40RC001	4.5 CY TILT MIXE	4.5 CY CONCRETE DRUM-TYPE MIXER	40 HP	E		$109,855	50.13	13.09	17.58	4.30	2.80	34
C40RC002	6 CY TILT MIXER	6 CY CONCRETE DRUM-TYPE MIXER	60 HP	E		$123,565	58.05	14.72	19.77	4.83	4.20	45
C40RC003	8 CY TILT MIXER	8 CY CONCRETE DRUM-TYPE MIXER	80 HP	E		$139,160	66.72	16.58	22.27	5.44	5.60	60
C40RC004	10 CY TILT MIXE	10 CY CONCRETE DRUM-TYPE MIXER	100 HP	E		$151,261	75.01	18.02	24.20	5.92	7.00	75
C40RC005	12 CY TILT MIXE	12 CY CONCRETE DRUM-TYPE MIXER	120 HP	E		$160,177	81.04	19.09	25.63	6.27	8.40	90
		STOW										
C40ST001	CM4	4 C.F., PORTABLE	1 HP	E		$1,792	1.03	0.22	0.29	0.07	0.07	5
C40ST002	CM4	4 C.F., PORTABLE	5 HP	G		$1,986	1.41	0.24	0.32	0.08	0.45	4
C40ST003	CM6	6 C.F., PORTABLE	1 HP	E		$2,767	1.46	0.33	0.44	0.11	0.07	7
C40ST004	CM6	6 C.F., PORTABLE	8 HP	G		$2,988	2.20	0.36	0.48	0.12	0.73	7
C40ST005	CM9	9 C.F., PORTABLE	2 HP	E		$3,523	1.92	0.42	0.56	0.14	0.14	8
C40ST006	CM9	9 C.F., PORTABLE	8 HP	G		$3,576	2.43	0.43	0.57	0.14	0.73	8
C45	**CONCRETE PAVING MACHINES**											
0.00	**CONCRETE PAVING MACHINES**											
		GOMACO CORP.										
C45GO001	C-650-F	24' WIDE SLIPFORM PAVER, WITH 4' FINISHING CYLINDERS	45 HP	G		$38,656	15.32	2.95	3.07	1.41	4.42	91
C45GO002	C-650-S	24' WIDE SLIPFORM PAVER, WITH 4' FINISHING CYLINDERS, CRAWLER MTD	45 HP	G		$78,275	24.78	5.99	6.26	2.86	4.42	126
C45GO003	GP-1500	12' WIDE SLIPFORM PAVER 0-51 FT/MIN, CRAWLER MTD	107 HP	D-off		$140,741	38.39	10.77	11.26	5.14	3.60	280
C45GO004	GP-2000	16' WIDE SLIPFORM PAVER 0-38 FT/MIN, CRAWLER MTD	185 HP	D-off		$185,281	52.51	14.18	14.82	6.77	6.22	340
C45GO005	GP-2500	25' WIDE SLIPFORM PAVER 0-39 FT/MIN, CRAWLER MTD	265 HP	D-off		$262,719	74.55	20.10	21.02	9.59	8.90	500
C45GO006	GP-3500	42' SLIPFORM PAVER, 2 TRACK CRAWLER	234 HP	D-off		$367,838	98.27	28.15	29.43	13.43	7.86	900
C45GO007	GP-3500	42' SLIPFORM PAVER, 4 TRACK CRAWLER	234 HP	D-off		$437,250	114.84	33.46	34.98	15.97	7.86	1,150
C45GO008	GP-5000	50' SLIPFORM PAVER, 2 TRACK CRAWLER	454 HP	D-off		$663,211	178.61	50.75	53.06	24.22	15.25	1,320
C45GO009	GP-5000	50' SLIPFORM PAVER, 4 TRACK CRAWLER	454 HP	D-off		$731,695	194.96	55.99	58.54	26.72	15.25	1,500

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C55	**CONCRETE PUMPS**												
	0.00 CONCRETE PUMPS												
		MORGEN											
C55MO001	MUSTANG 25	25 CY/HOUR, TRAILER MOUNTED	30 HP	G			$23,585	12.11	2.10	2.49	0.85	3.70	29
C55MO002	MUSTANG 40	40 CY/HOUR, TRAILER MOUNTED	73 HP	D-off			$45,074	17.51	4.01	4.77	1.62	3.10	43
C55MO003	MUSTANG 50	50 CY/HOUR, TRAILER MOUNTED	110 HP	D-off			$51,153	21.40	4.55	5.42	1.84	4.66	48
C55MO004	MUSTANG 65	65 CY/HOUR, TRAILER MOUNTED	110 HP	D-off			$61,762	24.55	5.49	6.54	2.22	4.66	49
C55MO005	80N	80 CY/HOUR, TRAILER MOUNTED	160 HP	D-off			$108,167	41.11	9.57	11.36	3.89	6.78	122
C55MO006	11SN	100 CY/HOUR, TRAILER MOUNTED	210 HP	D-off			$113,348	45.46	10.03	11.91	4.07	8.90	127
C55MO007	212-841	72' VERTICAL BOOM, 65 CY/HR (ADD 23,100 GVW TRUCK)	210 HP	D-off	270 HP	D-on	$167,871	61.72	14.86	17.65	6.03	8.90	300
C55MO008	212-839	72' VERTICAL BOOM, 90 CY/HR (ADD 23,100 GVW TRUCK)	210 HP	D-off	270 HP	D-on	$177,950	64.74	15.70	18.59	6.40	8.90	300
C55MO009	212-838	92' VERTICAL BOOM, 115 CY/HR (ADD 41,300 GVW TRUCK)	270 HP	D-off	270 HP	D-on	$268,942	95.17	23.80	28.26	9.67	11.45	350
C55MO010	212-836	92' VERTICAL BOOM, 140 CY/HR (ADD 41,300 GVW TRUCK)	270 HP	D-off	270 HP	D-on	$274,928	96.94	24.33	28.89	9.88	11.45	360
C55MO011	212-837	105' VERTICAL BOOM, 115 CY/HR (ADD 41,300 GVW TRUCK)	270 HP	D-off	270 HP	D-on	$270,361	95.59	23.93	28.41	9.72	11.45	350
C55MO012	212-835	105' VERTICAL BOOM, 140 CY/HR (ADD 41,300 GVW TRUCK)	270 HP	D-off	270 HP	D-on	$275,919	97.24	24.42	29.00	9.92	11.45	360
C55MO013	217-760	100' VERTICAL BOOM, 140 CY/HR (ADD 41,300 GVW TRUCK)	270 HP	D-off	270 HP	D-on	$238,312	86.06	21.07	25.00	8.57	11.45	360
C55MO014	217-755	100' VERTICAL BOOM, 115 CY/HR (ADD 41,300 GVW TRUCK)	270 HP	D-off	270 HP	D-on	$232,940	84.46	20.59	24.43	8.37	11.45	360
		SCHWING AMERICA											
C55SC001	BPA 750 D-18R	69 CY/HR, 859 PSI, TRAILER MTD	68 HP	D-off			$56,375	20.59	5.02	5.97	2.03	2.88	57
C55SC002	BPA 2000HDD-20	117 CY/HR, 1,565 PSI, TRAILER MTD	177 HP	D-off			$129,412	48.39	11.48	13.66	4.65	7.50	115
C55SC003	BP 3001-18R	103 CY/HR, 2,098 PSI, TRAILER MTD	213 HP	D-off			$181,904	66.02	16.16	19.23	6.54	9.03	140
C55SC004	BP 5000HDD-18R	137 CY/HR, 2,098 PSI, TRAILER MTD	354 HP	D-off			$225,404	86.93	20.05	23.90	8.10	15.01	180
C55SC005	BPL 900/KVM 23	75' BOOM, 117 CY/HR, TRUCK MTD 1,565 PSI, WITH TRUCK	210 HP	D-on			$241,285	90.24	21.30	25.25	8.67	13.91	359

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C55			***SCHWING AMERICA (continued)***										
	C55SC006	BPL 900/KVM 28	92' BOOM, 117 CY/HR, TRUCK MTD 1,565 PSI, WITH TRUCK	210 HP	D-on		$309,056	110.38	27.33	32.43	11.11	13.91	470
	C55SC007	BPL 1200/KVM 32	105' BOOM, 171 CY/HR, TRUCK MTD 1,285 PSI, WITH TRUCK	230 HP	D-on		$379,912	133.22	33.57	39.82	13.66	15.24	480
	C55SC008	BPL 1200/KVM 36	118' BOOM, 171 CY/HR, TRUCK MTD 1,285 PSI, WITH TRUCK	230 HP	D-on		$462,860	157.86	40.95	48.61	16.64	15.24	620
	C55SC009	BPL 1200/KVM 42	138' BOOM, 196 CY/HR, TRUCK MTD 1,184 PSI, WITH TRUCK	350 HP	D-on		$596,138	208.04	52.82	62.77	21.43	23.19	730
C60	**CONCRETE SAWS**												
	0.00 CONCRETE SAWS												
			FELKER (Formerly FELKER / DRESSER)										
	C60FE001	FC 12	4" DEPTH OF CUT, 12" BLADE,HANDHELD	1 HP	G		$1,017	0.56	0.11	0.14	0.04	0.12	1
	C60FE002	FC 14	5" DEPTH OF CUT, 14" BLADE,HANDHELD	2 HP	G		$1,239	0.80	0.14	0.17	0.05	0.23	1
	C60FE003	11HDCC	4-5/8" DEPTH/CUT, 14" BLADE,COMPACT	11 HP	G		$2,045	2.55	0.22	0.27	0.08	1.29	3
	C60FE004	200KMRA-14	4-5/8" DEPTH/CUT, 14"BLADE,MIDRANGE	20 HP	G		$6,123	5.54	0.64	0.82	0.23	2.34	6
	C60FE005	200KMRA-18	6-5/8" DEPTH/CUT, 18"BLADE,MIDRANGE	20 HP	G		$6,224	5.58	0.66	0.83	0.24	2.34	6
			HOMELITE TEXTRON INC.										
	C60HO001	HWS814	5" DEPTH OF CUT, WALK-BEHIND	8 HP	G		$1,774	1.97	0.19	0.24	0.07	0.94	2
	C60HO002	HWS1414	5-3/4" DEPTH OF CUT, WALK-BEHIND	14 HP	G		$2,232	3.11	0.24	0.30	0.09	1.64	3
			LONGYEAR										
	C60LY003	800WR	5" DEPTH OF CUT, WALK-BEHIND	8 HP	G		$1,480	1.86	0.16	0.20	0.06	0.94	2
	C60LY006	815EB	5" DEPTH OF CUT, WALK-BEHIND	5 HP	E		$2,044	1.46	0.22	0.27	0.08	0.45	2
	C60LY007	1800W	5" DEPTH OF CUT, WALK-BEHIND	18 HP	G		$6,989	5.55	0.74	0.93	0.27	2.11	8

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C65	**CONCRETE VIBRATORS**											
	0.00 CONCRETE VIBRATORS											
		WACKER										
C65WC001	IRE 57/240/180	HI-FREQ INTERNAL,2-1/4"HD(ADD GEN)	1 HP	E		$1,564	1.78	0.22	0.31	0.06	0.07	1
C65WC002	IRE 65/240/180	HI-FREQ INTERNAL,2-1/2"HD(ADD GEN)	2 HP	E		$1,632	1.97	0.24	0.33	0.07	0.13	1
		NO SPECIFIC MANUFACTURER										
C65XX001	A-25010	2.5" DIA. HEAD (ADD COMPRESSOR)	40 CFM	A		$996	1.05	0.14	0.20	0.04	0.00	1
C65XX002	A-30010	3.0" DIA. HEAD (ADD COMPRESSOR)	64 CFM	A		$1,267	1.33	0.18	0.25	0.05	0.00	1
C65XX003	A-35010	3.5" DIA. HEAD (ADD COMPRESSOR)	82 CFM	A		$1,403	1.49	0.20	0.28	0.06	0.00	1
C65XX004	A-450SH	4.5" DIA. HEAD (ADD COMPRESSOR)	110 CFM	A		$1,560	1.67	0.22	0.31	0.06	0.00	1
C65XX005	A-600SH	6.0" DIA. HEAD (ADD COMPRESSOR)	125 CFM	A		$2,417	2.54	0.34	0.48	0.10	0.00	1
C75	**CRANES, HYDRAULIC, SELF-PROPELLED**											
	0.00 CRANES, HYDRAULIC, SELF-PROPELLED											
		BADGER DIVISION, BADGER CONSTRUCTION EQUIPMENT COMPANY										
C75BA001	4445	45 TON, ROUGH TERRAIN, 4WD	197 HP	D-off		$392,244	76.32	24.90	22.76	13.52	6.62	781
C75BA002	4455	55 TON ROUGH TERRAIN, 4WD	197 HP	D-off		$397,161	76.94	25.28	23.17	13.69	6.62	792
		BRODERSON										
C75BD001	IC-80-1D	8.5 TON YARD CRANE	64 HP	G		$71,387	20.66	4.60	4.27	2.46	6.29	144
C75BD002	RT-80-3C	9.0 TON ROUGH TERRAIN, 4WD	97 HP	G		$89,733	28.27	5.77	5.36	3.09	9.53	160
C75BD003	RT-200-3A	13.6 TON ROUGH TERRAIN, 4WD	97 HP	G		$110,392	31.89	7.07	6.52	3.81	9.53	289
		GROVE WORLDWIDE (Includes GROVE & MANLIFT)										
C75GV001	RT418	18 TON, ROUGH TERRAIN, 4WD	105 HP	D-off		$197,770	38.42	12.65	11.66	6.82	3.53	383
C75GV002	RT420	20 TON, ROUGH TERRAIN, 4WD	105 HP	D-off		$197,770	38.42	12.65	11.66	6.82	3.53	383
C75GV003	RT422	22 TON, ROUGH TERRAIN, 4WD	105 HP	D-off		$197,770	38.42	12.65	11.66	6.82	3.53	383

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
C75			***GROVE WORLDWIDE (Includes GROVE & MANLIFT) (continued)***										
	C75GV004	RT58B	15 TON, ROUGH TERRAIN, 4WD	125 HP	D-off		$197,568	39.10	12.69	11.75	6.81	4.20	441
	C75GV005	RT58C	18 TON, ROUGH TERRAIN, 4WD	125 HP	D-off		$197,568	39.10	12.69	11.75	6.81	4.20	441
	C75GV006	RT58D	20 TON, ROUGH TERRAIN, 4WD	125 HP	D-off		$197,568	39.10	12.69	11.75	6.81	4.20	441
	C75GV007	RT58E	22 TON, ROUGH TERRAIN, 4WD	125 HP	D-off		$208,644	40.95	13.40	12.42	7.19	4.20	441
	C75GV008	RT522C	22 TON, ROUGH TERRAIN, 4WD	125 HP	D-off		$238,377	47.39	14.93	13.42	8.22	4.20	513
	C75GV009	RT525C	25 TON, ROUGH TERRAIN, 4WD	125 HP	D-off		$238,377	47.39	14.93	13.42	8.22	4.20	513
	C75GV010	RT528C	28 TON, ROUGH TERRAIN, 4WD	125 HP	D-off		$238,377	47.39	14.93	13.42	8.22	4.20	513
	C75GV011	RT630B	30 TON, ROUGH TERRAIN, 4WD	125 HP	D-off		$279,494	54.24	17.60	15.91	9.64	4.20	537
	C75GV012	RT740B	40 TON, ROUGH TERRAIN, 4WD	177 HP	D-off		$375,660	71.24	24.00	22.09	12.95	5.95	655
	C75GV013	RT745	45 TON, ROUGH TERRAIN, 4WD	177 HP	D-off		$428,185	81.42	27.23	24.94	14.76	5.95	787
	C75GV014	RT760	60 TON, ROUGH TERRAIN, 4WD	195 HP	D-off		$494,866	93.26	31.58	29.03	17.06	6.55	858
	C75GV015	RT875	75 TON, ROUGH TERRAIN, 4WD	230 HP	D-off		$575,126	108.39	36.75	33.83	19.83	7.73	112
	C75GV016	RT990	90 TON, ROUGH TERRAIN, 4WD	250 HP	D-off		$744,030	137.40	46.93	42.55	25.65	8.40	1,364
			LINK BELT										
	C75LB001	RTC 8020	20 TON, ROUGH TERRAIN, 4x4x4	105 HP	D-off		$208,183	40.02	13.33	12.29	7.18	3.53	373
	C75LB002	RTC 8028	28 TON, ROUGH TERRAIN, 4x4x4	130 HP	D-off		$250,000	48.73	15.82	14.40	8.62	4.37	521
	C75LB003	HSP 8035	35 TON, ROUGH TERRAIN. 4x4x4	205 HP	D-off		$401,909	77.89	25.53	23.34	13.86	6.89	751
	C75LB004	HSP 8040	40 TON, ROUGH TERRAIN, 4x4x4	205 HP	D-off		$402,800	78.05	25.59	23.40	13.89	6.89	751
	C75LB005	HSP 8050	50 TON, ROUGH TERRAIN, 4x4x4	205 HP	D-off		$416,534	80.08	26.57	24.41	14.36	6.89	780
	C75LB006	HSP 8060	60 TON, ROUGH TERRAIN, 4x4x4	205 HP	D-off		$473,663	89.80	30.21	27.75	16.33	6.89	866
			LORAIN										
	C75LO001	LRT-150D	15 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$238,034	46.43	15.22	14.01	8.21	4.37	477
	C75LO002	LRT-180D	18 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$238,050	46.43	15.22	14.01	8.21	4.37	478
	C75LO003	LRT-200D	20 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$239,109	46.61	15.28	14.08	8.24	4.37	478
	C75LO004	LRT-230D	23 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$239,298	46.64	15.30	14.09	8.25	4.37	490
	C75LO005	LRT-250D	25 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$237,966	46.42	15.21	14.01	8.20	4.37	510
	C75LO006	LRT-275D	27.5 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$248,972	48.26	15.92	14.68	8.58	4.37	520
	C75LO008	LRT-30D	35 TON, ROUGH TERRAIN, 4WD	152 HP	D-off		$278,808	54.62	17.75	16.27	9.61	5.11	550

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		PPM / P&H (Formerly P & H / HARNISCHFEGER)										
C75PH001	CN 115	15 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$227,825	44.57	14.60	13.48	7.86	4.37	455
C75PH002	CN 118	18 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$238,078	46.27	15.26	14.10	8.21	4.37	438
C75PH003	CN 120	20 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$238,093	46.27	15.26	14.10	8.21	4.37	439
C75PH004	CN 122	22 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$243,093	47.11	15.59	14.41	8.38	4.37	440
C75PH005	CN 125	25 TON, ROUGH TERRAIN, 4WD	130 HP	D-off		$245,155	47.62	15.68	14.45	8.45	4.37	500
C75PH006	CN 30	30 TON, ROUGH TERRAIN, 4WD	155 HP	D-off		$286,092	55.58	18.33	16.93	9.86	5.21	550
C75PH007	CN 35	35 TON, ROUGH TERRAIN, 4WD	155 HP	D-off		$287,266	55.77	18.40	17.00	9.90	5.21	560
C75PH012	CN 150	50 TON, ROUGH TERRAIN, 4WD	200 HP	D-off		$403,009	78.29	25.60	23.39	13.90	6.72	788
C75PH013	CN 165	65 TON, ROUGH TERRAIN, 4WD	228 HP	D-off		$517,196	98.62	32.99	30.31	17.83	7.66	955
C75PH014	CN 25	25 TON, ROUGH TERRAIN, 4WD	155 HP	D-off		$285,878	55.55	18.32	16.92	9.86	5.21	533
C75PH015	CN 140	40 TON, ROUGH TERRAIN, 4WD	177 HP	D-off		$348,924	68.22	22.09	20.11	12.03	5.95	720
		TADANO										
C75TD002	TR-250XL	25 TON, ROUGH TERRAIN, 4WD	180 HP	D-off		$241,203	49.19	15.44	14.23	8.32	6.05	518
C75TD003	TR-300XL	30 TON, ROUGH TERRAIN, 4WD	180 HP	D-off		$282,187	56.07	18.08	16.69	9.73	6.05	537
C75TD004	TR-450XL	45 TON, ROUGH TERRAIN, 4WD	180 HP	D-off		$439,909	83.19	28.09	25.83	15.17	6.05	843
C75TD005	TR-600XL	60 TON, ROUGH TERRAIN, 4WD	180 HP	D-off		$492,895	92.39	31.41	28.84	16.99	6.05	933
C80	**CRANES, HYDRAULIC, TRUCK MOUNTED**											
0.01	**UNDER 26 TON**											
		GROVE WORLDWIDE (Includes GROVE & MANLIFT)										
C80GV001	TMS-522	22 TON, WITH 70' BOOM, 6X4WD	175 HP	D-off		$248,502	44.54	16.00	14.86	8.57	5.04	444
		LINK BELT (FMC)										
C80LI001	HTC-814	14 TON, WITH 80' BOOM, 6X4	200 HP	D-off		$298,359	53.06	19.21	17.84	10.29	5.76	486
C80LI002	HTC-825S	25 TON, WITH 80' BOOM, 6X4	205 HP	D-off		$268,945	48.88	17.31	16.07	9.27	5.90	499
		PALFINGER (Austria)										
C80PA001	PK 2500	1 TON, MAX BOOM 20' (ADD TRUCK)				$15,013	2.34	0.98	0.91	0.52	0.00	9
C80PA002	PK 3700	2.5 TON, MAX BOOM 29'5" (ADD TRUCK)				$19,090	2.95	1.24	1.16	0.66	0.00	14

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C80			*PALFINGER (Austria) (continued)*									
	C80PA003	PK 10500	4.5 TON, MAX BOOM 52'1" (ADD TRUCK)			$34,271	5.20	2.22	2.08	1.18	0.00	29
	C80PA004	PK 12500	3.5 TON, MAX BOOM 62' (ADD TRUCK)			$40,400	6.26	2.62	2.45	1.39	0.00	37
	C80PA005	PK 14500	7 TON, MAX BOOM 72'2" (ADD TRUCK)			$52,321	8.04	3.39	3.18	1.80	0.00	41
	C80PA006	PK 22000	8 TON, MAX BOOM 75'2" (ADD TRUCK)			$73,520	11.19	4.76	4.46	2.53	0.00	60
	C80PA007	PK 30000	10.5 TON, MAX BOOM 81'4" (ADD TRUCK)			$92,862	14.58	6.02	5.64	3.20	0.00	83
	C80PA008	PK 45000	15.5 TON, MAX BOOM 78'9" (ADD TRUCK)			$122,241	18.95	7.92	7.42	4.21	0.00	113
	C80PA009	PK 75000	20 TON, MAX BOOM 98'1" (ADD TRUCK)			$188,961	29.15	12.26	11.47	6.52	0.00	141
			PPM / P&H (Formerly P & H / HARNISCHFEGER)									
	C80PH001	CN T-250	25 TON, WITH 80' BOOM	210 HP D-off		$301,062	53.87	19.39	18.02	10.38	6.05	492
	0.02	**26 TON THRU 65 TON**										
			GROVE WORLDWIDE (Includes GROVE & MANLIFT)									
	C80GV002	TMS-527.5	27.5 TON, WITH 70' BOOM, 6X4WD	175 HP D-off		$255,898	43.36	15.47	13.39	8.77	5.04	447
	C80GV003	TMS-528B	28 TON, WITH 80' BOOM, 6X4WD	185 HP D-off		$273,050	46.20	16.50	14.30	9.35	5.33	466
	C80GV004	TMS-250C	35 TON, WITH 80' BOOM, 6X4WD	185 HP D-off		$309,532	51.39	18.72	16.23	10.60	5.33	494
	C80GV005	TMS-300B	40 TON, WITH 104' BOOM, 8X4WD	205 HP D-off		$361,542	59.74	21.81	18.86	12.38	5.90	718
	C80GV006	TMS-475	50 TON, WITH 84' BOOM, 8X4WD	205 HP D-off		$416,904	67.62	25.18	21.80	14.28	5.90	744
	C80GV007	TMS-760	60 TON, WITH 115' BOOM, 8X4WD	251 HP D-off		$501,928	81.46	30.34	26.30	17.19	7.23	856
			LINK BELT (FMC)									
	C80LI003	HTC-830	30 TON WITH 80' BOOM, 6X4	200 HP D-off		$300,110	50.64	18.14	15.71	10.28	5.76	505
	C80LI004	HTC-835	35 TON WITH 101' BOOM, 6X4	210 HP D-off		$320,998	53.98	19.40	16.82	10.99	6.05	525
	C80LI005	HTC-840	40 TON WITH 110' BOOM, 8X4	240 HP D-off		$386,216	64.57	23.32	20.17	13.23	6.91	721
	C80LI006	HTC-850	50 TON WITH 110' BOOM, 8X4	234 HP D-off		$411,421	67.95	24.84	21.50	14.09	6.74	730
	C80LI007	HTC-860	60 TON WITH 110' BOOM, 8X4	234 HP D-off		$436,918	71.63	26.39	22.83	14.97	6.74	767
			PPM / P&H (Formerly P & H / HARNISCHFEGER)									
	C80PH002	CN T-300	30 TON WITH 100' BOOM	210 HP D-off		$309,221	52.16	18.73	16.28	10.59	6.05	523
	C80PH003	CN T-350	35 TON WITH 110' BOOM	210 HP D-off		$309,246	52.16	18.73	16.28	10.59	6.05	525
	C80PH006	CN T-500	50 TON WITH 110' BOOM	250 HP D-off		$422,098	70.06	25.50	22.08	14.46	7.20	773
	C80PH007	CN T-650	65 TON WITH 126' BOOM	350 HP D-off		$501,544	85.12	30.33	26.30	17.18	10.08	868

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
0.03	**66 TON THRU 125 TON**												
		GROVE WORLDWIDE (Includes GROVE & MANLIFT)											
C80GV008	TMS-875	75 TON, WITH 114' BOOM, 8X4WD	251 HP	D-off			$554,478	86.70	31.64	25.54	18.87	7.23	1,008
C80GV009	TM-880	80 TON, WITH 114' BOOM, 8X4WD	200 HP	D-off	310 HP	D-on	$626,739	97.58	35.86	29.05	21.33	8.09	1,104
C80GV010	TM-890	90 TON, WITH 114' BOOM , 8X4WD	200 HP	D-off	304 HP	D-on	$630,246	98.26	35.99	29.10	21.44	8.04	1,205
0.04	**OVER 125 TON**												
		GROVE WORLDWIDE (Includes GROVE & MANLIFT)											
C80GV011	TM-1300	130 TON, WITH 140' BOOM, 12X6WD	163 HP	D-off	335 HP	D-on	$951,288	137.99	51.98	39.54	32.21	7.20	1,672
C80GV012	TM-1500	150 TON, WITH 173' BOOM, 12X6WD	163 HP	D-off	391 HP	D-on	1,176,637	168.48	64.40	49.12	39.84	7.62	1,921
C85	**CRANES, MECHANICAL, CRAWLER MOUNTED**												
0.11	**DRAGLINE, CLAMSHELL, 0 THRU 1 CY**												
		NORTHWEST											
C85NO001	50-D/5030	1.0 CY,DRAGLINE/CLAM (ADD BUCKET) 40' BOOM,15'-4"CRAWLERS W/30" SHOES	190 HP	D-off			$350,097	72.12	24.59	24.80	12.19	4.26	930
		PPM / P&H (Formerly P & H / HARNISCHFEGER)											
C85PH001	320H	.75 CY,DRAGLINE/CLAM (ADD BUCKET) 50'BOOM, 13'-7" CRAWLERS W/30"SHOES	93 HP	D-off			$179,378	36.82	12.61	12.71	6.25	2.08	580
0.12	**DRAGLINE, CLAMSHELL, OVER 1 CY THRU 2-1/2 CY**												
		AMERICAN CRANE CORPORATION											
C85AM002	5220	2.00 CY DRAGLINE/CLAM (ADD BUCKET) WITH 65' BOOM	125 HP	D-off			$466,337	83.82	30.24	28.31	16.08	2.80	910
		NORTHWEST											
C85NO002	50-D/5035	1.25 CY,DRAGLINE/CLAM (ADD BUCKET) 50' BOOM,15'-4"CRAWLERS W/30" SHOES	190 HP	D-off			$354,187	66.65	22.96	21.50	12.21	4.26	932

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C85			***NORTHWEST (continued)***										
	C85NO003	50-D/5050	2.0 CY,DRAGLINE/CLAM (ADD BUCKET) 60' BOOM,15'-4"CRAWLERS W/30" SHOES	238 HP	D-off		$416,972	78.92	27.04	25.32	14.38	5.33	957
	C85NO004	70-D/7060	2.5 CY,DRAGLINE/CLAM (ADD BUCKET) 50' BOOM,19'-0"CRAWLERS W/30" SHOES	238 HP	D-off		$586,712	107.99	38.04	35.62	20.23	5.33	1,425
			PPM / P&H (Formerly P & H / HARNISCHFEGER)										
	C85PH002	C-65	2.00 CY,DRAGLINE/CLAM (ADD BUCKET) 90'BOOM, 18'-2" CRAWLERS W/30"SHOES	130 HP	D-off		$397,562	72.20	25.78	24.14	13.71	2.91	1,171
	0.13		**DRAGLINE, CLAMSHELL, OVER 2-1/2 CY THRU 5 CY**										
			AMERICAN CRANE CORPORATION										
	C85AM003	9225	4.50 CY DRAGLINE/CLAM (ADD BUCKET) WITH 95' BOOM	289 HP	D-off		$926,556	158.14	56.35	49.22	31.74	6.47	2,650
			MANITOWOC										
	C85MA001	3900 VICON	3.5 CY,DRAGLINE/CLAM (ADD BUCKET) 100'BOOM, 20'-4"CRAWLERS W/38"SHOES	287 HP	D-off		$655,656	114.24	39.88	34.83	22.46	6.43	2,306
	C85MA002	4100W VICON #1	5.0 CY,DRAGLINE/CLAM (ADD BUCKET) 130'BOOM, 26'-6"CRAWLERS W/48"SHOES	360 HP	D-off		1,102,685	188.65	67.06	58.58	37.77	8.06	3,788
			NORTHWEST										
	C85NO005	70-D/7080	3.5 CY,DRAGLINE/CLAM (ADD BUCKET) 80' BOOM,19'-0"CRAWLERS W/30" SHOES	238 HP	D-off		$690,617	118.51	42.01	36.69	23.66	5.33	1,497
	C85NO006	95-D/9570-WT	4.0 CY,DRAGLINE/CLAM (ADD BUCKET) 50' BOOM,19'-0"CRAWLERS W/38" SHOES	304 HP	D-off		$655,221	114.64	39.85	34.81	22.44	6.81	1.580
			PPM / P&H (Formerly P & H / HARNISCHFEGER)										
	C85PH003	5100	3.00 CY,DRAGLINE/CLAM (ADD BUCKET) 105'BOOM,21'-6" CRAWLERS W/36"SHOES	188 HP	D-off		$705,378	119.48	42.90	37.47	24.16	4.21	1,485
	C85PH004	C-120	4.00 CY,DRAGLINE/CLAM (ADD BUCKET) 115'BOOM,24'-0" CRAWLERS W/36"SHOES	260 HP	D-off		$659,041	114.01	40.08	35.01	22.57	5.82	2,203
	C85PH005	C-165	5.00 CY,DRAGLINE/CLAM (ADD BUCKET) 135'BOOM,26'-3"CRAWLERS W/42"SHOES	260 HP	D-off		$870,770	148.29	52.96	46.26	29.83	5.82	2,510

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
0.14 DRAGLINE, CLAMSHELL, OVER 5 CY											
		AMERICAN CRANE CORPORATION									
C85AM004	12220	37.5 TON CLAMSHELL (ADD BUCKET) 120' STD BOOM, 32'-3"CRAWLERS W/60"SHOES	900 HP D-off		2,900,895	473.82	167.21	136.99	98.71	20.16	6,670
C85AM005	12220	23 TON DRAGLINE (ADD BUCKET) 140' STD BOOM, 32'-3"CRAWLERS W/60"SHOES	900 HP D-off		2,936,497	479.31	169.26	138.67	99.92	20.16	6,566
		MANITOWOC									
C85MA003	4600 VICON #3	7.0 CY,DRAGLINE/CLAM (ADD BUCKET) 140'BOOM,26'-1"CRAWLERS W/60"SHOES	685 HP D-off		1,747,158	289.46	100.70	82.50	59.45	15.34	5,100
		NORTHWEST									
C85NO007	190-D	6.5 CY,DRAGLINE (ADD BUCKET) 85'BOOM, 21'-1"CRAWLERS W/60" SHOES	456 HP D-off		$880,898	149.12	50.77	41.60	29.97	10.21	2,740
0.21 LIFTING, 0 THRU 25 TON											
		PPM / P&H (Formerly P & H / HARNISCHFEGER)									
C85PH006	320H	25 TON LIFTING CRANE WITH 50' BOOM 13'-7" CRAWLERS WITH 30" SHOES	93 HP D-off		$179,754	31.51	12.11	11.75	6.23	1.64	610
0.22 LIFTING, 26 TON THRU 50 TON											
		AMERICAN CRANE CORPORATION									
C85AM007	5220	45 TON LIFTCRANE WITH 65' BOOM 16'-0" CRAWLERS WITH 36" SHOES	125 HP D-off		$479,424	76.45	30.07	27.17	16.48	2.20	1,020
		LINK BELT									
C85LB002	LS-98D	40 TON LIFTING CRANE W/50' BOOM 16'-9" CRAWLERS W/30" SHOES	120 HP D-off		$333,739	53.93	20.93	18.91	11.47	2.11	830
C85LB003	LS-108D	45 TON LIFTING CRANE W/50' BOOM 16'-9" CRAWLERS W/30" SHOES	120 HP D-off		$362,871	58.40	22.75	20.56	12.47	2.11	850
C85LB004	LS-110C	50 TON LIFTING CRANE W/50' BOOM 18'-5" CRAWLERS W/30" SHOES	120 HP D-off		$377,147	60.60	23.65	21.37	12.96	2.11	1,100

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
		NORTHWEST										
C85NO008	50-D/5030	30 TON LIFTING CRANE W/40' BOOM 15'-4" CRAWLERS W/30" SHOES	190 HP	D-off		$320,653	53.44	20.11	18.17	11.02	3.34	869
C85NO009	50-D/5035	35 TON LIFTING CRANE W/50' BOOM 15'-4" CRAWLERS W/30" SHOES	190 HP	D-off		$323,256	53.84	20.27	18.32	11.11	3.34	872
C85NO010	50-D/5050	50 TON LIFTING CRANE W/60' BOOM 15'-4" CRAWLERS W/30" SHOES	238 HP	D-off		$414,967	68.98	26.02	23.51	14.26	4.19	952
0.23	**LIFTING, 51 TON THRU 150 TON**											
		AMERICAN CRANE CORPORATION										
C85AM008	5299A	60 TON LIFTCRANE WITH 75' BOOM 17'-6" CRAWLERS WITH 36" SHOES	125 HP	D-off		$550,024	80.03	31.71	25.97	18.72	2.20	1,160
C85AM009	5300	70 TON LIFTCRANE WITH 160' BOOM 17'-6" CRAWLERS WITH 36" SHOES	125 HP	D-off		$570,266	82.87	32.87	26.93	19.40	2.20	1,290
C85AM010	7225	85 TON LIFTCRANE WITH 160' BOOM 18'-7" CRAWLERS WITH 38" SHOES	213 HP	D-off		$791,576	115.91	45.62	37.38	26.93	3.75	1,480
C85AM011	9225	150 TON LIFTCRANE WITH 190' BOOM 23'-9" CRAWLERS WITH 44" SHOES	289 HP	D-off		1,047,260	153.51	60.36	49.45	35.63	5.09	2,750
		LINK BELT										
C85LB005	LS-138H	75 TON LIFTING CRANE W/150' BOOM 19'-5" CRAWLERS W/36" SHOES	195 HP	D-off		$503,082	74.99	29.00	23.76	17.12	3.43	1,445
C85LB006	LS-208H	75 TON LIFTING CRANE W/200' BOOM 19'-5" CRAWLERS W/36" SHOES	250 HP	D-off		$618,078	92.36	35.63	29.19	21.03	4.40	1,865
C85LB007	LS-218H	100 TON LIFTING CRANE W/230' BOOM 21'-4" CRAWLERS W/36" SHOES	247 HP	D-off		$756,356	111.73	43.60	35.72	25.74	4.35	2,235
		MANITOWOC										
C85MA004	3900 VICON	100 TON LIFTING CRANE W/210' BOOM 20'-4" CRAWLERS W/38" SHOES	287 HP	D-off		$719,750	107.47	41.49	33.99	24.49	5.05	2,354
C85MA005	3900W VICON #2	140 TON LIFTING CRANE W/250' BOOM 24'-0" CRAWLERS W/48" SHOES	300 HP	D-off		$850,580	126.13	49.03	40.17	28.94	5.28	2,815

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		NORTHWEST									
C85NO011	70-D/7060	60 TON LIFTING CRANE W/50' BOOM 19'-0" CRAWLERS W/30" SHOES	238 HP D-off		$577,597	86.42	33.29	27.28	19.65	4.19	1,403
C85NO012	70-D/7080	80 TON LIFTING CRANE W/160' BOOM 19'-0" CRAWLERS W/30" SHOES	238 HP D-off		$709,504	104.94	40.89	33.50	24.14	4.19	1,524
C85NO013	95-D/9570-WT	60 TON LIFTING CRANE W/50' BOOM 19'-0" CRAWLERS W/38" SHOES	304 HP D-off		$646,198	97.51	37.25	30.51	21.99	5.35	1,565
C85NO014	190-D	100 TON LIFTING CRANE W/170' BOOM 21'-1" CRAWLERS W/60" SHOES	456 HP D-off		$910,827	138.05	52.50	43.01	30.99	8.03	2,872
		PPM / P&H (Formerly P & H / HARNISCHFEGER)									
C85PH007	C-65	65 TON LIFTING CRANE W/180' BOOM 18'-2" CRAWLERS WITH 30" SHOES	130 HP D-off		$426,949	62.85	24.61	20.16	14.53	2.29	1,352
C85PH008	5100	100 TON LIFTING CRANE W/210' BOOM 21'-6" CRAWLERS WITH 36" SHOES	188 HP D-off		$776,276	113.21	44.74	36.66	26.41	3.31	1,880
C85PH009	C-120	120 TON LIFTING CRANE W/230' BOOM 24'-0" CRAWLERS WITH 36" SHOES	260 HP D-off		$683,669	101.80	39.40	32.28	23.26	4.58	2,340
0.24	**LIFTING, OVER 150 TON**										
		AMERICAN CRANE CORPORATION									
C85AM012	9310-A	225 TON LIFTING CRANE W/280' BOOM 26'-6" CRAWLERS WITH 44" SHOES	279 HP D-off		1,201,145	169.61	66.20	51.05	40.67	4.91	3,790
C85AM013	9320	250 TON LIFTING CRANE W/280' BOOM 28'-2" CRAWLERS WITH 50" SHOES	279 HP D-off		1,366,170	192.03	75.28	58.06	46.25	4.91	4,050
C85AM014	10320	350 TON LIFTING CRANE W/280' BOOM 31'-4" CRAWLERS WITH 50" SHOES	519 HP D-off		2,570,925	361.25	141.67	109.26	87.04	9.13	5,510
C85AM015	11320	450 TON LIFTING CRANE W/280' BOOM 26'-9" CRAWLERS WITH 60" SHOES	519 HP D-off		2,988,218	417.99	164.67	127.00	101.17	9.13	6,860
		LINK BELT									
C85LB008	LS-918	400 TON LIFTING CRANE W/340' BOOM 34'-10" CRAWLERS W/60" SHOES	600 HP D-off		2,914,743	409.83	160.62	123.88	98.68	10.56	6,783
C85LB009	LS-1018	500 TON LIFTING CRANE W/340' BOOM 38'-6" CRAWLERS W/60" SHOES	600 HP D-off		3,475,747	486.10	191.54	147.72	117.68	10.56	8,021
C85LB010	LS-718	250 TON LIFTING CRANE W/250' BOOM 27'6" CRAWLERS W/50" SHOES	450 HP D-off		1,403,386	200.95	77.33	59.64	47.51	7.92	5,156

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C85			*LINK BELT (continued)*											
	C85LB011	LS-818	300 TON LIFTING CRANE W/300' BOOM 31'6" CRAWLERS W/50" SHOES	450 HP	D-off			1,671,726	237.44	92.13	71.05	56.60	7.92	5,758
			MANITOWOC											
	C85MA006	4100W VICON #1	200 TON LIFTING CRANE W/260' BOOM 26'-6" CRAWLERS W/48" SHOES	360 HP	D-off			1,183,476	169.05	65.22	50.30	40.07	6.34	3,929
	C85MA007	4600 VICON #3	240 TON LIFTING CRANE W/260' BOOM 26'-1" CRAWLERS W/60" SHOES	685 HP	D-off			1,862,143	268.65	102.62	79.14	63.05	12.06	5,200
			PPM / P&H (Formerly P & H / HARNISCHFEGER)											
	C85PH010	C-165	165 TON LIFTING CRANE W/270' BOOM 26'-3" CRAWLERS WITH 42" SHOES	260 HP	D-off			$940,011	133.68	51.81	39.95	31.83	4.58	3,333
	C85PH011	DELTA 5250	250 TON LIFTING CRANE W/290' BOOM 30'-5" CRAWLERS WITH 48" SHOES	328 HP	D-off			1,234,744	175.27	68.04	52.48	41.80	5.77	4,373
C90	**CRANES, MECHANICAL, TRUCK MOUNTED**													
	0.02 26 TON THRU 65 TON													
			LINK BELT (FMC)											
	C90LI001	HC-78B	35 TON WITH 100' BOOM	84 HP	D-off	205 HP	D-on	$463,445	71.78	27.99	24.24	15.87	3.96	773
	C90LI002	HC-108D	50 TON WITH 150' BOOM	110 HP	D-off	318 HP	D-on	$607,565	94.93	36.62	31.61	20.81	5.56	1,197
	0.03 66 TON THRU 125 TON													
			AMERICAN CRANE CORPORATION											
	C90AM001	5530	75 TON WITH 170' BOOM	128 HP	D-off	238 HP	D-on	$784,007	115.86	44.90	36.43	26.68	5.48	1,245
	C90AM002	7150	125 TON WITH 240' BOOM	330 HP	D-off	330 HP	D-on	$988,034	152.47	56.61	45.97	33.62	11.98	1,900
			LINK BELT (FMC)											
	C90LI003	HC-218A	100 TON WITH 220' BOOM	200 HP	D-off	318 HP	D-on	$904,416	135.97	51.80	42.05	30.77	8.15	1,688

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
0.04 OVER 125 TON													
		AMERICAN CRANE CORPORATION											
C90AM003	8470	180 TON WITH 240' BOOM	268 HP	D-off	305 HP	D-on	1,348,348	193.20	74.10	56.89	45.65	10.01	2,520
C90AM004	9530	220 TON WITH 260' BOOM	268 HP	D-off	450 HP	D-on	1,757,221	251.36	96.14	73.30	59.49	11.10	3,480
		LINK BELT (FMC)											
C90LI004	HC-238B	140 TON WITH 230' BOOM	165 HP	D-off	318 HP	D-on	1,025,824	147.06	56.23	43.00	34.73	7.14	2,220
C90LI005	HC-268	250 TON WITH 310' BOOM	314 HP	D-off	440 HP	D-on	1,631,973	235.09	89.48	68.46	55.25	12.34	2,852
		PPM / P&H (Formerly P & H / HARNISCHFEGER)											
C90PH001	9150	150 TON WITH 270' BOOM	210 HP	D-off	315 HP	D-on	$980,422	142.69	53.72	41.07	33.19	8.41	1,805
C90PH002	6250TC	300 TON WITH 320' BOOM	378 HP	D-off	450 HP	D-on	1,989,718	285.31	109.16	83.60	67.36	14.27	3,928
C95	**CRANES, TOWER**												
0.00 CRANES, TOWER													
		LIEBHERR											
C95LH001	88 HC	FREE STANDING TOWER CRANE 12 @ 8'2" TOWER SECTIONS, 132 FT HOOK HEIGHT, 148 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 4,190#, MAXIMUM CAPACITY = 13,230#	62 HP	E			$403,165	65.48	23.23	17.92	14.27	4.03	805
C95LH002	88 HC	BOTTOM CLIMB TOWER CRANE 9 @ 8'2" TOWER SECTIONS, 100 FT HOOK HEIGHT, 148 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 4,190#, MAXIMUM CAPACITY = 13,230#	62 HP	E			$441,962	70.86	25.46	19.64	15.64	4.03	701
C95LH003	132 HC	FREE STANDING TOWER CRANE 13 @ 8'2" TOWER SECTIONS, 140 FT HOOK HEIGHT, 164 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 4,850#, MAXIMUM CAPACITY = 17,635#	94 HP	E			$506,752	83.17	29.19	22.52	17.93	6.11	950

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C95			*LIEBHERR (continued)*										
	C95LH004	132 HC	BOTTOM CLIMB TOWER CRANE 9 @ 8'2" TOWER SECTIONS, 100 FT HOOK HEIGHT, 164 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 4,850#, MAXIMUM CAPACITY = 17,635#	94 HP	E		$533,940	86.95	30.76	23.73	18.89	6.11	801
	C95LH005	200 HC	FREE STANDING TOWER CRANE 9 @ 13'7" TOWER SECTIONS, 163 FT HOOK HEIGHT, 197 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 5,070#, MAXIMUM CAPACITY = 22,045#	121 HP	E		$706,848	114.80	40.72	31.42	25.01	7.87	1,296
	C95LH006	200 HC	BOTTOM CLIMB TOWER CRANE 9 @ 13'7" TOWER SECTIONS, 147 FT HOOK HEIGHT, 197 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 5,070#, MAXIMUM CAPACITY = 22,045#	121 HP	E		$791,030	126.51	45.57	35.16	27.99	7.87	1,207
	C95LH007	281 HC	FREE STANDING TOWER CRANE 9 @ 13'7" TOWER SECTIONS, 175 FT HOOK HEIGHT, 230 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,165#, MAXIMUM CAPACITY = 26,455#	122 HP	E		$924,556	145.16	53.26	41.09	32.71	7.93	1,654
	C95LH008	281 HC	BOTTOM CLIMB TOWER CRANE 9 @ 13'7" TOWER SECTIONS, 150 FT HOOK HEIGHT, 230 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 26,455#	122 HP	E		$996,611	155.18	57.41	44.29	35.26	7.93	1,504
	C95LH009	290 HC	FREE STANDING TOWER CRANE 10 @ 13'7" TOWER SECTIONS, 188 FT HOOK HEIGHT, 230 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 26,455#	122 HP	E		$967,557	151.14	55.73	43.00	34.23	7.93	1,741
	C95LH010	290 HC	BOTTOM CLIMB TOWER CRANE 9 @ 13'7" TOWER SECTIONS, 150 FT HOOK HEIGHT, 230 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 26,455#	122 HP	E		1,020,753	158.55	58.81	45.37	36.12	7.93	1,516
	C95LH011	390 HC	FREE STANDING TOWER CRANE 10 @ 19' TOWER SECTIONS, 199 FT HOOK HEIGHT, 246 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 35,275#	167 HP	E		1,343,303	209.05	77.38	59.70	47.53	10.86	2,826

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
C95			*LIEBHERR (continued)*										
	C95LH012	390 HC	BOTTOM CLIMB TOWER CRANE 9 @ 19' TOWER SECTIONS, 199 FT HOOK HEIGHT, 246 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 6,615#, MAXIMUM CAPACITY = 35,275#	167 HP	E		1,523,330	234.08	87.75	67.70	53.90	10.86	2,397
	C95LH013	550 HC	FREE STANDING TOWER CRANE 12 @ 19' TOWER SECTIONS, 237 FT HOOK HEIGHT, 265 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 7,720#, MAXIMUM CAPACITY = 44,090#	170 HP	E		1,570,681	240.97	90.47	69.81	55.57	11.05	3,248
	C95LH014	550 HC	BOTTOM CLIMB TOWER CRANE 9 @ 19' TOWER SECTIONS, 199 FT HOOK HEIGHT, 265 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 7,720#, MAXIMUM CAPACITY = 44,090#	170 HP	E		1,663,034	253.81	95.80	73.91	58.84	11.05	2,848
	C95LH015	550 HC-L	FREE STANDING LUFFING TOWER CRANE 5 @ 19' TOWER SECTIONS, 191 FT HOOK HEIGHT, 197 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 15,000#, MAXIMUM CAPACITY = 70,550#	200 HP	E		2,545,333	381.60	146.63	113.13	90.06	13.00	3,721
	C95LH016	550 HC-L	BOTTOM CLIMB LUFFING TOWER CRANE 6 @ 19' TOWER SECTIONS, 187 FT HOOK HEIGHT, 197 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 15,000#, MAXIMUM CAPACITY = 70,550#	200 HP	E		2,934,998	435.78	169.07	130.44	103.85	13.00	3,896
	C95LH017	24K	SELF-ERECTING TOWER CRANE 66 FT HOOK HEIGHT, 75 FT MAX HOOK RADIUS, CAPACITY AT MAX HOOK RAD = 1,875#, MAXIMUM CAPACITY = 3,860#	17 HP	E		$119,726	20.41	6.90	5.32	4.24	1.11	403
	C95LH018	30K	SELF-ERECTING TOWER CRANE 66 FT HOOK HEIGHT, 98 FT MAX HOOK RADIUS, CAPACITY AT MAX HOOK RAD = 1,935#, MAXIMUM CAPACITY = 6,615#	19 HP	E		$156,509	25.74	9.02	6.96	5.54	1.24	584
	C95LH019	66K	SELF-ERECTING TOWER CRANE 5 @ 7'10" TOWER SECTIONS, 105 FT HOOK HEIGHT, 131 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 3,040#, MAXIMUM CAPACITY = 11,025#	33 HP	E		$343,715	53.22	19.80	15.28	12.16	2.15	1,085

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
C95			*LIEBHERR (continued)*										
	C95LH020	77K	SELF-ERECTING TOWER CRANE 5 @ 7'10" TOWER SECTIONS, 105 FT HOOK HEIGHT, 139 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 2,670#, MAXIMUM CAPACITY = 13,230#	35 HP	E		$373,777	57.61	21.54	16.61	13.23	2.28	1,249
	C95LH021	97K	SELF-ERECTING TOWER CRANE 5 @ 7'10" TOWER SECTIONS, 105 FT HOOK HEIGHT, 148 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 3,970#, MAXIMUM CAPACITY = 26,455#	35 HP	E		$544,871	81.40	31.39	24.22	19.28	2.28	1,593
	C95LH022	140K	SELF-ERECTING TOWER CRANE STATION. 8 @ 9'10" TOWER SECTIONS, 146 FT HOOK HEIGHT, 180 FT MAX HOOK RADIUS CAPACITY AT MAX HOOK RAD = 3,525#, MAXIMUM CAPACITY = 22,045#	65 HP	E		$693,448	106.16	39.95	30.82	24.54	4.23	1,836
D10	**DRILLS, AIR TRACK, CRAWLER MOUNTED**												
	0.00 DRILLS, AIR TRACK, CRAWLER MOUNTED												
			GARDNER DENVER INDUSTRIAL MACHINERY										
	D10GD001	ATD3800S/PR55A	3.5" HOLE, 12' FEED (ADD COMPR)	600 CFM	A		$101,978	25.09	7.80	8.16	3.72	0.00	92
	D10GD002	ATD3800SPR123J	4.0" HOLE, 12' FEED (ADD COMPR)	750 CFM	A		$103,904	25.55	7.95	8.31	3.79	0.00	91
	D10GD003	ATD3800S/PR66B	4.0" HOLE, 12' FEED (ADD COMPR)	900 CFM	A		$107,163	26.32	8.20	8.57	3.91	0.00	93
	D10GD004	ATD3800T/PR55A	ANGLE DRILL, 3.5" HOLE, 20' FEED (ADD COMPRESSOR)	600 CFM	A		$111,151	27.33	8.50	8.89	4.06	0.00	123
	D10GD005	ATD3800TPR123J	ANGLE DRILL, 4.0" HOLE, 20' FEED (ADD COMPRESSOR)	750 CFM	A		$113,242	27.82	8.66	9.06	4.13	0.00	124
	D10GD006	ATD3800T/PR66B	ANGLE DRILL, 4.0" HOLE, 20' FEED (ADD COMPRESSOR)	900 CFM	A		$116,398	28.58	8.90	9.31	4.25	0.00	125
	D10GD007	SCH2500	HYDRAULIC DRILL, 12' CHAIN FEED	152 HP	D-off		$196,810	54.18	15.06	15.74	7.19	5.47	144
	D10GD008	SCH3500BV1	HYDRAULIC DRILL, 12' CHAIN FEED	223 HP	D-off		$279,819	77.37	21.42	22.39	10.22	8.03	125
			INGERSOLL-RAND										
	D10IN001	ECM360/EVL130H	HYDRA DRILL 2.5-4.0" HOLE, 12'FEED	215 HP	D-off		$207,765	59.82	15.90	16.62	7.59	7.74	220
	D10IN002	ECM350/VL671	3.0-4.0" HOLE 12'FEED (ADD COMPR)	900 CFM	A		$130,308	31.89	9.97	10.42	4.76	0.00	131
	D10IN003	ECM350/VL140	2.5-4.0" HOLE 12'FEED (ADD COMPR)	750 CFM	A		$115,660	28.35	8.84	9.25	4.22	0.00	129

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		SULLIVAN										
D10SU001	MAVRICK, VCR35	2.5" HOLE, 12' FEED ADD 450 CFM COMPRESSOR	450 CFM	A		$44,259	11.04	3.39	3.54	1.62	0.00	60
D10SU002	RAM STD, VCR36	2.5"-4.0" HOLE,12' FEED ADD 750 CFM COMPRESSOR	600 CFM	A		$117,295	28.75	8.97	9.38	4.28	0.00	149
D10SU003	RAM EXT, VCR36	3.0"-4.0" HOLE,12' FEED (ADD COMPR) ADD 900 CFM COMPRESSOR	850 CFM	A		$122,906	30.09	9.40	9.83	4.49	0.00	205
D10SU004	MUSTANG, VCR2	4.0"-5.5" HOLE,20' FEED (ADD COMPR) ADD 900 CFM COMPRESSOR	1,200 CFM	A		$169,513	41.30	12.97	13.56	6.19	0.00	255
D15	**DRILLS, BORING MACHINES**											
	0.00 DRILLS, BORING MACHINES											
		BOR-IT										
D15BI001	16	16" DIA. AUGER, 40-FT LONG W/DIRTHD	10 HP	G		$8,221	3.31	0.63	0.66	0.30	1.05	18
D15BI002	20	20" DIA. AUGER, 40-FT LONG W/DIRTHD	16 HP	G		$10,338	4.64	0.80	0.83	0.38	1.67	21
D15BI003	24	24" DIA. AUGER, 40-FT LONG W/DIRTHD	31 HP	D-off		$18,318	5.64	1.41	1.47	0.67	1.12	49
D15BI004	30	30" DIA. AUGER, 40-FT LONG W/DIRTHD	45 HP	D-off		$29,689	8.87	2.27	2.38	1.08	1.62	70
D15BI005	36	36" DIA. AUGER, 40-FT LONG W/DIRTHD	65 HP	D-off		$40,063	12.17	3.07	3.21	1.46	2.34	90
D15BI006	48	48" DIA. AUGER, 40-FT LONG W/DIRTHD	90 HP	D-off		$67,027	19.47	5.13	5.36	2.45	3.24	170
D15BI007	60	60" DIA. AUGER, 40-FT LONG W/DIRTHD	165 HP	D-off		$96,123	29.64	7.36	7.69	3.51	5.94	250
D20	**DRILLS, CORE, COLUMN MOUNTED**											
	0.00 DRILLS, CORE, COLUMN MOUNTED											
		ACKER DRILL CO. INC.										
D20AD001	610-E	4" DIA. MAX CORE HOLE	1 HP	E		$2,604	1.02	0.23	0.26	0.10	0.08	1
D20AD002	930-E	9" DIA. MAX CORE HOLE	2 HP	E		$3,221	1.36	0.28	0.32	0.12	0.16	2
D20AD003	1050-E	10" DIA. MAX CORE HOLE	3 HP	E		$5,150	2.05	0.45	0.52	0.19	0.24	3
D20AD004	1080-E	10" DIA. MAX CORE HOLE	11 HP	E		$11,775	5.48	1.03	1.18	0.44	0.88	6

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
D25	**DRILLS, CORE, SKID MOUNTED**											
0.00 DRILLS, CORE, SKID MOUNTED												
		ACKER DRILL CO. INC.										
D25AD001	ACE,MODEL C	NX, 400' MAX DRILL DEPTH	20 HP	D-off		$31,910	8.53	2.45	2.55	1.17	0.72	35
D25AD002	TEREDO MARK-II	NX, 1000' MAX DRILL DEPTH	48 HP	D-off		$43,253	12.53	3.31	3.46	1.58	1.73	45
D25AD003	BUSH MASTER	NX, 900' MAX DRILL DEPTH	52 HP	D-off		$51,813	14.75	3.97	4.15	1.89	1.87	45
		DEMOLITION TECHNOLOGIES										
D25DE001	M	POWER PACK PLUS DOWELING UNIT SKID MOUNTED	20 HP	D-off		$18,311	5.28	1.40	1.46	0.67	0.72	3
		E-Z DRILL										
D25EZ001	210 HORIZONTAL	HORIZONTAL DOWELLING ASSEMBLY WITH DRILL DEPTH MAXIMUM 18" ADD 100 CFM COMPRESSOR, 18-25 PSI				$5,885	1.90	0.45	0.47	0.21	0.00	3
D25EZ002	210 MOBILE	HORIZONTAL DOWELLING ASSEMBLY W/MOBILE ASSEMBLY, 18" MAX DEPTH ADD 100 CFM COMPRESSOR. 18-25 PSI				$6,165	1.97	0.47	0.47	0.23	0.00	3
D25EZ003	210 VERTICAL	HORIZONTAL DOWELLING ASSEMBLY W/VERTICAL CONVERSION KIT, 18" MAX ADD 100 CFM COMPRESSOR. 5-9 PSI				$6,091	1.95	0.46	0.47	0.22	0.00	3
D25EZ004	210-3	DOWELING MACHINE, SELF-PROPELLED ASSEMBLY, DRILL DEPTH 18" MAX ADD 100 CFM COMPRESSOR. 18-25 PSI				$23,615	6.83	1.79	1.86	0.86	0.00	10
D25EZ005	210-3 L&T	DOWELING MACHINE, SELF-PROPELLED WITH LIFT AND TRAVEL ASSEMBLY DRILL DEPTH 18" MAX ADD 100 CFM COMPRESSOR. 18-25 PSI				$25,783	7.39	1.96	2.03	0.94	0.00	12
		SPRAGUE AND HENWOOD										
D25SP001	37	NWG-NWM, 400' MAX	30 HP	G		$20,509	8.62	1.57	1.64	0.75	3.14	16
D25SP002	37-H	NWG-NWM, 500' MAX	23 HP	G		$22,155	8.15	1.70	1.77	0.81	2.41	18
D25SP003	40-CL	NWX, 1050' MAX, MECHANICAL	40 HP	G		$33,121	12.86	2.54	2.65	1.21	4.18	34
D25SP004	40-CLH	NWX, 1050' MAX, HYDRAULIC	46 HP	G		$36,664	14.46	2.81	2.93	1.34	4.81	43

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
D25			***SPRAGUE AND HENWOOD (continued)***											
	D25SP005	142-HD	NWXL, 2500' MAX	91 HP	G			$47,473	22.63	3.63	3.80	1.73	9.52	42
	D25SP006	20 MF	AWG/AWM 180' MAX, WITH TRAILER	35 HP	D-off			$28,090	8.31	2.14	2.22	1.03	1.26	59
	D25SP007	20 MH	NWG/NWM 140' MAX, WITH TRAILER	47 HP	D-off			$34,910	10.48	2.66	2.77	1.27	1.69	98
D30	**DRILLS, EARTH/AUGER**													
	0.00 DRILLS, EARTH/AUGER													
			DEMOLITION TECHNOLOGIES											
	D30DE002	HMM55	MOBILE DRILL PKG, SELF-CONTAINED	30 HP	D-off			$28,813	8.34	2.19	2.27	1.05	1.08	20
			HYDRAULIC POWER SYSTEMS											
	D30HD001	H-15	HYDRAULIC AUGER W/60'- 8"X21" LEADS 15,000 FT-LBS TORQUE, (ADD CRANE)	210 HP	D-off			$76,969	30.40	5.89	6.16	2.81	7.56	137
	D30HD002	H-35VT	HYDRAULIC AUGER W/60'- 8"X26" LEADS 33,000 FT-LBS TORQUE, (ADD CRANE)	270 HP	D-off			$133,911	47.84	10.25	10.71	4.89	9.72	163
	D30HD003	H-50VT	HYDRAULIC AUGER W/60'-10"X37" LEADS 50,000 FT-LBS TORQUE, (ADD CRANE)	335 HP	D-off			$153,504	56.62	11.74	12.28	5.60	12.06	291
			MOBILE DRILL											
	D30MR001	MINUTEMAN	DRILL W/AUGER KIT, 347 FT-LB TORQUE PORTABLE	7 HP	G			$6,206	2.50	0.48	0.50	0.23	0.73	4
	D30MR002	B-24 SURVEYOR	DRILL W/AUGER KIT, 710 FT-LB TORQUE SKID-MOUNTED	24 HP	G			$17,124	7.55	1.32	1.37	0.63	2.51	20
	D30MR003	B-31	HYDRAULIC AUGER, 3,275 FT-LB TORQUE TRAILER MOUNTED	95 HP	G			$29,810	20.81	2.26	2.34	1.09	9.94	42
	D30MR004	B-34	HYDRAULIC AUGER, 3,275 FT-LB TORQUE TRAILER MOUNTED	105 HP	D-off			$36,319	13.70	2.76	2.86	1.33	3.78	55
	D30MR005	B-53	MULTI-PURPOSE, 5,955 FT-LBS TORQUE WITH 21,000 GVW TRUCK W/PTO DRIVE	164 HP	G			$65,270	39.33	4.93	5.09	2.38	17.15	120
	D30MR006	B-57	MULTI-PURPOSE, 7,000 FT-LBS TORQUE WITH 21,000 GVW TRUCK	120 HP	G	164 HP	G	$71,857	38.27	5.43	5.62	2.62	15.24	130
	D30MR007	B-61HDX	MULTI-PURPOSE, 8,900 FT-LBS TORQUE WITH 44,300 GVW TRUCK	120 HP	G	216 HP	G	$121,536	51.28	9.24	9.59	4.44	16.09	205

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
D35	**DRILLS, ROTARY BLAST HOLE**											
	0.11 DIESEL OR GASOLINE, 0" THRU 11" DIAMETER HOLE											
		GARDNER DENVER INDUSTRIAL MACHINERY										
D35GD001	RDC-16B	3" TO 5-1/8" HOLES, CRAWLER MTD	131 HP	D-off		$233,066	48.78	15.00	13.32	8.34	4.72	310
D35GD002	GD-25C	5-1/8" TO 7-3/8" HOLES, CRWLR MTD	250 HP	D-off		$242,151	56.61	15.58	13.84	8.66	9.00	550
D35GD003	GD-35B	6" TO 8-3/4" HOLES, CRAWLER MOUNTED	250 HP	D-off		$308,876	68.61	19.88	17.65	11.05	9.00	550
D35GD004	GD-45C	6-3/4" TO 9" HOLES, CRAWLER MOUNTED	325 HP	D-off		$382,804	85.82	24.64	21.87	13.70	11.70	775
		INGERSOLL-RAND										
D35IN001	DM-25	6 3/4" DRILLMASTER, CRAWLER MOUNTED	450 HP	D-off		$395,218	94.56	25.43	22.58	14.14	16.20	500
D35IN002	T4-BH	7-7/8" DRILLMASTER, TRUCK MOUNTED	530 HP	D-off	240 HP D-on	$536,933	127.90	34.41	30.40	19.21	20.88	550
D35IN003	TH-60	16" WATER WELL DRILL, TRUCK MOUNTED	475 HP	D-off		$414,974	100.26	26.59	23.48	14.85	17.10	460
		LETOURNEAU (Formerly ROBBINS)										
D35RO001	RRT 35	6-1/4" TO 8-0" HOLE, TRUCK MOUNTED	400 HP	D-off		$364,277	87.31	23.30	20.53	13.03	14.40	600
D35RO002	RRT 60	6-3/4" TO 9-7/8" HOLE,TRUCK MOUNTED	350 HP	D-off	225 HP D-on	$548,409	120.99	35.05	30.85	19.62	14.29	1,000
D35RO003	RR10S	6-3/4" TO 9" HOLE, MTD ON D9N CRWLR	370 HP	D-off		$448,601	100.00	28.87	25.63	16.05	13.32	1,160
D35RO004	RR10HD	6-3/4" TO 10 5/8" HOLE, MTD ON D9N	370 HP	D-off		$501,957	109.60	32.30	28.68	17.96	13.32	1,340
D35RO005	RRC 50	6-1/4" TO 9-7/8" HOLE, CRAWLER MTD	400 HP	D-off		$421,393	96.68	27.12	24.08	15.08	14.40	1,030
	0.12 DIESEL OR GASOLINE, OVER 11" DIAMETER											
		LETOURNEAU (Formerly ROBBINS)										
D35RO006	RR10XHD	9-7/8" TO 12-1/4" HOLE, MTD ON FD50	525 HP	D-off		$737,802	134.86	42.51	32.79	26.11	18.90	1,830
F10	**FORK LIFTS**											
	0.00 FORK LIFTS											
		CATERPILLAR, INC.										
F10CA001	M25D	2500# @ 24" LOAD CENTER	18 HP	E		$25,096	7.06	1.91	1.97	0.92	1.17	65

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
F10			*CATERPILLAR, INC. (continued)*										
	F10CA002	MC30D	3000# @ 24" LOAD CENTER	18 HP	E		$25,752	7.20	1.95	2.01	0.94	1.17	65
	F10CA003	MC40D	4000# @ 24" LOAD CENTER	32 HP	E		$28,070	9.08	2.12	2.20	1.02	2.08	71
	F10CA004	M50D	5000# @ 24" LOAD CENTER	32 HP	E		$31,653	9.83	2.40	2.48	1.16	2.08	95
	F10CA005	MC60D-SA	6000# @ 24" LOAD CENTER	47 HP	E		$37,188	12.49	2.82	2.92	1.36	3.06	105
	F10CA006	M70B	7000# @ 24" LOAD CENTER	53 HP	E		$45,349	14.82	3.43	3.54	1.66	3.45	134
	F10CA007	M80B	8000# @ 24" LOAD CENTER	53 HP	E		$47,449	15.23	3.59	3.72	1.73	3.45	142
	F10CA008	M100B	10000# @ 24" LOAD CENTER	53 HP	E		$49,613	15.69	3.77	3.92	1.81	3.45	160
	F10CA009	V30D	3000# @ 24" LOAD CENTER	37 HP	G		$23,669	8.97	1.80	1.88	0.86	3.12	61
	F10CA010	V40D	4000# @ 24" LOAD CENTER	48 HP	G		$27,201	10.91	2.04	2.10	0.99	4.05	88
	F10CA011	V50D	5000# @ 24" LOAD CENTER	48 HP	G		$29,095	11.34	2.17	2.22	1.06	4.05	95
	F10CA012	V60E	6000# @ 24" LOAD CENTER	63 HP	G		$42,036	15.68	3.18	3.29	1.53	5.32	117
	F10CA013	V70E	7000# @ 24" LOAD CENTER	63 HP	G		$42,513	15.77	3.21	3.32	1.55	5.32	125
	F10CA014	V80E	8000# @ 24" LOAD CENTER	63 HP	G		$44,236	16.14	3.35	3.46	1.62	5.32	131
	F10CA015	V110	11000# @ 24" LOAD CENTER	66 HP	D-off		$62,963	15.69	4.77	4.93	2.30	1.90	180
	F10CA016	V150	15000# @ 24" LOAD CENTER	70 HP	D-off		$67,871	16.86	5.14	5.32	2.48	2.02	201
	F10CA017	V180B	18000# @ 24" LOAD CENTER	125 HP	D-off		$88,368	23.25	6.64	6.82	3.23	3.60	250
	F10CA018	V200B	20000# @ 24" LOAD CENTER	125 HP	D-off		$96,469	24.94	7.26	7.47	3.52	3.60	273
	F10CA019	V250B	25000# @ 24" LOAD CENTER	125 HP	D-off		$103,841	26.45	7.85	8.12	3.79	3.60	342
	F10CA020	V300B	30000# @ 24" LOAD CENTER	125 HP	D-off		$108,020	27.41	8.07	8.27	3.94	3.60	372
	F10CA021	R40	4000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP	D-off		$42,017	11.37	3.14	3.21	1.53	1.96	107
	F10CA022	R50	5000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP	D-off		$42,908	11.57	3.22	3.29	1.57	1.96	112
	F10CA023	R60	6000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP	D-off		$51,228	13.31	3.85	3.95	1.87	1.96	127
	F10CA024	R80	8000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP	D-off		$53,158	13.76	3.94	3.99	1.94	1.96	138
			HYSTER (Lift Trucks) & HYPAC (Compaction Equipment)										
	F10HY008	H440FS	47000# CAP @ 48" LOAD CENTER, PS	215 HP	D-off		$202,851	50.73	15.22	15.61	7.41	6.19	636
			JCB (Korea)										
	F10JC001	930	6000#, ROUGH TERRAIN, 4x4	74 HP	D-off		$48,012	12.86	3.58	3.65	1.75	2.13	143
	F10JC002	940	8000#, ROUGH TERRAIN, 4x4	74 HP	D-off		$55,781	14.52	4.17	4.25	2.04	2.13	155

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
G10 GENERATOR SETS												
0.10 PORTABLE												
		HOMELITE TEXTRON INC.										
G10HO001	HG2500A	2.3 KW	5 HP	G		$921	0.75	0.08	0.10	0.03	0.42	1
G10HO002	HG3500	3.0 KW	7 HP	G		$1,211	1.04	0.11	0.13	0.04	0.59	2
G10HO003	EH5500HD	5.0 KW	11 HP	E		$1,075	0.97	0.10	0.11	0.04	0.72	2
G10HO004	180R162	5.5 KW	11 HP	G		$2,346	1.73	0.21	0.25	0.08	0.93	2
		KOHLER										
G10KH001	2.25MBM25	2.25 KW	5 HP	G		$960	0.76	0.08	0.10	0.03	0.42	1
G10KH002	3.5MM65	3.50 KW	8 HP	G		$1,149	1.13	0.10	0.12	0.04	0.68	2
G10KH003	5MM65	5.00 KW	11 HP	G		$1,474	1.53	0.13	0.16	0.05	0.93	2
		ONAN										
G10ON001	2.5LK-3M	2.5 KW, 120/240V	5 HP	G		$2,926	1.22	0.27	0.31	0.11	0.42	2
G10ON002	4.0CCK-3CP	4.0 KW, 120/240V	10 HP	G		$3,848	1.98	0.35	0.41	0.14	0.84	4
G10ON003	5.0CCK-3CP	5.0 KW, 120/240V	10 HP	G		$4,256	2.07	0.38	0.45	0.15	0.84	4
G10ON004	10.0CCKB-3CP	10.0 KW, 120/240V	20 HP	G		$4,997	3.33	0.45	0.53	0.18	1.69	4
0.20 SKID MOUNTED												
		CATERPILLAR, INC.										
G10CA001	3304	100 KW, 240/480V	156 HP	D-off		$21,785	10.22	1.70	1.85	0.77	4.49	34
G10CA002	3306	165 KW, 240/480V	241 HP	D-off		$27,284	14.50	2.12	2.32	0.96	6.94	49
G10CA003	3306	180 KW, 240/480V	269 HP	D-off		$27,777	15.63	2.16	2.36	0.98	7.75	52
G10CA004	3406	225 KW, 240/480V	332 HP	D-off		$31,013	18.62	2.41	2.64	1.09	9.56	64
G10CA005	3406	250 KW, 240/480V	368 HP	D-off		$33,458	20.45	2.60	2.84	1.18	10.60	68
G10CA006	3408	365 KW, 240/480V	530 HP	D-off		$54,472	30.73	4.24	4.63	1.92	15.26	88
G10CA007	3412	425 KW, 240/480V	615 HP	D-off		$61,900	35.40	4.81	5.26	2.18	17.71	91
G10CA008	3412	545 KW, 240/480V	784 HP	D-off		$82,338	45.83	6.40	7.00	2.90	22.58	102
G10CA009	3508	650 KW, 240/480V	932 HP	D-off		$109,196	56.80	8.49	9.28	3.85	26.84	170

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
G10			*CATERPILLAR, INC. (continued)*										
	G10CA010	3512	910 KW, 240/480V	1,299 HP	D-off		$142,696	77.22	11.10	12.13	5.03	37.41	225
	G10CA011	3516	1275 KW, 240/480V	1,814 HP	D-off		$213,286	110.70	16.59	18.13	7.52	52.24	278
			ONAN										
	G10ON005	6.5NH-3CR	6.5 KW, 120/240V	14 HP	G		$4,868	2.50	0.38	0.41	0.17	1.18	3
	G10ON006	7.5JB-3CR	7.5 KW, 120/240V	15 HP	G		$5,528	2.76	0.43	0.47	0.19	1.27	5
	G10ON007	7.5DKD-3CE	7.5 KW, 120/240V	15 HP	D-off		$6,999	1.98	0.55	0.59	0.25	0.43	5
	G10ON008	3.0DJA-3CR	3.O KW, 120/240V	6 HP	D-off		$5,158	1.28	0.40	0.44	0.18	0.17	4
	G10ON009	6.0DJE-18R	6.0 KW, RECONNECTIBLE	12 HP	D-off		$6,989	1.88	0.55	0.59	0.25	0.35	5
	G10ON010	12.0DJC-3CR	12.0 KW, 120/240V	22 HP	D-off		$10,087	2.88	0.79	0.86	0.36	0.63	7
	G10ON011	15RDJC	15.0 KW, DUAL PHASE	27 HP	D-off		$10,716	3.20	0.84	0.91	0.38	0.78	14
	G10ON012	20DL4-15R	20.0 KW, RECONNECTIBLE	33 HP	D-off		$11,365	3.55	0.89	0.97	0.40	0.95	12
	G10ON013	30DDL6-15R	30.0 KW, RECONNECTIBLE	50 HP	D-off		$12,182	4.35	0.95	1.04	0.43	1.44	16
	G10ON014	40DL6T-15R	40.0 KW, RECONNECTIBLE	65 HP	D-off		$13,262	5.12	1.04	1.13	0.47	1.87	15
	G10ON015	50DL6B-15R	50.0 KW, RECONNECTIBLE	87 HP	D-off		$14,857	6.26	1.15	1.26	0.52	2.51	18
	G10ON016	60DVB-15R	60.0 KW, RECONNECTIBLE	118 HP	D-off		$15,618	7.56	1.22	1.33	0.55	3.40	20
	G10ON017	75DVB-15R	75.0 KW, RECONNECTIBLE	118 HP	D-off		$18,035	8.05	1.41	1.53	0.64	3.40	20
	G10ON018	100DVC-15R	100.0 KW, RECONNECTIBLE	155 HP	D-off		$20,576	9.94	1.61	1.75	0.73	4.46	28
	G10ON019	125DVD-15R	125.0 KW, RECONNECTIBLE	191 HP	D-off		$23,553	11.88	1.83	2.00	0.83	5.50	30
	G10ON020	150DVE-15R	150.0 KW, RECONNECTIBLE	227 HP	D-off		$27,122	13.95	2.12	2.31	0.96	6.54	33
G15	**GRADERS, MOTOR**												
	0.00 GRADERS, MOTOR												
			CATERPILLAR, INC.										
	G15CA001	120-G	ARTICULATED FRAME, POWERSHIFT	125 HP	D-off		$150,723	31.17	10.24	9.22	5.63	3.30	252
	G15CA002	130-G	ARTICULATED FRAME, POWERSHIFT	135 HP	D-off		$178,955	36.47	12.18	10.98	6.69	3.56	266
	G15CA003	12-G	ARTICULATED FRAME, POWERSHIFT	135 HP	D-off		$190,205	38.46	12.95	11.67	7.11	3.56	287
	G15CA004	140-G	ARTICULATED FRAME, POWERSHIFT	150 HP	D-off		$194,278	39.76	13.21	11.90	7.26	3.96	291
	G15CA005	14-G	ARTICULATED FRAME, POWERSHIFT	200 HP	D-off		$282,533	57.37	19.12	17.12	10.56	5.28	398
	G15CA006	16-G	ARTICULATED FRAME, POWERSHIFT	275 HP	D-off		$403,437	81.58	27.26	24.38	15.07	7.26	528

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
		CHAMPION ROAD MACHINERY INTERNATIONAL										
G15CH001	710A	ARTICULATED FRAME	135 HP	D-off		$141,046	29.92	9.55	8.56	5.27	3.56	283
G15CH002	720A	ARTICULATED FRAME	153 HP	D-off		$153,760	32.77	10.43	9.37	5.74	4.04	318
G15CH003	730A	ARTICULATED FRAME	187 HP	D-off		$169,305	36.79	11.49	10.31	6.33	4.94	338
G15CH004	740A	ARTICULATED FRAME	210 HP	D-off		$186,148	40.56	12.63	11.36	6.95	5.54	361
G15CH005	750A	ARTICULATED FRAME	200 HP	D-off		$204,993	43.82	13.80	12.27	7.66	5.28	388
G15CH006	780A	ARTICULATED FRAME	200 HP	D-off		$235,398	49.12	15.88	14.17	8.79	5.28	421
G15CH007	710R	RIGID FRAME	135 HP	D-off		$133,252	28.53	9.03	8.09	4.98	3.56	283
G15CH008	720R	RIGID FRAME	153 HP	D-off		$141,273	30.60	9.58	8.59	5.28	4.04	318
G15CH009	730R	RIGID FRAME	187 HP	D-off		$155,200	34.33	10.52	9.43	5.80	4.94	338
G15CH010	740R	RIGID FRAME	210 HP	D-off		$175,636	38.74	11.92	10.71	6.56	5.54	361
		FIATALLIS NORTH AMERICA INC.										
G15FI001	FG75A	ARTICULATED FRAME, POWERSHIFT	135 HP	D-off		$139,778	29.65	9.48	8.52	5.22	3.56	317
G15FI002	FG85A	ARTICULATED FRAME, POWERSHIFT	155 HP	D-off		$147,851	31.82	10.02	8.99	5.52	4.09	320
G15FI003	FG95A	ARTICULATED FRAME, POWERSHIFT	165 HP	D-off		$156,514	33.87	10.56	9.42	5.85	4.36	332
G15FI004	FG65B	RIGID FRAME, POWERSHIFT	68 HP	D-off		$84,847	17.59	5.72	5.09	3.17	1.80	137
G15FI005	FG75	RIGID FRAME, POWERSHIFT/TC	135 HP	D-off		$130,029	27.95	8.82	7.91	4.86	3.56	309
G15FI006	FG85	RIGID FRAME, POWERSHIFT/TC	155 HP	D-off		$137,172	29.99	9.28	8.31	5.12	4.09	313
G15FI007	FG95	RIGID FRAME, POWERSHIFT/TC	165 HP	D-off		$146,995	32.21	9.90	8.83	5.49	4.36	325
		GALION (Formerly GALION/DRESSER)										
G15GI002	830	ARTICULATED FRAME, POWERSHIFT	144 HP	D-off		$152,313	32.17	10.35	9.31	5.69	3.80	268
G15GI004	850	ARTICULATED FRAME, POWERSHIFT	166 HP	D-off		$164,404	35.16	11.15	10.01	6.14	4.38	291
G15GI006	870	ARTICULATED FRAME, POWERSHIFT	204 HP	D-off		$176,525	38.68	11.98	10.76	6.60	5.39	314
		JOHN DEERE										
G15JD001	570B	ARTICULATED FRAME, POWER SHIFT	90 HP	D-off		$118,770	24.30	8.05	7.22	4.44	2.38	205
G15JD002	670B	ARTICULATED FRAME, POWER SHIFT	135 HP	D-off		$150,150	31.43	10.20	9.18	5.61	3.56	286
G15JD003	672B	ARTICULATED FRAME, POWER SHIFT	135 HP	D-off		$175,919	35.93	11.97	10.79	6.57	3.56	289
G15JD004	770B	ARTICULATED FRAME, POWER SHIFT	155 HP	D-off		$16[illegible],217	35.55	11.49	10.34	6.32	4.09	310
G15JD005	772B	ARTICULATED FRAME, POWER SHIFT	155 HP	D-off		$195,561	40.16	13.31	11.99	7.31	4.09	297

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 2

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		KOMATSU DRESSER COMPANY (Formerly KOMATSU)									
G15KM001	GD 525A-1C	ARTICULATED FRAME	135 HP D-off		$180,574	36.75	12.29	11.08	6.75	3.56	279
G15KM002	GD 615A-1	ARTICULATED FRAME	140 HP D-off		$178,178	36.61	12.10	10.87	6.66	3.70	310
G15KM003	GD 625A-1C	ARTICULATED FRAME	155 HP D-off		$210,822	42.86	14.34	12.91	7.88	4.09	313
G15KM004	GD 725A-1	ARTICULATED FRAME	200 HP D-off		$272,590	55.62	18.43	16.50	10.18	5.28	409
G15KM005	GD 825A-1	ARTICULATED FRAME	280 HP D-off		$419,787	84.61	28.38	25.40	15.68	7.39	578
H10	**HAMMERS, HYDRAULIC (DEMOLITION TOOL)**										
	0.00 HAMMERS, HYDRAULIC (DEMOLITION TOOL)										
		LINK BELT									
H10LB001	RP-25	HYD HAMMER, 250 FTLBS, WITH CHISEL			$8,018	3.14	0.85	1.07	0.31	0.00	3
H10LB002	RP-50	HYD HAMMER, 500 FTLBS, WITH CHISEL			$10,999	4.41	1.16	1.47	0.42	0.00	6
H10LB003	RP-75	HYD HAMMER, 750 FTLBS, WITH CHISEL			$14,959	5.90	1.57	1.99	0.57	0.00	7
H10LB004	RP-110	HYD HAMMER, 1100 FTLBS, WITH CHISEL			$20,348	7.95	2.14	2.71	0.78	0.00	10
H10LB005	RP-200	HYD HAMMER, 2000 FTLBS, WITH CHISEL			$37,212	14.57	3.90	4.96	1.42	0.00	21
H10LB006	RP-280H	HYD HAMMER, 2800 FTLBS, WITH CHISEL			$44,637	17.38	4.69	5.95	1.71	0.00	25
H10LB007	RP-380H	HYD HAMMER, 3800 FTLBS, WITH CHISEL			$53,805	20.85	5.65	7.17	2.06	0.00	40
H10LB008	RP-450H	HYD HAMMER, 4500 FTLBS, WITH CHISEL			$63,705	24.60	6.69	8.49	2.44	0.00	42
H10LB009	RP-550H	HYD HAMMER, 5500 FTLBS, WITH CHISEL			$74,655	28.74	7.84	9.95	2.86	0.00	54
H10LB010	RP-800H	HYD HAMMER, 8000 FTLBS, WITH CHISEL			$102,010	39.33	10.70	13.60	3.90	0.00	79
H10LB011	RP-1100H	HYD HAMMER, 11000 FTLBS, WITH CHISEL			$135,068	51.84	14.18	18.01	5.17	0.00	96
		NPK CONSTRUCTION EQUIPMENT									
H10NP001	H-06X	HAMMER,IMPACT ENERGY 150 FT-LBS W/ H-06X DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$6,153	2.83	0.65	0.82	0.24	0.00	2
H10NP002	H-08X	HAMMER,IMPACT ENERGY 200 FT-LBS W/ H-08X DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$6,818	3.08	0.72	0.91	0.26	0.00	2
H10NP003	H-1XA	HAMMER,IMPACT ENERGY 300 FT-LBS W/ H-1AX DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$7,990	3.78	0.85	1.07	0.31	0.00	4

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H10			***NPK CONSTRUCTION EQUIPMENT (continued)***									
	H10NP004	H-2XA	HAMMER,IMPACT ENERGY 500 FT-LBS W/ H-2AX DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$10,790	4.83	1.13	1.44	0.41	0.00	6
	H10NP005	H-3XA	HAMMER,IMPACT ENERGY 750 FT-LBS W/ H-3AX DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$14,695	6.56	1.54	1.96	0.56	0.00	9
	H10NP006	H-4XE	HAMMER,IMPACT ENERGY 1000 FT-LBS W/ H-4XE DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$20,228	8.65	2.12	2.70	0.77	0.00	12
	H10NP007	H-6XA	HAMMER,IMPACT ENERGY 1250 FT-LBS W/ H-6XA DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$25,148	10.51	2.64	3.35	0.96	0.00	15
	H10NP008	H-7X	HAMMER,IMPACT ENERGY 1500 FT-LBS W/ H-7X DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$28,997	12.22	3.05	3.87	1.11	0.00	18
	H10NP009	H-8XA	HAMMER,IMPACT ENERGY 2000 FT-LBS W/ H-8AX DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$36,139	14.92	3.79	4.82	1.38	0.00	24
	H10NP010	H-10XB	HAMMER,IMPACT ENERGY 3000 FT-LBS W/ H-10XB DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$44,021	18.15	4.62	5.87	1.68	0.00	35
	H10NP011	H-12X	HAMMER,IMPACT ENERGY 4000 FT-LBS W/ H-12X DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$51,328	21.41	5.38	6.84	1.96	0.00	46
	H10NP012	H-16X	HAMMER,IMPACT ENERGY 5000 FT-LBS W/ H-16X DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$63,004	26.33	6.61	8.40	2.41	0.00	59
	H10NP013	H-20X	HAMMER,IMPACT ENERGY 6000 FT-LBS W/ H-20X DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$92,412	37.96	9.70	12.32	3.54	0.00	69
	H10NP014	H-30X	HAMMER,IMPACT ENERGY 10000FT-LBS W/ H-30X DEMOLITION TOOL (ADD HYDRAULIC EXCAVATOR)			$129,225	52.38	13.56	17.23	4.94	0.00	110

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H13	**HAZARD/TOXIC WASTE EQUIPMENT**											
0.11	**COMPACTORS (COMPRESSION FORCE), 0 - 50 TONS**											
		CONSOLIDATED BAILING MACHINE										
H13CB001	DOS RAW WI	12.5 TON LL RAD WASTE COMPACTOR 55 GALLON BARREL CAPACITY	5 HP	E		$18,293	4.78	1.43	1.55	0.65	0.33	25
H13CB002	DOS RAW WI	20 TON LL RAD WASTE COMPACTOR 55 GALLON BARREL CAPACITY	10 HP	E		$20,820	5.85	1.62	1.77	0.73	0.65	25
		COMPACTING TECHNOLOGIES										
H13CO002	8540	37 TON HAZARD WASTE IN-DRUM COMPACTOR EXPLOSION PROOF	5 HP	E		$14,877	4.03	1.15	1.26	0.52	0.33	167
H13CO003	8550	85 TON HAZARD WASTE IN-DRUM COMPACTOR	3 HP	E		$21,583	5.30	1.68	1.83	0.76	0.20	270
H13CO004	8560-C	85 TON HAZARD WASTE IN- DRUM COMPACTOR WITH HEPA FILTER	3 HP	E		$38,112	9.18	2.96	3.24	1.34	0.20	290
H13CO005	8560-EXL	85 TON HAZARD WASTE IN- DRUM COMPACTOR EXPLOSION PROOF, W/LIQUID REMOVAL SYSTEM	3 HP	E		$57,726	13.50	4.50	4.91	2.04	0.20	310
H13CO006	8560-R	85 TON HAZARD WASTE IN- DRUM COMPACTOR WITH HEPA FILTER & SS PLATEN & CHAMBER	3 HP	E		$44,389	10.41	3.46	3.77	1.57	0.20	300
		PIQUA ENGINEERING										
H13PI001	LKDC36	30 TON MOBIL DRUM CRUSHER	18 HP	G		$10,069	4.17	0.77	0.81	0.36	1.52	19
H13PI002	LRDC36	30 TON MOBIL DRUM CRUSHER	8 HP	E		$10,419	3.12	0.79	0.84	0.37	0.52	19
H13PI003	DC3036	30 TON DRUM CRUSHER	8 HP	E		$11,065	3.26	0.86	0.94	0.39	0.52	30
0.12	**COMPACTORS (COMPRESSION FORCE), OVER 50 TONS**											
		CEMEN TECH										
H13CC001	6-50-400	250 TON COMPACTOR CASK TYPE CONTAINER: 57.5" x 33.5" x 47"	50 HP	E		$258,431	55.75	17.94	17.23	9.32	3.25	220
H13CC002	6-90-200	250 TON COMPACTOR CASK TYPE CONTAINER: 72" x 46" x 47"	50 HP	E		$284,021	60.75	19.71	18.93	10.24	3.25	280

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H13			***CEMEN TECH (continued)***										
	H13CC003	6-90-300	375 TON COMPACTOR CASK TYPE CONTAINER: 72" x 46" x 47"	50 HP	E		$333,904	70.52	23.17	22.26	12.04	3.25	320
	0.21	**FILTER PRESSES, STATIONARY**											
			AVERY FILTER COMPANY										
	H13AY007	L/S 1200/125	125 CF MEMBRANE FILTER PRESS 1200 MM SQ	50 CFM	A		$142,547	32.51	10.90	11.40	5.20	0.00	216
	H13AY008	K/F 1200/125	125 CF CONVENTIONAL FILTER PRESS 1200 MM SQ	50 CFM	A		$81,627	18.62	6.25	6.53	2.98	0.00	207
	H13AY009	L/S 1200/100	100 CF MEMBRANE FILTER PRESS 1200 MM SQ	50 CFM	A		$126,904	28.94	9.71	10.15	4.63	0.00	199
	H13AY010	K/F 1200/100	100 CF CONVENTIONAL FILTER PRESS 1200 MM SQ	50 CFM	A		$66,012	15.06	5.05	5.28	2.41	0.00	191
	H13AY011	L/S 1200/75	75 CF MEMBRANE FILTER PRESS 1200 MM SQ	50 CFM	A		$106,541	24.30	8.15	8.52	3.89	0.00	194
	H13AY012	K/F 1200/75	75 CF CONVENTIONAL FILTER PRESS 1200 MM SQ	50 CFM	A		$55,817	12.74	4.28	4.47	2.04	0.00	188
	H13AY013	L/S 1200/50	50 CF MEMBRANE FILTER PRESS 1200 MM SQ	50 CFM	A		$85,731	19.56	6.56	6.86	3.13	0.00	173
	H13AY014	K/F 1200/50	50 CF CONVENTIONAL FILTER PRESS 1200 MM SQ	50 CFM	A		$47,168	10.75	3.61	3.77	1.72	0.00	168
	H13AY015	L/S 1200/25	25 CF MEMBRANE FILTER PRESS 1000 MM SQ	50 CFM	A		$50,657	11.55	3.88	4.05	1.85	0.00	112
	H13AY016	K/F 1200/25	25 CF CONVENTIONAL FILTER PRESS 1000 MM SQ	50 CFM	A		$33,355	7.61	2.56	2.67	1.22	0.00	108
	H13AY017	L/S 1200/150	150 CF MEMBRANE FILTER PRESS 1200 MM SQ	50 CFM	A		$158,245	36.10	12.11	12.66	5.78	0.00	235
	H13AY018	K/F 1200/150	150 CF CONVENTIONAL FILTER PRESS 1200 MM SQ	50 CFM	A		$82,102	18.73	6.29	6.57	3.00	0.00	224
	H13AY019		FILTER PRESS PLATE SHIFTING UNIT 1200 MM SQ, MECHANIZED	1 HP	E		$10,200	2.69	0.78	0.82	0.37	0.07	5
	H13AY020	SLC-500	PLC CONTROL PANEL - PLATE SHIFTING COMPUTER AUTOMATED	1 HP	E		$13,150	3.36	1.01	1.05	0.48	0.07	2
			HYDROCAL										
	H13HR001	Model 1.0	S.S. SLUDGE THICK/BELT PRESS COMB., 1 METER	1 HP	E		$62,527	14.56	4.78	5.00	2.28	0.03	20

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H13			***HYDROCAL (continued)***										
	H13HR002	Model 1.5	S.S. SLUDGE THICK/BELT PRESS COMB., 1.5 METER	2 HP	E		$70,554	16.40	5.40	5.64	2.58	0.10	25
			PERRIN										
	H13PR001	100S-800	25CF STANDARD FILTER PRESS 800MM X 800MM	3 HP	E		$76,758	17.83	5.87	6.14	2.80	0.20	125
	H13PR003	100S-1200	113CF STANDARD FILTER PRESS 1200MM X 1200MM	5 HP	E		$142,256	32.97	10.88	11.38	5.19	0.33	460
	H13PR005	2005-1500	181CF FILTER PRESS STANDARD 1500MM X 1500MM	5 HP	E		$196,965	45.45	15.07	15.76	7.19	0.33	680
	H13PR007	P4-200	370CF MAXI FILTER PRESS 1.5M X 20M	10 HP	E		$438,420	101.04	33.55	35.07	16.01	0.65	1,100
	H13PR020	FBP 60	23.5"W FILTER BELT PRESS, 3/4 HP	1 HP	E		$87,593	20.10	6.71	7.01	3.20	0.07	33
	H13PR021	FBP 90	35.5"W FILTER BELT PRESS, 3/4 HP	1 HP	E		$90,069	20.66	6.90	7.21	3.29	0.07	33
	H13PR022	FBP 120	47.0"W FILTER BELT PRESS, 1.5 HP	2 HP	E		$113,027	25.99	8.65	9.04	4.13	0.13	57
	H13PR023	FBP 160	63.0"W FILTER BELT PRESS, 1.5 HP	1 HP	E		$119,784	27.43	9.16	9.58	4.37	0.07	33
	H13PR024	FBP 200	78.75"W FILTER BELT PRESS, 2 HP	2 HP	E		$136,266	31.30	10.43	10.90	4.98	0.13	91
	H13PR025	FBP 250	98.5"W FILTER BELT PRESS, 3 HP	3 HP	E		$151,738	34.93	11.61	12.14	5.54	0.20	113
	H13PR026	FBP 300	118"W FILTER BELT PRESS, 3 HP	3 HP	E		$177,060	40.70	13.54	14.16	6.46	0.20	133
	H13PR027	PS 250	PUSHER SCREW PRESS, 7.5 HP	8 HP	E		$95,421	22.59	7.30	7.63	3.48	0.52	65
	H13PR028	PS 400	PUSHER SCREW PRESS, 10 HP	10 HP	E		$140,910	33.18	10.79	11.27	5.15	0.65	80
	H13PR029	PS 600	PUSHER SCREW PRESS, 15 HP	15 HP	E		$210,374	49.55	16.10	16.83	7.68	0.98	120
	H13PR030	PS 800	PUSHER SCREW PRESS, 20 HP	20 HP	E		$296,677	69.74	22.70	23.73	10.83	1.30	160
	0.22	**FILTER PRESSES, MOBILE**											
			AVERY FILTER COMPANY										
	H13AY021	L/S 1200/150M	150 CF MEMBRANE FILTER PRESS 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)	50 CFM	A		$169,515	37.23	13.10	14.23	5.98	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		$93,423	20.54	7.18	7.77	3.29	0.00	244
	H13AY023	L/S 1200/125M	125 CF MEMBRANE FILTER PRESS 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)	50 CFM	A		$155,015	34.06	11.97	13.00	5.47	0.00	236

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H13			***AVERY FILTER COMPANY (continued)***									
	H13AY024	K/F 1200/125M	125 CF CONVENTIONAL FILTER PRESS 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)	50 CFM A		$94,094	20.68	7.23	7.82	3.32	0.00	227
	H13AY025	L/S 1200/100M	100 CF MEMBRANE FILTER PRESS 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)	50 CFM A		$138,388	30.41	10.68	11.59	4.88	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		$77,496	17.04	5.94	6.41	2.73	0.00	211
	H13AY027	L/S 1200/75M	75 CF MEMBRANE FILTER PRESS 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)	50 CFM A		$117,040	25.72	9.02	9.77	4.13	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		$66,316	14.59	5.07	5.46	2.34	0.00	208
	H13AY029	L/S 1200/50M	50 CF MEMBRANE FILTER PRESS 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)	50 CFM A		$95,245	20.94	7.32	7.92	3.36	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		$56,682	12.47	4.32	4.64	2.00	0.00	188
	H13AY031	L/S 1200/25M	25 CF MEMBRANE FILTER PRESS 1200 MM SQ, TRAILER MOUNTED (ADD COMPR & 60,000 GVW TRUCK)	50 CFM A		$59,611	13.11	4.55	4.89	2.10	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		$42,338	9.32	3.20	3.42	1.49	0.00	109
			HYDROCAL									
	H13HR003	TRAILER PRESS	80 GPM CAPACITY BELT PRESS TRAILER MOUNTED SYSTEM COMPLETE W/ FLOCULATION TANK, MIXING TANK, PUMPS, FEEDERS, & CONTROL PANEL	1 HP E		$122,001	28.91	9.43	10.26	4.30	0.07	72
			PERRIN									
	H13PR002	100S-800M	25CF STANDARD FILTER PRESS 800MM X 800MM, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	3 HP E		$84,978	20.51	6.53	7.05	3.00	0.20	145

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
H13			***PERRIN (continued)***										
	H13PR004	100S-1200M	113CF STANDARD FILTER PRESS 1200MM X 1200MM, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	5 HP	E		$154,554	35.97	11.93	12.96	5.45	0.33	480
	H13PR006	2005-1500M	181CF FILTER PRESS STANDARD 1500MM X 1500MM, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	5 HP	E		$211,540	48.48	16.37	17.81	7.46	0.33	705
	H13PR008	P4-200	370CF MAXI FILTER PRESS 1.5M X 20M, TRAILER MOUNTED (ADD GEN & 64,000 GVW TRK + PERMIT)	10 HP	E		$454,915	102.99	34.99	37.89	16.04	0.65	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		$97,164	22.98	7.48	8.09	3.43	0.07	53
	H13PR010	FBP-90-M	35.5" FILTER BELT PRESS, MOBILE .75 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	1 HP	E		$99,640	23.51	7.66	8.30	3.51	0.07	53
	H13PR011	FBP 120-M	47" FILTER BELT PRESS 1.5 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	2 HP	E		$123,589	28.87	9.53	10.33	4.36	0.13	77
	H13PR012	FBP 160-M	63" FILTER BELT PRESS 1.5 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	2 HP	E		$131,017	30.49	10.10	10.96	4.62	0.13	77
	H13PR013	FBP 200-M	78.75" FILTER BELT PRESS 2 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	2 HP	E		$147,818	34.18	11.41	12.39	5.21	0.13	111
	H13PR014	FBP 250-M	98.5" FILTER BELT PRESS 3 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	3 HP	E		$164,280	37.90	12.69	13.79	5.79	0.20	133
	H13PR015	FBP 300-M	118" FILTER BELT PRESS 3 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	3 HP	E		$189,603	43.47	14.66	15.94	6.69	0.20	153
	H13PR016	PS 250-M	PUSHER SCREW PRESS, MOBILE 7.5 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	8 HP	E		$104,992	25.15	8.07	8.75	3.70	0.52	85
	H13PR017	PS 400-M	PUSHER SCREW PRESS, MOBILE 10 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	10 HP	E		$151,472	35.55	11.69	12.70	5.34	0.65	100
	H13PR018	PS 600-M	PUSHER SCREW PRESS, MOBILE 15 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	15 HP	E		$219,128	51.19	16.96	18.45	7.73	0.98	40
	H13PR019	PS 800-M	PUSHER SCREW PRESS, MOBILE 20 HP, TRAILER MOUNTED (ADD GENR & 60,000 GVW TRUCK)	20 HP	E		$309,220	71.47	23.97	26.11	10.91	1.30	180

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
0.30 CENTRIFUGES												
		BOCK										
H13BC001	FP 910	CENTRIFUGE, VARIABLE SPEED, PILOT-PLANT FLEXIBILITY, 130 LB DRY WT.	5 HP	E		$40,040	18.84	5.63	8.01	1.62	0.33	12
H13BC002	FP 900	CENTRIFUGE, VARIABLE SPEED, MULTI-PRODUCT, 130 LB DRY WT.	5 HP	E		$19,552	9.46	2.75	3.91	0.79	0.33	12
H13BC003	GP 130	CENTRIFUGE, FIXED SPEED, TIMER 130 LB DRY WT.	5 HP	E		$15,058	7.41	2.12	3.01	0.61	0.33	12
H13BC004	955	CENTRIFUGE, FIXED SPEED, BASKET LIFT SYSTEM, EXPLOSION PROOF,130 LB	5 HP	E		$18,697	9.08	2.63	3.74	0.76	0.33	12
H13BC005	FP 805 TX	CENTRIFUGE, FIXED SPEED, TIMER 130 LB DRY WT.	5 HP	E		$14,113	6.97	1.98	2.82	0.57	0.33	12
H13BC006	605 TX	CENTRIFUGE, FIXED SPEED, TIMER 60 LB DRY WT.	3 HP	E		$11,665	5.65	1.64	2.33	0.47	0.20	9
H13BC007	655	CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 60 LB	3 HP	E		$14,760	7.07	2.08	2.95	0.60	0.20	9
H13BC008	755	CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 100 LB	5 HP	E		$17,844	8.68	2.51	3.57	0.72	0.33	12
H13BC009	355	CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 35 LB	3 HP	E		$11,979	5.80	1.68	2.40	0.48	0.20	6
H13BC010	305 TX	CENTRIFUGE, FIXED SPEED, TIMER 35 LB DRY WT.	3 HP	E		$8,924	4.40	1.25	1.78	0.36	0.20	6
0.40 SHREDDERS												
		MAC CORPORATION										
H13MN001	52-32HT	MOBILE SHREDDER, TRAILER MOUNTED W/ DIESEL GENERATOR SET, AND BELT-TYPE INFEED & DISCHARGE CONVEYORS	150 HP	E		$219,230	68.77	16.89	18.31	7.73	9.75	200
H13MN002	62-40HT	200 HP MOBILE SHREDDER, TRAILER MOUNTED W/ DIESEL GENERATOR SET, HOOK-TYPE INFEED FOR TIRES, & DISCHARGE CONVEYOR	200 HP	E		$269,002	86.28	20.76	22.54	9.49	13.00	300
H13MN003	62-40HT	200 HP MOBILE SHREDDER, TRAILER MOUNTED W/ DIESEL GENERATOR SET, CRANE GRAPPLE AND DISCHARGE CONVEYOR SYSTEM	200 HP	E		$323,044	99.81	24.96	27.14	11.39	13.00	300

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H13			***MAC CORPORATION (continued)***										
	H13MN004	72-46HT	300 HP MOBILE SHREDDER, TRAILER MOUNTED W/ DIESEL GENERATOR SET, CRANE GRAPPLE AND DISCHARGE CONVEYOR SYSTEM	300 HP	E		$372,268	122.18	28.79	31.32	13.13	19.50	400
			SHREAD-TECH LIMITED										
	H13SH001	ST-20	15HP SHRED. W/28"x14" CUTTING CHMBR 3/8" BLADE, 37"x38" HOPPER OPENING	15 HP	E		$36,360	9.93	2.83	3.09	1.28	0.98	20
	H13SH002	ST-20L	15HP SHRED. W/14"x36" CUTTING CHMBR 3/8" BLADE, 37"x46" HOPPER OPENING	15 HP	E		$36,639	9.99	2.85	3.11	1.29	0.98	23
	H13SH003	ST-50	2x20HP SHRED. W/42"x21" CUT. CHMBR 5/8" BLADE, 40"x55" HOPPER OPENING	40 HP	E		$70,764	20.39	5.51	6.01	2.50	2.60	45
	H13SH004	ST-50L	2x20HP SHRED. W/52"x21" CUT. CHMBR 5/8" BLADE, 40"x65" HOPPER OPENING	40 HP	E		$76,146	21.64	5.93	6.47	2.69	2.60	50
	H13SH005	ST-100	2x50HP SHRED. W/63"x32" CUT. CHMBR 1 7/8" BLD, 60"x70" HOPPER OPENING	100 HP	E		$117,778	37.25	9.16	10.01	4.15	6.50	200
	H13SH006	ST-500	2x175HP SHRED. W/43"x76" CUT. CHMBR 2 3/4" BLD, 66"x96" HOPPER OPENING	350 HP	E		$375,357	121.87	29.20	31.91	13.24	22.75	420
	H13SH007	ST-500L	2x250HP SHRED. W/43"x96" CUT. CHMBR 2 3/4" BLD, 66"x115" HOPPER OPENING	600 HP	E		$397,133	151.80	30.89	33.76	14.01	39.00	440
	0.51	**SOIL TREATMENT PLANT, MOBILE**											
			PROGRESSIVE DEVELOPMENT INC.										
	H13PO001	ST-300	MOBILE THERMAL REMEDIATION SYSTEM TRLR MTD W/REMIDIATION UNIT,2-10T/HR SHRED./CLASSIFIER, WT SCALE & LP GAS VAPORIZOR	55 HP	E		$471,927	122.75	36.70	40.11	16.64	3.58	180
	0.61	**SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS**											
			CT ENVIROMENTAL SYSTEMS										
	H13CN001	SPD-10C	SLUDGE PROCESSING DISPENSER W/ 2 CU. YD. SLUDGE BIN, 1200 CU.FT. SILO - TRAILER MOUNTED	20 HP	E		$56,918	16.89	4.39	4.76	2.01	1.30	77
	H13CN002	SPD-30C	SLUDGE PROCESSING DISPENSER W/ 8 CU. YD. SLUDGE BIN, 2100 CU.FT. SILO - TRAILER MOUNTED	40 HP	E		$95,814	28.89	7.40	8.04	3.38	2.60	166

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H13			***CT ENVIROMENTAL SYSTEMS (continued)***										
	H13CN003	SPD-50C	SLUDGE PROCESSING DISPENSER W/ 8 CU. YD. SLUDGE BIN, 2100 CU.FT. SILO - TRAILER MOUNTED	75 HP	E		$112,239	35.88	8.68	9.43	3.96	4.88	177
	0.71	**WASTE HANDLING EQUIPMENT, DRUM HANDLING**											
			BASCO										
	H13BB001	T55FLX	55 GAL TOP FILL DRUM FILLER	10 HP	E		$18,509	12.15	2.70	3.93	0.73	0.65	3
	H13BB002	MR3	60 DRUM/HR CAP INTERIOR DRUM CLEANER	15 HP	E		$35,709	22.57	5.21	7.59	1.41	0.98	25
H20	**HOIST**												
	0.00	**HOIST**											
			INGERSOL-RAND (Formerly BEEBE)										
	H20BE001	FA1	AIR WINCH, 1 TON (ADD COMPRESSOR)	390 CFM	A		$13,331	3.24	1.08	1.18	0.49	0.00	4
	H20BE002	FA2.5	AIR WINCH, 2.5 TON (ADD COMPRESSOR)	700 CFM	A		$17,610	4.36	1.44	1.57	0.65	0.00	5
	H20BE003	FA5	AIR WINCH, 5 TON (ADD COMPRESSOR)	700 CFM	A		$22,584	5.63	1.84	2.01	0.83	0.00	14
	H20BE004	FA10	AIR WINCH, 10 TON (ADD COMPRESSOR)	800 CFM	A		$40,432	9.94	3.29	3.59	1.49	0.00	45
			SKAGIT										
	H20SK001	BU-18	DOUBLE DRUM WITH 5/8" CABLE	100 HP	D-off		$96,911	26.56	7.88	8.61	3.57	2.88	85
	H20SK002	G-70	DOUBLE DRUM WITH 7/8" CABLE	100 HP	D-off		$131,058	34.62	10.65	11.65	4.82	2.88	126
	H20SK003	RB-80	DOUBLE DRUM WITH 1-1/8" CABLE	130 HP	D-off		$202,380	52.55	16.45	17.99	7.45	3.74	240
	H20SK004	RB-90W	DOUBLE DRUM WITH 1-3/8" CABLE	150 HP	D-off		$239,732	62.09	19.48	21.31	8.82	4.32	300
H25	**HYDRAULIC EXCAVATORS, CRAWLER MOUNTED**												
	0.11	**DIESEL OR GASOLINE, 0 THRU 1 CY**											
			AKERMAN, INC.										
	H25AK001	H3B	.50 CY BUCKET	67 HP	D-off		$99,640	27.20	8.49	9.34	3.82	1.77	174
	H25AK002	H7C	.90 CY BUCKET	145 HP	D-off		$114,656	33.91	9.78	10.75	4.40	3.83	343

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
BADGER DIVISION, BADGER CONSTRUCTION EQUIPMENT COMPANY												
H25BA001	300	.50 CY BUCKET, HYDRO-SCOPIC	85 HP	D-off		$158,473	42.44	13.51	14.86	6.08	2.24	378
H25BA002	888	1.00 CY BUCKET, HYDRO-SCOPIC	160 HP	D-off		$223,954	61.51	19.09	21.00	8.59	4.22	508
CATERPILLAR, INC.												
H25CA001	205LC	.50 CY BUCKET, LONG CARRIAGE	71 HP	D-off		$104,327	28.51	8.89	9.78	4.00	1.87	311
H25CA002	211LC	.68 CY BUCKET, LONG CARRIAGE	94 HP	D-off		$130,044	35.76	11.09	12.19	4.99	2.48	335
H25CA003	213BLC	.91 CY BUCKET, LONG CARRIAGE	110 HP	D-off		$152,880	42.02	13.04	14.33	5.87	2.90	399
H25CA004	215DLC	1.00 CY BUCKET, LONG CARRIAGE	125 HP	D-off		$181,979	49.79	15.51	17.06	6.98	3.30	439
H25CA009	E70B	.24 CY BUCKET	54 HP	D-off		$70,065	19.40	5.98	6.57	2.69	1.43	153
H25CA010	E110B	.42 CY BUCKET	79 HP	D-off		$91,397	25.64	7.80	8.57	3.51	2.09	254
H25CA011	E120B	.59 CY BUCKET	84 HP	D-off		$99,864	27.92	8.51	9.36	3.83	2.22	283
H25CA012	E200B	1.00 CY BUCKET	118 HP	D-off		$166,779	45.78	14.22	15.64	6.40	3.12	414
H25CA013	EL200B	1.00 CY BUCKET, LONG REACH	118 HP	D-off		$174,766	47.75	14.90	16.38	6.71	3.12	493
H25CA014	E240B	1.25 CY BUCKET	148 HP	D-off		$194,419	53.76	16.58	18.23	7.46	3.91	507
H25CA015	EL240B	1.25 CY BUCKET, LONG REACH	148 HP	D-off		$198,324	54.72	16.91	18.59	7.61	3.91	520
H25CA016	E300B	1.50 CY BUCKET	207 HP	D-off		$257,933	71.72	21.99	24.18	9.90	5.46	673
H25CA017	EL300B	1.50 CY BUCKET, LONG REACH	207 HP	D-off		$268,489	74.32	22.89	25.17	10.30	5.46	695
H25CA018	231D	1.75 CY BUCKET	200 HP	D-off		$297,898	81.34	25.40	27.93	11.43	5.28	767
H25CA019	231DLC	1.75 CY BUCKET, LONG REACH	200 HP	D-off		$305,384	83.20	26.04	28.63	11.72	5.28	773
J. I. CASE COMPANY												
H25CS002	888	.75 CY BUCKET	128 HP	D-off		$117,187	33.90	9.99	10.99	4.50	3.38	356
FIATALLIS NORTH AMERICA INC.												
H25FI004	FH120	.78 CY BUCKET	81 HP	D-off		$119,703	32.71	10.20	11.22	4.59	2.14	284
GRADALL												
H25GA001	660E	.625 CY BUCKET	162 HP	D-off		$194,627	54.35	16.60	18.25	7.47	4.28	406
H25GA002	880E	.750 CY BUCKET	162 HP	D-off		$233,356	63.93	19.90	21.88	8.96	4.28	494

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		HITACHI										
H25HI001	EX100	.28 CY BUCKET	72 HP	D-off		$115,903	31.43	9.89	10.87	4.45	1.90	240
H25HI002	EX100WD	.40 CY BUCKET	108 HP	D-off		$159,550	43.60	13.60	14.96	6.12	2.85	240
H25HI003	EX150	.68 CY BUCKET	91 HP	D-off		$134,744	36.81	11.49	12.63	5.17	2.40	320
H25HI005	EX200LC	.74 CY BUCKET	119 HP	D-off		$181,449	49.43	15.47	17.01	6.96	3.14	434
H25HI017	UE40	.139 CY BUCKET	25 HP	D-off		$34,762	9.56	2.96	3.26	1.33	0.66	71
H25HI018	UE50	.145 CY BUCKET	38 HP	D-off		$46,387	12.93	3.96	4.35	1.78	1.00	96
		HUNDAI (Korea)										
H25HU001	ROBEX 130LC	0.78 CY BUCKET, LONG CARRIAGE	110 HP	D-off		$91,409	26.81	7.80	8.57	3.51	2.90	291
		INSLEY DIVISION, BADGER CONSTRUCTION EQUIPMENT CO.										
H25IS001	H-600C	.88 CY BUCKET	135 HP	D-off		$138,978	39.54	11.85	13.03	5.33	3.56	385
H25IS002	H-800D	1.00 CY BUCKET	168 HP	D-off		$166,483	47.62	14.20	15.61	6.39	4.44	440
		JOHN DEERE										
H25JD001	15	.050 CY BUCKET	15 HP	D-off		$28,066	7.52	2.40	2.63	1.08	0.40	29
H25JD002	25	.100 CY BUCKET	23 HP	D-off		$41,330	11.10	3.53	3.87	1.59	0.61	64
H25JD003	50	.160 CY BUCKET	39 HP	D-off		$53,836	14.81	4.60	5.05	2.07	1.03	93
H25JD004	70D	.310 CY BUCKET	55 HP	D-off		$83,181	22.68	7.09	7.80	3.19	1.45	140
H25JD005	490D	.500 CY BUCKET	75 HP	D-off		$110,659	30.24	9.44	10.37	4.25	1.98	265
H25JD006	590D	.625 CY BUCKET	95 HP	D-off		$117,927	32.82	10.06	11.06	4.53	2.51	332
H25JD007	690D	.880 CY BUCKET	125 HP	D-off		$148,205	41.44	12.64	13.89	5.69	3.30	397
H25JD008	790D	1.00 CY BUCKET	155 HP	D-off		$194,575	54.05	16.59	18.24	7.47	4.09	501
		KOBELCO (Japan)										
H25KC001	SS60	.01 CY	4 HP	G		$9,517	2.75	0.81	0.89	0.37	0.27	6
H25KC002	SK007	.03 CY	8 HP	D-off		$21,339	5.58	1.82	2.00	0.82	0.21	17
H25KC003	SK015	.05 CY	16 HP	D-off		$29,715	7.96	2.54	2.79	1.14	0.42	35
H25KC004	SK025	.09 CY	21 HP	D-off		$40,439	10.80	3.45	3.79	1.55	0.55	63
H25KC005	SK035	.13 CY	27 HP	D-off		$46,061	12.43	3.93	4.32	1.77	0.71	74
H25KC006	SK60 MARKIII	.39 CY	55 HP	D-off		$76,214	20.95	6.50	7.15	2.92	1.45	141
H25KC007	SK120 MARKIII	.59 CY	84 HP	D-off		$112,739	31.11	9.62	10.57	4.33	2.22	258

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H25			*KOBELCO (Japan) (continued)*										
	H25KC008	SK150 MARKIII	.92 CY	100 HP	D-off		$129,277	35.80	11.02	12.12	4.96	2.64	337
			KOEHRING										
	H25KO001	6608	.34 CY BUCKET	51 HP	D-off		$79,802	21.70	6.80	7.48	3.06	1.35	168
	H25KO002	6612	.66 CY BUCKET	87 HP	D-off		$98,459	27.69	8.40	9.23	3.78	2.30	273
			KUBOTA (Japan)										
	H25KU001	KX-41	.05 CY BUCKET	22 HP	D-off		$28,034	7.78	2.40	2.63	1.08	0.58	36
	H25KU002	KX-71	.09 CY BUCKET	32 HP	D-off		$37,658	10.54	3.22	3.53	1.45	0.84	64
	H25KU003	KX-101	.14 CY BUCKET	37 HP	D-off		$43,104	12.08	3.67	4.04	1.65	0.98	81
	H25KU004	KX-151	.17 CY BUCKET	43 HP	D-off		$59,578	16.40	5.09	5.59	2.29	1.14	120
	H25KU005	DH50	.24 CY BUCKET	44 HP	D-off		$52,449	14.65	4.47	4.92	2.01	1.16	109
	H25KU006	DH130-2	.70 CY BUCKET	91 HP	D-off		$96,341	27.31	8.22	9.03	3.70	2.40	293
	H25KU007	DH170	.92 CY BUCKET	102 HP	D-off		$110,675	31.29	9.44	10.38	4.25	2.69	377
			LINK BELT										
	H25LB001	LS-1600	0.45 CY BUCKET	58 HP	D-off		$92,751	25.17	7.91	8.70	3.56	1.53	168
	H25LB002	LS-2650	0.625 CY BUCKET	87 HP	D-off		$116,590	32.17	9.94	10.93	4.47	2.30	272
	H25LB003	LS-2700	1 CY BUCKET	100 HP	D-off		$132,490	36.59	11.29	12.42	5.08	2.64	341
			MDI/YUTANI										
	H25MD001	MD140LC	.50 CY BUCKET	84 HP	D-off		$111,690	30.85	9.53	10.47	4.29	2.22	273
	H25MD002	MD200LC	1.00 CY BUCKET	123 HP	D-off		$165,044	45.53	14.07	15.47	6.33	3.25	434
			SAMSUNG (Japan)										
	H25SS001	SE130LC	0.72 CY BUCKET		D-off		$114,719	28.37	9.78	10.75	4.40	0.00	287
			TAKEUCHI (Japan)										
	H25TK001	TB007	.03 CY BUCKET	8 HP	D-off		$18,977	5.00	1.62	1.78	0.73	0.21	17
	H25TK002	TB015	.05 CY BUCKET	16 HP	D-off		$26,243	7.10	2.24	2.46	1.01	0.42	34
	H25TK003	TB020	.07 CY BUCKET	21 HP	D-off		$30,389	8.32	2.60	2.85	1.17	0.55	45
	H25TK004	TB025	.09 CY BUCKET	26 HP	D-off		$34,155	9.45	2.91	3.20	1.31	0.69	60

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H25			*TAKEUCHI (Japan) (continued)*									
	H25TK005	TB035	.13 CY BUCKET	33 HP D-off		$39,228	10.97	3.35	3.68	1.51	0.87	76
	H25TK006	TB045	.19 CY BUCKET	43 HP D-off		$55,378	15.35	4.73	5.19	2.13	1.14	101
	H25TK007	TB070	.33 CY BUCKET	56 HP D-off		$76,346	21.03	6.51	7.16	2.93	1.48	161
	0.12 DIESEL OR GASOLINE, OVER 1 CY THRU 2-1/2 CY											
			AKERMAN, INC.									
	H25AK003	H10BLC	1.40 CY BUCKET	166 HP D-off		$187,487	47.95	14.35	15.00	6.85	4.38	502
	H25AK005	H16D	1.50 CY BUCKET	262 HP D-off		$351,736	88.07	26.91	28.14	12.84	6.92	926
			BADGER DIVISION, BADGER CONSTRUCTION EQUIPMENT COMPANY									
	H25BA003	311 HOPTO	1.88 CY BUCKET	235 HP D-off		$271,775	69.29	20.79	21.74	9.92	6.20	745
	H25BA004	900B	2.50 CY BUCKET	308 HP D-off		$330,752	85.18	25.31	26.46	12.08	8.13	1,015
			CATERPILLAR, INC.									
	H25CA005	219D	1.13 CY BUCKET, LONG CARRIAGE	140 HP D-off		$207,045	51.30	15.84	16.56	7.56	3.70	494
	H25CA006	225D	1.25 CY BUCKET	165 HP D-off		$227,503	56.81	17.41	18.20	8.31	4.36	567
	H25CA007	235D	2.00 CY BUCKET	250 HP D-off		$424,104	103.68	32.46	33.93	15.49	6.60	931
			FIATALLIS NORTH AMERICA INC.									
	H25FI005	FH200	1.06 CY BUCKET	119 HP D-off		$176,482	43.71	13.50	14.12	6.44	3.14	437
	H25FI006	FH220	1.34 CY BUCKET	151 HP D-off		$219,083	54.40	16.77	17.53	8.00	3.99	546
	H25FI007	FH400	1.66 CY BUCKET	280 HP D-off		$407,786	101.19	31.20	32.62	14.89	7.39	1,001
			HITACHI									
	H25HI009	EX270	1.60 CY BUCKET	161 HP D-off		$250,171	61.67	19.14	20.01	9.13	4.25	573
	H25HI010	EX270LC	1.60 CY BUCKET, LONG CARRIAGE	161 HP D-off		$259,405	63.72	19.85	20.75	9.47	4.25	622
	H25HI011	EX400	2.45 CY BUCKET	275 HP D-off		$389,073	96.87	29.78	31.13	14.21	7.26	908
	H25HI012	EX400LC	2.45 CY BUCKET, LONG CARRIAGE	275 HP D-off		$405,104	100.42	31.00	32.41	14.79	7.26	970
			HUNDAI (Korea)									
	H25HU002	ROBEX 200LC	1.35 CY BUCKET, LONG CARRIAGE	139 HP D-off		$123,234	32.67	9.43	9.86	4.50	3.67	451

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H25			*HUNDAI (Korea) (continued)*										
	H25HU003	ROBEX 290LC	2.09 CY BUCKET, LONG CARRIAGE	195 HP	D-off		$175,095	46.32	13.40	14.01	6.39	5.15	622
	H25HU004	ROBEX 320LC	2.22 CY BUCKET, LONG CARRIAGE	238 HP	D-off		$195,717	52.54	14.98	15.66	7.15	6.28	697
	H25HU006	R912	1.8 CY BUCKET	122 HP	D-off		$138,791	35.46	10.62	11.10	5.07	3.22	439
			INSLEY DIVISION, BADGER CONSTRUCTION EQUIPMENT CO.										
	H25IS003	H-1000D	1.00 CY BUCKET	189 HP	D-off		$195,657	50.64	14.97	15.65	7.14	4.99	549
	H25IS004	H-1500D	1.50 CY BUCKET	253 HP	D-off		$302,623	76.84	23.16	24.21	11.05	6.68	783
	H25IS005	H-2500D	1.75 CY BUCKET	315 HP	D-off		$367,032	93.50	28.08	29.36	13.40	8.32	969
			JOHN DEERE										
	H25JD010	892D-LC	1.75 CY BUCKET, LONG CARRIAGE	195 HP	D-off		$233,852	59.36	17.90	18.71	8.54	5.15	673
	H25JD011	992D-LC	2.13 CY BUCKET	260 HP	D-off		$358,172	89.42	27.41	28.65	13.08	6.86	930
			KOBELCO (Japan)										
	H25KC009	SK200 MARKIII	1.05 CY	133 HP	D-off		$169,576	42.71	12.98	13.57	6.19	3.51	430
	H25KC010	SK220 MARKIII	1.57 CY	163 HP	D-off		$202,317	51.13	15.49	16.19	7.39	4.30	518
	H25KC011	SK300 MARKIII	1.83 CY	230 HP	D-off		$279,055	70.71	21.35	22.32	10.19	6.07	672
	H25KC012	SK400 MARKIII	2.09 CY	300 HP	D-off		$371,879	94.00	28.46	29.75	13.58	7.92	955
			KOEHRING										
	H25KO003	6620	1.05 CY BUCKET	126 HP	D-off		$152,379	38.63	11.66	12.19	5.56	3.33	426
	H25KO004	6625	1.25 CY BUCKET	160 HP	D-off		$188,107	47.86	14.40	15.05	6.87	4.22	580
	H25KO005	6633	1.87 CY BUCKET	227 HP	D-off		$236,084	61.07	18.07	18.89	8.62	5.99	718
	H25KO006	6644	2.00 CY BUCKET	289 HP	D-off		$349,074	88.52	26.72	27.93	12.75	7.63	993
			KUBOTA (Japan)										
	H25KU008	DH220LC	1.25 CY BUCKET	133 HP	D-off		$130,691	34.08	10.00	10.46	4.77	3.51	463
	H25KU009	DH280	1.63 CY BUCKET	177 HP	D-off		$171,986	44.93	13.16	13.76	6.28	4.67	622
	H25KU010	DH320	1.83 CY BUCKET	247 HP	D-off		$203,060	54.49	15.53	16.24	7.41	6.52	705
			LINK BELT										
	H25LB004	LS-2800	1.25 CY BUCKET	125 HP	D-off		$151,411	38.38	11.59	12.11	5.53	3.30	393

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H25			*LINK BELT (continued)*										
	H25LB005	LS-3400	1.5 CY BUCKET	153 HP	D-off		$203,964	51.12	15.61	16.32	7.45	4.04	533
	H25LB006	LS-4300	2.125 CY BUCKET	214 HP	D-off		$252,178	64.14	19.30	20.17	9.21	5.65	695
			MDI/YUTANI										
	H25MD003	MD240LC	1.38 CY BUCKET, LONG CARRIAGE	153 HP	D-off		$201,697	50.61	15.43	16.14	7.36	4.04	522
	H25MD004	MD300LC	1.875 CY BUCKET, LONG CARRIAGE	184 HP	D-off		$239,567	60.21	18.34	19.17	8.75	4.86	690
	H25MD005	MD320BLC	1.750 CY BUCKET, LONG CARRIAGE	227 HP	D-off		$239,881	61.91	18.36	19.19	8.76	5.99	703
	H25MD006	MD400LC	2.375 CY BUCKET, LONG CARRIAGE	247 HP	D-off		$348,243	86.72	26.65	27.86	12.72	6.52	978
	H25MD007	MD450BLC	2.38 CY BUCKET, LONG CARRIAGE	286 HP	D-off		$345,949	87.71	26.47	27.68	12.63	7.55	994
			SAMSUNG (Japan)										
	H25SS002	SE210LC	1.3 CY BUCKET		D-off		$160,044	35.51	12.24	12.80	5.84	0.00	456
	H25SS003	SE280LC	1.96 CY BUCKET	180 HP	D-off		$214,393	54.46	16.41	17.15	7.83	4.75	621
	H25SS004	SE350LC	2.3 CY BUCKET	250 HP	D-off		$272,073	69.94	20.82	21.77	9.93	6.60	794
	0.13	**DIESEL OR GASOLINE, OVER 2-1/2 CY THRU 5 CY**											
			BADGER DIVISION, BADGER CONSTRUCTION EQUIPMENT COMPANY										
	H25BA005	1900	4.50 CY BUCKET	616 HP	D-off		$691,101	176.94	48.54	48.95	24.06	16.26	2,050
			CATERPILLAR, INC.										
	H25CA008	245D	3.125 CY BUCKET	360 HP	D-off		$647,177	158.49	45.45	45.84	22.53	9.50	1,497
			HITACHI										
	H25HI019	EX700	3.78 CY BUCKET	414 HP	D-off		$662,518	163.77	46.54	46.93	23.07	10.93	1,460
			HUNDAI (Korea)										
	H25HU005	ROBEX 450LC	3.14 CY BUCKET, LONG CARRIAGE	276 HP	D-off		$288,547	74.51	20.27	20.44	10.05	7.29	979
	H25HU007	R932	2.6 CY BUCKET	163 HP	D-off		$183,263	46.91	12.87	12.98	6.38	4.30	567
	H25HU008	R942	3.2 CY BUCKET	204 HP	D-off		$200,862	54.31	14.75	14.87	7.31	5.39	687

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
INSLEY DIVISION, BADGER CONSTRUCTION EQUIPMENT CO.												
H25IS006	H-3500D	3.75 CY BUCKET	467 HP	D-off		$514,461	132.00	36.13	36.44	17.91	12.33	1,380
		KOBELCO (Japan)										
H25KC013	SK600	3.40 CY	300 HP	D-off		$494,978	122.04	34.76	35.06	17.23	7.92	1,332
KOMATSU DRESSER COMPANY (Formerly KOMATSU)												
H25KM007	PC 1000 LC-1	4.80 CY BUCKET	542 HP	D-off		$903,048	222.47	63.43	63.97	31.44	14.31	2,277
		KOEHRING										
H25KO007	1066	3.00 CY BUCKET	420 HP	D-off		$674,952	166.78	47.41	47.81	23.50	11.09	1,680
		KUBOTA (Japan)										
H25KU011	DH450	2.81 CY BUCKET	296 HP	D-off		$325,173	83.45	22.84	23.03	11.32	7.81	981
		LINK BELT										
H25LB007	LS-5800	2.75 CY BUCKET	280 HP	D-off		$376,733	94.61	26.47	26.69	13.12	7.39	967
0.14 DIESEL OR GASOLINE, OVER 5 CY												
		HITACHI										
H25HI015	EX1000	5.40 CY BUCKET	512 HP	D-off		$936,518	212.19	60.72	56.86	32.29	13.52	2,020
H25HI020	EX1800	12.4 CY BUCKET	860 HP	D-off		1,471,521	335.28	95.41	89.34	50.74	22.70	3,860
H25HI021	EX3500	22.2 CY BUCKET	1,634 HP	D-off		2,718,033	620.84	176.22	165.02	93.71	43.14	7,230
KOMATSU DRESSER COMPANY (Formerly KOMATSU)												
H25KM008	PC 1000 SE-1	7.50 CY BUCKET	542 HP	D-off		$877,348	200.89	56.89	53.27	30.25	14.31	1,841
		O&K (Germany)										
H25OK001	RH 30 E	5.9 CY BUCKET	400 HP	D-off		$611,828	140.84	39.67	37.15	21.09	10.56	1,609

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
0.21 ATTACHMENTS, MOBILE SHEARS											
		LABOUNTY									
H25LU001	MSD 7	MOBILE SHEAR - 10" OPENING, 4' 7" REACH, ADD .10 CY EXCAVATOR			$20,589	7.91	2.22	2.92	0.76	0.00	9
H25LU002	MSD 7R	ROTATING MOBILE SHEAR - 10" OPENING, 5' 0" REACH, ADD .20 CY EXCAVATOR			$23,789	9.17	2.57	3.37	0.88	0.00	11
H25LU003	MSD 15	MOBILE SHEAR - 18" OPENING, 6' 6" REACH, ADD .35 CY EXCAVATOR			$36,798	14.21	3.97	5.21	1.36	0.00	30
H25LU004	MSD 15R	ROTATING MOBILE SHEAR - 18" OPENING, 8' 6" REACH, ADD .40 CY EXCAVATOR			$42,539	16.42	4.60	6.03	1.58	0.00	35
H25LU005	MSD 30	MOBILE SHEAR - 22" OPENING, 7' 0" REACH, ADD .50 CY EXCAVATOR			$53,696	20.69	5.80	7.61	1.99	0.00	44
H25LU006	MSD 30R	ROTATING MOBILE SHEAR - 22" OPENING, 10' 4" REACH, ADD .88 CY EXCAVATOR			$71,408	27.55	7.71	10.12	2.65	0.00	59
H25LU007	MSD 40	MOBILE SHEAR - 27" OPENING, 8' 6" REACH, ADD 1.0 CY EXCAVATOR			$59,112	22.95	6.38	8.37	2.19	0.00	69
H25LU008	MSD 40R	ROTATING MOBILE SHEAR - 27" OPENING, 12' 6" REACH, ADD 1.25 CY EXCAVATOR			$77,692	29.94	8.39	11.01	2.88	0.00	87
H25LU009	MSD 50	MOBILE SHEAR - 32" OPENING, 9' 0" REACH, ADD 1.25 CY EXCAVATOR			$85,243	32.80	9.20	12.08	3.16	0.00	97
H25LU010	MSD 50R	ROTATING MOBILE SHEAR - 32" OPENING, 13' 4" REACH, ADD 1.6 CY EXCAVATOR			$102,686	39.46	11.09	14.55	3.81	0.00	120
H25LU011	MSD 70	MOBILE SHEAR - 35" OPENING, 10' 4" REACH, ADD 1.75 CY EXCAVATOR			$102,294	39.31	11.04	14.49	3.79	0.00	127
H25LU012	MSD 70R	ROTATING MOBILE SHEAR - 35" OPENING, 14' 4" REACH, ADD 2.0 CY EXCAVATOR			$125,506	48.27	13.54	17.78	4.65	0.00	149
H25LU013	MSD 100	MOBILE SHEAR - 38" OPENING, 11' 6" REACH, ADD 2.3 CY EXCAVATOR			$129,927	50.00	14.03	18.41	4.82	0.00	149
H25LU014	MSD 100R	ROTATING MOBILE SHEAR - 38" OPENING, 16' 0" REACH, ADD 2.5 CY EXCAVATOR			$152,270	58.54	16.44	21.57	5.65	0.00	175
H25LU015	MSD 140	MOBILE SHEAR - 44" OPENING 13' 10' REACH, ADD 3.0 CY EXCAVATOR			$149,742	57.61	16.16	21.21	5.55	0.00	190
H25LU016	MSD 140R	ROTATING MOBILE SHEAR - 44" OPENING, 18' 6" REACH, ADD 3.6 CY EXCAVATOR			$180,435	69.41	19.47	25.56	6.69	0.00	230
H25LU017	MPS 16	MOBILE PLATE SHEAR - 13" OPENING, ADD 1.25 CY EXCAVATOR			$58,300	22.46	6.29	8.26	2.16	0.00	40
H25LU018	MPS 16R	ROTATING MOBILE PLATE SHEAR - 13" OPENING, ADD 1.75 CY EXCAVATOR			$70,958	27.28	7.66	10.05	2.63	0.00	64

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H25			***LABOUNTY (continued)***									
	H25LU019	MPS 20	MOBILE PLATE SHEAR - 14" OPENING, ADD 1.75 CY EXCAVATOR			$84,208	32.36	9.09	11.93	3.12	0.00	60
	H25LU020	MPS 20R	ROTATING MOBILE PLATE SHEAR - 14" OPENING, ADD 2.30 CY EXCAVATOR			$96,865	37.33	10.45	13.72	3.59	0.00	84
	H25LU021	MWS 154	MOBILE WOOD SHEAR - 40" OPENING, 13' 0" REACH, ADD 1.25 CY EXCAVATOR			$66,522	25.56	7.18	9.42	2.47	0.00	74
	0.22	**ATTACHMENTS, MATERIAL HANDLING**										
			LABOUNTY									
	H25LU022	TR 80	.75 CY GRAPPLE - 3 TINES TOP, 4 TINES BOTTOM, ADD .35 CY EXCAVATOR			$5,534	2.06	0.58	0.74	0.21	0.00	8
	H25LU023	TR 100	1.25 CY GRAPPLE - 3 TINES TOP, 4 TINES BOTTOM, ADD .50 CY EXCAVATOR			$10,574	3.81	1.11	1.41	0.40	0.00	18
	H25LU024	TR 110	3.5 CY GRAPPLE - 3 TINES TOP, 4 TINES BOTTOM, ADD .88 CY EXCAVATOR			$15,440	5.50	1.62	2.06	0.59	0.00	27
	H25LU025	TR 120	3.5 CY GRAPPLE - 3 TINES TOP, 4 TINES BOTTOM, ADD 1.25 CY EXCAVATOR			$19,100	6.84	2.01	2.55	0.73	0.00	35
	H25LU026	TR 140	5.5 CY GRAPPLE - 3 TINES TOP, 4 TINES BOTTOM, ADD 1.6 CY EXCAVATOR			$21,939	7.90	2.31	2.93	0.84	0.00	49
	H25LU027	TR 160	6.5 CY GRAPPLE - 3 TINES TOP, 4 TINES BOTTOM, ADD 2.3 CY EXCAVATOR			$24,693	8.91	2.59	3.29	0.94	0.00	60
	H25LU028	TR 170	9 CY GRAPPLE - 3 TINES TOP, 4 TINES BOTTOM, ADD 3.0 CY EXCAVATOR			$31,773	11.41	3.34	4.24	1.22	0.00	80
	H25LU029	80 RB	ROTATING BARREL HANDLER ADD EXCAVATOR			$19,142	6.84	2.01	2.55	0.73	0.00	17
	H25LU030	80 RBC	ROTATING BARREL HANDLER/CRUSHER - ADD 1.0 CY EXCAVATOR			$31,733	11.29	3.33	4.23	1.21	0.00	21
	H25LU031	MD 30	MATERIAL DENSIFIER - ADD 1.25 CY EXCAVATOR			$60,136	21.46	6.31	8.02	2.30	0.00	60
	H25LU032	MD50	MATERIAL DENSIFIER - ADD 1.75 CY EXCAVATOR			$72,962	25.98	7.66	9.73	2.79	0.00	90
	H25LU033	80R	.75 CY ROTATING GRAPPLE - ADD .88 CY EXCAVATOR			$29,206	10.44	3.07	3.89	1.12	0.00	22
	H25LU034	100R	1 CY ROTATING GRAPPLE - ADD 1.25 CY EXCAVATOR			$41,106	14.65	4.31	5.48	1.57	0.00	40
	H25LU035	110R	1.25 CY ROTATING GRAPPLE - ADD 1.75 CY EXCAVATOR			$44,234	15.80	4.64	5.90	1.69	0.00	64

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H25			*LABOUNTY (continued)*									
	H25LU036	120R	2 CY ROTATING GRAPPLE - ADD 2.3 CY EXCAVATOR			$47,250	16.92	4.96	6.30	1.81	0.00	84
	H25LU037	CB2411	CATCH BASIN - 3 CY, 11000 LB CAPACITY FOR DEBRI COLLECTION			$40,148	13.53	4.22	5.35	1.54	0.00	90
	0.23		**ATTACHMENTS, CONCRETE PULVERIZERS**									
			DEMOLITION TECHNOLOGIES									
	H25DE003	DP100	MOUNTED DRILL PACKAGE - ADD BACKHOE			$25,031	11.65	2.71	3.55	0.93	0.00	8
	H25DE004	DP300	MTD DRILL PACKAGE - ADD HYD EXCAV			$38,585	17.37	4.17	5.47	1.43	0.00	22
			LABOUNTY									
	H25LU038	UP 4	UNIVERSAL PROCESSOR W/ CONCRETE CRACKING JAWS - 13.5" OPENING, 3' 9" REACH, ADD .2 CY EXCAVATOR			$16,126	6.61	1.74	2.28	0.60	0.00	4
	H25LU039	UP 6	UNIVERSAL PROCESSOR W/ CONCRETE CRACKING JAWS - 23.5" OPENING, 5' 10" REACH, ADD .4 CY EXCAVATOR			$25,782	10.44	2.79	3.65	0.96	0.00	12
	H25LU040	UP 50	UNIVERSAL PROCESSOR W/ CONCRETE PULVERIZER JAWS - 36" OPENING, 10' 6" REACH, ADD 1.25 CY EXCAVATOR			$59,672	24.19	6.44	8.45	2.21	0.00	82
	H25LU041	UP 70	UNIVERSAL PROCESSOR W/ CONCRETE PULVERIZER JAWS - 48.25" OPENING, 11' 6" REACH, ADD 1.6 CY EXCAVATOR			$78,956	32.04	8.53	11.19	2.93	0.00	97
	H25LU042	UP 90	UNIVERSAL PROCESSOR W/ CONCRETE PULVERIZER JAWS - 62" OPENING, 13' 0" REACH, ADD 2.3 CY EXCAVATOR			$109,870	44.54	11.85	15.56	4.07	0.00	166
	H25LU043	CP 10	CONCRETE PULVERIZER - 8" THICK CONCRETE, ADD .30 CY EXCAVATOR			$16,421	6.68	1.78	2.33	0.61	0.00	4
	H25LU044	CP 20	CONCRETE PULVERIZER - 12.5" THICK CONCRETE, ADD .50 CY EXCAVATOR			$20,266	8.21	2.19	2.87	0.75	0.00	8
	H25LU045	CP 30	CONCRETE PULVERIZER - 14.5" THICK CONCRETE, ADD .75 CY EXCAVATOR			$23,115	9.41	2.50	3.27	0.86	0.00	15
	H25LU046	CP 40	CONCRETE PULVERIZER - 24" THICK CONCRETE, ADD 1.0 CY EXCAVATOR			$25,992	10.51	2.80	3.68	0.96	0.00	23
	H25LU047	CP 60	CONCRETE PULVERIZER - 30" THICK CONCRETE, ADD 1.75 CY EXCAVATOR			$30,595	12.38	3.30	4.33	1.13	0.00	26

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H25			***LABOUNTY (continued)***											
	H25LU048	CP 80	CONCRETE PULVERIZER - 36" THICK CONCRETE, ADD 2.0 CY EXCAVATOR					$33,261	13.51	3.59	4.71	1.23	0.00	37
	H25LU049	CP 100	CONCRETE PULVERIZER - 42" THICK CONCRETE, ADD 3.0 CY EXCAVATOR					$41,064	16.63	4.43	5.82	1.52	0.00	49
	H25LU050	CP 120	CONCRETE PULVERIZER - 48" THICK CONCRETE, ADD 3.5 CY EXCAVATOR					$45,510	18.45	4.92	6.45	1.69	0.00	78
	H25LU051	CP 140	CONCRETE PULVERIZER - ADD 4.0 CY EXCAVATOR					$55,783	22.50	6.02	7.90	2.07	0.00	87
	H25LU052	CP 160	CONCRETE PULVERIZER - ADD 5.0 CY EXCAVATOR					$75,657	30.27	8.17	10.72	2.81	0.00	95
	0.24	**ATTACHMENTS, COMPACTORS**												
			LINK BELT											
	H25LB008	IF-80	COMPACTOR, 6.1 SF AREA					$6,641	2.66	0.72	0.94	0.25	0.00	9
	H25LB009	IF-170	COMPACTOR, 9.5 SF AREA					$9,285	3.68	1.00	1.32	0.34	0.00	22
H30	**HYDRAULIC EXCAVATORS, WHEEL MTD**													
	0.01	**0 THRU 1 CY**												
			AKERMAN, INC.											
	H30AK001	H7MC	.95 CY BUCKET, 4X4	145 HP	D-off			$170,381	43.40	14.78	16.87	6.34	4.18	322
			BADGER DIVISION, BADGER CONSTRUCTION EQUIPMENT COMPANY											
	H30BA001	300	.5 CY BUCKET, HYDRO-SCOPIC, 6X4	85 HP	D-off	200 HP	D-on	$170,146	43.10	14.54	16.42	6.33	3.95	326
	H30BA002	888	1.0 CY BUCKET, HYDRO-SCOPIC, 6X4	162 HP	D-off	230 HP	D-on	$263,253	66.92	22.82	26.06	9.79	6.40	518
			CATERPILLAR, INC.											
	H30CA001	206	.59 CY BUCKET	71 HP	D-off			$112,674	27.70	9.63	10.88	4.19	2.04	283
	H30CA002	212	.77 CY BUCKET	94 HP	D-off			$140,587	34.78	12.07	13.67	5.23	2.71	330
	H30CA003	214B	.91 CY BUCKET	110 HP	D-off			$163,236	40.40	14.04	15.93	6.07	3.17	366

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		GRADALL									
H30GA002	G660E	.500 CY BUCKET, 6X4,TELESCOPIC BOOM	177 HP D-off	210 HP D-on	$218,838	57.65	18.87	21.46	8.14	6.68	433
H30GA003	G3WD	.625 CY BUCKET, 4X2,TELESCOPIC BOOM	143 HP D-off		$141,357	36.95	12.19	13.85	5.26	4.12	340
H30GA004	G3WD	.625 CY BUCKET, 4X4,TELESCOPIC BOOM	143 HP D-off		$156,118	40.19	13.45	15.27	5.81	4.12	347
H30GA005	G880E	.750 CY BUCKET, 6X4,TELESCOPIC BOOM	162 HP D-off	225 HP D-on	$255,654	65.27	22.08	25.14	9.51	6.36	534
0.02	**OVER 1 CY**										
		AKERMAN, INC.									
H30AK002	H10MB	1.40 CY BUCKET, 4X4	166 HP D-off		$205,172	47.82	15.87	17.26	7.24	4.78	414
		CATERPILLAR, INC.									
H30CA004	224B	1.28 CY BUCKET	135 HP D-off		$208,627	47.26	16.07	17.42	7.36	3.89	472
		HUNDAI (Korea)									
H30HU001	ROBEX 200W	1.31 CY BUCKET	144 HP D-off		$134,461	32.83	10.31	11.14	4.74	4.15	414
H30HU002	A902	1.4 CY BUCKET	105 HP D-off		$154,995	35.35	11.87	12.79	5.47	3.02	397
		KUBOTA (Japan)									
H30KU001	DH200W	1.13 CY BUCKET	144 HP D-off		$134,891	32.97	10.31	11.09	4.76	4.15	423
H35	**HYDRAULIC SHOVELS, CRAWLER MOUNTED**										
0.11	**DIESEL, 0 CY THRU 5 CY**										
		HITACHI									
H35HI004	EX700	4.71 CY BUCKET, SHOVEL	414 HP D-off		$744,649	154.70	48.28	45.21	25.67	10.93	1,434
0.12	**DIESEL, OVER 5 CY**										
		HITACHI									
H35HI001	EX1000	6.50 CY BUCKET, SHOVEL	512 HP D-off		$873,365	179.90	53.11	46.40	29.91	13.52	2,060
H35HI002	EX1800	13.50 CY BUCKET, SHOVEL	920 HP D-off		1,581,306	325.49	96.16	84.01	54.16	24.29	3,900

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
H35			***HITACHI (continued)***									
	H35HI003	EX3500	23.50 CY BUCKET, SHOVEL	1,660 HP D-off		3,243,115	659.86	197.23	172.29	111.08	43.82	7,280
			O&K (Germany)									
	H35OK001	RH 40 D	7.9 CY BUCKET, SHOVEL	496 HP D-off		$794,837	164.74	48.34	42.23	27.22	13.09	2,051
	H35OK002	RH 75 C	10.6 CY BUCKET, SHOVEL	567 HP D-off		1,025,037	210.00	62.34	54.46	35.11	14.97	2,712
	H35OK003	RH 90 C	13.1 CY BUCKET, SHOVEL	856 HP D-off		1,473,219	303.20	89.59	78.26	50.46	22.60	3,484
	H35OK004	RH 120 C	17 CY BUCKET, SHOVEL	1,150 HP D-off		2,328,453	472.34	141.60	123.70	79.75	30.36	4,895
	H35OK005	RH 200	34 CY BUCKET, SHOVEL	2,060 HP D-off		4,564,637	919.39	277.60	242.50	156.35	54.38	10,253
L10	**LAND CLEARING EQUIPMENT**											
	0.00 LAND CLEARING EQUIPMENT											
			BALDERSON, INC.									
	L10BS001	BHTS 30	HYDR. TREE SHEAR FOR 953 LOADER			$23,640	7.13	2.06	2.36	0.88	0.00	41
	L10BS002	BMA8	MULTIAPPLICATION RAKE FOR D8N TRCTR			$20,260	6.07	1.77	2.03	0.75	0.00	70
	L10BS003	BTXC973	CLAMP RAKE FOR 973 LOADER			$28,063	8.30	2.45	2.81	1.04	0.00	59
	L10BS004	BBL7	BLADE RAKE FOR D7H TRACTOR			$9,223	2.87	0.80	0.92	0.34	0.00	24
	L10BS005	BRK8	ROCK & ROOT RAKE FOR D8N TRACTOR			$19,391	5.83	1.69	1.94	0.72	0.00	72
	L10BS006	BVT8	V-TREE CUTTER FOR D8N TRACTOR			$33,074	9.83	2.89	3.31	1.23	0.00	127
	L10BS007	988 DTC	LOGGING FORK FOR 988B LOADER			$34,520	10.33	3.01	3.45	1.28	0.00	90
			BUSH HOG									
	L10BU001	268RP	ROTARY CUTTER, 8'WIDTH, 2.5"-12" HT CENTER MOUNT (ADD 40HP TRACTOR)			$5,190	2.28	0.45	0.52	0.19	0.00	13
	L10BU002	1310SW	ROTARY CUTTER, 10.5'WIDTH, 2"-12"HT STRAIGHT BLADE (ADD 50HP TRACTOR)			$9,394	4.18	0.82	0.94	0.35	0.00	30
	L10BU003	1315SW	ROTARY CUTTER, 15' WIDTH, 2"-12"HT STRAIGHT BLADE (ADD 60HP TRACTOR)			$12,676	5.61	1.11	1.27	0.47	0.00	32
	L10BU004	1220SW	ROTARY CUTTER, 20' WIDTH, 2"-12"HT STRAIGHT BLADE (ADD 70HP TRACTOR)			$15,865	7.02	1.39	1.59	0.59	0.00	48
	L10BU005	SM-60	ROTARY CUTTER, SIDE MOUNT, 5' WIDTH MIN TRACTOR LIFT CAP - 3200# @ 24"			$6,424	2.93	0.56	0.64	0.24	0.00	16
	L10BU006	FM60-01	FLAIL MOWER, 57" WIDE, 4" HT, 1"CAP (ADD 15-40 HP TRACTOR)			$2,230	1.33	0.19	0.22	0.08	0.00	7

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L10			***BUSH HOG (continued)***										
	L10BU007	FM72-01	FLAIL MOWER, 68" WIDE, 4" HT, 1"CAP (ADD 15-40 HP TRACTOR)				$2,365	1.48	0.21	0.24	0.09	0.00	7
	L10BU008	FH60-01	FLAIL MOWER, 57" WIDE,0-3"HT, 2"CAP (ADD 30-60 HP TRACTOR)				$2,560	1.54	0.23	0.26	0.10	0.00	8
	L10BU009	FH174	FLAIL MOWER, 68" WIDE,0-3"HT, 2"CAP (ADD 30-60 HP TRACTOR)				$3,155	1.81	0.28	0.32	0.12	0.00	7
			VERMEER										
	L10VE001	206	STUMPER, 16" DIA WHEEL, TRAILER MTD	19 HP	G		$6,898	3.95	0.60	0.67	0.26	1.48	8
	L10VE002	630B	STUMPER, 18" DIA WHEEL, TRAILER MTD	34 HP	G		$10,419	6.56	0.91	1.03	0.39	2.66	16
	L10VE003	665B	STUMPER, 28" DIA WHEEL, TRAILER MTD	62 HP	G		$19,959	12.24	1.73	1.98	0.74	4.84	34
	L10VE004	2465	STUMPER, 36" DIA WHEEL, TRAILER MTD	62 HP	G		$30,142	15.13	2.62	2.99	1.12	4.84	49
	L10VE005	TS-30	TREE SPADE, 30" DIAMETER, 24" DEPTH TRAILER MOUNTED	13 HP	G		$13,527	5.23	1.17	1.33	0.50	1.02	38
	L10VE006	TS-44A	TREE SPADE, 44" DIAMETER, 40" DEPTH TRAILER MOUNTED	13 HP	G		$18,465	6.65	1.61	1.83	0.69	1.02	66
	L10VE007	TS-50M	TREE SPADE, 50" DIAMETER, 48" DEPTH (ADD 13,800 GVW TRUCK)				$18,469	6.77	1.62	1.85	0.69	0.00	81
	L10VE008	TS-84-T	TREE SPADE, 84" DIAMETER, 54" DEPTH (ADD 34,000 GVW TRUCK)				$61,878	20.63	5.40	6.19	2.30	0.00	271
			NO SPECIFIC MANUFACTURER										
	L10XX001		STUMP CUTTER, 15" REAR WHEEL CUTTER	18 HP	G		$5,448	3.45	0.47	0.54	0.20	1.41	4
L15	**LAWN MOWERS**												
	0.00 LAWN MOWERS												
			EXCEL INDUSTRIES, INC.										
	L15EX001	HUSTLER 275	60" 3-WAY DECK	23 HP	G		$13,907	9.59	2.01	2.91	0.55	2.41	21
	L15EX002	HUSTLER 320	72" STANDARD ROTARY MOWER DECK	22 HP	D-off		$15,596	8.29	2.25	3.27	0.61	0.79	24
	L15EX003	HUSTLER-320WI	72" STD DK W/RIGHT WING - 47" CUT	23 HP	D-off		$18,355	9.64	2.65	3.85	0.72	0.83	25
	L15EX004	HUSTLER 340	72" STANDARD ROTARY MOWER DECK	28 HP	D-off		$17,314	9.39	2.50	3.63	0.68	1.01	24
	L15EX005	HUSTLER 400	72" STANDARD ROTARY MOWER DECK	34 HP	G		$15,999	12.04	2.31	3.35	0.63	3.56	24
	L15EX006	HUSTLER 440	72" STANDARD ROTARY MOWER DECK	43 HP	G		$16,855	13.64	2.43	3.53	0.66	4.50	24

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L15			*EXCEL INDUSTRIES, INC. (continued)*										
	L15EX007	HUSTLER 440WI	72" STD DECK W/L&R WINGS - 12'2"CUT	43 HP	G		$19,778	15.02	2.86	4.16	0.78	4.50	25
	L15EX008	HUSTLER 640	72" HEAVY DUTY DUAL-TRIM DECK	29 HP	D-off		$30,068	15.35	4.32	6.28	1.18	1.04	37
	L15EX009	HI-LIFT BAC-VAC	72" LAWN VACUUM,STD DECK,15 BU CAP. (ADD MOWER MODEL 400)	43 HP	G		$19,411	14.84	2.80	4.08	0.76	4.50	25
			TORO										
	L15TO001	22525	21" REAR BAGGER - PUSH MOWER	5 HP	C		$791	1.04	0.12	0.17	0.03	0.52	1
	L15TO002	56150	32" RIDING MOWER	8 HP	G		$1,950	1.98	0.27	0.38	0.08	0.84	4
	L15TO003	30754	44" DECK GROUNDMASTER-118 TRACTOR	17 HP	G		$4,911	4.56	0.70	1.01	0.19	1.78	9
	L15TO004	30754	52" DECK W/GROUNDMASTER-118 TRACTOR	17 HP	G		$6,580	5.35	0.94	1.36	0.26	1.78	9
	L15TO005	30794	62" DECK W/GROUNDMASTER-223D TRACTR	21 HP	D-off		$16,025	8.47	2.31	3.36	0.63	0.76	13
	L15TO006	30790	62" DECK W/GROUNDMASTER-223 TRACTOR	20 HP	G		$15,194	9.78	2.19	3.18	0.60	2.09	11
	L15TO007	30790	72" DECK W/GROUNDMASTER-223 TRACTOR	20 HP	G		$15,722	10.02	2.27	3.29	0.62	2.09	13
	L15TO008	30794	72" DECK W/GROUNDMASTER-223D TRACTOR	21 HP	D-off		$16,582	8.73	2.39	3.48	0.65	0.76	16
L20	**LIGHTING SETS, TRAILER MOUNTED**												
	0.10 METALLIC VAPOR												
			ALLMAND BROTHERS, INC.										
	L20AB001	MAXI-LITE IIIH	6.0KW 4/1000W, W/GEN SET HYDRAULIC MAST, TRLR MTD	15 HP	D-off		$17,193	6.94	1.45	1.57	0.66	0.56	28
	L20AB002	MAXI-LITE IIICE	6.0KW 4/1000W, W/GEN SET CABLE ELECTRIC MAST, TRLR MTD	15 HP	D-off		$15,897	6.47	1.34	1.45	0.61	0.56	28
	L20AB003	SUNDOWNER 18	2.5 KW 2/1000W, W/GEN SET, TRLR MTD	5 HP	D-off		$10,693	4.09	0.89	0.96	0.41	0.19	16
	L20AB004	NITE-LITE 2B	2.5 KW 2/1000W, W/GEN SET, TRLR MTD	5 HP	D-off		$9,073	3.51	0.76	0.81	0.35	0.19	18
	L20AB005	NITE-LITE 4B	6.0 KW 4/1000W, W/GEN SET, TRLR MTD	10 HP	D-off		$12,622	5.04	1.05	1.14	0.48	0.38	21
	L20AB006	1800 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP	G		$5,038	2.50	0.41	0.43	0.19	0.55	12
	L20AB007	1800 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP	D-off		$6,103	2.42	0.50	0.53	0.23	0.19	12
	L20AB008	2000 SERIES	FLASHING ARROW, TRLR MTD, 15 LIGHT	5 HP	G		$5,519	2.67	0.45	0.47	0.21	0.55	13
	L20AB009	2000 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP	D-off		$5,819	2.31	0.47	0.50	0.22	0.19	14

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L20			***ALLMAND BROTHERS, INC. (continued)***										
	L20AB010	2200/SE ALT	FLASHING ARROW, TRLR MTD, 25 LIGHT SOLAR ASSIST	5 HP	E		$5,990	2.77	0.49	0.52	0.23	0.43	10
	L20AB011	2200/SE	FLASHING ARROW, TRLR MTD, 15 LIGHT RECHARGABLE	5 HP	E		$5,696	2.66	0.47	0.49	0.22	0.43	10
			AMIDA INDUSTRIES, INC.										
	L20AI001	MITI-LITE 500-4	4.0KW, 4/500W, W/GEN TRAILER MTD	4 HP	G		$4,029	2.00	0.33	0.36	0.15	0.44	6
	L20AI002	SL4060D-4MH	6.0KW, 4/1000W, W/GEN TRAILER MTD	11 HP	D-off		$15,412	6.14	1.31	1.43	0.59	0.41	21
	L20AI003	LT5080D-4MH	6.0KW, 4/1000W, W/GEN TRAILER MTD MANUAL-CABLE WINCH RAISED MAST	16 HP	D-off		$17,751	7.22	1.50	1.64	0.68	0.60	28
	L20AI004	LT7080D-6MH	8.0KW, 6/1000W, W/GEN TRAILER MTD HYDRAULIC RAISED MAST	16 HP	G		$23,136	10.69	1.97	2.15	0.89	1.77	33
L25	**LINE STRIPING EQUIPMENT**												
	0.00 LINE STRIPING EQUIPMENT												
			M-B										
	L25MB001	3-10	WALK BEHIND STRIPER	4 HP	G		$2,246	2.03	0.20	0.21	0.09	0.44	4
	L25MB002	5-10A	WALK BEHIND STRIPER	5 HP	G		$3,065	2.69	0.27	0.29	0.12	0.55	6
	L25MB003	6-28	INTERMEDIATE LINE STRIPER	10 HP	G		$10,063	5.87	0.86	0.94	0.39	1.11	15
	L25MB004	VANMARK 360	PAVING STRIPER WITH 11,000# GVW TRK	190 HP	G		$93,025	58.16	7.90	8.65	3.57	21.07	116
	L25MB005	5-12A	WALK BEHIND STRIPER	10 HP	G		$4,260	3.77	0.36	0.40	0.16	1.11	10
	L25MB006	245	INTERMEDIATE LINE STRIPER	60 HP	G		$47,230	24.80	4.03	4.43	1.81	6.65	48
L30	**LOADERS, BELT (CONVEYOR BELTS)**												
	0.00 LOADERS, BELT (CONVEYOR BELTS)												
			KOLMAN										
	L30KL001	101-XHD	24" X 50' - 355 TON/HR	10 HP	D-off		$29,379	7.50	2.13	2.11	1.07	0.29	96
	L30KL002	MODEL 45	PLATE FEEDER DOZER TRAP	5 HP	D-off		$8,720	2.29	0.67	0.70	0.32	0.14	34
	L30KL003		BELT FEEDER DOZER TRAP	3 HP	D-off		$11,137	2.80	0.86	0.89	0.41	0.09	33
	L30KL004		WING WALLS STATIONARY				$1,745	0.42	0.13	0.14	0.06	0.00	9

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L30			***KOLMAN (continued)***										
	L30KL005		TUNNEL EXTENSION WITH BACKBOARDS				$8,908	2.14	0.69	0.71	0.33	0.00	55
	L30KL006	SB-70	SINGLE DECK SCREEN, 7' X 42"	3 HP	D-off		$6,714	1.74	0.52	0.54	0.25	0.09	18
	L30KL007	DC-70-42	DOUBLE DECK SCREEN, 7' X 42"	5 HP	D-off		$9,118	2.38	0.70	0.73	0.33	0.14	25
	L30KL008	TC-70-42	TRIPLE DECK SCREEN, 7' X 42"	5 HP	D-off		$12,849	3.28	0.99	1.03	0.47	0.14	33
	L30KL009	XHD	CONVEYOR JACKLEG				$1,343	0.33	0.11	0.11	0.05	0.00	7
	L30KL010	101-XHD	30" X 50' - 615 TON/HR	20 HP	D-off		$31,015	8.28	2.24	2.21	1.13	0.58	105
	L30KL011	MODEL 45	PLATE FEEDER DOZER TRAP	8 HP	D-off		$10,251	2.77	0.78	0.82	0.37	0.23	42
	L30KL012		BELT FEEDER DOZER TRAP	5 HP	D-off		$12,346	3.16	0.95	0.99	0.45	0.14	40
	L30KL013		WING WALLS STATIONARY				$1,745	0.42	0.13	0.14	0.06	0.00	9
	L30KL014		TUNNEL EXTENSION WITH BACKBOARDS				$8,908	2.14	0.69	0.71	0.33	0.00	55
	L30KL015	SB-80	SINGLE DECK SCREEN, 8' X 48"	3 HP	D-off		$8,153	2.08	0.63	0.65	0.30	0.09	22
	L30KL016	DC-80-48	DOUBLE DECK SCREEN, 8' X 48"	5 HP	D-off		$11,199	2.89	0.86	0.90	0.41	0.14	34
	L30KL017	TC-80-48	TRIPLE DECK SCREEN, 8' X 48"	8 HP	D-off		$15,111	3.94	1.16	1.21	0.55	0.23	43
	L30KL018	XHD	CONVEYOR JACKLEG				$1,343	0.33	0.11	0.11	0.05	0.00	7
	L30KL019	101-XHD	36" X 50' - 910 TON/HR	30 HP	D-off		$37,272	10.21	2.70	2.67	1.36	0.86	111
	L30KL020	MODEL 45	PLATE FEEDER DOZER TRAP	9 HP	D-off		$10,849	2.97	0.84	0.87	0.40	0.26	45
	L30KL021		BELT FEEDER DOZER TRAP	7 HP	D-off		$13,348	3.49	1.03	1.07	0.49	0.20	42
	L30KL022		WING WALLS STATIONARY				$1,745	0.42	0.13	0.14	0.06	0.00	9
	L30KL023		TUNNEL EXTENSION WITH BACKBOARDS				$8,908	2.14	0.69	0.71	0.33	0.00	55
	L30KL024	SB-90	SINGLE DECK SCREEN, 9' X 54"	5 HP	D-off		$9,239	2.42	0.71	0.74	0.34	0.14	27
	L30KL025	DC-90-54	DOUBLE DECK SCREEN, 9' X 54"	8 HP	D-off		$12,789	3.39	0.98	1.02	0.47	0.23	42
	L30KL026	TC-90-54	TRIPLE DECK SCREEN, 9' X 54"	8 HP	D-off		$14,825	3.88	1.14	1.19	0.54	0.23	45
	L30KL027	XHD	CONVEYOR JACKLEG				$1,343	0.33	0.11	0.11	0.05	0.00	7
	L30KL028	101-XHD	42" X 50'- 1260 TON/HR	40 HP	D-off		$40,164	11.32	2.91	2.87	1.47	1.15	118
	L30KL029	MODEL 45	PLATE FEEDER DOZER TRAP	11 HP	D-off		$13,227	3.61	1.01	1.06	0.48	0.32	48
	L30KL030		BELT FEEDER DOZER TRAP	9 HP	D-off		$13,404	3.57	1.03	1.07	0.49	0.26	44
	L30KL031		WING WALLS STATIONARY				$1,745	0.42	0.13	0.14	0.06	0.00	9
	L30KL032		TUNNEL EXTENSION WITH BACKBOARDS				$8,908	2.14	0.69	0.71	0.33	0.00	55
	L30KL033	SB-100	SINGLE DECK SCREEN, 10' X 60"	5 HP	D-off		$11,965	3.07	0.92	0.96	0.44	0.14	36
	L30KL034	DC-100	DOUBLE DECK SCREEN, 10' X 60"	8 HP	D-off		$14,075	3.70	1.08	1.13	0.51	0.23	42
	L30KL035	THV-100	TRIPLE DECK SCREEN, 10' X 60"	10 HP	D-off		$21,509	5.57	1.65	1.72	0.79	0.29	61
	L30KL036	XHD	CONVEYOR JACKLEG				$1,343	0.33	0.11	0.11	0.05	0.00	7
	L30KL037	101-XHD	48" X 50'- 1700 TON/HR	50 HP	D-off		$52,977	14.86	3.85	3.83	1.93	1.44	140

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L30			***KOLMAN (continued)***									
	L30KL038	MODEL 45	PLATE FEEDER DOZER TRAP	15 HP D-off		$18,262	4.96	1.40	1.46	0.67	0.43	51
	L30KL039		BELT FEEDER DOZER TRAP	10 HP D-off		$17,531	4.60	1.34	1.40	0.64	0.29	48
	L30KL040		WING WALLS STATIONARY			$1,745	0.42	0.13	0.14	0.06	0.00	9
	L30KL041		TUNNEL EXTENSION WITH BACKBOARDS			$10,576	2.55	0.82	0.85	0.39	0.00	62
	L30KL042	SB-120	SINGLE DECK SCREEN, 12' X 60"	8 HP D-off		$13,930	3.66	1.07	1.11	0.51	0.23	45
	L30KL043	DHV-120	DOUBLE DECK SCREEN, 12' X 60"	10 HP D-off		$25,267	6.46	1.93	2.02	0.92	0.29	79
	L30KL044	THV-120	TRIPLE DECK SCREEN, 12' X 60"	10 HP D-off		$28,461	7.24	2.18	2.28	1.04	0.29	80
	L30KL045	XHD	CONVEYOR JACKLEG			$1,343	0.33	0.11	0.11	0.05	0.00	7
	L30KL046	303	2,000 CY/HR,48" X 50' BELT,PORTABLE	125 HP D-off		$206,239	54.56	15.53	16.00	7.53	3.60	627
	L30KL047	303	2,000 CY/HR,48" X 60' BELT,PORTABLE	185 HP D-off		$229,115	62.42	17.26	17.78	8.37	5.33	662
	L30KL048	303	3,600 CY/HR,60" X 50' BELT,PORTABLE	185 HP D-off		$236,697	64.46	17.72	18.15	8.64	5.33	682
	L30KL049	303	3,600 CY/HR,60" X 60' BELT,PORTABLE	290 HP D-off		$270,586	76.74	20.26	20.76	9.88	8.35	737
	L30KL050	404	2,000 CY/HR,48" X 50' BELT,PORTABLE	185 HP D-off		$253,866	68.32	19.18	19.81	9.27	5.33	616
	L30KL051	404	2,000 CY/HR,48" X 60' BELT,PORTABLE	185 HP D-off		$268,237	71.82	20.25	20.91	9.79	5.33	650
	L30KL052	404	3,600 CY/HR,60" X 50' BELT,PORTABLE	290 HP D-off		$303,967	84.66	22.87	23.53	11.10	8.35	671
	L30KL053	404	3,600 CY/HR,60" X 60' BELT,PORTABLE	290 HP D-off		$334,581	92.13	25.16	25.88	12.22	8.35	724
	L30KL054	SB-120	SINGLE DECK SCREEN, 12' X 72"	8 HP D-off		$18,390	4.73	1.41	1.47	0.67	0.23	50
	L30KL055	DHV-120	DOUBLE DECK SCREEN, 12' X 72"	15 HP D-off		$30,875	8.00	2.37	2.47	1.13	0.43	81
	L30KL056	THV-120	TRIPLE DECK SCREEN, 12' X 72"	15 HP D-off		$33,320	8.59	2.56	2.67	1.22	0.43	84
	L30KL057		SINGLE DECK VIBRATING GRIZZLE 72"W	15 HP D-off		$30,517	7.90	2.33	2.44	1.11	0.43	89
			MAXON INDUSTRIES									
	L30MX008		SLIDER BELT CONVEYOR 300 FPM, 1 CY PER MINUTE			$6,284	2.26	0.48	0.50	0.23	0.00	1
L35	**LOADERS, FRONT END, CRAWLER TYPE**											
	0.00 LOADERS, FRONT END, CRAWLER TYPE											
			CATERPILLAR, INC.									
	L35CA001	931C II	1.00 CY	67 HP D-off		$65,076	22.05	4.99	5.21	2.38	2.09	169
	L35CA002	931C II LGP	1.00 CY	67 HP D-off		$73,829	24.61	5.66	5.91	2.70	2.09	183
	L35CA003	935C	1.30 CY	78 HP D-off		$80,397	27.02	6.16	6.43	2.94	2.43	186
	L35CA004	943	1.50 CY	80 HP D-off		$117,705	38.02	9.01	9.42	4.30	2.50	270

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L35			*CATERPILLAR, INC. (continued)*										
	L35CA005	953	2.00 CY	110 HP	D-off		$151,931	49.36	11.63	12.15	5.55	3.43	311
	L35CA006	963	2.60 CY	150 HP	D-off		$203,391	66.22	15.57	16.27	7.43	4.68	405
	L35CA007	973	3.75 CY	210 HP	D-off		$306,140	98.95	23.43	24.49	11.18	6.55	552
			J. I. CASE COMPANY										
	L35CS001	455C	1.00 CY, POWERSHIFT	63 HP	D-off		$67,037	22.44	5.13	5.36	2.45	1.97	150
	L35CS002	855D	1.50 CY, POWERSHIFT/TC	82 HP	D-off		$89,393	29.83	6.84	7.15	3.26	2.56	208
	L35CS003	1155E	2.00 CY, POWERSHIFT/TC	118 HP	D-off		$115,898	39.19	8.87	9.27	4.23	3.68	284
			FIATALLIS NORTH AMERICA INC.										
	L35FI001	FL5B	1.00 CY, POWERSHIFT	70 HP	D-off		$74,619	24.96	5.71	5.97	2.72	2.18	183
	L35FI002	FL7B	1.50 CY, POWERSHIFT/TC	85 HP	D-off		$96,547	32.05	7.39	7.72	3.53	2.65	211
	L35FI003	FL10E	2.20 CY, POWERSHIFT/TC	127 HP	D-off		$149,548	49.44	11.44	11.96	5.46	3.96	294
	L35FI004	FL14E	2.75 CY, POWERSHIFT	168 HP	D-off		$194,956	64.56	14.92	15.60	7.12	5.24	392
	L35FI005	FL20	3.50 CY, POWERSHIFT	227 HP	D-off		$296,037	96.75	22.65	23.68	10.81	7.08	577
			HUNDAI (Korea)										
	L35HU001	LR611	1.57 CY	90 HP	D-off		$101,732	33.79	7.78	8.14	3.71	2.81	273
	L35HU002	LR621	1.96 CY	120 HP	D-off		$122,861	41.33	9.40	9.83	4.49	3.74	316
	L35HU003	LR631	2.22 CY	150 HP	D-off		$143,029	48.57	10.94	11.44	5.22	4.68	390
	L35HU004	LR641	3.27 CY	219 HP	D-off		$193,649	66.47	14.82	15.49	7.07	6.83	561
			DRESSER (Formerly INTERNATIONAL / DRESSER)										
	L35ID001	100G	.92 CY, POWERSHIFT	70 HP	D-off		$66,432	22.57	5.09	5.31	2.43	2.18	160
	L35ID002	125G	1.12 CY, POWERSHIFT	80 HP	D-off		$87,748	29.26	6.71	7.02	3.20	2.50	198
	L35ID003	175C	1.92 CY, POWERSHIFT	140 HP	D-off		$133,362	45.30	10.21	10.67	4.87	4.37	317
	L35ID004	200	2.11 CY, POWERSHIFT	165 HP	D-off		$172,355	57.82	13.19	13.79	6.29	5.15	379
	L35ID005	250E	3.25 CY, POWERSHIFT	215 HP	D-off		$209,497	70.94	16.03	16.76	7.65	6.71	460
			JOHN DEERE										
	L35JD002	455G	1.25 CY	70 HP	D-off		$65,109	22.19	4.99	5.21	2.38	2.18	175
	L35JD003	555G	1.50 CY	90 HP	D-off		$84,483	28.75	6.46	6.76	3.08	2.81	197

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L35			*JOHN DEERE (continued)*										
	L35JD004	655B	2.00 CY	120 HP	D-off		$116,019	39.32	8.88	9.28	4.24	3.74	324
	L35JD005	755B	2.25 CY	140 HP	D-off		$130,884	44.58	10.02	10.47	4.78	4.37	355
			KOMATSU DRESSER COMPANY (Formerly KOMATSU)										
	L35KM001	D31S-18	1.30 CY, HYDROSHIFT	70 HP	D-off		$64,684	22.05	4.95	5.17	2.36	2.18	168
	L35KM002	D41S-3	1.60 CY, HYDROSHIFT	90 HP	D-off		$112,815	37.04	8.64	9.03	4.12	2.81	262
	L35KM003	D53S-17	2.00 CY, POWERSHIFT	110 HP	D-off		$153,467	49.81	11.74	12.28	5.60	3.43	300
	L35KM004	D57S-1	2.10 CY, POWERSHIFT	135 HP	D-off		$161,854	53.40	12.39	12.95	5.91	4.21	340
	L35KM005	D66S-1	2.80 CY, HYDROSTATIC	160 HP	D-off		$206,926	67.70	15.84	16.55	7.56	4.99	422
	L35KM006	D75S-5	3.30 CY, POWERSHIFT	200 HP	D-off		$257,323	84.24	19.70	20.59	9.40	6.24	485
			TAKEUCHI (Japan)										
	L35TK001	TL26	.48 CY BUCKET	61 HP	D-off		$34,415	12.81	2.64	2.75	1.26	1.90	68
L40	**LOADERS, FRONT END, WHEEL TYPE**												
	0.11 ARTICULATED, 0 THRU 225 HP												
			CATERPILLAR, INC.										
	L40CA001	910E	1.25 CY, ARTICULATED	65 HP	D-off		$86,603	20.80	6.41	6.28	3.27	1.87	157
	L40CA002	916	1.50 CY, ARTICULATED	85 HP	D-off		$94,492	23.25	7.01	6.87	3.57	2.45	183
	L40CA003	926-E	2.00 CY, ARTICULATED	110 HP	D-off		$114,726	28.61	8.49	8.32	4.33	3.17	197
	L40CA004	936-F	2.75 CY, ARTICULATED	135 HP	D-off		$138,793	35.23	10.17	9.86	5.24	3.89	271
	L40CA005	950-F	3.25 CY, ARTICULATED	160 HP	D-off		$186,496	46.38	13.67	13.26	7.04	4.61	340
	L40CA006	966-F	4.50 CY, ARTICULATED	216 HP	D-off		$255,847	63.69	18.72	18.12	9.66	6.22	445
			J. I. CASE COMPANY										
	L40CS001	W-11B	1.00 CY, 4WD, ARTICULATED	69 HP	D-off		$60,418	15.71	4.44	4.32	2.28	1.99	105
	L40CS006	621	2.25 CY, 4WD, ARTICULATED	116 HP	D-off		$100,667	26.55	7.34	7.07	3.80	3.34	246
	L40CS007	721	2.50 CY, 4WD, ARTICULATED	140 HP	D-off		$125,545	32.59	9.21	8.94	4.74	4.03	273
	L40CS008	821	3.00 CY, 4WD, ARTICULATED	170 HP	D-off		$152,810	39.44	11.25	10.96	5.77	4.90	316

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		FIATALLIS NORTH AMERICA INC.									
L40FI001	FR7B	1.38 CY, 4WD, POWERSHIFT / TC	71 HP D-off		$78,553	19.44	5.81	5.68	2.97	2.04	153
L40FI002	FRPB	1.75 CY, 4WD, POWERSHIFT / TC	90 HP D-off		$90,052	22.61	6.66	6.52	3.40	2.59	172
L40FI003	FR10B	2.00 CY, 4WD, POWERSHIFT / TC	110 HP D-off		$102,675	26.18	7.59	7.41	3.88	3.17	206
L40FI004	FR11	2.25 CY, 4WD, POWERSHIFT / TC	125 HP D-off		$119,336	30.17	8.84	8.66	4.51	3.60	246
L40FI005	FR12B	2.62 CY, 4WD, POWERSHIFT / TC	140 HP D-off		$138,175	35.19	10.15	9.86	5.22	4.03	275
L40FI006	FR15B	3.25 CY, 4WD, POWERSHIFT / TC	185 HP D-off		$168,965	44.03	12.34	11.91	6.38	5.33	328
		FORD / NEW HOLLAND INC.									
L40FN001	345C	.75 CY	52 HP D-off		$31,227	8.86	2.29	2.21	1.18	1.50	85
L40FN002	445C	.87 CY	52 HP D-off		$33,873	9.38	2.48	2.40	1.28	1.50	86
L40FN003	545C	1.00 CY	62 HP D-off		$36,215	10.30	2.66	2.58	1.37	1.79	86
L40FN004	555C	1.12 CY	65 HP D-off		$41,322	11.48	3.04	2.95	1.56	1.87	90
		FURUKAWA									
L40FU001	FL120-1	1.75 CY, 4WD	80 HP D-off		$82,384	20.80	6.06	5.89	3.11	2.30	179
L40FU002	FL150-1	2.00 CY, 4WD	102 HP D-off		$97,003	24.70	7.16	6.99	3.66	2.94	213
L40FU003	FL200-1	2.60 CY, 4WD	140 HP D-off		$124,256	32.32	9.11	8.84	4.69	4.03	299
L40FU004	FL230-1	3.10 CY, 4WD	160 HP D-off		$146,183	37.60	10.77	10.49	5.52	4.61	311
L40FU005	FL330-1	4.30 CY, 4WD	217 HP D-off		$202,059	52.39	14.77	14.27	7.63	6.25	435
		HUNDAI (Korea)									
L40HU001	HL 17	2.2 CY, ARTICULATED	138 HP D-off		$107,326	28.08	7.93	7.75	4.05	3.97	255
L40HU002	HL 25	3.3 CY, ARTICULATED	171 HP D-off		$141,337	36.85	10.35	10.02	5.34	4.92	366
		DRESSER (Formerly INTERNATIONAL / DRESSER)									
L40ID005	540	3.10 CY, 4WD, ARTICULATED FRAME	205 HP D-off		$216,395	54.65	15.87	15.39	8.17	5.90	336
L40ID010	510C	1.15 CY, 4WD, ARTICULATED FRAME	93 HP D-off		$71,865	18.94	5.32	5.22	2.71	2.68	164
L40ID011	515C	1.60 CY, 4WD, ARTICULATED FRAME	115 HP D-off		$90,857	24.24	6.65	6.44	3.43	3.31	186
L40ID012	520C	2.15 CY, 4WD, ARTICULATED FRAME	144 HP D-off		$113,029	29.77	8.36	8.17	4.27	4.15	222
L40ID013	530C	2.60 CY, ARTICULATED FRAME	165 HP D-off		$161,110	41.00	11.85	11.53	6.08	4.75	362

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		JOHN DEERE										
L40JD001	344E	1.63 CY, 4WD, ARTICULATED	75 HP	D-off		$67,907	17.47	5.00	4.88	2.56	2.16	159
L40JD002	444E	1.75 CY, 4WD, ARTICULATED	95 HP	D-off		$79,372	20.70	5.86	5.72	3.00	2.74	172
L40JD003	544E	2.25 CY, 4WD, ARTICULATED	115 HP	D-off		$95,438	24.77	7.06	6.92	3.60	3.31	230
L40JD004	644E	3.25 CY, 4WD, ARTICULATED	160 HP	D-off		$144,401	37.11	10.65	10.40	5.45	4.61	334
		KAWASAKI										
L40KA001	65Z III	2.60 CY, 4WD, ARTICULATED	120 HP	D-off		$112,133	28.51	8.29	8.12	4.23	3.46	220
L40KA002	70ZII	3.25 CY, 4WD, ARTICULATED	158 HP	D-off		$137,614	35.79	10.12	9.84	5.20	4.55	305
L40KA003	80Z III	3.75 CY, 4WD, ARTICULATED	165 HP	D-off		$173,931	43.45	12.84	12.54	6.57	4.75	326
L40KA007	702 III	3.25 CY, 4WD, ARTICULATED	158 HP	D-off		$149,016	38.29	10.95	10.63	5.63	4.55	281
		KOBELCO (Japan)										
L40KC001	LK450 MARKII	2.0 CY, ARTICULATED	90 HP	D-off		$91,523	22.75	6.76	6.60	3.46	2.59	170
L40KC002	LK550 MARKII	2.6 CY, ARTICULATED	118 HP	D-off		$114,134	28.92	8.35	8.08	4.31	3.40	244
L40KC003	LK650 MARKII	3.5 CY, ARTICULATED	153 HP	D-off		$153,396	38.98	11.12	10.66	5.79	4.41	314
		KOMATSU DRESSER COMPANY (Formerly KOMATSU)										
L40KM001	WA120-1	2.25 CY, ARTICULATED, 4WD	94 HP	D-off		$96,460	23.84	7.15	7.02	3.64	2.71	180
L40KM002	WA180-1	2.9 CY, ARTICULATED, 4WD	118 HP	D-off		$110,433	27.73	8.20	8.05	4.17	3.40	206
L40KM003	WA250-1	3.5 CY, ARTICULATED, 4WD	144 HP	D-off		$132,815	33.44	9.85	9.67	5.01	4.15	252
L40KM004	WA320-1	4.2 CY, ARTICULATED, 4WD	166 HP	D-off		$165,449	40.95	12.31	12.12	6.25	4.78	289
L40KM005	WA380-1	5.25 CY, ARTICULATED. 4WD	196 HP	D-off		$198,643	49.14	14.45	13.89	7.50	5.64	369
L40KM006	WA420-1	6 CY, ARTICULATED, 4WD	224 HP	D-off		$233,861	57.45	17.10	16.54	8.83	6.45	417
		KUBOTA (Japan)										
L40KU001	MEGA 300	3.8 CY, ARTICULATED	201 HP	D-off		$159,177	41.79	11.68	11.33	6.01	5.79	373
		MICHIGAN / VOLVO (Formerly MICHIGAN / VME)										
L40MC001	L30	1.0 CY BUCKET, 4WD, ARTICULATED	74 HP	D-off		$68,452	17.37	5.03	4.90	2.58	2.13	131
L40MC002	L50	1.5 CY BUCKET, 4WD, ARTICULATEDD	84 HP	D-off		$99,306	24.01	7.36	7.21	3.75	2.42	161
L40MC003	L70	2.0 CY BUCKET, 4WD, ARTICULATED	110 HP	D-off		$118,197	29.03	8.75	8.58	4.46	3.17	210

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L40			***MICHIGAN / VOLVO (Formerly MICHIGAN / VME) (continued)***									
	L40MC004	L90	2.5 CY BUCKET, 4WD, ARTICULATED	145 HP D-off		$153,517	38.01	11.32	11.04	5.80	4.18	285
	L40MC005	L120	3.1 CY BUCKET, 4WD, ARTICULATED	190 HP D-off		$192,150	48.19	14.08	13.65	7.25	5.47	345
	L40MC006	L140	4.0 CY BUCKET, 4WD, ARTICULATED	203 HP D-off		$237,554	57.91	17.50	17.06	8.97	5.85	425
			O&K (Germany)									
	L40OK001	L 15	2 CY , ARTICULATED	101 HP D-off		$83,364	21.67	6.13	5.95	3.15	2.91	192
	L40OK002	L 20	2.5 CY , ARTICULATED	121 HP D-off		$96,238	25.51	6.98	6.69	3.63	3.48	234
	L40OK003	L 25	3 CY , ARTICULATED	152 HP D-off		$113,548	30.29	8.30	8.01	4.29	4.38	271
	L40OK004	L 30	3.7 CY , ARTICULATED	182 HP D-off		$133,408	35.63	9.41	8.74	5.04	5.24	359
			SAMSUNG (Japan)									
	L40SS001	SL150	4.25 CY, ARTICULATED	158 HP D-off		$143,326	36.64	10.51	10.20	5.41	4.55	299
	L40SS002	SL180	4.58 CY, ARTICULATED	178 HP D-off		$177,789	45.03	12.94	12.45	6.71	5.13	361
			O&K (Formerly TROJAN/O & K)									
	L40TR001	1500Z	1.75 CY, 4WD, ARTICULATED, PWRSHIFT	93 HP D-off		$79,128	20.72	5.82	5.65	2.99	2.68	179
	L40TR002	1700Z	2.25 CY, 4WD, ARTICULATED, PWRSHIFT	110 HP D-off		$83,279	22.28	6.12	5.96	3.14	3.17	203
	L40TR003	1900Z	2.50 CY, 4WD, ARTICULATED, PWRSHIFT	121 HP D-off		$95,489	25.20	7.05	6.87	3.61	3.48	220
	L40TR004	2000Z	3.00 CY, 4WD, ARTICULATED, PWRSHIFT	171 HP D-off		$127,981	34.40	9.39	9.12	4.83	4.92	297
	L40TR005	3500Z	3.75 CY, 4WD, ARTICULATED, PWRSHIFT	185 HP D-off		$153,602	40.95	11.18	10.76	5.80	5.33	376
	L40TR009	L2500	3.00 CY, 4WD ARTICULATED,POWERSHIFT	155 HP D-off		$133,420	34.81	9.81	9.53	5.04	4.46	297
	L40TR010	L3000	3.75 CY, 4WD ARTICULATED,POWERSHIFT	182 HP D-off		$170,735	44.27	12.48	12.05	6.45	5.24	366
	0.12	**ARTICULATED, OVER 225 HP**										
			CATERPILLAR, INC.									
	L40CA007	980-F	5.50 CY, ARTICULATED	270 HP D-off		$336,569	75.46	23.02	22.59	11.72	7.78	601
	L40CA008	988-B	7.00 CY, ARTICULATED	375 HP D-off		$499,153	108.48	34.01	33.26	17.38	10.80	898
	L40CA009	992-C	13.50 CY, ARTICULATED	690 HP D-off		1,014,663	219.47	68.70	66.74	35.33	19.87	1,931
			FIATALLIS NORTH AMERICA INC.									
	L40FI007	FR20B	4.00 CY, 4WD, POWERSHIFT / TC	230 HP D-off		$232,508	54.69	15.78	15.36	8.10	6.62	440

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L40			***FIATALLIS NORTH AMERICA INC. (continued)***										
	L40FI008	FR35	7.00 CY, 4WD, POWERSHIFT / TC	350 HP	D-off		$385,511	82.78	27.08	27.31	13.42	10.08	729
			HUNDAI (Korea)										
	L40HU003	HL 35	4.6 CY, ARTICULATED	251 HP	D-off		$182,748	43.90	12.31	11.89	6.36	7.23	461
			DRESSER (Formerly INTERNATIONAL / DRESSER)										
	L40ID007	560B	6.10 CY, 4WD, ARTICULATED	415 HP	D-off		$467,054	103.85	31.86	31.19	16.26	11.95	862
	L40ID008	570	12.00 CY, 4WD, ARTICULATED	590 HP	D-off		$848,615	183.08	57.69	56.28	29.55	16.99	1,101
	L40ID009	580	22.00 CY, ARTICULATED	1,100 HP	D-off		1,873,338	397.47	127.06	123.67	65.22	31.68	2,846
	L40ID014	555	4.40 CY, ARTICULATED FRAME	315 HP	D-off		$307,847	70.64	20.86	20.28	10.72	9.07	601
			KAWASAKI										
	L40KA004	85Z II	4.25 CY, 4WD, ARTICULATED	226 HP	D-off		$211,064	49.34	14.46	14.22	7.35	6.51	431
	L40KA005	95ZII	6.00 CY, 4WD, ARTICULATED	310 HP	D-off		$283,850	67.02	19.38	19.00	9.88	8.93	610
	L40KA006	115Z III	8.25 CY, 4WD, ARTICULATED	410 HP	D-off		$484,605	106.50	33.16	32.57	16.87	11.81	928
	L40KA008	95Z III	6.50 CY, 4WD, ARTICULATED	310 HP	D-off		$309,652	73.11	21.00	20.43	10.78	8.93	615
			KOBELCO (Japan)										
	L40KC004	LK1150 MARKII	6.25 CY, ARTICULATED	310 HP	D-off		$302,659	69.81	20.59	20.09	10.54	8.93	627
			KOMATSU DRESSER COMPANY (Formerly KOMATSU)										
	L40KM007	WA450-2	5.5 CY, ARTICULATED, 4WD	264 HP	D-off		$270,634	60.43	18.38	17.91	9.42	7.60	486
	L40KM008	WA500-1	6.05 CY, ARTICULATED, 4WD	291 HP	D-off		$351,837	76.43	23.94	23.37	12.25	8.38	637
	L40KM009	WA600-1	7.5 CY, ARTICULATED, 4WD	425 HP	D-off		$528,575	114.04	36.07	35.34	18.40	12.24	947
	L40KM010	WA700-1	11.1 CY, ARTICULATED, 4WD	641 HP	D-off		$956,475	201.74	65.12	63.64	33.30	18.46	1,511
	L40KM011	WA800-2	13.7 CY, ARTICULATED, 4WD	789 HP	D-off		1,242,200	260.06	84.68	82.85	43.25	22.72	2,041
			KUBOTA (Japan)										
	L40KU002	MEGA 400	5.1 CY, ARTICULATED	261 HP	D-off		$192,582	46.02	13.28	13.13	6.71	7.52	472

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		MICHIGAN / VOLVO (Formerly MICHIGAN / VME)										
L40MC007	L160	5.00 CY, 4WD, ARTICULATED	252 HP	D-off		$266,202	60.38	18.15	17.75	9.27	7.26	488
L40MC008	L190	5.25 CY, 4WD, ARTICULATED, PS/TC	290 HP	D-off		$312,281	69.29	21.16	20.57	10.87	8.35	549
L40MC009	L270	7.00 CY, 4WD, ARTICULATED, PS/TC	360 HP	D-off		$454,852	97.74	31.12	30.55	15.84	10.37	910
L40MC010	L320	8.00 CY, 4WD, ARTICULATED, PS/TC	417 HP	D-off		$482,557	105.48	32.84	32.08	16.80	12.01	964
L40MC011	L480	12.50 CY, 4WD, ARTICULATED, PS/TC	650 HP	D-off		$875,392	188.88	58.92	56.87	30.48	18.72	1,780
L40MC012	L480B	12.5 CY BUCKET, TURBO TRANSMISSION	679 HP	D-off		$925,094	198.92	62.41	60.39	32.21	19.56	1,634
		O&K (Germany)										
L40OK005	L 45 B	5 CY , ARTICULATED	240 HP	D-off		$188,001	45.03	12.45	11.79	6.55	6.91	485
		SAMSUNG (Japan)										
L40SS003	SL250	6 CY, ARTICULATED	256 HP	D-off		$237,183	54.39	16.30	16.07	8.26	7.37	455
		TEREX										
L40TE003	80C	5.50 CY, 4WD ARTICULATED,POWERSHIFT	315 HP	D-off		$283,948	67.24	19.40	19.01	9.89	9.07	591
L40TE004	85B	7.50 CY, 4WD ARTICULATED,POWERSHIFT	388 HP	D-off		$371,872	85.43	25.25	24.59	12.95	11.17	865
L40TE005	90C	7.50 CY, 4WD ARTICULATED,POWERSHIFT	460 HP	D-off		$433,340	99.99	29.39	28.59	15.09	13.25	978
		O&K (Formerly TROJAN/O & K)										
L40TR006	L4500	4.50 CY, 4WD ARTICULATED,POWERSHIFT	231 HP	D-off		$216,182	50.09	14.87	14.68	7.53	6.65	434
L40TR007	L5500	5.50 CY, 4WD ARTICULATED,POWERSHIFT	291 HP	D-off		$299,161	69.03	20.46	20.08	10.42	8.38	602
L40TR008	7500	7.50 CY, 4WD ARTICULATED,POWERSHIFT	402 HP	D-off		$392,970	91.29	26.35	25.34	13.68	11.58	850
0.20	**SKID STEER**											
		MELROE / BOBCAT										
L40ME001	440B	6 CWT, 36" BUCKET	16 HP	G		$7,478	4.07	0.65	0.76	0.27	1.45	21
L40ME002	443	6 CWT, 44" BUCKET	15 HP	D-off		$11,413	3.82	1.00	1.17	0.41	0.47	24
L40ME003	543	8 CWT, 48" BUCKET	22 HP	D-off		$14,795	5.05	1.30	1.54	0.53	0.69	33
L40ME004	642B	10 CWT, 54" BUCKET	32 HP	G		$14,894	8.06	1.31	1.54	0.54	2.90	38
L40ME006	742	13 CWT, 60" BUCKET	34 HP	G		$18,962	9.39	1.67	1.98	0.68	3.08	45
L40ME007	743B	13 CWT, 60" BUCKET	36 HP	D-off		$18,012	6.57	1.59	1.87	0.65	1.12	46

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L40			*MELROE / BOBCAT (continued)*										
	L40ME008	843	17 CWT, 60" BUCKET	54 HP	D-off		$28,330	10.27	2.48	2.92	1.02	1.68	63
	L40ME009	943	24 CWT, 66" BUCKET	69 HP	D-off		$31,824	11.97	2.77	3.25	1.14	2.15	88
	L40ME012	753	13 CWT, 60" BUCKET	40 HP	D-off		$21,043	7.59	1.86	2.20	0.76	1.25	46
	L40ME013	980	40 CWT, 93" BUCKET	94 HP	D-off		$62,283	21.62	5.40	6.31	2.24	2.93	145
	L40ME014	742B	13 CWT, 60" BUCKET	34 HP	G		$16,204	8.65	1.42	1.68	0.58	3.08	45
	0.31 TOOL CARRIER, 0 THRU 225 HP												
			CATERPILLAR, INC.										
	L40CA010	IT12B	INTEGRATED TOOL CARRIER	75 HP	D-off		$89,063	22.27	6.60	6.47	3.36	2.16	174
	L40CA011	IT18B	INTEGRATED TOOL CARRIER	95 HP	D-off		$104,746	26.44	7.76	7.62	3.95	2.74	220
	L40CA012	IT28B	INTEGRATED TOOL CARRIER	110 HP	D-off		$120,868	30.43	8.98	8.83	4.56	3.17	243
	L40CA013	IT14B	INTEGRATED TOOL CARRIER	85 HP	D-off		$96,392	24.23	7.15	7.02	3.64	2.45	200
			JCB (Korea)										
	L40JC001	504B	4500# LIFT CAPACITY, 4x4	76 HP	D-off		$49,789	13.98	3.64	3.52	1.88	2.19	107
	L40JC002	486	5500# LIFT CAPACITY, 4x4	102 HP	D-off		$58,983	17.04	4.33	4.19	2.23	2.94	140
	L40JC003	506B	6000# LIFT CAPACITY, 4x4x4	74 HP	D-off		$73,339	18.81	5.41	5.27	2.77	2.13	210
	0.32 TOOL CARRIER, OVER 225 HP												
			MICHIGAN / VOLVO (Formerly MICHIGAN / VME)										
	L40MC013	L160 HIGH-LIFT	2.8 SQ METER GRAPPLE ARMS	252 HP	D-off		$344,558	76.17	23.65	23.30	12.00	7.26	448
L45	**LOADERS WITH BACKHOE, CRAWLER TYPE**												
	0.00 LOADERS WITH BACKHOE, CRAWLER TYPE												
			CATERPILLAR, INC.										
	L45CA001	931-C II	1.00 CY FE BUCKET W/30" B/H BUCKET	67 HP	D-off		$86,204	28.23	6.60	6.90	3.15	2.09	225

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
L50	**LOADERS WITH BACKHOE, WHEEL TYPE**											
	0.00 LOADERS WITH BACKHOE, WHEEL TYPE											
		CATERPILLAR, INC.										
L50CA001	416-B	1.00 CY FE BUCKET W/24" B/H BUCKET	62 HP	D-off		$69,047	17.41	5.15	5.08	2.61	1.79	132
L50CA002	426-B	1.25 CY FE BUCKET W/30" B/H BUCKET	70 HP	D-off		$78,807	19.80	5.88	5.80	2.98	2.02	150
L50CA003	436-B	1.38 CY FE BUCKET W/30" B/H BUCKET	77 HP	D-off		$82,162	20.87	6.11	6.01	3.10	2.22	152
L50CA004	446	1.5 CY FE BUCKET W/30" B/H BUCKET	95 HP	D-off		$113,502	28.32	8.45	8.32	4.29	2.74	191
		J. I. CASE COMPANY										
L50CS002	580 SUPER K	1.00 CY FE BUCKET W/24" B/H DIP,2WD	70 HP	D-off		$60,103	15.82	4.47	4.40	2.27	2.02	134
L50CS003	580 SUPER K	1.00 CY FE BUCKET W/24" B/H DIP,4WD	70 HP	D-off		$67,404	17.36	5.01	4.94	2.54	2.02	134
		FORD / NEW HOLLAND INC.										
L50FN002	455C	1.00 CY FE BUCKET W/24" B/H DIPPER	55 HP	D-off		$46,052	12.20	3.42	3.35	1.74	1.58	114
L50FN004	555C	1.12 CY FE BUCKET W/24" B/H DIPPER	65 HP	D-off		$67,715	17.24	5.05	4.97	2.56	1.87	135
L50FN005	655C	1.50 CY FE BUCKET W/24" B/H DIPPER	75 HP	D-off		$75,704	19.41	5.63	5.53	2.86	2.16	149
L50FN006	755B	1.50 CY FE BUCKET W/24" B/H DIPPER	100 HP	D-off		$88,139	23.07	6.56	6.46	3.33	2.88	167
		JCB (Korea)										
L50JC001	210S	0.8 CY FE BUCKET, 30" B/H DIPPER, 4x4x4	65 HP	D-off		$46,721	12.82	3.41	3.29	1.76	1.87	109
L50JC002	214	1.1 CY FE BUCKET, 36" B/H DIPPER, 2x4	90 HP	D-off		$45,506	13.60	3.31	3.18	1.72	2.59	163
L50JC003	214S	1.25 CY FE BUCKET, 36" B/H DIPPER, 4x4x4	96 HP	D-off		$75,577	20.18	5.60	5.49	2.85	2.76	175
L50JC004	215	1.25 CY FE BUCKET, 36" B/H DIPPER, 4x4	90 HP	D-off		$66,243	18.04	4.87	4.73	2.50	2.59	155
L50JC005	215S	1.25 CY FE BUCKET, 36" B/H DIPPER, 4x4x4	96 HP	D-off		$75,158	20.08	5.58	5.48	2.84	2.76	167
L50JC006	217	1.5 CY FE BUCKET, 36" B/H DIPPER, 4x4	96 HP	D-off		$84,279	22.12	6.22	6.08	3.18	2.76	155
L50JC007	217S	1.5 CY FE BUCKET, 36" B/H DIPPER, 4x4x4	96 HP	D-off		$91,635	23.60	6.81	6.70	3.46	2.76	174
		JOHN DEERE										
L50JD001	310D	1.00 CY FE BUCKET W/18" B/H DIPPER	67 HP	D-off		$51,288	13.81	3.81	3.74	1.94	1.93	132
L50JD002	410D	1.00 CY FE BUCKET W/18" B/H DIPPER	75 HP	D-off		$61,869	16.40	4.61	4.53	2.34	2.16	146
L50JD003	510D	1.25 CY FE BUCKET W/18" B/H DIPPER	90 HP	D-off		$71,729	19.15	5.33	5.23	2.71	2.59	168

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L50			***JOHN DEERE (continued)***										
	L50JD005	710D	1.50 CY FE BUCKET W/24" B/H DIPPER	100 HP	D-off		$98,585	25.54	7.26	7.07	3.72	2.88	225
			KOBELCO (Japan)										
	L50KC001	TLK860	1.3 CY FE BUCKET, 24" DIPPER, 4WD	90 HP	D-off		$83,908	21.88	6.16	5.97	3.17	2.59	163
L55	**LOADER/BACKHOE, ATTACHMENTS**												
	0.00 LOADER/BACKHOE, ATTACHMENTS												
			KENT										
	L55KN001	KB-555	AIR RAM W/NARROW CHISEL (ADD COMPR)	175 CFM	A		$5,865	2.73	0.61	0.78	0.22	0.00	6
	L55KN002	KB-999	AIR RAM W/NARROW CHISEL (ADD COMPR)	250 CFM	A		$12,184	5.67	1.28	1.62	0.47	0.00	10
	L55KN003	KB-2600	AIR RAM W/CHISEL(ADD MIN .75CY B/H)	750 CFM	A		$24,730	11.37	2.60	3.30	0.95	0.00	22
	L55KN004	KHP-12	HYDRA-PAK TAMPER,HYD,21"W,30"L,27"H				$5,288	2.25	0.56	0.71	0.20	0.00	9
	L55KN005	KHP-225	HYDRA-PAK TAMPER,HYD,27"W,36"L,31"H (ADD MIN .75 CY BACKHOE)				$8,615	3.63	0.91	1.15	0.33	0.00	17
L60	**LOG SKIDDERS**												
	0.00 LOG SKIDDERS												
			CATERPILLAR, INC.										
	L60CA001	508	SKIDDER, CABLE, WITH 27,255# PULL	95 HP	D-off		$85,605	23.70	6.42	6.79	3.02	2.74	166
	L60CA002	508	SKIDDER, GRAPPLE WITH 27,225# PULL	95 HP	D-off		$99,709	26.80	7.51	7.98	3.52	2.74	182
	L60CA003	518 II	SKIDDER, CABLE WITH 32,000# PULL	120 HP	D-off		$107,928	29.56	8.15	8.68	3.81	3.46	223
	L60CA004	518 II	SKIDDER, GRAPPLE WITH 32,000# PULL	130 HP	D-off		$109,076	30.20	8.24	8.78	3.85	3.74	210
	L60CA005	528	SKIDDER, CABLE WITH 40,000# PULL	175 HP	D-off		$147,175	42.17	10.82	11.25	5.19	5.04	300
	L60CA006	FB-518	FELLER-BUNCHER, WHEEL MOUNTED	130 HP	D-off		$137,938	37.16	10.37	10.99	4.87	3.74	210
	L60CA007	FB-227	FELLER-BUNCHER, CRAWLER MOUNTED	135 HP	D-off		$301,341	71.61	23.44	25.61	10.63	3.89	706
			JOHN DEERE										
	L60JD001	540D	CABLE LOG SKIDDER,26,700# LINE PULL	100 HP	D-off		$90,362	24.30	6.92	7.45	3.19	2.88	165
	L60JD002	640D	CABLE LOG SKIDDER,32,100# LINE PULL	120 HP	D-off		$106,504	29.40	8.02	8.51	3.76	3.46	202

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
L60			*JOHN DEERE (continued)*										
	L60JD003	548D	GRAPPLE LOG SKIDR,26,600# LINE PULL	100 HP	D-off		$106,752	27.92	8.20	8.85	3.77	2.88	185
	L60JD004	648D	GRAPPLE LOG SKIDR,26,700# LINE PULL	120 HP	D-off		$124,636	33.40	9.43	10.05	4.40	3.46	244
	L60JD005	740A	GRAPPLE LOG SKIDR,51,880# LINE PULL	158 HP	D-off		$163,475	45.71	11.97	12.39	5.77	4.55	358
	L60JD006	643	FELLER BUNCHER, WHEEL MOUNTED	145 HP	D-off		$117,326	32.74	8.85	9.42	4.14	4.18	275
			RANGER (Formerly RANGER / VME)										
	L60RN001	F65	CABLE SKIDDER, LINE PULL 22,400#	104 HP	D-off		$93,445	24.96	7.16	7.72	3.30	3.00	163
	L60RN002	F66	CABLE SKIDDER, LINE PULL 29,200#	132 HP	D-off		$107,787	29.65	8.11	8.61	3.80	3.80	217
	L60RN003	F67	CABLE SKIDDER, LINE PULL 33,400#	159 HP	D-off		$124,584	34.38	9.41	10.04	4.39	4.58	220
	L60RN004	F68	CABLE SKIDDER, LINE PULL 34,600#	217 HP	D-off		$162,748	47.02	11.74	11.99	5.74	6.25	346
M10	**MARINE EQUIPMENT**												
	0.11 MARINE, AQUATIC MAINTENANCE - LAKES/HARBORS												
			AQUATICS UNLIMITED										
	M10AQ001	MPAR 160/163-TL	AQUAMOG, MARINE MAINTENANCE RIG 360 DEGREE SWING EXCAVATOR ARM, ADD ATTACHMENTS	163 HP	D-off		$201,373	48.74	15.61	17.01	7.10	4.69	270
	M10AQ002	PRX-163-TL	AQUAMOG, MARINE MAINTENANCE RIG 180 DEGREE SWING ARM, ADD ATTACHMENTS	163 HP	D-off		$173,391	42.84	13.44	14.63	6.12	4.69	185
	M10AQ003	SRX109	AQUAMOG, MARINE MAINTENANCE RIG	105 HP	D-off		$144,089	34.43	11.15	12.14	5.08	3.02	138
	0.12 ATTACHMENTS FOR (M10 .11)												
			AQUATICS UNLIMITED										
	M10AQ006	AUSC-800E	SHORE CONVEYOR				$24,679	7.67	1.79	1.70	0.94	0.00	28
	M10AQ007	AQUAMOG	AUGER HEAD ATTACHMENT, 8' WIDE				$38,096	11.47	4.00	5.08	1.46	0.00	24
	M10AQ010	AQUAMOG	CUTTERHEAD ATTACHMENT, 30" DIAMETER WITH 8" PUMP				$35,213	10.61	3.70	4.70	1.35	0.00	5
	M10AQ011	AQUAMOG	CUTTERHEAD ATTACHMENT, 26" DIAMETER WITH 6" PUMP				$31,642	9.53	3.32	4.22	1.21	0.00	4
	M10AQ012	AQUAMOG	AQUATIC PLANT CONTROL ATTACHMENT, 8' ROTOTILLER				$10,381	3.12	1.09	1.38	0.40	0.00	26

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
M10			***AQUATICS UNLIMITED (continued)***									
	M10AQ013	AQUAMOG	AQUATIC PLANT CONTROL ATTACHMENT, 6'6" ROTOTILLER 2000			$9,353	2.82	0.99	1.25	0.36	0.00	20
	M10AQ014	AQUAMOG	AQUATIC PLANT CONTROL ATTACHMENT, 10' T-BAR CUTTER			$4,916	1.49	0.52	0.66	0.19	0.00	4
	M10AQ015	AQUAMOG	AQUATIC PLANT CONTROL ATTACHMENT, 5' FLAIL CHOPPER			$5,380	1.63	0.57	0.72	0.21	0.00	10
	M10AQ016	AQUAMOG	AQUATIC PLANT CONTROL ATTACHMENT, 8' CLAM RAKE			$7,342	2.21	0.77	0.98	0.28	0.00	20
	M10AQ017	AQUAMOG	AQUATIC PLANT CONTROL ATTACHMENT, 8' RAKE			$3,160	0.95	0.33	0.42	0.12	0.00	27
	M10AQ018	AQUAMOG	AQUATIC PLANT CONTROL ATTACHMENT, SWING ARM, HYDRAULIC			$5,082	1.53	0.53	0.68	0.19	0.00	30
	M10AQ019	AQUAMOG	CLAM BUCKET ATTACHMENT, 24" FOR DREDGING			$5,732	1.72	0.60	0.76	0.22	0.00	8
	M10AQ020	AQUAMOG	CLAM BUCKET ATTACHMENT, 48" FOR DREDGING			$6,570	1.98	0.69	0.88	0.25	0.00	22
	0.21	**PORT. (TRUCKABLE) HYDRA, CUTTERHEAD DREDGE, 8' OR LESS**										
			CRISAFULLI PUMP									
	M10CP001	4X6130	YELLOWSTONE, 15' DREDGING DEPTH PUMP AT 700 GPM, 4" DISCHARGE DIA. WITH 8' CUTTERHEAD (ADD ATTACHMENTS)	140 HP D-off		$117,253	31.45	9.13	9.97	4.14	5.04	155
			DREDGING SUPPLY									
	M10DS001	PIRANHA	8" DREDGE WITH 22' CUTTERHEAD LADDER, 8"X8" DREDGE PUMP DEUTZ DIESEL ENGINE	170 HP D-off		$153,375	40.50	11.93	13.04	5.41	6.12	350
	M10DS002	PIRANHA	8" DREDGE WITH 22' CUTTERHEAD LADDER, 8"X8" DREDGE PUMP CATERPILLAR 3208 ENGINE	255 HP D-off		$161,393	46.26	12.55	13.72	5.69	9.18	400
	M10DS003	BARRACUDA	8" SWINGING LADDER/COMBO DREDGE CATERPILLAR 3306 ENGINE	250 HP D-off		$207,140	55.68	16.12	17.61	7.31	9.00	450
			KEENE ENGINEERING COMPANY									
	M10KK001	6G - NESSIE	CUTTERHEAD DREDGE, 6"DIA. DISCHARGE 20 ' MAX DEPTH,. 2400 GPM	175 HP G		$119,432	50.40	9.29	10.15	4.21	18.30	93

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
M10			***KEENE ENGINEERING COMPANY (continued)***										
	M10KK002	6D - NESSIE	CUTTERHEAD DREDGE, 6"DIA. DISCHARGE 20 ' MAX DEPTH,. 2400 GPM	250 HP	D-off		$124,052	38.14	9.65	10.54	4.38	9.00	107
	M10KK003	8G - NESSIE	CUTTERHEAD DREDGE, 8"DIA. DISCHARGE 20 ' MAX DEPTH,. 3200 GPM	175 HP	G		$129,841	52.61	10.10	11.04	4.58	18.30	106
	M10KK004	8D- NESSIE	CUTTERHEAD DREDGE, 8"DIA. DISCHARGE 20 ' MAX DEPTH,. 3200 GPM	250 HP	D-off		$135,406	40.54	10.54	11.51	4.78	9.00	116
	0.22	**PORT. (TRUCKABLE) HYDRA, CUTTERHEAD DREDGE OVER 8" - 12"**											
			CRISAFULLI PUMP										
	M10CP002	6X8170	STILLWATER, 20' DREDGING DEPTH, PUMP AT 2500 GPM, 5" DISCHARGE DIA, WITH 8' CUTTERHEAD (ADD ATTACHMENTS)	170 HP	D-off		$130,309	33.54	9.26	9.77	4.37	6.12	167
	M10CP003	8X10170	BIG SKY, 20' DREDGING DEPTH, PUMP AT 2500 GPM, 6" DISCHARGE DIA. WITH 8' CUTTERHEAD (ADD ATTACHMENTS)	170 HP	D-off		$137,644	34.96	9.77	10.32	4.61	6.12	167
			DELTA DREDGE										
	M10DD001	212D-MAXI	CUTTERHEAD DREDGE, 12" DISCHARGE DIAMETER	425 HP	D-off		$533,978	124.45	37.93	40.05	17.90	15.30	580
	M10DD002	212E-MAXI	CUTTERHEAD DREDGE, 12" DISCHARGE DIAMETER	500 HP	E		$777,075	212.72	55.19	58.28	26.05	40.00	580
			DREDGING SUPPLY										
	M10DS004	SHARK	10" DREDGE, 12"X10" DREDGE PUMP, 31' CUTTERHEAD, CAT 3406 ENGINE	402 HP	D-off		$225,543	63.22	16.02	16.92	7.56	14.47	620
	M10DS005	BARRACUDA	10" SWINGING LADDER/COMBO DREDGE 10"X10" DREDGE PUMP, CAT3406 ENGINE	369 HP	D-off		$285,950	73.41	20.31	21.45	9.58	13.28	720
	M10DS006	SHARK	10" DREDGE, 14"X12" DREDGE PUMP, 31' CUTTERHEAD, CAT 3408 ENGINE	624 HP	D-off		$313,404	90.97	22.26	23.51	10.50	22.46	1,100
	M10DS007	BARRACUDA	12" SWINGING LADDER/COMBO DREDGE CATERPILLAR 3408 ENGINE	624 HP	D-off		$341,136	96.38	24.23	25.59	11.43	22.46	900

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
0.23 PORT. (TRUCKABLE) HYDRA, AUGERHEAD DREDGE, 12" OR LESS											
		ELLICOTT MACHINE									
M10EL004	SP815	MUD CAT AUGERHEAD, 6" DISCHARGE DIAMETER	161 HP D-off		$178,324	47.66	13.87	15.16	6.29	5.80	330
M10EL005	SP915	MUD CAT AUGERHEAD, 6" DISCHARGE DIAMETER	175 HP D-off		$219,213	57.47	17.05	18.63	7.73	6.30	350
M10EL006	SP920	MUD CAT AUGERHEAD, 6" DISCHARGE DIAMETER	175 HP D-off		$259,915	66.59	20.22	22.09	9.17	6.30	360
M10EL007	MC915	MUD CAT AUGERHEAD,, 8" DISCHARGE DIAMETER	228 HP D-off		$199,883	55.69	15.55	16.99	7.05	8.21	400
M10EL008	MC920	MUD CAT AUGERHEAD., 8" DISCHARGE DIAMETER	228 HP D-off		$239,430	64.54	18.62	20.35	8.44	8.21	410
		H&H PUMP & DREDGE									
M10HH001	MDS-150-08	MODULAR DREDGING SYSTEM, 8" DIAM. DISCHARGE WITH 8' WIDE AUGER-TYNE CUTTERHEAD	150 HP D-off		$108,977	31.58	8.47	9.26	3.84	5.40	140
M10HH002	MDS-150-10	MODULAR DREDGING SYSTEM, 10" DIAM. DISCHARGE WITH 8' WIDE AUGER-TYNE CUTTERHEAD	150 HP D-off		$110,266	31.87	8.57	9.37	3.89	5.40	142
M10HH003	MDS-177-08	MODULAR DREDGING SYSTEM, 8" DIAM. DISCHARGE WITH 8' WIDE AUGER-TYNE CUTTERHEAD	177 HP D-off		$116,158	34.49	9.04	9.87	4.10	6.37	150
M10HH004	MDS-177-10	MODULAR DREDGING SYSTEM, 10" DIAM. DISCHARGE WITH 8' WIDE AUGER-TYNE CUTTERHEAD	177 HP D-off		$117,446	34.77	9.13	9.98	4.14	6.37	152
M10HH005	MDS-177-12	MODULAR DREDGING SYSTEM, 12" DIAM. DISCHARGE WITH 8' WIDE AUGER-TYNE CUTTERHEAD	177 HP D-off		$119,427	35.21	9.29	10.15	4.21	6.37	155
M10HH006	MDS-80-6	MINI-AUGER TYNE CUTTER, 8' WIDE 6" DIAMETER DISCHARGE	100 HP D-off		$68,497	20.13	5.33	5.82	2.42	3.60	95

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
0.24 PORT. (TRUCKABLE) HYDRA, FLOATING PUMPS, 12" OR LESS												
		CRISAFULLI PUMP										
M10CP004		4" FLUMP, UNMANNED, REMOTE CABLE CONTROLLED, AQUATIC MAINTENANCE SYSTEM WITH 90" AUGER CUTTERHEAD (ADD DISCHARGE LINE & CABLE SYSTEM)	40 HP	E		$54,890	19.21	5.00	6.18	1.91	3.20	38
M10CP005		3" FLUMP, UNMANNED, REMOTE CABLE CONTROLLED, AQUATIC MAINTENANCE SYSTEM WITH 48" AUGER CUTTERHEAD (ADD DISCHARGE LINE & CABLE SYSTEM)	25 HP	E		$51,374	16.45	4.68	5.78	1.79	2.00	34
M10CP006		FLUMP MANUAL TRAVERSING CABLING SYSTEM 2-POST, 500' CABLE, 2000 LB. CAPACITY				$1,343	0.65	0.13	0.15	0.05	0.00	3
M10CP007		DREDGE MANUAL TRAVERSING CABLING SYSTEM 2-POST, 700' CABLE, 4000 LB. CAPACITY				$3,553	1.32	0.32	0.40	0.12	0.00	5
M10CP008		FLUMP MANUAL TRANSVERSING CABLING SYSTEM 4-POST, 400'X200' CABLE, 2000 LB CAP				$6,147	2.10	0.55	0.69	0.21	0.00	8
M10CP009		DREDGE MANUAL TRAVERSING CABLING SYSTEM 4-POST, 600'X200', 4000 LB. CAPACITY				$12,080	3.75	1.10	1.36	0.42	0.00	12
0.26 ATTACHMENTS FOR (M10 .21 - M10 .25)												
		CRISAFULLI PUMP										
M10CP010		4" DIA. FLUMP FLOATING DISCHARGE LINE POLYETHYLENE, WITH FOAM FLOATS, 0-500' (25' ASSEMBLY)				$756	0.44	0.08	0.11	0.03	0.00	2
M10CP011		6" DIA. FLUMP FLOATING DISCHARGE LINE POLYETHYLENE, WITH FOAM FLOATS, 0-500' (20' ASSEMBLY)				$909	0.53	0.10	0.13	0.03	0.00	2
M10CP012		8" DIA. DREDGE FLOATING DISCHARGE LINE POLYETHYLENE, WITH FOAM FLOATS, 0-500' (25' ASSEMBLY)				$1,486	0.76	0.17	0.21	0.06	0.00	3
M10CP013		10" DIA. DREDGE FLOATING DISCHARGE LINE POLYETHYLENE, WITH FOAM FLOATS, 0-500' (25' ASSEMBLY)				$1,818	0.87	0.20	0.26	0.07	0.00	4

Table 2-I. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
M10			***CRISAFULLI PUMP (continued)***									
	M10CP014		4" DIA. FLUMP FLOATING DISCHARGE LINE ALUMINUM WITH ALUMINUM FLOATS 0-500' (20' ASSEMBLY)			$556	0.32	0.06	0.08	0.02	0.00	1
	M10CP015		6" DIA. FLUMP FLOATING DISCHARGE LINE ALUMINUM WITH ALUMINUM FLOATS 0-500' (20' ASSEMBLY)			$655	0.39	0.07	0.09	0.02	0.00	2
	M10CP016		8" DIA. DREDGE FLOATING DISCHARGE LINE ALUMINUM WITH FOAM FLOATS 0-500' (20' ASSEMBLY)			$998	0.56	0.11	0.14	0.04	0.00	3
	M10CP017		10" DIA. DREDGE FLOATING DISCHARGE LINE ALUMINUM WITH FOAM FLOATS 0-500' (20' ASSEMBLY)			$1,127	0.65	0.12	0.16	0.04	0.00	4
	M10CP018		4" DIA. FLUMP FLOATING DISCHARGE LINE ALUMINUM WITH FOAM FLOATS 0-500' (20' ASSEMBLY)			$716	0.42	0.08	0.10	0.03	0.00	2
	M10CP019		6" DIA. FLUMP FLOATING DISCHARGE LINE ALUMINUM WITH FOAM FLOATS 0-500' (20' ASSEMBLY)			$886	0.47	0.10	0.13	0.03	0.00	3
	M10CP020		8" DIA. DREDGE FLOATING DISCHARGE LINE ALUMINUM WITH ALUMINUM FLOATS 0-500' (20' ASSEMBLY)			$805	0.49	0.08	0.11	0.03	0.00	3
	0.32	**SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS**										
			KORI CORPORATION									
	M10KR001	4258-18	1 CY AMPHIBIOUS EXCAVATOR, CATERPILLAR MODEL 215	125 HP D-off		$245,308	55.35	17.23	17.38	8.54	3.60	550
	M10KR002	5528-18	1.25 CY AMPHIBIOUS EXCAVATOR, CATERPILLAR MODEL 225	150 HP D-off		$261,529	59.72	18.37	18.52	9.11	4.32	630
	M10KR003	4258-18	.50CY AMPHIBIOUS DRAGLINE, LITTLE GIANT MODEL 48	125 HP D-off		$250,129	56.34	17.57	17.72	8.71	3.60	530
	M10KR004	5528-18	.75CY AMPHIBIOUS DRAGLINE, LITTLE GIANT MODEL 64	185 HP D-off		$311,879	71.47	21.91	22.09	10.86	5.33	600
	M10KR005	4526-16	AMPHIBIOUS ROTARY DITCHER, MALETTI MODEL 2G100-110	185 HP D-off		$209,527	50.55	14.72	14.84	7.30	5.33	420
	M10KR006	4526-16	AMPHIBIOUS PERSONNEL/CARGO CARRIER	185 HP D-off		$199,222	48.44	14.00	14.11	6.94	5.33	410

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE		VALUE (TEV)	TOTAL HOURLY RATES ($/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			CWT
			MAIN	CARRIER	1992 ($)	AVERAGE	STANDBY	DEPR	FCCM	FUEL	
0.33 SMALL MECH DREDGES, HOE-MOUNTED DREDGING EXCAV.											
		ELLICOTT MACHINE									
M10EL009	HMDE-50	BACKHOE MOUNTED DREDGING EXCAVATOR, 6"-8" DISCHARGE DIAMETER, ADD 50 HP EXCAVATOR			$224,937	31.29	12.40	9.56	7.62	0.00	75
M10EL010	HMDE-60	BACKHOE MOUNTED DREDGING EXCAVATOR, 8"-12" DISCHARGE DIAMETER, ADD 100 HP EXCAVATOR			$379,811	52.14	20.93	16.14	12.86	0.00	180
M10EL011	HMDE-94	BACKHOE MOUNTED DREDGING EXCAVATOR, 10"-14" DISCHARGE DIAMETER, ADD 300 HP EXCAVATOR			$411,331	56.39	22.67	17.48	13.93	0.00	265
M10EL012	HMDE-120	BACKHOE MOUNTED DREDGING EXCAVATOR, 14"-18" DISCHARGE DIAMETER, ADD 500 HP EXCAVATOR			$821,604	111.64	45.28	34.92	27.82	0.00	850
0.41 WORK FLOATS (NON-DREDGING)											
		MARINE INLAND FABRICATERS									
M10MZ001		20'X8'X2' WORK FLOAT, MEDIUM DUTY			$4,241	1.25	0.47	0.64	0.15	0.00	43
M10MZ002		25'X8'X2' WORK FLOAT, MEDIUM DUTY			$5,636	1.66	0.63	0.85	0.20	0.00	53
M10MZ003		30'X10'X3' WORK FLOAT, MEDIUM DUTY			$8,548	2.51	0.95	1.28	0.31	0.00	82
0.42 WORK BARGES (SECTIONAL, NON-DREDGING)											
		MARINE INLAND FABRICATERS									
M10MZ004		35'X10'X3' WORK BARGE, MEDIUM DUTY			$13,592	2.74	1.07	1.22	0.46	0.00	131
M10MZ005		40'X12'X4' WORK BARGE, MEDIUM DUTY			$20,086	4.05	1.59	1.81	0.68	0.00	193
M10MZ006		45'X12'X4' WORK BARGE, MEDIUM DUTY			$22,868	4.62	1.81	2.06	0.78	0.00	220
M10MZ007		50'X14'X4' WORK BARGE, MEDIUM DUTY			$27,120	5.47	2.14	2.44	0.92	0.00	273
M10MZ008		55'X14'X5' WORK BARGE, MEDIUM DUTY			$30,186	6.10	2.39	2.72	1.03	0.00	319
M10MZ009		60'X16'X5' WORK BARGE, MEDIUM DUTY			$36,684	7.40	2.90	3.30	1.25	0.00	388

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
0.51 TUGS, BOATS & LAUNCHES, 0 THRU 250 HP												
		MARINE INLAND FABRICATERS										
M10MZ010		20'-3"X8'X3' TRUCKABLE WORKBOAT	140 HP	D-off		$23,978	10.18	1.68	1.70	0.83	4.03	95
M10MZ011		25'-3"X10'X3'6" TRUCKABLE WORKBOAT	210 HP	D-off		$38,498	15.74	2.71	2.73	1.34	6.05	190
M10MZ012		25'-3"X12'X4' TRUCKABLE WORKBOAT	210 HP	D-off		$49,491	17.73	3.48	3.51	1.72	6.05	210
M10MZ013		25'-3"X14'X4'6" TRUCKABLE WORKBOAT	210 HP	D-off		$64,607	20.47	4.54	4.58	2.25	6.05	260
		SEAARK MARINE										
M10SM001	17'	LITTLE GIANT, UTILITY SERIES, TRI-HULL, CAPACITY 2000 LBS	150 HP	G		$23,672	21.73	1.66	1.68	0.82	12.66	18
M10SM002	19'	LITTLE GIANT, UTILITY SERIES, TRI-HULL, CAPACITY 2400 LBS	185 HP	G		$24,985	26.05	1.76	1.77	0.87	15.62	20
M10SM003	21'	LITTLE GIANT, UTILITY SERIES, TRI-HULL, CAPACITY 2800 LBS	195 HP	G		$26,372	27.46	1.86	1.87	0.92	16.46	24
M10SM004	23'	LITTLE GIANT, UTILITY SERIES, TRI-HULL, CAPACITY 3400 LBS	195 HP	G		$27,609	27.69	1.94	1.96	0.96	16.46	28
M10SM005	18'	RIVER RUNNER, VEE HULL CAPACITY 1350 LBS	100 HP	G		$12,063	13.81	0.85	0.85	0.42	8.44	15
M10SM006	20'	RIVER RUNNER, VEE HULL CAPACITY 1650 LBS	115 HP	G		$12,664	15.68	0.89	0.90	0.44	9.71	15
M10SM007	17'	ROUSTABOUT, TRI HULL CAPACITY 2200 LBS	150 HP	G		$19,544	20.98	1.37	1.38	0.68	12.66	16
M10SM008	19'	ROUSTABOUT, TRI HULL CAPACITY 2600 LBS	185 HP	G		$20,435	25.22	1.44	1.45	0.71	15.62	17
M10SM009	21'	ROUSTABOUT, TRI HULL CAPACITY 3000 LBS	195 HP	G		$22,017	26.67	1.55	1.56	0.77	16.46	25
M10SM010	23'	ROUSTABOUT, TRI HULL CAPACITY 3600 LBS	195 HP	G		$23,591	26.95	1.66	1.67	0.82	16.46	29
0.52 TUGS, BOATS & LAUNCHES, 251 THRU 300 HP												
		SEAARK MARINE										
M10SM011	2008-B	TRANSPORTER SERIES, 20'3" LONG, HULL: FLAT OR 5 DEGREE VEE CAPACITY 3500 LBS	200 HP	G		$34,917	29.96	2.46	2.47	1.22	16.88	34
M10SM012	2408-B	TRANSPORTER SERIES, 24'3" LONG, HULL: FLAT OR 5 DEGREE VEE CAPACITY 4000 LBS	250 HP	G		$42,402	37.22	2.98	3.00	1.48	21.11	41

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
M10			***SEAARK MARINE (continued)***										
	M10SM013	2308-C	SURVEYOR SERIES, 22'10" LONG, HULL: FLAT OR 5 DEGREE VEE CAPACITY 4000 LBS	250 HP	G		$47,440	38.19	3.33	3.36	1.65	21.11	42
	M10SM016	2008-C	SURVEYOR SERIES, 20'4" LONG TRI HULL, CAPACITY 3500 LBS	200 HP	G		$49,738	32.80	3.49	3.52	1.73	16.88	28
	0.53	**TUGS, BOATS & LAUNCHES, 301 THRU 500 HP**											
			SEAARK MARINE										
	M10SM014	2608-C	SURVEYOR SERIES, 25'10" LONG, TRI HULL, CAPACITY 4500 LBS	300 HP	G		$49,849	43.33	3.24	3.03	1.72	25.33	37
	M10SM015	2610-C	SURVEYOR SERIES, 26'8" LONG, TRI HULL, CAPACITY 6000 LBS	400 HP	G		$78,275	59.77	5.08	4.75	2.70	33.77	58
P10	**PILE EXTRACTORS & LEADS**												
	0.00	**PILE EXTRACTORS & LEADS**											
			INTERNATIONAL CONST. EQUIP. (I.C.E)										
	P10IC001	216	EXTRACTOR, LINE PULL 30 TON	155 HP	D-off		$88,734	34.42	8.51	9.61	3.70	4.46	130
	P10IC002	416L	EXTRACTOR, LINE PULL 40 TON	250 HP	D-off		$147,132	56.81	14.10	15.94	6.13	7.20	220
	P10IC003	612	EXTRACTOR, LINE PULL 40 TON	250 HP	D-off		$170,899	64.37	16.38	18.51	7.12	7.20	226
	P10IC004	815	EXTRACTOR, LINE PULL 50 TON	503 HP	D-off		$223,240	91.09	21.39	24.18	9.30	14.49	306
	P10IC005	1412B	EXTRACTOR, LINE PULL 100 TON	650 HP	D-off		$399,199	153.00	38.26	43.25	16.63	18.72	391
			NO SPECIFIC MANUFACTURER										
	P10XX001		LEADS, 8" X 21", LENGTH 60'				$14,490	5.61	1.39	1.57	0.60	0.00	57
	P10XX002		LEADS, 8" X 26", LENGTH 60'				$17,750	7.65	1.70	1.92	0.74	0.00	78
	P10XX003		LEADS, 10" X 37", LENGTH 60'				$29,569	12.42	2.83	3.20	1.23	0.00	135

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER FUEL TYPE MAIN		ENGINE HORSEPOWER FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
P20	**PILE HAMMERS, DOUBLE ACTING**											
0.00 PILE HAMMERS, DOUBLE ACTING												
		INTERNATIONAL CONST. EQUIP. (I.C.E)										
P20IC001	180	8,100 FT-LBS, MAXIMUM STROKE 4'9"	23 HP	D-off		$43,118	17.38	4.14	4.67	1.80	0.66	52
P20IC002	440	18,100 FT-LBS, MAXIMUM STROKE 4'8"	50 HP	D-off		$69,447	28.49	6.65	7.52	2.89	1.44	122
P20IC003	520	30,000 FT-LBS, MAXIMUM STROKE 5'11"	76 HP	D-off		$83,286	34.82	7.98	9.02	3.47	2.19	159
P20IC004	640	40,000 FT-LBS, MAXIMUM STROKE 6'8"	90 HP	D-off		$87,877	37.12	8.42	9.52	3.66	2.59	169
P20IC005	660	50,000 FT-LBS, MAXIMUM STROKE N/A	133 HP	D-off		$121,965	51.85	11.69	13.21	5.08	3.83	285
P20IC006	1070	70,000 FT-LBS, MAXIMUM STROKE 7'0"	136 HP	D-off		$136,318	57.45	13.07	14.77	5.68	3.92	255
		MKT MANUFACTURING INC. (Formerly MKT GEOTECHNICAL)										
P20MK001	DA-15C	9,350 FT-LBS,MAXIMUM STROKE 10'-6" DIESEL, (FUEL NOT INCLUDED)				$51,875	20.13	4.97	5.62	2.16	0.00	60
P20MK002	5	1,000 FT-LBS,MAXIMUM STROKE 7" (ADD COMPRESSOR)	250 CFM	A		$16,704	6.63	1.61	1.81	0.70	0.00	17
P20MK003	6	2,500 FT-LBS,MAXIMUM STROKE 8-3/4" (ADD COMPRESSOR)	400 CFM	A		$21,166	8.42	2.03	2.29	0.88	0.00	31
P20MK004	7	4,150 FT-LBS,MAXIMUM STROKE 9-1/2" (ADD COMPRESSOR)	450 CFM	A		$26,103	10.42	2.51	2.83	1.09	0.00	42
P20MK005	9B3	8,750 FT-LBS,MAXIMUM STROKE 17" (ADD COMPRESSOR)	600 CFM	A		$44,296	17.43	4.25	4.80	1.85	0.00	74
P20MK006	10B3	13,100 FT-LBS,MAXIMUM STROKE 19" (ADD COMPRESSOR)	750 CFM	A		$49,485	19.55	4.74	5.36	2.06	0.00	114
P20MK007	11B3	19,150 FT-LBS,MAXIMUM STROKE 19" (ADD COMPRESSOR)	900 CFM	A		$54,311	21.39	5.20	5.88	2.26	0.00	141
		VULCAN										
P20VU001	50C	15,100 FT-LBS,MAXIMUM STROKE 15'-6" (ADD COMPRESSOR)	1,250 CFM	A		$62,115	24.40	5.96	6.73	2.59	0.00	153
P20VU002	65CA	19,200 FT-LBS,MAXIMUM STROKE 15'-6" (ADD COMPRESSOR)	1,450 CFM	A		$70,767	27.83	6.79	7.67	2.95	0.00	153
P20VU003	80C	24,450 FT-LBS,MAXIMUM STROKE 16'-6" (ADD COMPRESSOR)	1,750 CFM	A		$76,308	30.09	7.32	8.27	3.18	0.00	184

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
P20			***VULCAN (continued)***									
	P20VU004	100C	32,900 FT-LBS,MAXIMUM STROKE N/A* (ADD COMPRESSOR)	2,050 CFM A		$93,602	36.86	8.97	10.14	3.90	0.00	232
	P20VU005	140C	36,000 FT-LBS,MAXIMUM STROKE 15'-6" (ADD COMPRESSOR)	2,150 CFM A		$114,542	44.90	10.98	12.41	4.77	0.00	287
	P20VU006	200C	50,200 FT-LBS,MAXIMUM STROKE 15'-6" (ADD COMPRESSOR)	2,550 CFM A		$164,191	64.08	15.74	17.79	6.84	0.00	398
P25	**PILE HAMMERS, SINGLE ACTING**											
	0.00 PILE HAMMERS, SINGLE ACTING											
			DELMAG (Germany)									
	P25DL001	D6-32	10,500 FT-LBS, MAX STROKE 11'8"			$46,430	17.25	4.45	5.03	1.93	0.00	38
	P25DL002	D8-22	18,000 FT-LBS, MAX STROKE 11'8"			$51,728	19.16	4.95	5.60	2.15	0.00	42
	P25DL003	D12-32	31,320 FT-LBS, MAX STROKE 11'8"			$68,662	25.28	6.58	7.44	2.86	0.00	63
	P25DL004	D19-32	42,800 FT-LBS, MAX STROKE 11'8"			$81,583	29.94	7.82	8.84	3.40	0.00	76
	P25DL005	D25-32	58,248 FT-LBS, MAX STROKE 11'8"			$120,974	44.41	11.60	13.11	5.04	0.00	122
	P25DL006	D30-32	69,898 FT-LBS, MAX STROKE 11'8"			$127,561	46.77	12.22	13.82	5.31	0.00	133
	P25DL007	D36-32	83,880 FT-LBS, MAX STROKE 11'8"			$168,978	61.73	16.20	18.31	7.04	0.00	174
	P25DL008	D46-32	107,177 FT-LBS, MAX STROKE 11'8"			$189,403	69.09	18.15	20.52	7.89	0.00	196
	P25DL009	D62-32	165,000 FT-LBS, MAX STROKE 11'8"			$321,206	116.90	30.78	34.80	13.38	0.00	280
	P25DL010	D80-23	225,000 FT-LBS, MAX STROKE 11'8"			$428,753	155.71	41.09	46.45	17.86	0.00	377
	P25DL011	D100-13	300,000 FT-LBS, MAX STROKE 11'8"			$481,297	174.66	46.12	52.14	20.05	0.00	454
			MKT MANUFACTURING INC. (Formerly MKT GEOTECHNICAL)									
	P25MK001	DE-33/30/20B	28,050 FT-LBS,MAXIMUM STROKE 10'-6" DIESEL, (FUEL NOT INCLUDED)			$59,069	21.63	5.66	6.40	2.46	0.00	78
	P25MK002	DA-35C	21,050 FT-LBS,MAXIMUM STROKE 10'-6" DIESEL, (FUEL NOT INCLUDED)			$65,975	24.32	6.33	7.15	2.75	0.00	113
	P25MK003	DE-70B/50B	42,000 FT-LBS,MAXIMUM STROKE 10'-9", 7000# RAM, DIESEL(FUEL NOT INCLUDED)			$93,439	34.32	8.95	10.12	3.89	0.00	140
			VULCAN									
	P25VU001	1	15,000 FT-LBS (ADD COMPRESSOR)	750 CFM A		$45,710	16.94	4.38	4.95	1.90	0.00	101
	P25VU002	06	19,500 FT-LBS (ADD COMPRESSOR)	900 CFM A		$54,122	20.03	5.18	5.86	2.25	0.00	121

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
P25			*VULCAN (continued)*										
	P25VU003	08	26,000 FT-LBS (ADD COMPRESSOR)	1,100 CFM	A		$65,896	24.38	6.31	7.14	2.74	0.00	175
	P25VU004	010	32,900 FT-LBS (ADD COMPRESSOR)	1,350 CFM	A		$69,834	25.95	6.70	7.57	2.91	0.00	195
	P25VU005	012	39,000 FT-LBS (ADD COMPRESSOR)	1,500 CFM	A		$78,697	29.05	7.55	8.53	3.28	0.00	215
	P25VU006	014	42,000 FT-LBS (ADD COMPRESSOR)	1,750 CFM	A		$94,773	35.15	9.09	10.27	3.95	0.00	283
	P25VU007	016	48,750 FT-LBS (ADD COMPRESSOR)	1,750 CFM	A		$106,212	39.27	10.18	11.51	4.42	0.00	320
	P25VU008	020	60,000 FT-LBS (ADD COMPRESSOR)	2,150 CFM	A		$138,373	51.09	13.26	14.99	5.76	0.00	425
	P25VU009	030	90,000 FT-LBS (ADD COMPRESSOR)	2,350 CFM	A		$157,000	57.93	15.05	17.01	6.54	0.00	575
P30	**PILE HAMMERS, VIBRATORY**												
	0.00 PILE HAMMERS, VIBRATORY												
			H&M VIBRO, INC										
	P30HM001	H-75A	VIBRATORY DRIVER/EXTRACTOR PILE DRIVER, ADD 20-TON RT CRANE	75 HP	D-off		$75,541	30.24	7.24	8.18	3.15	2.16	40
			MKT MANUFACTURING INC. (Formerly MKT GEOTECHNICAL)										
	P30MK001	V-5B	MAXIMUM DRIVING FORCE 40 TON	113 HP	D-off		$87,932	36.21	8.43	9.53	3.66	3.25	108
	P30MK002	V-17	MAXIMUM DRIVING FORCE 80 TON	280 HP	D-off		$150,643	65.46	14.44	16.32	6.28	8.06	211
	P30MK003	V-20	MAXIMUM DRIVING FORCE 116 TON	350 HP	D-off		$207,589	88.80	19.90	22.49	8.65	10.08	239
	P30MK004	V-30	MAXIMUM DRIVING FORCE 160 TON	550 HP	D-off		$241,238	108.86	23.12	26.13	10.05	15.84	345
	P30MK005	V-36	MAXIMUM DRIVING FORCE 182 TON	650 HP	D-off		$300,854	134.34	28.83	32.59	12.53	18.72	440
P35	**PIPELAYERS**												
	0.00 PIPELAYERS												
			CATERPILLAR, INC.										
	P35CA002	571G	18 FT BOOM, 60,000 LB CAP	200 HP	D-off		$281,950	65.26	19.34	17.62	10.53	3.20	502
	P35CA003	572G	18 FT BOOM, 90,000 LB CAP	200 HP	D-off		$323,307	74.15	22.19	20.21	12.08	3.20	605
	P35CA005	578	PIPELAYER, 20'BOOM, 155,000LB CAP	300 HP	D-off		$450,819	103.90	30.93	28.18	16.84	4.80	1,019
	P35CA006	589	PIPELAYER, 25'BOOM, 230,000LB CAP	420 HP	D-off		$622,076	143.50	42.68	38.88	23.24	6.72	1,451

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
P40	**PLATFORMS, AERIAL WORK**												
	0.00 PLATFORMS, AERIAL WORK												
			GROVE WORLDWIDE (Includes GROVE & MANLIFT)										
	P40GV001	SM3184	SCISSOR, M-LIFT, 31' HT, 2000# CAP	20 HP	G		$33,450	10.59	2.87	3.25	1.24	1.31	78
	P40GV002	SM3884	SCISSOR, M-LIFT,38' HT, 1750# CAP	20 HP	G		$37,487	11.66	3.19	3.60	1.39	1.31	94
	P40GV003	SM4688	SCISSOR, M-LIFT, 46' HT, 1500# CAP	20 HP	G		$44,651	13.55	3.82	4.32	1.66	1.31	106
	P40GV004	MZ48B	BOOM MTD M-LIFT, 48'HT 600# CAP S/P	30 HP	G		$74,086	22.79	6.41	7.30	2.76	1.97	115
	P40GV005	MZ66A	BOOM MTD M-LIFT, 66'HT 850# CAP S/P	62 HP	G		$114,170	36.47	9.47	10.44	4.25	4.06	297
	P40GV006	MZ76	BOOM MTD M-LIFT, 76'HT 750# CAP S/P	62 HP	G		$135,446	41.87	11.41	12.73	5.04	4.06	360
	P40GV007	MZ90	BOOM MTD M-LIFT, 90'HT 750# CAP S/P	62 HP	G		$162,499	48.96	13.80	15.52	6.04	4.06	417
	P40GV008	MZ116B	BOOM MTD M-LIFT, 116'HT 700# CAP	62 HP	G		$228,448	66.39	19.56	22.12	8.50	4.06	430
	P40GV009	AMZ40BXT	ART BOOM,M-LIFT,40'HT,500# CAP,4WD	20 HP	G		$53,513	16.47	4.63	5.28	1.99	1.31	110
	P40GV010	AMZ50XT	ART BOOM,M-LIFT,50'H,600# CAP,4WD	33 HP	G		$64,833	20.62	5.62	6.41	2.41	2.16	157
	P40GV011	AMZ66XT	ART BOOM,M-LIFT,66'H,600# CAP,4WD	53 HP	G		$115,900	35.92	9.97	11.31	4.31	3.47	233
			REACH ALL										
	P40RE001	AP41MH	LINE TRUCK W/ AERIAL PLATFORM, 32' REACH WORKING HEIGHT 46', 2100# CAPACITY	165 HP	G		$85,584	37.90	7.41	8.46	3.18	10.81	160
P45	**PUMPS, GROUT**												
	0.00 PUMPS, GROUT												
			CHEMGROUT INC.										
	P45CG001	CG-050	GROUT PUMP,PORTABLE, 5 GPM, 100 PSI (ADD AIR COMPRESSOR)	15 CFM	A		$3,017	0.95	0.27	0.32	0.11	0.00	1
	P45CG002	CG-550P	GROUT PLANT/MIXER, 5 GPM, 100 PSI (ADD AIR COMPRESSOR)	85 CFM	A		$5,311	1.67	0.47	0.56	0.19	0.00	3
	P45CG003	CG-500	GROUT PLANT, 1-20 GPM, 100 PSI (ADD AIR COMPRESSOR)	230 CFM	A		$14,131	4.35	1.26	1.50	0.51	0.00	11
	P45CG004	CG-600	COLLOIDAL PUMP/MIXER,20 GPM,100 PSI (ADD AIR COMPRESSOR)	450 CFM	A		$22,569	7.02	2.01	2.40	0.81	0.00	18

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
P45			***CHEMGROUT INC. (continued)***										
	P45CG005	CG-625/DH	COLLOIDAL GROUT PUMP, 1.5 - 16 GPM (TRAILER MOUNTED)	22 HP	D-off		$26,862	9.22	2.39	2.83	0.97	0.93	26
P50	**PUMPS, WATER, CENTRIFUGAL, TRASH**												
	0.11 SKID MOUNTED, ENGINE DRIVE												
			HOMELITE TEXTRON INC.										
	P50HO001	121TP2	2" - 10,400 GPH AT 25' HEAD, TRASH	5 HP	G		$1,264	1.16	0.11	0.12	0.05	0.59	1
	P50HO002	RDTP2	2" - 10,400 GPH AT 25' HEAD, TRASH	6 HP	D-off		$2,069	0.91	0.18	0.19	0.08	0.24	1
	P50HO003	120TP3	3" - 19,680 GPH AT 25' HEAD, TRASH	8 HP	G		$1,533	1.70	0.13	0.14	0.06	0.94	2
	P50HO004	RDTP3	3" - 19,680 GPH AT 25' HEAD, TRASH	8 HP	D-off		$3,231	1.33	0.27	0.30	0.12	0.32	2
	P50HO005	160TP4	4" - 39,720 GPH AT 25' HEAD, TRASH	16 HP	G		$3,336	3.49	0.29	0.31	0.13	1.87	4
			WACKER										
	P50WC001	PT 2R	2" DIA TRASH PUMP, 235GPM AT 100'HD	5 HP	G		$1,295	1.16	0.11	0.12	0.05	0.59	1
	P50WC002	PT 3R	3" DIA TRASH PUMP, 440GPM AT 95'HD	8 HP	G		$1,511	1.70	0.13	0.14	0.06	0.94	2
	P50WC003	PTS 4H	4" DIA TRASH PUMP, 625GPM AT 87'HD	12 HP	D-off		$6,237	2.39	0.53	0.58	0.24	0.48	6
	P50WC004	PT 6DLT	6" DIA TRASH PUMP,1300GPM AT 100'HD	35 HP	D-off		$14,425	5.94	1.23	1.35	0.55	1.40	22
P55	**PUMPS, WATER, SUBMERSIBLE**												
	0.01 ENGINE DRIVE												
			GRIFFIN DEWATERING										
	P55GF001	NBH	4 INCH JET PUMP, SKID MOUNTED INCLUDES POWER UNIT	22 HP	D-off		$10,179	3.67	0.76	0.76	0.38	0.88	11
	P55GF002	MH	6 INCH JET PUMP, SKID MOUNTED INCLUDES POWER UNIT	22 HP	D-off		$13,149	4.39	1.00	0.99	0.50	0.88	12
	0.02 ELECTRIC DRIVE												
			GORMAN-RUPP										
	P55GR001	S2A1	2" - 138 GPM AT 20' HEAD	2 HP	E		$2,112	0.68	0.16	0.16	0.08	0.18	2

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
P55			***GORMAN-RUPP (continued)***										
	P55GR002	S3A1	3" - 278 GPM AT 20' HEAD	5 HP	E		$2,881	1.23	0.22	0.22	0.11	0.45	3
	P55GR003	S4A1	4" - 860 GPM AT 40' HEAD	25 HP	E		$11,567	5.61	0.88	0.87	0.44	2.25	12
	P55GR004	S6A1	6" - 1,950 GPM AT 40' HEAD	60 HP	E		$14,685	11.01	1.10	1.10	0.55	5.40	14
			MARLOW / ITT										
	P55ML001	2S11	2" - 84 GPM AT 20' HEAD	1 HP	E		$1,554	0.44	0.12	0.12	0.06	0.09	1
	P55ML002	3S22	3" - 190 GPM AT 20' HEAD	2 HP	E		$2,203	0.69	0.17	0.17	0.08	0.18	1
	P55ML003	4S83	4" - 550 GPM AT 25' HEAD	8 HP	E		$3,004	1.66	0.23	0.23	0.11	0.72	1
			WACKER										
	P55WC001	STP 2500	3" - 485 GPM AT 55' HEAD	3 HP	E		$3,256	1.30	0.24	0.24	0.12	0.27	1
	P55WC002	STP 4500	4" - 350 GPM AT 85' HEAD	6 HP	E		$3,876	1.91	0.30	0.29	0.15	0.54	1
	P55WC003	STP 8000	4" - 975 GPM AT 110' HEAD	11 HP	E		$4,122	2.67	0.32	0.31	0.16	0.99	2
	P55WC004	STP 800	2" - 120 GPM AT 56' HEAD	2 HP	E		$1,496	0.93	0.12	0.11	0.06	0.18	2
	P55WC005	STP 1200	2" - 190 GPM AT 56' HEAD	2 HP	E		$1,873	1.00	0.14	0.14	0.07	0.18	2
	P55WC006	STP 1600	2" - 240 GPM AT 56' HEAD	2 HP	E		$2,480	1.11	0.19	0.19	0.09	0.18	2
P60	**PUMPS, WATER, CENTRIF., DEWATERING**												
	0.11	**SKID MOUNTED, ENGINE DRIVE**											
			HOMELITE TEXTRON INC.										
	P60HO001	111S1.5	1-1/2" - 5,500 GPH AT 30' HEAD	3 HP	G		$579	0.63	0.05	0.05	0.02	0.35	1
	P60HO002	111S2	2" - 9,000 GPH AT 22' HEAD	3 HP	G		$791	0.69	0.07	0.07	0.03	0.35	1
	P60HO003	120S3	3" -17,600 GPH AT 20' HEAD	8 HP	G		$1,350	1.66	0.12	0.13	0.05	0.94	1
			MARLOW / ITT										
	P60ML001	4D2	465 GPM AT 40' HEAD	38 HP	G		$11,758	9.32	1.00	1.10	0.45	4.45	13
	P60ML002	4C7	500 GPM AT 100' HEAD	30 HP	D-off		$11,369	4.84	0.98	1.07	0.44	1.20	10
	P60ML003	6E4P	1100 GPM AT 40' HEAD	79 HP	G		$16,326	17.20	1.40	1.53	0.63	9.26	19
	P60ML004	6E4P	1100 GPM AT 40' HEAD	60 HP	D-off		$15,761	7.76	1.34	1.48	0.60	2.40	24
	P60ML005	8FB3-1	2320 GPM AT 20' HEAD	70 HP	D-off		$22,521	10.17	1.92	2.11	0.86	2.80	29
	P60ML006	10FA61-1	2320 GPM AT 20' HEAD	68 HP	D-off		$24,944	10.72	2.13	2.34	0.96	2.72	34

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
0.21 WHEEL MOUNTED, ENGINE DRIVE											
		GRIFFIN DEWATERING									
P60GF003	250/4"M	POWER UNIT, 485 GPM AT 60' 4 INCH PUMP	32 HP D-off		$16,335	6.29	1.39	1.51	0.63	1.28	19
P60GF004	400/8"T	POWER UNIT, 1770 GPM AT 60' 8 INCH PUMP	61 HP D-off		$22,844	9.74	1.94	2.12	0.88	2.44	31
P60GF005	600/10"T	POWER UNIT, 3410 GPM AT 60' 10 INCH PUMP	83 HP D-off		$27,012	12.15	2.30	2.51	1.04	3.32	34
P60GF006	800/12"T	POWER UNIT, 4410 GPM AT 60' 12 INCH PUMP	110 HP D-off		$29,607	14.41	2.52	2.75	1.14	4.40	40
P60GF007	800/24"A	POWER UNIT, 14500 GPM AT 15' 24 INCH PUMP	110 HP D-off		$32,114	15.09	2.73	2.99	1.23	4.40	40
P65	**PUMPS, WATER, DIAPHRAGM**										
0.11 SKID MOUNTED, ENGINE DRIVE											
		HOMELITE TEXTRON INC.									
P65HO001	111DP2	2" - 2,000 GPH AT 25' HEAD	3 HP G		$1,220	0.81	0.11	0.11	0.05	0.35	1
P65HO002	111DP3	3" - 4,800 GPH AT 25' HEAD	3 HP G		$1,480	0.89	0.13	0.14	0.06	0.35	2
P70	**PUMPS, WATER (FOR CORE DRILLS)**										
0.01 ENGINE DRIVE											
		ACKER DRILL CO. INC.									
P70AD001	APS 11-5	6 GPM, UP TO 100 PSI	2 HP G		$1,140	0.61	0.10	0.11	0.04	0.23	2
R10	**RIPPERS & HYDRAULIC BANK SLOPERS**										
0.00 RIPPERS & HYDRAULIC BANK SLOPERS											
		CATERPILLAR, INC.									
R10CA001	D-3C II	RIPPER,THREE-SHANK, W/HYD-CONTROL			$4,682	1.41	0.41	0.47	0.17	0.00	7
R10CA002	D-3C II	RIPPER,SHANKS, EACH			$223	0.06	0.02	0.02	0.01	0.00	1
R10CA003	D-4H	RIPPER,SINGLE-SHANK, W/HYD-CONTROL			$16,030	4.65	1.40	1.60	0.60	0.00	12

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
R10			*CATERPILLAR, INC. (continued)*									
	R10CA004	D-4H	RIPPER,SHANKS, EACH			$435	0.12	0.04	0.04	0.02	0.00	1
	R10CA005	D-5H	RIPPER,SINGLE-SHANK, W/HYD-CONTROL			$13,242	3.85	1.15	1.32	0.49	0.00	17
	R10CA006	D-5H	RIPPER,SHANKS, EACH			$866	0.25	0.08	0.09	0.03	0.00	2
	R10CA007	D-6H	RIPPER,MULTI-SHANK, W/HYD-CONTROL			$17,001	4.92	1.48	1.70	0.63	0.00	35
	R10CA008	D-6H	RIPPER,SHANKS, EACH			$866	0.25	0.08	0.09	0.03	0.00	2
	R10CA009	D-7H	RIPPER,MULTI-SHANK, W/HYD-CONTROL			$30,185	8.68	2.63	3.02	1.12	0.00	65
	R10CA010	D-7H	RIPPER,SHANKS, EACH			$1,475	0.42	0.13	0.15	0.05	0.00	3
	R10CA011	D-8N	RIPPER,SINGLE-SHANK,W/HYD-CNTL&SHNK			$35,088	10.09	3.06	3.51	1.30	0.00	86
	R10CA012	D-8N	RIPPER,MULTI-SHANK, W/HYD-CONTROL			$36,475	10.50	3.19	3.65	1.36	0.00	104
	R10CA013	D-8N	RIPPER,SHANKS, EACH			$3,057	0.87	0.27	0.31	0.11	0.00	7
	R10CA014	D-9N	RIPPER,SINGLE-SHANK,W/HYD-CNTL&SHNK			$51,779	14.92	4.52	5.18	1.93	0.00	101
	R10CA015	D-9N	RIPPER,MULTI-SHANK, W/HYD-CONTROL			$53,270	15.34	4.65	5.33	1.98	0.00	109
	R10CA016	D-9N	RIPPER, SHANKS, EACH			$3,057	0.87	0.27	0.31	0.11	0.00	7
	R10CA017	D-10N	RIPPER, SINGLE-SHANK			$72,204	20.79	6.30	7.22	2.69	0.00	147
	R10CA018	D-10N	RIPPER, MULTI-SHANK			$76,990	22.16	6.71	7.70	2.86	0.00	151
	R10CA019	D-10N	RIPPER, SHANKS, EACH			$5,028	1.43	0.44	0.50	0.19	0.00	11
	R10CA020	D-11N	RIPPER, SINGLE-SHANK			$93,383	26.84	8.14	9.34	3.47	0.00	204
	R10CA021	D-11N	RIPPER, MULTI-SHANK			$96,347	27.70	8.40	9.63	3.58	0.00	219
	R10CA022	D-11N	RIPPER, SHANKS, EACH			$5,696	1.62	0.50	0.57	0.21	0.00	15
			FIATALLIS NORTH AMERICA INC.									
	R10FI001	FD20	RIPPER, MULTI-SHANK (3), REAR			$26,332	7.59	2.30	2.63	0.98	0.00	88
	R10FI003	FD30B	RIPPER, MULTI-SHANK (3), HYD PITCH			$53,719	15.41	4.69	5.37	2.00	0.00	108
	R10FI005	FD40B	RIPPER, MULTI-SHANK, HYD PITCH			$69,697	20.06	6.08	6.97	2.59	0.00	200
	R10FI006	FD50	RIPPER, MULTI-SHANK, HYD PITCH			$65,200	18.85	5.68	6.52	2.42	0.00	280
R30	**ROLLERS, STATIC, SELF-PROPELLED**											
	0.01 PNEUMATIC											
			BOMAG USA									
	R30BO001	BW12R	68.3" WIDE, 9 TIRES, HYDROSTATIC	73 HP	D-off	$51,047	15.13	4.34	4.88	1.90	2.10	90
	R30BO002	BW16R	78.2" WIDE, 8 TIRES, HYDROSTATIC	103 HP	D-off	$98,750	27.90	8.37	9.40	3.67	2.97	165

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
R30			***BOMAG USA (continued)***										
	R30BO003	BW20R	78.2" WIDE, 8 TIRES, HYDROSTATIC	103 HP	D-off		$109,310	30.47	9.30	10.46	4.07	2.97	254
			CATERPILLAR, INC.										
	R30CA001	PS-110	84" WIDE, 11 TIRES	77 HP	D-off		$59,799	17.63	4.99	5.53	2.22	2.22	83
	R30CA002	PS-180	68" WIDE, 9 TIRES	77 HP	D-off		$65,968	19.07	5.57	6.23	2.45	2.22	106
	R30CA008	PS-130	68" WIDE, 9 TIRES	77 HP	D-off		$59,297	17.47	4.99	5.56	2.21	2.22	81
			FERGUSON										
	R30FR001	SP-912	12 TON, 9 TIRES	80 HP	D-off		$52,288	15.75	4.37	4.86	1.94	2.30	88
	R30FR002	SP-915	15 TON, 9 TIRES	80 HP	D-off		$58,403	17.23	4.91	5.47	2.17	2.30	121
	R30FR003	SP-1118	18 TON, 11 TIRES, HYDROSTATIC	74 HP	D-off		$68,764	19.59	5.78	6.43	2.56	2.13	110
	R30FR004	SP-1130	30 TON, 11 TIRES, HYDROSTATIC	121 HP	D-off		$113,260	32.13	9.59	10.76	4.21	3.48	228
			HYSTER (Lift Trucks) & HYPAC (Compaction Equipment)										
	R30HY001	C530A	10-12.5 TON, 9 TIRES, POWERSHIFT	81 HP	D-off		$60,072	17.68	5.05	5.64	2.23	2.33	80
			INGERSOLL-RAND										
	R30IN001	PT-120R	13.5 TON, 9 TIRES, HYDROSTATIC	76 HP	D-off		$53,801	15.93	4.58	5.16	2.00	2.19	97
	R30IN002	PT-140A	14.0 TON, 9 TIRES, HYDROSTATIC	87 HP	D-off		$66,121	19.32	5.66	6.39	2.46	2.51	145
			SAKAI (Japan)										
	R30SI005	R2s	3 WHEEL, 83" WIDE, HYDROSTATIC	65 HP	D-off		$105,654	27.95	9.22	10.57	3.93	1.87	256
	0.02	**SMOOTH DRUM**											
			FERGUSON										
	R30FR005	35A	3-5 TON, TANDEM, HYDROSTATIC	50 HP	D-off		$38,181	9.94	2.92	3.05	1.39	1.44	83
	R30FR006	46A	4-6 TON, TANDEM, HYDROSTATIC	60 HP	D-off		$45,555	11.88	3.48	3.64	1.66	1.73	95
	R30FR007	5-8B	5-8 TON, TANDEM, HYDROSTATIC	80 HP	D-off		$69,024	17.59	5.28	5.52	2.52	2.30	131
	R30FR008	8-10.5B	8-10 TON, TANDEM, HYDROSTATIC	80 HP	D-off		$72,386	18.30	5.54	5.79	2.64	2.30	162
	R30FR009	8-12B	8-12 TON, TANDEM, HYDROSTATIC	80 HP	D-off		$75,906	19.05	5.81	6.07	2.77	2.30	171
	R30FR010	10-14B	10-14 TON, TANDEM, HYDROSTATIC	80 HP	D-off		$79,413	19.79	6.08	6.35	2.90	2.30	203

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
HYSTER (Lift Trucks) & HYPAC (Compaction Equipment)												
R30HY002	C330B	3-5 TON, TANDEM	48 HP	D-off		$42,980	10.89	3.29	3.44	1.57	1.38	86
R30HY003	C330B	4-6 TON, TANDEM	48 HP	D-off		$52,183	12.84	4.00	4.17	1.91	1.38	96
R30HY004	C340C	5-8 TON, TANDEM	80 HP	D-off		$64,464	16.62	4.93	5.16	2.35	2.30	140
R30HY005	C340C	8-10 TON, TANDEM	80 HP	D-off		$66,972	17.16	5.13	5.36	2.45	2.30	162
R30HY006	C350D	8-12 TON, TANDEM	80 HP	D-off		$74,647	18.79	5.72	5.97	2.73	2.30	173
R30HY007	C350D	10-14 TON, TANDEM	80 HP	D-off		$79,302	19.77	6.07	6.34	2.90	2.30	215
DRESSER (Formerly INTERNATIONAL / DRESSER)												
R30ID001	S3-5B	3-5 TON, TANDEM	44 HP	D-off		$42,312	10.60	3.23	3.38	1.54	1.27	72
R30ID002	S4-6B	4-6 TON, TANDEM	44 HP	D-off		$52,950	12.86	4.05	4.24	1.93	1.27	84
R30ID003	708	5-8 TON, TANDEM	87 HP	D-off		$70,401	18.15	5.39	5.63	2.57	2.51	133
R30ID004	710	8-10 TON, TANDEM	87 HP	D-off		$75,193	19.18	5.76	6.02	2.75	2.51	170
R30ID005	712	8-12 TON, TANDEM	87 HP	D-off		$80,068	20.20	6.13	6.41	2.92	2.51	176
R30ID006	714	10-14 TON, TANDEM	87 HP	D-off		$85,213	21.30	6.52	6.82	3.11	2.51	222
ROSCO												
R30RS001	DLX ROLLPAC III	1 TON, TANDEM, 34" WIDE	17 HP	G		$9,008	3.76	0.69	0.72	0.33	1.44	17
R30RS002	STAPAC III	2 TON, TANDEM, 40" WIDE	18 HP	G		$11,364	4.36	0.87	0.91	0.41	1.52	23
0.03 TAMPING FOOT												
CATERPILLAR, INC.												
R30CA003	815B	LANDFILL COMPACTOR, 56"DIA X 38.5"L TAMPING FOOT, WITHOUT BLADE	210 HP	D-off		$224,861	55.46	17.21	17.99	8.21	6.05	420
R30CA004	816B	LANDFILL COMPACTOR, 63"D X 40"L CHOPPER WHEELS, WITH STRAIGHT BLADE	210 HP	D-off		$234,731	57.55	17.96	18.78	8.57	6.05	451
R30CA005	825C	LANDFILL COMPACTOR, 51" DIA X 44" L TAMPING FOOT, WITHOUT BLADE	310 HP	D-off		$343,303	84.28	26.27	27.46	12.54	8.93	654
R30CA006	825C	LANDFILL COMPACTOR, 51" DIA X 44" L TAMPING FOOT, WITH STRAIGHT BLADE	310 HP	D-off		$359,832	87.79	27.54	28.79	13.14	8.93	700
R30CA007	826C	LANDFILL COMPACTOR, 60"D X 48"L CHOPPER WHEELS, WITH STRAIGHT BLADE	310 HP	D-off		$378,276	91.69	28.94	30.26	13.81	8.93	700

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
R45	**ROLLERS, VIBRATORY, DOUBLE DRUM**											
0.00 ROLLERS, VIBRATORY, DOUBLE DRUM												
		BOMAG USA										
R45BO001	BW120AD	47.2" WIDE X 26.6" DIA.,HYDROSTATIC	35 HP	D-off		$37,054	13.11	3.24	3.71	1.38	1.40	51
R45BO002	BW141AD	55.9" WIDE X 41.3" DIA.,HYDROSTATIC	70 HP	D-off		$89,499	30.85	7.81	8.95	3.33	2.80	136
R45BO003	BW151AD	66.1" WIDE X 41.4" DIA.,HYDROSTATIC	74 HP	D-off		$94,239	32.49	8.21	9.42	3.50	2.96	146
R45BO004	BW161AD	66.0" WIDE X 47" DIA.,HYDROSTATIC	102 HP	D-off		$106,317	37.68	9.27	10.63	3.95	4.08	188
R45BO005	BW202AD	80.0" WIDE X 48" DIA.,HYDROSTATIC	102 HP	D-off		$112,345	39.50	9.80	11.23	4.18	4.08	209
		CATERPILLAR, INC.										
R45CA001	CB-214B	39.4" WIDE X 27.5" DIAMETER	33 HP	D-off		$34,071	12.10	2.98	3.41	1.27	1.32	49
R45CA002	CB-224B	47.2" WIDE X 27.5" DIAMETER	33 HP	D-off		$37,794	13.22	3.30	3.78	1.41	1.32	54
R45CA005	CB-434	56" WIDE X 43.5" DIAMETER	80 HP	D-off		$94,135	32.79	8.21	9.41	3.50	3.20	134
R45CA007	CB-534	67" WIDE X 51" DIAMETER	125 HP	D-off		$118,715	42.69	10.36	11.87	4.42	5.00	200
R45CA008	CB-614	78" WIDE X 54" DIAMETER	155 HP	D-off		$143,755	51.90	12.54	14.38	5.35	6.20	250
		DYNAPAC										
R45DY001	CC101	42" WIDE X 26" DIA., TANDEM, 2 TON	31 HP	D-off		$39,684	13.68	3.47	3.97	1.48	1.24	53
R45DY002	CC211	57" WIDE X 41" DIA., TANDEM, 7 TON	31 HP	D-off		$96,931	30.93	8.45	9.69	3.60	1.24	157
R45DY003	CC421	66" WIDE X 48" DIA., TANDEM, 12 TON	123 HP	D-off		$120,699	43.18	10.53	12.07	4.49	4.92	224
R45DY004	CC501	84" WIDE X 60" DIA., TANDEM, 18 TON	210 HP	D-off		$175,605	64.53	15.31	17.56	6.53	8.40	342
		HYSTER (Lift Trucks) & HYPAC (Compaction Equipment)										
R45HY002	C766A	66" WIDE X 48" DIAMETER, TANDEM	102 HP	D-off		$108,337	38.29	9.45	10.83	4.03	4.08	200
		DRESSER (Formerly INTERNATIONAL / DRESSER)										
R45ID003	VOS2-66B	66"WIDE X 48" DIAMETER, HYDROSTATIC	119 HP	D-off		$117,466	41.99	10.25	11.75	4.37	4.76	174
		INGERSOLL-RAND										
R45IN001	DD-23	39" WIDE X 28" DIAM., HYDROSTATIC	31 HP	D-off		$33,528	11.82	2.93	3.35	1.25	1.24	50
R45IN002	DD-25	47" WIDE X 28" DIAM., HYDROSTATIC	31 HP	D-off		$37,768	13.10	3.29	3.78	1.40	1.24	56

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
R45			*INGERSOLL-RAND (continued)*										
	R45IN003	DD-35	40" WIDE X 30" DIAM., HYDROSTATIC	32 HP	D-off		$41,409	14.25	3.61	4.14	1.54	1.28	63
	R45IN004	DD-65	55" WIDE X 41" DIAM., HYDROSTATIC	72 HP	D-off		$97,316	33.32	8.48	9.73	3.62	2.88	135
	R45IN005	DD-90	66" WIDE X 48" DIAM., HYDROSTATIC	112 HP	D-off		$119,506	42.20	10.42	11.95	4.44	4.48	188
	R45IN006	DA-D50	75" WIDE X 50" DIAM., HYDROSTATIC	115 HP	D-off		$115,272	41.11	10.06	11.53	4.29	4.60	207
			ROSCO										
	R45RS001	VIBRASTATT III	36" WIDE, 2 TON, TANDEM	18 HP	G		$13,534	6.98	1.18	1.35	0.50	2.11	28
	R45RS002	HYDRAPAC	46" WIDE, 2 TON, TANDEM,ARTICULATED	30 HP	D-off		$27,955	10.09	2.44	2.80	1.04	1.20	53
			SAKAI (Japan)										
	R45SI001	SG150	31" W IDE x 24" DIAMETER, HYDROSTATIC	7 HP	D-off		$25,831	8.18	2.25	2.58	0.96	0.28	20
	R45SI002	SG350	47" WIDE x 33.5" DIAMETER, HYDROSTATIC	24 HP	D-off		$40,985	13.68	3.57	4.10	1.52	0.96	61
	R45SI003	SG500	53" WIDE x 37" DIAMETER, HYDROSTATIC	27 HP	D-off		$52,773	17.40	4.60	5.28	1.96	1.08	88
	R45SI004	SW70C	57"WIDE x 41"DIA., HYDROSTATIC	73 HP	D-off		$78,659	27.75	6.87	7.87	2.93	2.92	159
	R45SI005	SW750H	66"WIDE x 48"DIA., HYDROSTATIC	104 HP	D-off		$111,635	39.39	9.73	11.16	4.15	4.16	221
	R45SI006	SW100	77"WIDE x 51"DIA., HYDROSTATIC	112 HP	D-off		$131,856	45.93	11.50	13.19	4.90	4.48	247
R50	**ROLLERS, VIBRATORY, SINGLE DRUM**												
	0.00 ROLLERS, VIBRATORY, SINGLE DRUM												
			BOMAG USA										
	R50BO001	BW142D	56" WIDE X 42" DIA, HYDROSTATIC	51 HP	D-off		$68,132	22.37	5.89	6.71	2.53	2.04	100
	R50BO002	BW172D	66" WIDE X 48" DIA, HYDROSTATIC	71 HP	D-off		$77,579	26.19	6.72	7.65	2.89	2.84	122
	R50BO003	BW213D	83" WIDE X 59" DIA, HYDROSTATIC	119 HP	D-off		$115,171	39.68	9.89	11.22	4.28	4.76	241
	R50BO004	BW217D	84" WIDE X 63" DIA, HYDROSTATIC	167 HP	D-off		$125,733	45.36	10.82	12.28	4.68	6.68	389
			CATERPILLAR, INC.										
	R50CA001	CS-323	48" WIDE X 38" DIAMETER	77 HP	D-off		$71,582	24.77	6.21	7.10	2.66	3.08	94
	R50CA002	CP-323 (PADS)	48" WIDE X 38" DIAMETER, PADFOOT	77 HP	D-off		$78,533	26.79	6.80	7.75	2.92	3.08	94
	R50CA003	CS-431B	66" WIDE X 48" DIAMETER	102 HP	D-off		$80,692	28.79	6.99	7.97	3.00	4.08	140
	R50CA004	CP-433B (PADS)	66" WIDE X 48" DIAMETER, PADFOOT	102 HP	D-off		$100,692	34.52	8.73	9.97	3.74	4.08	148
	R50CA005	CS-433B	66" WIDE X 48" DIAMETER	102 HP	D-off		$91,353	31.84	7.92	9.03	3.40	4.08	144

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
R50			*CATERPILLAR, INC. (continued)*										
	R50CA006	CS-551	84" WIDE X 60" DIAMETER	155 HP	D-off		$99,236	37.09	8.50	9.62	3.69	6.20	230
	R50CA009	CS-563	84" WIDE X 60" DIAMETER	145 HP	D-off		$120,119	42.53	10.33	11.71	4.47	5.80	243
	R50CA010	CP-563 (PADS)	84" WIDE X 61" DIAMETER, PADFOOT	145 HP	D-off		$132,244	46.00	11.38	12.92	4.92	5.80	260
			DYNAPAC										
	R50DY001	CA-151D	66" WIDE X 48" DIA., 11 TON	98 HP	D-off		$90,181	31.28	7.81	8.91	3.35	3.92	142
	R50DY002	CA-151PD (PADS)	66" WIDE X 48" DIA., 13 TON,TAMP FT	98 HP	D-off		$102,842	34.90	8.91	10.19	3.82	3.92	153
	R50DY003	CA-251D	84" WIDE X 48" DIA., 22 TON	151 HP	D-off		$109,915	39.93	9.43	10.68	4.09	6.04	212
	R50DY004	CA-251PD (PADS)	84" WIDE X 60" DIA., 22 TON,TAMP FT	151 HP	D-off		$130,225	45.75	11.20	12.72	4.84	6.04	247
	R50DY005	CA-301D	84" WIDE X 61" DIA., 22 TON	151 HP	D-off		$139,430	48.40	12.01	13.64	5.19	6.04	266
	R50DY006	CA511PD (PADS)	84" WIDE X 61" DIA., TANDEM, TF 22T	154 HP	D-off		$164,507	55.75	14.20	16.15	6.12	6.16	341
			HYSTER (Lift Trucks) & HYPAC (Compaction Equipment)										
	R50HY005	C830B	66.5" WIDE X 48" DIAMETER	107 HP	D-off		$75,440	27.73	6.32	7.01	2.81	4.28	135
	R50HY007	C830B	66.5"WIDE X 48"DIAMETER, DRUM DRIVE	107 HP	D-off		$75,440	27.51	6.53	7.44	2.81	4.28	135
	R50HY008	C832B (PAD)	66.5"WIDE X 67"DIAMETER, HYDROSTATIC	107 HP	D-off		$92,547	32.40	8.01	9.13	3.44	4.28	150
	R50HY009	C850B	84" WIDE X 59" DIAMETER, HYDROSTATIC	145 HP	D-off		$113,197	40.55	9.72	11.02	4.21	5.80	208
	R50HY012	C852B (PAD)	84" WIDE X 67" DIAMETER, HYDROSTATIC	145 HP	D-off		$134,028	46.50	11.53	13.10	4.98	5.80	235
	R50HY013	C860B	84" WIDE X 60" DIAMETER, HYDROSTATIC	145 HP	D-off		$125,692	43.95	10.81	12.27	4.67	5.80	243
			DRESSER (Formerly INTERNATIONAL / DRESSER)										
	R50ID001	VOS66A	66" WIDE X 48" DIA., GEN'L PURPOSE	80 HP	D-off		$89,145	30.00	7.73	8.81	3.32	3.20	129
	R50ID002	VOSD66A	66" WIDE X 48" DIA., DRUM DRIVE	80 HP	D-off		$88,687	29.81	7.69	8.77	3.30	3.20	131
	R50ID003	VOSA66A	66" WIDE X 48" DIA., ASPHALT	80 HP	D-off		$89,257	30.04	7.72	8.80	3.32	3.20	133
	R50ID004	VOSPD66A (PAD)	66" WIDE X 48" DIA., DRUM DRIVE	80 HP	D-off		$97,422	32.31	8.44	9.64	3.62	3.20	139
	R50ID005	VOS84A	84" WIDE X 60" DIA., GEN'L PURPOSE	120 HP	D-off		$101,579	35.78	8.79	10.01	3.78	4.80	209
	R50ID006	VOSA84A	84" WIDE X 60" DIA., ASPHALT	120 HP	D-off		$111,231	38.58	9.58	10.88	4.14	4.80	215
	R50ID007	VOSD84A	84" WIDE X 60" DIA., DRUM DRIVE	120 HP	D-off		$112,289	38.76	9.72	11.08	4.18	4.80	215
	R50ID008	VOSPD84A (PAD)	84" WIDE X 60" DIA., DRUM DRIVE	120 HP	D-off		$119,060	40.70	10.31	11.76	4.43	4.80	209
			INGERSOLL-RAND										
	R50IN001	SD-40D	54" WIDE X 38" DIAM., HYDROSTATIC	76 HP	D-off		$66,596	23.32	5.77	6.57	2.48	3.04	96

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		SAKAI (Japan)										
R50SI001	TG350	47" WIDE x 33.5" DIA., HYDROSTATIC	24 HP	D-off		$43,203	13.67	3.72	4.22	1.61	0.96	56
R50SI002	TG500	53" WIDE x 37" DIA., HYDROSTATIC	27 HP	D-off		$52,871	16.60	4.55	5.15	1.97	1.08	86
R50SI003	TW70C	57" WIDE x 41" DIA., HYDROSTATAIC	73 HP	D-off		$77,599	26.22	6.71	7.63	2.89	2.92	128
R50SI004	TW750	66" WIDE x 48" DIA., HYDROSTATIC	91 HP	D-off		$103,219	34.55	8.94	10.19	3.84	3.64	175
R50SI005	TW100	85" WIDE x 51" DIA., HYDROSTATIC	86 HP	D-off		$139,855	44.77	12.13	13.85	5.20	3.44	229
R50SI006	SV200D	49"W x 39"DIA., HYDROSTATIC, AWD	61 HP	D-off		$59,718	20.50	5.17	5.89	2.22	2.44	89
R50SI007	SV200T	49"W x 39"DIA., PADFOOT, HYDROST., AWD	61 HP	D-off		$65,325	22.10	5.66	6.45	2.43	2.44	94
R50SI008	SV70	67"W x 49"DIA., HYDROSTATIC	86 HP	D-off		$77,110	26.93	6.61	7.47	2.87	3.44	143
R50SI009	SV70D	67"W x 49"DIA., HYDROSTATIC, AWD	86 HP	D-off		$79,377	27.58	6.80	7.70	2.95	3.44	146
R50SI010	SV70A	67"W x 49"DIA., HYDROSTATIC, AWD	86 HP	D-off		$85,711	29.36	7.41	8.44	3.19	3.44	159
R50SI011	SV70T	67"W x 55"DIA., PADFOOT, HYDROSTATIC	86 HP	D-off		$84,395	28.97	7.31	8.34	3.14	3.44	161
R50SI012	SV70TF	67"W x 55"DIA., PADFOOT, HYDROST., AWD	86 HP	D-off		$95,563	32.16	8.28	9.46	3.55	3.44	190
R50SI013	SV500	85"W x 60"DIA., HYDROSTATIC	118 HP	D-off		$92,527	33.12	7.93	8.97	3.44	4.72	221
R50SI014	SV500D	85"W x 60"DIA., HYDROSTATIC, AWD	118 HP	D-off		$98,532	34.83	8.45	9.57	3.66	4.72	225
R50SI015	SV500A	85"W x 60"DIA., HYDROSTATIC, AWD	118 HP	D-off		$96,237	34.11	8.34	9.52	3.58	4.72	221
R50SI016	SV500T	85"W x 63"DIA., PADFOOT, HYDROSTATIC	118 HP	D-off		$107,693	37.47	9.25	10.49	4.01	4.72	232
R50SI017	SV500TF	85"W x 63"DIA., PADFOOT, HYDROST., AWD	118 HP	D-off		$122,856	41.82	10.58	12.01	4.57	4.72	282
R50SI018	SV160D	85"W x 67"DIA., HYDROSTATIC, AWD	163 HP	D-off		$209,232	69.04	18.10	20.64	7.78	6.52	353
R50SI019	SV160T	85"W x 69"DIA., PADFOOT, HYDRO., AWD	163 HP	D-off		$220,728	72.34	19.11	21.79	8.21	6.52	353
R55	**ROOFING EQUIPMENT**											
	0.00 ROOFING EQUIPMENT											
		AEROIL PRODUCTS										
R55AE001	EZ LOAD 240	KETTLE, 240GAL W/PUMP & COVER, LPG				$7,580	3.10	0.81	1.05	0.28	0.00	17
R55AE002	EZ LOAD 400	KETTLE, 400GAL W/PUMP & COVER, LPG				$9,524	3.74	1.01	1.31	0.35	0.00	23
R55AE003	EZ LOAD 600	KETTLE, 600GAL W/PUMP & COVER, LPG				$12,656	5.05	1.33	1.71	0.47	0.00	38
R55AE004	EZ LOAD 900	KETTLE, 900GAL W/PUMP & COVER, LPG				$15,789	7.35	1.65	2.11	0.59	0.00	54
R55AE005	MODEL 52	CONVEYOR, HYDRAULIC, 52' HEIGHT	23 HP	G		$23,890	10.50	2.56	3.34	0.89	1.80	39
R55AE006	MODEL 62	CONVEYOR, HYDRAULIC, 62' HEIGHT	23 HP	G		$26,851	11.54	2.89	3.77	1.00	1.80	55
R55AE007	MODEL 68	CONVEYOR, HYDRAULIC, 68' HEIGHT	23 HP	G		$30,074	12.65	3.24	4.23	1.12	1.80	58

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
R55			*AEROIL PRODUCTS (continued)*										
	R55AE008	MODEL S.	RHINO ROOF PEELER, 16" WIDE	8 HP	G		$4,242	2.26	0.46	0.60	0.16	0.62	4
	R55AE009	MARK I	ROOF CUTTER,SINGLE BLADE,3.75"DEPTH	9 HP	G		$1,554	1.44	0.17	0.22	0.06	0.70	2
	R55AE010	MARK II	ROOF CUTTER,DOUBLE BLADE,3.75"DEPTH	16 HP	G		$2,694	2.53	0.29	0.38	0.10	1.25	3
			GARLOCK										
	R55GL001	MODEL 115	KETTLE, 115 GAL.				$2,473	1.34	0.25	0.32	0.09	0.00	9
	R55GL002	MODEL 175	KETTLE, 175 GAL. WITH PUMP				$4,899	2.17	0.51	0.66	0.18	0.00	12
	R55GL003	MODEL 400	KETTLE, 400 GAL. WITH PUMP				$7,147	3.19	0.75	0.98	0.26	0.00	24
	R55GL004	MODEL 600	KETTLE, 600 GAL. WITH PUMP				$8,927	3.80	0.95	1.23	0.33	0.00	32
	R55GL005	MODEL 62	CONVEYOR, HYDRAULIC, 62' HEIGHT	25 HP	G		$28,181	12.19	3.04	3.99	1.04	1.95	60
	R55GL006	MODEL 72	CONVEYOR, HYDRAULIC, 72' HEIGHT	25 HP	G		$33,548	14.04	3.62	4.75	1.24	1.95	70
	R55GL007	MODEL 1400	HOIST, HYDRAULIC SWING	18 HP	G		$8,877	4.87	0.96	1.26	0.33	1.41	7
	R55GL008	MODEL 86	POWER SWEEPER, 42" WIDTH	4 HP	G		$2,046	1.11	0.23	0.29	0.08	0.31	2
	R55GL009		ROTARY PLANER, 12" PATH	8 HP	G		$1,586	1.34	0.17	0.22	0.06	0.62	2
	R55GL010	MODEL 21	ROOF CUTTER, 21", DOUBLE SAW	16 HP	G		$2,779	2.55	0.30	0.39	0.10	1.25	3
	R55GL011	MODEL 30	ROOF CUTTER, 30", DOUBLE SAW	16 HP	G		$2,809	2.56	0.30	0.40	0.10	1.25	3
S10	**SCRAPERS, ELEVATING**												
	0.01	**0 THRU 200 HP**											
			CATERPILLAR, INC.										
	S10CA001	613-C	11 CY, 13 TON, POWERSHIFT	175 HP	D-off		$204,226	52.78	15.28	15.63	7.46	5.18	325
			DRESSER (Formerly INTERNATIONAL / DRESSER)										
	S10ID001	412B	11 CY, POWERSHIFT	165 HP	D-off		$189,791	49.51	14.14	14.42	6.93	4.88	335
			JOHN DEERE										
	S10JD001	762B	11 CY, 13.7 TON, POWERSHIFT	180 HP	D-off		$182,104	48.75	13.50	13.69	6.65	5.33	371

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 2

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
0.02 OVER 200 HP											
		CATERPILLAR, INC.									
S10CA002	615-C	16 CY, 19 TON, POWERSHIFT	265 HP D-off		$301,585	74.97	22.92	24.56	10.64	7.84	509
S10CA003	623-E	22 CY, 25 TON, POWERSHIFT	365 HP D-off		$442,959	109.57	33.58	35.91	15.62	10.80	741
		FIATALLIS NORTH AMERICA INC.									
S10FI002	261B	23 CY, 26.5 TON, POWERSHIFT	330 HP D-off		$446,603	108.04	34.03	36.55	15.75	9.77	635
		JOHN DEERE									
S10JD002	862B	16 CY, 20.0 TON, POWERSHIFT	265 HP D-off		$258,344	66.82	19.43	20.64	9.11	7.84	482
S15	**SCRAPERS, CONVENTIONAL**										
0.00 SCRAPERS, CONVENTIONAL											
		CATERPILLAR, INC.									
S15CA001	621-E	14-20 CY, 24 TON, POWERSHIFT	330 HP D-off		$387,745	95.45	29.29	31.21	13.68	8.71	670
S15CA002	631-E	21-31 CY, 37.5 TON, POWERSHIFT	450 HP D-off		$617,983	149.06	46.74	49.87	21.80	11.88	948
S15CA003	651-E	32-44 CY, 52 TON, POWERSHIFT	550 HP D-off		$804,172	192.17	60.90	65.08	28.36	14.52	1,328
		FIATALLIS NORTH AMERICA INC.									
S15FI001	260B	15-21 CY, 25 TON, POWERSHIFT	330 HP D-off		$396,263	96.87	30.01	32.06	13.98	8.71	583
		TEREX									
S15TE001	S24C	24-34 CY, 40.8 TON	480 HP D-off		$540,733	134.93	40.62	43.10	19.07	12.67	1,021
S20	**SCRAPERS, TANDEM POWERED**										
0.00 SCRAPERS, TANDEM POWERED											
		CATERPILLAR, INC.									
S20CA001	627-E	14-20 CY, 24 TON, POWERSHIFT	225 HP D-off	225 HP D-off	$448,025	115.11	33.92	36.24	15.80	12.60	769

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
S20			*CATERPILLAR, INC. (continued)*											
	S20CA002	627-E PP	14-20 CY, 24 TON, PUSH-PULL, PS	225 HP	D-off	225 HP	D-off	$476,881	120.99	36.17	38.69	16.82	12.60	782
	S20CA003	637-E	21-31 CY, 37.5 TON, POWERSHIFT	450 HP	D-off	250 HP	D-off	$781,659	195.46	59.47	63.79	27.57	19.60	1,100
	S20CA004	637-E PP	21-31 CY, 37.5 TON, PUSH-PULL,PS	450 HP	D-off	250 HP	D-off	$812,678	201.76	61.87	66.42	28.66	19.60	1,136
	S20CA005	657-E	32-44 CY, 52 TON, POWER SHIFT	550 HP	D-off	400 HP	D-off	$970,666	245.55	73.85	79.24	34.23	26.60	1,517
	S20CA006	657-E PP	32-44 CY, 52 TON, PUSH-PULL, PS	550 HP	D-off	400 HP	D-off	1,039,984	259.67	79.25	85.13	36.68	26.60	1,597
			TEREX											
	S20TE001	TS-14C	14-20 CY, 23.5 TON	154 HP	D-off	136 HP	D-off	$356,939	89.41	27.00	28.82	12.59	8.12	575
	S20TE002	TS-24C	24-34 CY, 40.8 TON	480 HP	D-off	260 HP	D-off	$699,243	180.94	52.95	56.57	24.66	20.72	1,128
S25	**SCRAPERS, TRACTOR DRAWN**													
	0.00 SCRAPERS, TRACTOR DRAWN													
			ROME											
	S25RM001	R67H	12-18 CY, 18 TON, WITH HYDRAULICS (ADD TRACTOR)					$103,683	20.82	6.89	6.30	3.74	0.00	235
	S25RM002	R89H	18-26 CY, 27 TON, WITH HYDRAULICS (ADD TRACTOR)					$115,222	23.40	7.52	6.71	4.16	0.00	373
S30	**SCREENING & CRUSHING PLANTS**													
	0.10 CONVEYORS													
			KOLBERG											
	S30KB001	13-2480	PORTABLE STACKING CONVEYOR, 24 IN. X 80 FT.	15 HP	E			$23,405	7.56	1.59	1.48	0.85	0.98	14
	S30KB002	13-24100	PORTABLE STACKING CONVEYOR, 24 IN. X 100 FT.	15 HP	E			$25,858	8.10	1.76	1.64	0.94	0.98	18
	S30KB003	13-3080	PORTABLE STACKING CONVEYOR, 30 IN. X 80 FT.	25 HP	E			$26,139	9.41	1.79	1.67	0.95	1.63	20
	S30KB004	13-30100	PORTABLE STACKING CONVEYOR, 30 IN. X 100 FT.	25 HP	E			$28,794	10.01	1.97	1.84	1.05	1.63	25
	S30KB005	13-3680	PORTABLE STACKING CONVEYOR, 36 IN. X 80 FT.	30 HP	E			$30,023	10.89	2.05	1.90	1.10	1.95	30

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
S30			***KOLBERG (continued)***										
	S30KB006	13-36100	PORTABLE STACKING CONVEYOR, 36 IN. X 100 FT.	40 HP	E		$34,929	13.12	2.40	2.23	1.28	2.60	38
	S30KB007	31-2485	SIDEFOLDING STACKER,24 IN. X 85 FT.	15 HP	E		$45,390	12.31	3.27	3.22	1.66	0.98	22
	S30KB008	31-24105	SIDEFOLDING STACKER,24 IN. X 105 FT	20 HP	E		$50,057	13.89	3.61	3.56	1.83	1.30	27
	S30KB009	31-24125	SIDEFOLDING STACKER,24 IN. X 125 FT	20 HP	E		$62,107	16.40	4.52	4.49	2.27	1.30	33
	S30KB010	31-3085	SIDEFOLDING STACKER,30 IN. X 85 FT.	25 HP	E		$47,247	13.88	3.40	3.33	1.73	1.63	32
	S30KB011	31-30105	SIDEFOLDING STACKER,30 IN. X 105 FT	30 HP	E		$52,595	15.62	3.78	3.72	1.92	1.95	39
	S30KB012	31-30125	SIDEFOLDING STACKER,30 IN. X 125 FT	40 HP	E		$75,023	21.35	5.48	5.47	2.74	2.60	47
	S30KB013	31-3685	SIDEFOLDING STACKER, 36 IN. X 85 FT	30 HP	E		$62,808	17.85	4.54	4.50	2.29	1.95	42
	S30KB014	31-36105	SIDEFOLDING STACKER,36 IN. X 105 FT	50 HP	E		$74,301	22.36	5.39	5.35	2.71	3.25	59
	S30KB015	31-36125	SIDEFOLDING STACKER,36 IN. X 125 FT	60 HP	E		$83,326	25.37	6.05	6.01	3.04	3.90	70
	S30KB016	35-24100	FIXED HEIGHT STACKER,24 IN. X 100FT	20 HP	E		$34,025	10.43	2.47	2.46	1.24	1.30	26
	S30KB017	35-24120	FIXED HEIGHT STACKER,24 IN. X 120FT	20 HP	E		$35,427	10.75	2.56	2.53	1.29	1.30	31
	S30KB018	35-24150	FIXED HEIGHT STACKER,24 IN. X 150FT	25 HP	E		$62,160	16.90	4.57	4.60	2.27	1.63	39
	S30KB019	35-30100	FIXED HEIGHT STACKER,30 IN. X 100FT	30 HP	E		$38,019	12.45	2.76	2.73	1.39	1.95	38
	S30KB020	35-30120	FIXED HEIGHT STACKER,30 IN. X 120FT	30 HP	E		$42,310	13.39	3.06	3.03	1.54	1.95	45
	S30KB021	35-30150	FIXED HEIGHT STACKER,30 IN. X 150FT	40 HP	E		$74,991	21.23	5.52	5.56	2.74	2.60	56
	S30KB022	35-36100	FIXED HEIGHT STACKER,36 IN. X 100FT	50 HP	E		$46,095	16.50	3.33	3.29	1.68	3.25	56
	S30KB023	35-36120	FIXED HEIGHT STACKER,36 IN. X 120FT	50 HP	E		$56,138	18.69	4.07	4.03	2.05	3.25	67
	S30KB024	35-36150	FIXED HEIGHT STACKER,36 IN. X 150FT	60 HP	E		$88,325	26.57	6.48	6.49	3.23	3.90	84
	S30KB025	36-24100	ADJUSTABLE HEIGHT RADIAL STACKER, 24 IN. X 100 FT.	15 HP	E		$45,595	12.29	3.35	3.38	1.66	0.98	52
	S30KB026	36-24120	ADJUSTABLE HEIGHT RADIAL STACKER, 24 IN. X 120 FT.	15 HP	E		$54,156	14.13	4.00	4.03	1.98	0.98	57
	S30KB027	36-24150	ADJUSTABLE HEIGHT RADIAL STACKER, 24 IN. X 150 FT.	20 HP	E		$67,984	17.61	5.01	5.06	2.48	1.30	65
	S30KB028	36-30100	ADJUSTABLE HEIGHT RADIAL STACKER, 30 IN. X 100 FT.	30 HP	E		$57,327	16.48	4.23	4.28	2.09	1.95	64
	S30KB029	36-30120	ADJUSTABLE HEIGHT RADIAL STACKER, 30 IN. X 120 FT.	30 HP	E		$63,779	17.86	4.71	4.75	2.33	1.95	71
	S30KB030	36-30150	ADJUSTABLE HEIGHT RADIAL STACKER, 30 IN. X 150 FT.	40 HP	E		$78,608	22.07	5.80	5.85	2.87	2.60	82
	S30KB031	36-36100	ADJUSTABLE HEIGHT RADIAL STACKER, 36 IN. X 100 FT.	50 HP	E		$67,551	20.92	4.97	5.00	2.47	3.25	82
	S30KB032	36-36120	ADJUSTABLE HEIGHT RADIAL STACKER, 36 IN. X 120 FT.	50 HP	E		$81,208	23.89	5.99	6.03	2.97	3.25	93

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
S30			***KOLBERG (continued)***										
	S30KB033	36-36150	ADJUSTABLE HEIGHT RADIAL STACKER, 36 IN. X 150 FT.	60 HP	E		$94,918	27.86	6.98	7.01	3.47	3.90	110
			TELSMITH										
	S30TS001	PTC 24IN X 50FT	PORTABLE TRUSS FRAME CONVEYOR, 24 IN WIDE BELT, 50 FT BELT LENGTH	15 HP	E		$25,798	8.00	1.86	1.83	0.94	0.98	10
	S30TS002	PTC 24IN X 70FT	PORTABLE TRUSS FRAME CONVEYOR, 24 IN WIDE BELT, 70 FT BELT LENGTH	15 HP	E		$32,554	9.48	2.34	2.30	1.19	0.98	13
	S30TS003	PTC 30IN X 50FT	PORTABLE TRUSS FRAME CONVEYOR, 30 IN WIDE BELT, 50 FT BELT LENGTH	20 HP	E		$27,162	9.09	1.94	1.90	0.99	1.30	12
	S30TS004	PTC 30IN X 70FT	PORTABLE TRUSS FRAME CONVEYOR, 30 IN WIDE BELT, 70 FT BELT LENGTH	20 HP	E		$34,013	10.61	2.42	2.36	1.24	1.30	17
	S30TS005	PTC 36IN X 50FT	PORTABLE TRUSS FRAME CONVEYOR, 36 IN WIDE BELT, 50 FT BELT LENGTH	15 HP	E		$29,162	8.87	2.05	1.97	1.06	0.98	19
	S30TS006	PTC 36IN X 70FT	PORTABLE TRUSS FRAME CONVEYOR, 36 IN WIDE BELT, 70 FT BELT LENGTH	20 HP	E		$36,185	11.47	2.52	2.40	1.32	1.30	26
	S30TS007	PTC 42IN X 50FT	PORTABLE TRUSS FRAME CONVEYOR, 42 IN WIDE BELT, 50 FT BELT LENGTH	15 HP	E		$32,105	9.55	2.25	2.15	1.17	0.98	25
	S30TS008	PTC 42IN X 70FT	PORTABLE TRUSS FRAME CONVEYOR, 42 IN WIDE BELT, 70 FT BELT LENGTH	20 HP	E		$39,040	12.41	2.62	2.38	1.43	1.30	25
	0.20	**CRUSHERS**											
			HEWITT-ROBINS										
	S30HW001	MODEL 13654V	PORTABLE IMPACTOR PLANT, 36 IN. X 54 IN. SINGLE ROTOR IMPACT CRUSHER, ELECTRIC OPERATION	250 HP	E		$263,683	92.79	20.51	22.41	9.30	16.25	804
	S30HW002	MODEL 14866V	PORTABLE IMPACTOR PLANT, 48 IN. X 66 IN. SINGLE ROTOR IMPACT CRUSHER, ELECTRIC OPERATION	350 HP	E		$357,307	126.61	27.79	30.37	12.60	22.75	1,280
	S30HW003	MODEL 13654V	PORTABLE IMPACTOR PLANT, 36 IN. X 54 IN. SINGLE ROTOR IMPACT CRUSHER, DIESEL OPERATION	350 HP	D-off		$263,683	79.82	20.51	22.41	9.30	10.08	804
	S30HW004	MODEL 14866V	PORTABLE IMPACTOR PLANT, 48 IN. X 66 IN. SINGLE ROTOR IMPACT CRUSHER, DIESEL OPERATION	490 HP	D-off		$357,307	108.55	27.79	30.37	12.60	14.11	1,280

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
S30			*HEWITT-ROBINS (continued)*										
	S30HW005	MODEL J1524PF	PORTABLE PRIMARY JAW PLANT WITH 15 IN. X 24 IN. JAW CRUSHER, 2-1/2 FT. X 8 FT FEEDER, 2 FT. GRIZZLY, 24 IN. X 20 FT. DISCHARGE CONVEYOR, ELECTRIC OPERATION	40 HP	E		$140,350	40.26	10.92	11.93	4.95	2.60	86
	S30HW006	MODEL J1536V	PORTABLE PRIMARY JAW PLANT WITH 15 IN. X 36 IN. JAW CRUSHER, 3 FT. X 14 FT. FEEDER, 4 FT. GRIZZLY, 30 IN. X 31 FT. DISCHARGE CONVEYOR, ELECTRIC OPERATION	100 HP	E		$233,389	69.96	18.15	19.84	8.23	6.50	128
	S30HW007	MODEL J2036V	PORTABLE PRIMARY JAW PLANT WITH 20 IN. X 36 IN. JAW CRUSHER, 3 FT. X 14 FT. FEEDER, 4 FT. GRIZZLY, 30 IN. X 31 FT. DISCHARGE CONVEYOR, ELECTRIC OPERATION	125 HP	E		$253,444	77.86	19.71	21.54	8.94	8.13	128
	S30HW008	MODEL J2436V	PORTABLE PRIMARY JAW PLANT WITH 24 IN. X 36 IN. JAW CRUSHER, 3 FT. X 14 FT. FEEDER, 4 FT. GRIZZLY, 30 IN. X 31 FT. DISCHARGE CONVEYOR, ELECTRIC OPERATION	125 HP	E		$264,702	81.11	20.59	22.50	9.34	8.13	128
	S30HW009	MODEL J2142V	PORTABLE PRIMARY JAW PLANT WITH 21 IN. X 42 IN. JAW CRUSHER, 3-1/2 FT. X 16 FT. FEEDER, 4 FT. GRIZZLY, 36 IN. X 34 FT. DISCHARGE CONVEYOR, ELECTRIC OPERATION	150 HP	E		$274,835	86.56	21.37	23.36	9.69	9.75	152
	S30HW010	MODEL J3042V	PORTABLE PRIMARY JAW PLANT WITH 30 IN. X 42 IN. JAW CRUSHER, 3-1/2 FT. X 16 FT. FEEDER, 6 FT. GRIZZLY, 36 IN. X 41 FT. OR 55 FT. DISCHARGE CONVEYOR, ELECTRIC OPERATION	200 HP	E		$334,428	106.60	26.02	28.43	11.80	13.00	156
	S30HW011	MODEL J2248V	PORTABLE PRIMARY JAW PLANT WITH 22 IN. X 48 IN. JAW CRUSHER, 4 FT. X 16 FT. FEEDER, 4 FT. GRIZZLY, 48 IN. X 37 FT. DISCHARGE CONVEYOR, ELECTRIC OPERATION	200 HP	E		$328,136	104.80	25.52	27.89	11.57	13.00	168
	S30HW012	MODEL J3048V	PORTABLE PRIMARY JAW PLANT WITH 30 IN. X 48 IN. JAW CRUSHER, 4 FT. X 16 FT. FEEDER, 4 FT. GRIZZLY, 48 IN. X 37 FT. DISCHARGE CONVEYOR, ELECTRIC OPERATION	200 HP	E		$387,329	120.01	30.12	32.92	13.66	13.00	168

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
S30			***HEWITT-ROBINS (continued)***										
	S30HW013	MODEL H4832S	PORTABLE HAMMERMILL PLANT WITH 48 IN. X 32 IN. HAMMERMILL, 5 FT. X 16 FT. TRIPLE DECK SCREEN, 30 IN. X 11 FT. FEED CONVEYOR AND 36 IN. X 37 END DISCHARGE CONVEYOR	450 HP	E		$314,069	129.00	24.43	26.70	11.08	29.25	600
			KOLBERG										
	S30KB034	CS-1536	PORTABLE JAW CRUSHER PLANT, 15 IN. X 36. IN. JAW CRUSHER, 36 IN. X 14 FT. VIBRATING FEEDER, 6 IN. X 4 FT. GRIZZLY, 36 IN. X 22 FT. END DELIVERY CONVEYOR	75 HP	E		$178,471	53.74	13.68	14.77	6.29	4.88	548
	S30KB035	CS-2036	PORTABLE JAW CRUSHER PLANT, 20 IN. X 36. IN. JAW CRUSHER, 36 IN. X 14 FT. VIBRATING FEEDER, 6 IN. X 4 FT. GRIZZLY, 36 IN. X 22 FT. END DELIVERY CONVEYOR	100 HP	E		$184,179	58.12	14.13	15.25	6.50	6.50	590
	S30KB036	CS-2436	PORTABLE JAW CRUSHER PLANT, 24 IN. X 36. IN. JAW CRUSHER, 36 IN. X 16 FT. VIBRATING FEEDER, 6 IN. X 4 FT. GRIZZLY, 36 IN. X 22 FT. END DELIVERY CONVEYOR	100 HP	E		$209,151	64.21	16.07	17.37	7.38	6.50	701
			TELSMITH										
	S30TS009	4246	PRIMARY IMPACT CRUSHER, 600 TON/HR MAX CAPACITY	300 HP	E		$198,695	81.39	15.46	16.89	7.01	19.50	595
	S30TS010	4856	PRIMARY IMPACT CRUSHER, 1100 TON/HR MAX CAPACITY	400 HP	E		$302,518	117.70	23.53	25.71	10.67	26.00	942
	S30TS011	6071	PRIMARY IMPACT CRUSHER, 2100 TON/HR MAX CAPACITY, 2 EA 400 HP MOTOR	800 HP	E		$515,443	213.51	40.09	43.81	18.18	52.00	1,950
	S30TS012	44S	GYRASPHERE CRUSHER FOR EXTRA COARSE THRU MEDIUM MATERIALS, 380 TON PER HOUR CAPACITY	200 HP	E		$153,993	60.02	11.98	13.09	5.43	13.00	312
	S30TS013	44FC	GYRASPHERE CRUSHER FOR COARSE THRU FINE MATERIALS, 230 TON PER HOUR CAPACITY	200 HP	E		$156,636	60.65	12.18	13.31	5.52	13.00	312
	S30TS014	52S	GYRASPHERE CRUSHER FOR EXTRA COARSE THRU MEDIUM MATERIALS, 440 TON PER HOUR CAPACITY	250 HP	E		$212,424	79.77	16.52	18.06	7.49	16.25	479
	S30TS015	52FC	GYRASPHERE CRUSHER FOR COARSE THRU FINE MATERIALS, 260 TON PER HOUR CAPACITY	250 HP	E		$294,678	99.86	22.92	25.05	10.39	16.25	479

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
S30			*TELSMITH (continued)*										
	S30TS016	57S	GYRASPHERE CRUSHER FOR EXTRA COARSE THRU MEDIUM MATERIALS, 580 TON PER HOUR CAPACITY	300 HP	E		$292,560	104.82	22.76	24.87	10.32	19.50	660
	S30TS017	57FC	GYRASPHERE CRUSHER FOR COARSE THRU FINE MATERIALS, 330 TON PER HOUR CAPACITY	300 HP	E		$299,188	106.43	23.27	25.43	10.55	19.50	660
	S30TS018	84S	GYRASPHERE CRUSHER FOR EXTRA COARSE THRU MEDIUM MATERIALS, 1400 TON PER HOUR CAPACITY	400 HP	E		$541,532	177.09	42.12	46.03	19.10	26.00	165
	S30TS019	84FC	GYRASPHERE CRUSHER FOR COARSE THRU FINE MATERIALS, 620 TON PER HOUR CAPACITY	400 HP	E		$551,827	179.61	42.92	46.91	19.46	26.00	165
	S30TS020	HSI 4230	HORIZONTAL SHAFT IMPACTOR, 12 IN. MAX FEED SIZE, 120 TON/HR CAPACITY	100 HP	E		$81,095	32.26	6.31	6.89	2.86	6.50	193
	S30TS021	HSI 5242	HORIZONTAL SHAFT IMPACTOR, 16 IN. MAX FEED SIZE, 170 TON/HR CAPACITY	200 HP	E		$120,418	52.32	9.37	10.24	4.25	13.00	293
	S30TS022	HSI 5263	HORIZONTAL SHAFT IMPACTOR, 16 IN. MAX FEED SIZE, 320 TON/HR CAPACITY	300 HP	E		$173,691	76.28	13.51	14.76	6.13	19.50	480
	S30TS023	HSI 6263	HORIZONTAL SHAFT IMPACTOR, 20 IN. MAX FEED SIZE, 440 TON/HR CAPACITY	400 HP	E		$226,306	100.09	17.60	19.24	7.98	26.00	615
	S30TS024	HSI 6284	HORIZONTAL SHAFT IMPACTOR, 20 IN. MAX FEED SIZE, 660 TON/HR CAPACITY	300 HP	E		$297,912	106.62	23.17	25.32	10.51	19.50	830
	0.30	**SCREENING PLANT**											
			HEWITT-ROBINS										
	S30HW014	V-11 6X16FT, DD	PORTABLE SCREENING PLANT WITH 6 FT. X 16 FT., DOUBLE DECKS	15 HP	E		$101,581	24.92	7.78	8.13	3.71	0.98	101
	S30HW015	V-11 6X16FT, TD	PORTABLE SCREENING PLANT WITH 6 FT. X 16 FT., TRIPLE DECKS	25 HP	E		$113,091	28.70	8.65	9.05	4.13	1.63	138
	S30HW016	V-11 6X20FT, DD	PORTABLE SCREENING PLANT WITH 6 FT. X 20 FT., DOUBLE DECKS	20 HP	E		$106,815	26.64	8.18	8.55	3.90	1.30	115
	S30HW017	V-11 6X20FT, TD	PORTABLE SCREENING PLANT WITH 6 FT. X 20 FT., TRIPLE DECKS	25 HP	E		$115,498	29.27	8.84	9.24	4.22	1.63	167
	S30HW018	V-11 8X20FT, TD	PORTABLE SCREENING PLANT WITH 8 FT. X 20 FT., TRIPLE DECKS	40 HP	E		$137,349	35.62	10.52	10.99	5.02	2.60	243

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		KOLBERG										
S30KB037	25-2450	MOBILE SCREENING PLANT, 24 IN. X 50 FT., TWO DECK, VARIABLE SPEED, 7 CY HOPPER AND FEEDER	73 HP	D-off		$70,146	20.04	5.28	5.43	2.56	2.10	266
S30KB038	25-3050	MOBILE SCREENING PLANT, 30 IN. X 50 FT., TWO DECK, VARIABLE SPEED, 7 CY HOPPER AND FEEDER	73 HP	D-off		$75,565	21.26	5.67	5.81	2.76	2.10	205
S30KB039	26-2450	MOBILE SCREENING PLANT, 24 IN. X 50 FT., TWO DECK, VARIABLE SPEED, 7 CY HOPPER AND FEEDER	96 HP	D-off		$84,164	24.21	6.33	6.52	3.07	2.76	290
S30KB040	26-3050	MOBILE SCREENING PLANT, 30 IN. X 50 FT., TWO DECK, VARIABLE SPEED, 7 CY HOPPER AND FEEDER	96 HP	D-off		$89,205	25.34	6.71	6.90	3.26	2.76	309
		KOLMAN										
S30KL001	PB-212	COLD FEED PLANT, 2 EA 12 FT. LONG, 9 FT. HIGH BINS				$75,521	18.82	5.76	6.00	2.76	0.00	210
S30KL002	PB-312	COLD FEED PLANT, 3 EA 12 FT. LONG, 9 FT. HIGH BINS				$94,198	23.34	7.18	7.47	3.44	0.00	263
S30KL003	PB-412	COLD FEED PLANT, 4 EA 12 FT. LONG, 9 FT. HIGH BINS				$116,549	28.67	8.89	9.26	4.26	0.00	309
		READ SCREEN-ALL										
S30RA001	RD 25B	MOBILE SCREEN PLANT 40 CY/HR PROD	24 HP	D-off		$42,728	11.41	3.25	3.37	1.56	0.69	113
S30RA002	RD 40B	MOBILE SCREEN PLANT 120 CY/HR PROD	24 HP	D-off		$61,132	15.37	4.65	4.84	2.23	0.69	130
S30RA003	RD 90B	MOBILE SCREEN PLANT 200 CY/HR PROD	36 HP	D-off		$94,823	23.62	7.20	7.48	3.46	1.04	195
S30RA004	RD 150B	MOBILE SCREEN PLANT 320 CY/HR PROD	49 HP	D-off		$118,882	29.56	9.05	9.41	4.34	1.41	241
S35	**SNOW REMOVAL EQUIPMENT**											
	0.00 SNOW REMOVAL EQUIPMENT											
		AMERICAN ROAD MACHINERY										
S35AR001	112	REVERSIBLE SNOW PLOW (ADD DUMP TRK)				$2,741	0.71	0.24	0.27	0.10	0.00	15
S35AR002	713	1-WAY TRIP SNOW PLOW (ADD DUMP TRK)				$4,473	1.17	0.40	0.45	0.17	0.00	20

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
S40	**SOIL & ROAD STABILIZERS**												
	0.00 SOIL & ROAD STABILIZERS												
			CATERPILLAR, INC.										
	S40CA001	RR250 Reclaimer	12" DEEP X 96" WIDE, HYDROSTATIC	335 HP	D-off		$234,326	66.20	17.88	18.63	8.56	9.92	393
	S40CA002	SS250 Reclaimer	18" DEEP X 96" WIDE, HYDROSTATIC	335 HP	D-off		$222,059	63.88	16.81	17.40	8.11	9.92	265
			SAKAI (Japan)										
	S40SI020	ERF300	ROAD CUTTER, 6"D x 79" W, HYDROST.	340 HP	D-off		$726,999	179.65	55.21	57.34	26.54	10.06	518
	S40SI021	PM500	ROAD STABILIZER, 16"D x 79"W, HYDROST.	380 HP	D-off		$688,993	171.30	52.55	54.77	25.16	11.25	463
S45	**SPLITTERS, ROCK & CONCRETE**												
	0.00 SPLITTERS, ROCK & CONCRETE												
			DARDA (ELCO INTERNATIONAL)										
	S45DA001	02-2	220 TON, S FORCE, SIZE 2,(ADD COMP) 1-3/16" DIA., 12" DEEP HOLE REQ'D	80 CFM	A		$11,757	5.55	1.24	1.57	0.45	0.00	2
	S45DA002	02-7	220 TON, S FORCE, SIZE 7,(ADD COMP) 1-3/4" DIA., 18" DEEP HOLE REQ'D	80 CFM	A		$13,813	6.42	1.45	1.84	0.53	0.00	2
	S45DA003	02-8S	350 TON, S FORCE, SIZE 8,(ADD COMP) 1-3/4" DIA., 26" DEEP HOLE REQ'D	80 CFM	A		$14,205	6.67	1.49	1.89	0.54	0.00	2
T10	**TRACTOR BLADES & ATTACHMENTS**												
	0.00 TRACTOR BLADES & ATTACHMENTS												
			CATERPILLAR, INC.										
	T10CA001	3P	BLADE, POWER ANGLE TILT, FOR D3				$11,719	2.68	0.90	0.94	0.43	0.00	25
	T10CA002	53	WINCH, (ADD CABLE), FOR D3 TRACTOR				$9,035	2.08	0.69	0.72	0.33	0.00	10
	T10CA003	4S	BLADE, STRAIGHT,HYDRAULIC, FOR D4				$14,277	3.24	1.09	1.14	0.52	0.00	34
	T10CA004	4A	BLADE, ANGLE, HYDRAULIC, FOR D4				$19,387	4.38	1.49	1.55	0.71	0.00	34
	T10CA005	55	WINCH, (ADD CABLE), FOR D4 TRACTOR				$25,446	5.72	1.95	2.04	0.93	0.00	20

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T10			*CATERPILLAR, INC. (continued)*									
	T10CA006	5S	BLADE, STRAIGHT,HYDRAULIC, FOR D5			$16,768	3.79	1.28	1.34	0.61	0.00	41
	T10CA007	5A	BLADE, ANGLE, HYDRAULIC, FOR D5			$21,304	4.80	1.63	1.70	0.78	0.00	42
	T10CA008	55	WINCH, (ADD CABLE), FOR D5 TRACTOR			$25,474	5.73	1.95	2.04	0.93	0.00	21
	T10CA009	6S	BLADE, STRAIGHT,HYDRAULIC, FOR D6			$21,034	4.74	1.61	1.68	0.77	0.00	52
	T10CA010	6A	BLADE, ANGLE, HYDRAULIC, FOR D6			$23,337	5.25	1.79	1.87	0.85	0.00	58
	T10CA011	56	WINCH, (ADD CABLE), FOR D6 TRACTOR			$29,479	6.62	2.26	2.36	1.08	0.00	32
	T10CA012	7S	BLADE, STRAIGHT,HYDRAULIC, FOR D7			$32,227	7.23	2.47	2.58	1.18	0.00	76
	T10CA013	7U	BLADE, UNIVERSAL,HYDRAULIC, FOR D7			$35,485	7.95	2.72	2.84	1.30	0.00	87
	T10CA014	7A	BLADE, ANGLE, HYDRAULIC, FOR D7			$33,287	7.46	2.55	2.66	1.22	0.00	76
	T10CA015	57	WINCH, (ADD CABLE), FOR D7 TRACTOR			$36,659	8.22	2.81	2.93	1.34	0.00	41
	T10CA016	8S	BLADE, STRAIGHT,HYDRAULIC, FOR D8			$40,454	9.09	3.10	3.24	1.48	0.00	107
	T10CA017	8U	BLADE, UNIVERSAL,HYDRAULIC, FOR D8			$43,505	9.77	3.33	3.48	1.59	0.00	136
	T10CA018	8A	BLADE, ANGLE, HYDRAULIC, FOR D8			$40,642	9.13	3.11	3.25	1.48	0.00	136
	T10CA019		BLADE, PUSH PLATE FOR D8			$1,435	0.36	0.11	0.11	0.05	0.00	6
	T10CA020	57	WINCH, (ADD CABLE), FOR D8 TRACTOR			$36,659	8.27	2.81	2.93	1.34	0.00	41
	T10CA021	9SU	BLADE, SEMI-U, HYDRAULIC, FOR D9			$57,180	12.86	4.38	4.57	2.09	0.00	137
	T10CA022	9U	BLADE, UNIVERSAL,HYDRAULIC, FOR D9			$59,684	13.41	4.57	4.77	2.18	0.00	148
	T10CA023	59	WINCH, (ADD CABLE), FOR D9 TRACTOR			$42,001	9.50	3.21	3.36	1.53	0.00	45
	T10CA024	10SU	BLADE, SEMI-U, HYDRAULIC, FOR D10			$79,134	17.82	6.06	6.33	2.89	0.00	231
	T10CA025	10U	BLADE, UNIVERSAL,HYDRAULIC, FOR D10			$84,902	19.10	6.50	6.79	3.10	0.00	251
	T10CA026	11SU	BLADE, SEMI-U, HYDRAULIC, FOR D11			$112,176	25.26	8.58	8.97	4.10	0.00	351
	T10CA027	11U	BLADE, UNIVERSAL,HYDRAULIC, FOR D11			$122,196	27.50	9.35	9.78	4.46	0.00	400
			DRESSER (Formerly INTERNATIONAL / DRESSER)									
	T10ID001	15D-2	BLADE, SEMI-U, HYDRAULIC, FOR 15C			$17,800	3.99	1.36	1.42	0.65	0.00	45
	T10ID002	15G-2	BLADE, ANGLE, HYDRAULIC, FOR 15C			$20,149	4.52	1.55	1.61	0.74	0.00	48
	T10ID003	20D-2	BLADE, SEMI-U, HYDRAULIC, FOR 20G			$29,544	6.60	2.26	2.36	1.08	0.00	61
	T10ID004	20G-2	BLADE, ANGLE, HYDRAULIC, FOR 20G			$32,200	7.19	2.47	2.58	1.18	0.00	71
	T10ID005	25D-2	BLADE, SEMI-U, HYDRAULIC, FOR 25G			$41,054	9.19	3.14	3.28	1.50	0.00	114
	T10ID006	25G-2	BLADE, ANGLE, HYDRAULIC, FOR 25G			$43,937	9.85	3.36	3.51	1.60	0.00	115
	T10ID007	40D-2	BLADE, SEMI-U, HYDRAULIC, FOR 40B			$43,875	9.80	3.36	3.51	1.60	0.00	192
	T10ID008	40U-2	BLADE, ANGLE, HYDRAULIC, FOR 40B			$49,186	11.03	3.77	3.93	1.80	0.00	210

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE		VALUE (TEV)	TOTAL HOURLY RATES ($/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			CWT
			MAIN	CARRIER	1992 ($)	AVERAGE	STANDBY	DEPR	FCCM	FUEL	
		JOHN DEERE									
T10JD001	915 V-RIPPER	5x7 V SHAPED DEEP TILLER (ADD UP TO 200 PTO HP TRACTOR)			$5,647	1.25	0.44	0.45	0.21	0.00	10
		KOMATSU DRESSER COMPANY (Formerly KOMATSU)									
T10KM001	D31E-18	BLADE, ANGLE TILT, FOR D31E-18			$12,623	2.95	0.97	1.01	0.46	0.00	20
T10KM002	D37E-2	BLADE, ANGLE TILT, FOR D37E-2			$12,965	3.02	0.99	1.04	0.47	0.00	24
T10KM003	D58E-1	BLADE, ANGLE TILT, FOR D58E-1			$13,678	3.18	1.05	1.09	0.50	0.00	42
T10KM004	D63E-1	BLADE, ANGLE TILT, FOR D63E-1			$15,522	3.59	1.19	1.24	0.57	0.00	61
T10KM005	D68E-1	BLADE, ANGLE TILT, FOR D68E-1			$19,169	4.42	1.47	1.53	0.70	0.00	99
T10KM008	D85E-21	BLADE, ANGLE TILT, FOR D85E-21			$32,279	7.40	2.47	2.58	1.18	0.00	85
T10KM009	D85E-21	BLADE, U-DOZER, FOR D85E-21			$38,361	8.85	2.94	3.07	1.40	0.00	77
T10KM011	D155A-2	BLADE, U-DOZER, FOR D155A-2			$50,013	11.49	3.83	4.00	1.83	0.00	142
T10KM012	D355A-5	BLADE, U-DOZER, FOR D355A-5			$56,801	13.03	4.34	4.54	2.07	0.00	196
T10KM013	D355A-5	BLADE, STRAIGHT, FOR D355A-5			$51,304	11.76	3.92	4.10	1.87	0.00	184
T10KM014	D375A-2	BLADE, U-DOZER, FOR D375A-1			$67,137	15.52	5.14	5.37	2.45	0.00	229
T10KM015	D375A-2	BLADE, ANGLE TILT, FOR D375A-1			$50,971	11.70	3.90	4.08	1.86	0.00	195
T10KM016	D475A-2	BLADE, STRAIGHT, FOR D475A-1			$83,864	19.28	6.42	6.71	3.06	0.00	240
		LELY PACIFIC INC.									
T10LE001	200-19	POWER HARROW, 80" WIDTH ROTERRA (ADD 30 HP TRACTOR, PTO)			$6,604	1.46	0.51	0.53	0.24	0.00	12
T10LE002	250-19	POWER HARROW, 100" WIDTH ROTERRA (ADD 40 HP TRACTOR, PTO)			$7,594	1.69	0.59	0.61	0.28	0.00	14
T10LE003	300-19	POWER HARROW, 120" WIDTH ROTERRA (ADD 50 HP TRACTOR, PTO)			$8,123	1.80	0.63	0.65	0.30	0.00	16
T10LE004	350-33	POWER HARROW, 140" WIDTH ROTERRA (ADD 170 HP TRACTOR, PTO)			$13,720	3.04	1.05	1.10	0.50	0.00	23
T10LE005	400-44	POWER HARROW, 160" WIDTH ROTERRA (ADD 170 HP TRACTOR, PTO)			$17,014	3.77	1.30	1.36	0.62	0.00	29

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T15	**TRACTORS, CRAWLER (DOZER)**											
0.01	**0 THRU 225 HP**											
		CATERPILLAR, INC.										
T15CA002	D-3C II LGP	LOW GROUND PRES (ADD BLADE + WINCH)	65 HP	D-off		$65,711	20.66	4.95	4.93	2.48	2.03	128
T15CA003	D-3C	POWERSHIFT (ADD BLADE + WINCH)	67 HP	D-off		$61,480	19.60	4.63	4.61	2.32	2.09	146
T15CA004	D-4H II	POWERSHIFT (ADD BLADE + WINCH)	95 HP	D-off		$77,106	25.06	5.80	5.78	2.91	2.96	187
T15CA005	D-4H III LGP	LOW GROUND PRES (ADD BLADE + WINCH)	90 HP	D-off		$91,284	28.69	6.88	6.85	3.45	2.81	223
T15CA006	D-5H II	POWERSHIFT (ADD BLADE + WINCH)	120 HP	D-off		$130,305	40.56	9.81	9.77	4.92	3.74	238
T15CA007	D-5H II LGP	LOW GROUND PRES (ADD BLADE + WINCH)	125 HP	D-off		$149,032	45.86	11.22	11.18	5.63	3.90	278
T15CA008	D-6D	POWERSHIFT (ADD BLADE + WINCH)	140 HP	D-off		$130,180	41.43	9.80	9.76	4.92	4.37	288
T15CA009	D-6D SA	SPECIAL APPLICATION (ADD BLADE)	165 HP	D-off		$147,255	47.15	11.08	11.04	5.56	5.15	302
T15CA010	D-6H II	POWERSHIFT (ADD BLADE + WINCH)	165 HP	D-off		$163,585	51.57	12.32	12.27	6.18	5.15	358
T15CA011	D-6H II LGP	LOW GROUND PRES (ADD BLADE + WINCH)	165 HP	D-off		$187,444	58.02	14.11	14.06	7.08	5.15	372
T15CA012	D-7G	POWERSHIFT (ADD BLADE + WINCH)	200 HP	D-off		$227,844	70.49	17.15	17.09	8.60	6.24	384
T15CA013	D-7H II	POWERSHIFT (ADD BLADE + WINCH)	215 HP	D-off		$246,640	76.24	18.56	18.50	9.31	6.71	454
T15CA014	D-7H II LGP	LOW GROUND PRES (ADD BLADE + WINCH)	215 HP	D-off		$283,170	86.12	21.31	21.24	10.69	6.71	508
		J. I. CASE COMPANY										
T15CS001	450C	WITH POWER ANGLE TILT BLADE,PS	63 HP	D-off		$57,919	18.47	4.36	4.34	2.19	1.97	114
T15CS002	850D	WITH HYDR ANGLE TILT BLADE, PS/TC	82 HP	D-off		$80,450	25.40	6.06	6.03	3.04	2.56	172
T15CS003	850D LGP	WITH HYDR ANGLE TILT BLADE, PS/TC	82 HP	D-off		$83,955	26.35	6.32	6.30	3.17	2.56	172
		FIATALLIS NORTH AMERICA INC.										
T15FI001	FD5	WITH POWER ANGLE TILT BLADE, PS	70 HP	D-off		$67,471	21.35	5.08	5.06	2.55	2.18	140
T15FI002	FD7	WITH POWER ANGLE TILT BLADE, PS	84 HP	D-off		$81,275	25.71	6.12	6.10	3.07	2.62	171
T15FI003	FD9	WITH SEMI-U TILT BLADE, POWERSHIFT	107 HP	D-off		$118,908	36.91	8.95	8.92	4.49	3.34	237
T15FI004	10C	WITH HYDRAULIC SEMI-U TILT BLADE,PS	122 HP	D-off		$131,077	40.87	9.87	9.83	4.95	3.81	279
T15FI008	FD20	WITH HYDRAULIC SEMI-U TILT BLADE,PS	227 HP	D-off		$275,357	84.54	20.73	20.65	10.40	7.08	533
		HUNDAI (Korea)										
T15HU001	PR712	WITH STRAIGHT TILT BLADE, HYDST	100 HP	D-off		$106,176	33.15	7.99	7.96	4.01	3.12	254

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T15			***HUNDAI (Korea) (continued)***										
	T15HU002	PR722	WITH STRAIGHT TILT BLADE, HYDST	128 HP	D-off		$129,213	40.62	9.73	9.69	4.88	3.99	295
			DRESSER (Formerly INTERNATIONAL / DRESSER)										
	T15ID001	TD7G	WITH HYDRAULIC BLADE, POWERSHIFT	70 HP	D-off		$68,575	21.65	5.16	5.14	2.59	2.18	140
	T15ID002	TD8G	WITH HYDRAULIC BLADE, POWERSHIFT	80 HP	D-off		$88,141	27.39	6.64	6.61	3.33	2.50	180
	T15ID003	TD12C	WITH HYDRAULIC BLADE, POWERSHIFT	110 HP	D-off		$128,403	39.61	9.66	9.63	4.85	3.43	281
	T15ID004	TD15C	POWERSHIFT (ADD BLADE)	140 HP	D-off		$147,572	46.13	11.11	11.07	5.57	4.37	315
	T15ID005	TD20G	POWERSHIFT (ADD BLADE)	225 HP	D-off		$229,559	72.07	17.28	17.22	8.67	7.02	493
			JOHN DEERE										
	T15JD001	400G	WITH POWER ANGLE TILT BLADE	60 HP	D-off		$53,271	17.07	4.01	4.00	2.01	1.87	114
	T15JD002	450G	WITH 6405 HYDRAULIC BLADE, PS	70 HP	D-off		$60,393	19.44	4.55	4.53	2.28	2.18	153
	T15JD003	550G	WITH 6405 HYDRAULIC BLADE, PS	80 HP	D-off		$69,697	22.40	5.25	5.23	2.63	2.50	167
	T15JD004	650G	WITH 6405 HYDRAULIC BLADE, PS	90 HP	D-off		$78,076	25.11	5.88	5.86	2.95	2.81	188
	T15JD005	750B	WITH 6525 STRAIGHT W/TILT BLADE	120 HP	D-off		$122,262	38.39	9.21	9.17	4.62	3.74	291
	T15JD006	750B LGP	WITH 6525 HYDRAULIC TILT BLADE	120 HP	D-off		$125,769	39.33	9.47	9.43	4.75	3.74	313
	T15JD007	850B	WITH 6545 HYDRAULIC TILT BLADE	165 HP	D-off		$159,436	50.45	12.00	11.96	6.02	5.15	367
	T15JD008	850B LGP	WITH HYDRAULIC TILT BLADE	165 HP	D-off		$169,943	53.29	12.80	12.75	6.42	5.15	435
			KOMATSU DRESSER COMPANY (Formerly KOMATSU)										
	T15KM004	D63E-1	POWERSHIFT, (ADD BLADE)	140 HP	D-off		$163,863	50.53	12.34	12.29	6.19	4.37	316
	T15KM005	D68E-1	POWERSHIFT, (ADD BLADE)	180 HP	D-off		$210,385	64.89	15.83	15.78	7.94	5.62	412
	T15KM006	D83E-1	POWERSHIFT, (ADD BLADE)	205 HP	D-off		$254,325	77.87	19.14	19.07	9.60	6.40	360
	0.02	**226 HP THRU 425 HP**											
			CATERPILLAR, INC.										
	T15CA015	D-8L	POWERSHIFT (ADD BLADE + WINCH)	335 HP	D-off		$352,943	101.37	27.01	28.24	12.89	10.45	698
	T15CA016	D-8N	POWERSHIFT (ADD BLADE + WINCH)	285 HP	D-off		$287,832	83.16	22.03	23.03	10.51	8.89	575
	T15CA017	D-9N	POWERSHIFT (ADD BLADE + WINCH)	370 HP	D-off		$399,076	114.25	30.54	31.93	14.57	11.54	795
			FIATALLIS NORTH AMERICA INC.										
	T15FI009	FD30	WITH SEMI-U BLADE, POWERSHIFT	300 HP	D-off		$328,979	93.97	25.17	26.32	12.01	9.36	737

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T15			***FIATALLIS NORTH AMERICA INC. (continued)***										
	T15FI010	FD30B	WITH SEMI-U BLADE, POWERSHIFT	340 HP	D-off		$355,543	102.22	27.20	28.44	12.98	10.61	698
			DRESSER (Formerly INTERNATIONAL / DRESSER)										
	T15ID006	TD25G	POWERSHIFT (ADD BLADE)	320 HP	D-off		$307,666	89.52	23.54	24.61	11.23	9.98	726
			KOMATSU DRESSER COMPANY (Formerly KOMATSU)										
	T15KM009	D355A-5	POWERSHIFT, (ADD BLADE)	404 HP	D-off		$473,328	134.06	36.22	37.87	17.28	12.60	1,059
	0.03	**OVER 425 HP**											
			CATERPILLAR, INC.										
	T15CA018	D-10N	POWERSHIFT (ADD BLADE + WINCH)	520 HP	D-off		$540,396	142.98	37.96	38.28	18.82	16.22	1,007
	T15CA019	D-11N	POWERSHIFT (ADD BLADE + WINCH)	770 HP	D-off		$939,826	243.28	66.01	66.57	32.72	24.02	1,624
			FIATALLIS NORTH AMERICA INC.										
	T15FI011	FD40	WITH SEMI-U BLADE, POWERSHIFT	455 HP	D-off		$538,163	139.88	37.80	38.12	18.74	14.20	1,101
	T15FI012	FD40B	WITH HYDR SEMI-U BLADE, POWERSHIFT	475 HP	D-off		$513,046	135.00	36.03	36.34	17.86	14.82	1,153
	T15FI013	FD50	WITH HYDR SEMI-U BLADE, POWERSHIFT	525 HP	D-off		$625,740	162.48	43.95	44.32	21.79	16.38	1,291
			DRESSER (Formerly INTERNATIONAL / DRESSER)										
	T15ID007	TD-40	POWERSHIFT (ADD BLADE)	460 HP	D-off		$451,589	120.50	31.72	31.99	15.72	14.35	940
	T15ID008	TD40B	POWERSHIFT (ADD BLADE)	520 HP	D-off		$486,013	130.68	34.14	34.43	16.92	16.22	1,229
			KOMATSU DRESSER COMPANY (Formerly KOMATSU)										
	T15KM010	D375A-2	POWERSHIFT, (ADD BLADE)	525 HP	D-off		$644,253	166.66	45.25	45.63	22.43	16.38	1,302
	T15KM011	D475A-2	POWERSHIFT, (ADD BLADE)	770 HP	D-off		1,079,336	274.82	75.80	76.45	37.58	24.02	1,745

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 2

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
T20	**TRACTORS, WHEEL TYPE (DOZER)**											
	0.00 TRACTORS, WHEEL TYPE (DOZER)											
		CATERPILLAR, INC.										
T20CA001	814-B	WITH STRAIGHT BLADE,ARTICULATED,PS	210 HP	D-off		$241,691	57.19	18.43	19.82	8.52	6.05	460
T20CA002	824-C	WITH STRAIGHT BLADE,ARTICULATED,PS	310 HP	D-off		$349,230	84.11	26.41	28.18	12.32	8.93	629
T20CA003	834-B	WITH STRAIGHT BLADE,ARTICULATED,PS	450 HP	D-off		$523,146	122.96	39.43	41.95	18.45	12.96	906
		MICHIGAN / VOLVO (Formerly MICHIGAN / VME)										
T20MC001	280C	WITH STRAIGHT BLADE, ATRICULATED,PS	335 HP	D-off		$316,457	77.55	23.80	25.28	11.16	9.65	637
T20MC002	W380	WITH STRAIGHT BLADE, ATRICULATED,PS	572 HP	D-off		$587,476	141.41	42.61	43.77	20.72	16.47	1,208
T25	**TRACTORS, WHEEL TYPE (FARM)**											
	0.00 TRACTORS, WHEEL TYPE (FARM)											
		JOHN DEERE										
T25JD001	2155	INDUSTRIAL 2WD (NO ATTACHMENTS)	53 HP	D-off		$19,650	7.17	1.67	1.92	0.71	1.53	49
T25JD002	2355	INDUSTRIAL 2WD (NO ATTACHMENTS)	64 HP	D-off		$21,351	8.01	1.84	2.13	0.77	1.84	58
T25JD003	2555	INDUSTRIAL 2WD (NO ATTACHMENTS)	72 HP	D-off		$24,000	8.97	2.07	2.41	0.86	2.07	59
T25JD004	2755	INDUSTRIAL 2WD (NO ATTACHMENTS)	87 HP	D-off		$26,663	10.21	2.31	2.70	0.96	2.51	60
T30	**TRENCHERS, CHAIN**											
	0.00 TRENCHERS, CHAIN											
		DITCH WITCH										
T30DW001	C99	24" DEEP X 6" WIDE, WALK-BEHIND	9 HP	G		$4,624	2.29	0.39	0.44	0.17	0.76	6
T30DW002	2020	35" DEEP X 8" WIDE, 4WD, W/BLADE	20 HP	G		$17,557	7.14	1.52	1.73	0.65	1.69	30
T30DW003	3210	36" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	28 HP	G		$34,041	12.60	2.95	3.36	1.27	2.36	39
T30DW004	2310	39" DEEP X 5" WIDE, 4WD, W/BLADE	30 HP	G		$19,801	8.88	1.71	1.94	0.74	2.53	36
T30DW005	3500	63" DEEP X 12"WIDE, 4WD,W/DBL PIVOT	43 HP	D-off		$31,193	10.32	2.70	3.08	1.16	1.24	42

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T30			*DITCH WITCH (continued)*										
	T30DW006	5010	48" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	58 HP	D-off		$42,907	14.17	3.67	4.14	1.60	1.67	47
	T30DW007	6510	47" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	64 HP	D-off		$45,630	15.16	3.91	4.42	1.70	1.84	55
	T30DW008	6510	48" DEEP X 8" WIDE, 4WD, W/BLADE	64 HP	D-off		$53,945	17.47	4.64	5.25	2.01	1.84	106
	T30DW009	7510	60" DEEP X 8" WIDE, 4WD,W/DBL PIVOT	74 HP	D-off		$57,655	18.87	4.95	5.62	2.14	2.13	55
			TESMEC (Italy)										
	T30TM001	TRS 900-A	ROCKSAW, 3' DEEP x 4-8" WIDE, CRAWLER, WITH CRUMBSHOE	165 HP	D-off		$225,468	68.97	19.67	22.55	8.39	4.75	375
	T30TM002	TRS 900-B	CHAINSAW, 4' DEEP x 12" WIDE, CRAWLER, WITH CRUMBSHOE	165 HP	D-off		$230,599	70.39	20.11	23.06	8.58	4.75	405
	T30TM003	TRS 900-B	CHAINSAW, 8' DEEP x 24" WIDE, CRAWLER, WITH CRUMBSHOE	165 HP	D-off		$250,319	75.86	21.83	25.03	9.31	4.75	425
	T30TM004	TRS 900-A-SL	ROCKSAW, 3' DEEP x 4-8" WIDE CRAWLER, W/CRUMBSHOE, SELF LEVEL	165 HP	D-off		$243,208	73.89	21.21	24.32	9.05	4.75	400
	T30TM005	TRS 900-B-SL	CHAINSAW, 4' DEEP x 12" WIDE, CRAWLER, W/CRUMBSHOE, SELF LEVEL	165 HP	D-off		$247,951	75.21	21.62	24.80	9.22	4.75	430
	T30TM006	TRS 900-B-SL	CHAINSAW, 8' DEEP x 24" WIDE, CRAWLER, W/CRUMBSHOE, SELF LEVEL	165 HP	D-off		$267,124	80.52	23.29	26.71	9.93	4.75	450
	T30TM007	TRS 900-SLO	CHAINSAW, 4' DEEP x 12" WIDE, CRWLR W/CRUMBSHOE, SELF LEVEL, OFFSET	165 HP	D-off		$286,606	85.94	24.99	28.66	10.66	4.75	450
	T30TM008	TRS 900-SLO	CHAINSAW, 8' DEEP x18" WIDE, CRWLR W/CRUMBSHOE, SELF LEVEL, OFFSET	165 HP	D-off		$297,694	89.02	25.96	29.77	11.07	4.75	470
	T30TM009	TRS 1000-A	ROCKSAW, 4' DEEP x 5-12" WIDE, CRAWLER, WITH CRUMBSHOE	270 HP	D-off		$317,572	98.58	27.69	31.76	11.81	7.78	550
	T30TM010	TRS 1000-B	CHAINSAW, 10' DEEP x 30" WIDE, CRAWLER, WITH CRUMBSHOE	270 HP	D-off		$358,077	109.83	31.23	35.81	13.32	7.78	650
	T30TM012	TRS 1200	CHAINSAW, 8' DEEP x 24" WIDE, CRAWLER, WITH CRUMBSHOE	402 HP	D-off		$612,374	185.54	53.39	61.24	22.77	11.58	1,300
	T30TM013	TRS 1200	CHAINSAW, 14' DEEP x 42" WIDE, CRAWLER, WITH CRUMBSHOE	402 HP	D-off		$637,344	192.47	55.57	63.73	23.70	11.58	1,400
	T30TM014	TRS 1300	CHAINSAW, 10' DEEP x 26" WIDE, CRAWLER, WITH CRUMBSHOE	503 HP	D-off		$652,461	200.55	56.90	65.25	24.27	14.49	1,300
	T30TM015	TRS 1300	CHAINSAW, 16' DEEP x 42" WIDE, CRAWLER, WITH CRUMBSHOE	503 HP	D-off		$676,399	207.20	58.98	67.64	25.16	14.49	1,400
			VERMEER										
	T30VE001	V-1550	48" DEEP X 4-10" WIDE,WALK-BEHIND	18 HP	G		$11,103	5.10	0.97	1.11	0.41	1.52	15

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T30			***VERMEER (continued)***										
	T30VE002	LM-35	42" DEEP X 3.5-5" WIDE,PLOW TRENCHR	35 HP	D-off		$25,539	8.41	2.17	2.44	0.95	1.01	40
	T30VE003	V-450	60" DEEP X 6-18" WIDE,BACKHOE/BLADE	54 HP	D-off		$45,878	14.81	3.93	4.44	1.71	1.56	76
	T30VE004	M-455A	60" DEEP X 8-18" WIDE,BACKHOE/BLADE	53 HP	D-off		$57,239	17.92	4.92	5.58	2.13	1.53	82
	T30VE005	T-600D	72" DEEP X 10-24" WIDE,CRAWLER	113 HP	D-off		$110,202	34.94	9.61	11.02	4.10	3.25	193
	T30VE006	T-800C	96" DEEP X 12-36" WIDE,CRAWLER	175 HP	D-off		$184,728	58.03	16.11	18.47	6.87	5.04	423
T35	**TRENCHERS, WHEEL TYPE**												
	0.00 TRENCHERS, WHEEL TYPE												
			BARBER-GREENE COMPANY										
	T35BG001	TA 56	70" DEEP X 16-30" WIDE,CRAWLER	100 HP	D-off		$169,444	42.64	12.97	13.56	6.19	2.88	254
	T35BG002	TA 65	90" DEEP X 22-44" WIDE,CRAWLER	160 HP	D-off		$244,052	62.02	18.67	19.52	8.91	4.61	416
	T35BG003	TA 77	102" DEEP X 26-66" WIDE,CRAWLER	160 HP	D-off		$321,730	79.81	24.62	25.74	11.75	4.61	600
			CLEVELAND TRENCHER										
	T35CT001	9624-5	72" DP X 21.5" W,16"ROUND BKT,CRWLR	140 HP	D-off		$187,453	48.29	14.34	15.00	6.84	4.03	230
	T35CT002	9600-S	72" DP X 24" W, 12"ROUND BKT,CRWLR	140 HP	D-off		$225,576	57.03	17.27	18.05	8.24	4.03	229
	T35CT003	246-FD	84" DP X 24" W,16"ROUND BKT,CRAWLER	185 HP	D-off		$250,852	64.54	19.20	20.07	9.16	5.33	320
	T35CT004	7036-HD	84" DP X 36" W, 16"ROUND BKT,CRWLR	102 HP	D-off		$238,977	58.64	18.29	19.12	8.73	2.94	286
	T35CT005	7036-HD-2	84" DP X 27.5" W,22"ROUND BKT,CRWLR	102 HP	D-off		$239,980	58.87	18.36	19.20	8.76	2.94	282
	T35CT006	7036-3	84" DP X 33.5" W,28"ROUND BKT,CRWLR	102 HP	D-off		$241,470	59.22	18.48	19.32	8.82	2.94	263
	T35CT007	7036-SD	84" DP X 36" W, 16"ROUND BKT,CRWLR	102 HP	D-off		$250,015	61.17	19.13	20.00	9.13	2.94	340
	T35CT008	8700-2	84" DP X 31.5" W,22"BKT,ROTO TEETH	150 HP	D-off		$376,383	91.94	28.80	30.11	13.74	4.32	425
	T35CT009	7648-SD	90" DP X 48" W,22"ROUND BKT,CRAWLER	150 HP	D-off		$365,267	89.40	27.95	29.22	13.34	4.32	455
	T35CT010	7648-SD-4	90" DP X 42" W,34"ROUND BKT,CRWLR	150 HP	D-off		$374,380	91.49	28.65	29.95	13.67	4.32	497
	T35CT011	400W-HD	108" DP X 72" W,28"ROUND BKT,CRWLR	175 HP	D-off		$394,239	96.99	30.16	31.54	14.39	5.04	672

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T40	**TRUCK OPTIONS, (ADD TRUCK)**										
0.10	**CRANES, HYDRAULIC**										
		NO SPECIFIC MANUFACTURER									
T40XX001		MAX CAP. 5.3 TON, MAX. BOOM 48'			$34,978	9.34	3.05	3.50	1.30	0.00	39
T40XX002		MAX CAP. 7.3 TON, MAX. BOOM 63'			$55,415	14.72	4.83	5.54	2.06	0.00	94
T40XX003		MAX CAP. 8.0 TON, MAX. BOOM 85'			$58,097	15.42	5.07	5.81	2.16	0.00	109
T40XX004		MAX CAP. 14.0 TON, MAX. BOOM 118'			$65,553	17.43	5.72	6.56	2.44	0.00	143
T40XX005		MAX CAP. 16.5 TON, MAX. BOOM 118'			$78,518	20.86	6.85	7.85	2.92	0.00	143
T40XX006		MAX CAP. 17.5 TON, MAX. BOOM 140'			$92,773	24.63	8.09	9.28	3.45	0.00	193
0.20	**DUMP BODY, REAR**										
		MIDLAND (Canada)									
T40MY001	KLEENSIDE	4.9 CY, AIR GATE, WITH HOIST			$4,909	1.20	0.43	0.49	0.18	0.00	17
T40MY002	KLEENSIDE	7.5 CY, AIR GATE, W/HOIST			$5,368	1.32	0.47	0.54	0.20	0.00	21
T40MY003	KLEENSIDE	8.9 CY, AIR GATE, W/HOIST			$6,057	1.50	0.54	0.61	0.23	0.00	26
T40MY004	KLEENSIDE	10.3 CY, AIR GATE, W/HOIST			$6,600	1.63	0.58	0.66	0.25	0.00	31
T40MY005	KLEENSIDE	13.2 CY, AIR GATE, W/HOIST			$7,433	1.83	0.65	0.74	0.28	0.00	33
		NO SPECIFIC MANUFACTURER									
T40XX007		5 CY, 24000 TO 26000 GVW			$8,353	2.15	0.73	0.84	0.31	0.00	26
T40XX008		8 CY, 27000 TO 30000 GVW, AIR GATE			$13,254	3.35	1.16	1.33	0.49	0.00	44
T40XX009		10 CY, 36000 AND UP GVW, AIR GATE			$13,413	3.39	1.17	1.34	0.50	0.00	45
T40XX010		12 CY, 36000 AND UP GVW, AIR GATE			$13,610	3.44	1.19	1.36	0.51	0.00	46
0.30	**FLATBEDS, WITH CONTINUOUS SIDES**										
		NO SPECIFIC MANUFACTURER									
T40XX011		8' x 8.0'			$2,733	0.62	0.24	0.27	0.10	0.00	11
T40XX012		8' x 9.0'			$2,833	0.65	0.25	0.28	0.11	0.00	12
T40XX013		8' x 10.0'			$2,978	0.69	0.26	0.30	0.11	0.00	14

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T40			*NO SPECIFIC MANUFACTURER (continued)*									
	T40XX014		8' x 12.0'			$3,218	0.74	0.28	0.32	0.12	0.00	16
	T40XX015		8' x 14.0'			$3,467	0.80	0.31	0.35	0.13	0.00	16
	T40XX016		8' x 16.0'			$3,806	0.87	0.33	0.38	0.14	0.00	16
	T40XX017		8' x 18.0'			$4,114	0.94	0.36	0.41	0.15	0.00	17
	T40XX018		8' x 20.0'			$4,376	1.01	0.38	0.44	0.16	0.00	18
	T40XX019		8' x 22.0'			$4,668	1.07	0.41	0.47	0.17	0.00	18
	T40XX020		8' x 24.0'			$4,980	1.15	0.44	0.50	0.19	0.00	20
	T40XX021		2 TON, FLATBED HOIST			$4,374	1.01	0.38	0.44	0.16	0.00	15
	T40XX022		4 TON, FLATBED HOIST			$5,124	1.18	0.45	0.51	0.19	0.00	18
	0.41 HOIST, ELECTRIC DRIVE											
			NO SPECIFIC MANUFACTURER									
	T40XX023		1500 LB AT 1.75'			$3,094	0.86	0.28	0.31	0.12	0.00	4
	T40XX024		2400 LB AT 3'			$3,618	0.97	0.31	0.36	0.13	0.00	6
	T40XX025		5000 LB AT 4'			$9,970	2.54	0.87	1.00	0.37	0.00	15
	T40XX026		6000 LB AT 6'			$11,198	2.84	0.98	1.12	0.42	0.00	14
	0.50 TRANSIT MIXERS											
			LONDON (Canada)									
	T40LN001	TRAILER MOUNT	17.0 CY TRANSIT MIXER, TRIAXLE			$55,960	14.96	4.56	5.10	2.01	0.00	0
	T40LN003	BRIDGE SPAN20	10.0 CY TRANSIT MIXER			$32,888	8.78	2.89	3.41	1.18	0.00	0
	T40LN004	SERIES 60	8.0 CY TRANSIT MIXER			$19,512	5.39	1.74	2.07	0.70	0.00	0
	T40LN005	SERIES 65	8.5 CY TRANSIT MIXER			$19,880	5.48	1.77	2.11	0.71	0.00	0
	T40LN006	SERIES 70	9.0 CY TRANSIT MIXER			$20,248	5.58	1.81	2.15	0.73	0.00	0
	T40LN007	SERIES 80	10.0 CY TRANSIT MIXER			$21,206	5.81	1.89	2.25	0.76	0.00	0
	T40LN008	SERIES 85	11.0 CY TRANSIT MIXER			$21,795	5.96	1.94	2.32	0.78	0.00	0
	T40LN009	SERIES 90	12.0 CY TRANSIT MIXER			$22,163	6.05	1.98	2.35	0.80	0.00	0
	T40LN010	SERIES 90 LP	12.0 CY TRANSIT MIXER			$22,163	6.05	1.98	2.35	0.80	0.00	0
	T40LN011	SERIES 100	13.0 CY TRANSIT MIXER			$22,605	6.16	2.01	2.40	0.81	0.00	0

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		NO SPECIFIC MANUFACTURER									
T40XX027		7 CY (ADD 40000-50000 GVW TRUCK)			$35,332	8.98	3.15	3.75	1.27	0.00	63
T40XX028		8 CY (ADD 50000-70000 GVW TRUCK)			$35,912	9.14	3.20	3.82	1.29	0.00	66
T40XX029		8.5 CY (ADD 55000-75000 GVW TRUCK)			$36,305	9.24	3.24	3.86	1.31	0.00	68
T40XX030		9 CY (ADD 61000-80000 GVW TRUCK)			$36,897	9.38	3.29	3.92	1.33	0.00	73
0.60	**WATER TANKS**										
		NO SPECIFIC MANUFACTURER									
T40XX031		2000 GAL (ADD 23500-28000 GVW TRK)			$15,858	3.65	1.39	1.59	0.59	0.00	35
T40XX032		2500 GAL (ADD 25000-34950 GVW TRK)			$16,741	3.85	1.46	1.67	0.62	0.00	39
T40XX033		3000 GAL (ADD 29000-40000 GVW TRK)			$17,837	4.10	1.55	1.78	0.66	0.00	44
0.70	**ALL OTHER OPTIONS**										
		WALKER MANUFACTURING									
T40WL001	8-13000	GUILLOTINE CONCRETE BREAKER 8'-3" WIDE, 10' HIGH, 15'6" LONG (ADD 46,000 GVW TRUCK + FLATBED)	140 HP	D-off	$105,630	31.50	9.21	10.56	3.93	4.03	275
T45	**TRUCK TRAILERS**										
0.10	**BOTTOM DUMP**										
		MIDLAND (Canada)									
T45MY001	CLAMSHELL	29' TANDEM, 2 AXLE			$23,208	5.48	1.64	1.63	0.82	0.00	105
T45MY002	CLAMSHELL	32' TANDEM, 2 AXLE			$23,756	5.60	1.68	1.68	0.84	0.00	116
T45MY003	CLAMSHELL	40' TANDEM, 2 AXLE			$26,967	6.26	1.93	1.95	0.95	0.00	145
T45MY004	CLAMSHELL	42' TANDEM, 2 AXLE			$28,170	6.50	2.02	2.05	0.99	0.00	152
T45MY005	CLAMSHELL	38' TRIAXLE			$29,389	6.96	2.04	1.99	1.04	0.00	138
T45MY006	CLAMSHELL	40' TRIAXLE			$30,141	7.10	2.09	2.05	1.06	0.00	145
T45MY007	CLAMSHELL	42' TRIAXLE			$31,313	7.35	2.18	2.15	1.10	0.00	152
T45MY008	CROSS DUMP	29' TANDEM, 2 AXLE			$21,128	5.06	1.48	1.46	0.75	0.00	105
T45MY009	CROSS DUMP	32' TANDEM, 2 AXLE			$21,695	5.17	1.52	1.50	0.77	0.00	116

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T45			*MIDLAND (Canada) (continued)*									
	T45MY010	CROSS DUMP	40' TANDEM, 2 AXLE			$24,081	5.67	1.71	1.71	0.85	0.00	145
	T45MY011	CROSS DUMP	42' TANDEM, 2 AXLE			$25,252	5.91	1.80	1.81	0.89	0.00	152
	T45MY012	CROSS DUMP	38' TRIAXLE			$26,810	6.43	1.84	1.77	0.95	0.00	138
	T45MY013	CROSS DUMP	40' TRIAXLE			$27,399	6.55	1.88	1.82	0.97	0.00	145
	T45MY014	CROSS DUMP	42' TRIAXLE			$28,571	6.79	1.97	1.92	1.01	0.00	152
			NO SPECIFIC MANUFACTURER									
	T45XX001		18 CY, 27 TON			$35,575	8.06	2.64	2.77	1.25	0.00	122
	T45XX002		20 CY, 30 TON			$42,123	9.42	3.16	3.33	1.49	0.00	140
	T45XX003		30 CY, 30 TON			$42,840	9.57	3.21	3.39	1.51	0.00	160
	T45XX004		28 CY, 42 TON			$50,875	11.33	3.77	3.96	1.79	0.00	180
	T45XX005		20 CY, 35 TON OFF-HIGHWAY			$59,426	12.96	4.52	4.83	2.10	0.00	175
	T45XX006		32 CY, 55 TON OFF-HIGHWAY			$122,799	27.12	8.97	9.27	4.33	0.00	365
	T45XX007		43 CY, 70 TON OFF-HIGHWAY			$136,377	29.94	10.03	10.43	4.81	0.00	445
	0.20 END DUMP											
			MIDLAND (Canada)									
	T45MY015	XL 2000-24'	28 CY, 2 AXLE, WITH HOIST			$22,996	5.42	1.62	1.62	0.81	0.00	115
	T45MY016	XL 2000-29'	28 CY, 2 AXLE, WITH HOIST			$24,867	5.79	1.77	1.77	0.88	0.00	130
	T45MY017	XL 3000-35'	34 CY, 3 AXLE, WITH HOIST			$28,586	6.74	1.97	1.92	1.01	0.00	170
			NO SPECIFIC MANUFACTURER									
	T45XX008		20 CY, 24 TON			$46,938	10.14	3.53	3.73	1.66	0.00	146
	0.30 PUP TRAILER											
			MIDLAND (Canada)									
	T45MY018	PONY PUP	10 CY, 2 AXLE, WITH HOIST			$17,503	4.79	1.35	1.44	0.63	0.00	80
			NO SPECIFIC MANUFACTURER									
	T45XX009		8 CY, LONG TONGUE			$27,862	7.16	2.32	2.64	1.00	0.00	86
	T45XX010		10 CY, LONG TONGUE			$28,064	7.21	2.34	2.66	1.01	0.00	86

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
0.41 LOWBOY, RIGID NECK, DROP DECK											
	NO SPECIFIC MANUFACTURER										
T45XX011		25 TON, 2 AXLE			$27,635	5.43	1.93	1.70	1.08	0.00	89
T45XX012		30 TON, 2 AXLE			$30,815	6.01	2.16	1.91	1.20	0.00	94
T45XX013		35 TON, 2 AXLE			$33,725	6.53	2.38	2.11	1.32	0.00	109
T45XX014		35 TON, 3 AXLE			$38,967	7.62	2.71	2.38	1.52	0.00	134
T45XX015		40 TON, 3 AXLE			$40,738	7.98	2.83	2.48	1.59	0.00	144
T45XX016		50 TON, 3 AXLE			$46,813	9.02	3.28	2.89	1.83	0.00	161
T45XX017		60 TON, 3 AXLE			$50,804	9.89	3.50	3.03	1.98	0.00	188
T45XX018		70 TON, 3 AXLE			$61,458	11.72	4.29	3.78	2.40	0.00	213
T45XX019		75 TON, 3 AXLE			$63,498	12.06	4.44	3.92	2.48	0.00	228
T45XX020		80 TON, 4 AXLE			$71,649	13.54	5.04	4.50	2.79	0.00	266
T45XX021		90 TON, 4 AXLE			$77,346	14.68	5.42	4.79	3.02	0.00	297
T45XX022		100 TON, 4 AXLE			$85,082	16.09	5.95	5.26	3.32	0.00	313
T45XX023		120 TON, 4 AXLE			$98,732	18.83	6.81	5.92	3.85	0.00	351
T45XX024		HELPER DOLLY (60 TON TRAILER MAX)			$23,691	4.49	1.62	1.40	0.92	0.00	62
0.50 PLATFORM TRAILER											
	NO SPECIFIC MANUFACTURER										
T45XX025		25 TON, 2 AXLE			$23,216	8.33	1.60	1.37	0.91	0.00	110
0.60 TILT TRAILER											
	NO SPECIFIC MANUFACTURER										
T45XX026		12 TON, 2 AXLE			$15,089	3.17	1.05	0.91	0.59	0.00	62
T45XX027		16 TON, 2 AXLE			$17,193	3.63	1.17	0.99	0.67	0.00	65
T45XX028		20 TON, 2 AXLE			$18,643	3.90	1.27	1.07	0.73	0.00	67
0.70 WATER TANKER TRAILER											
	NO SPECIFIC MANUFACTURER										
T45XX029		4000 GAL	63 HP D-off		$42,275	10.23	3.07	2.83	1.65	1.81	120

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T45			*NO SPECIFIC MANUFACTURER (continued)*										
	T45XX030		5000 GAL	63 HP	D-off		$45,029	10.91	3.21	2.90	1.76	1.81	150
	T45XX031		6000 GAL	63 HP	D-off		$47,083	11.28	3.36	3.04	1.84	1.81	160
	0.80 DECONTAMINATION FACILITY												
			HAZCO										
	T45HA001		24 FOOT, 4 SHOWER UNIT				$27,739	7.07	2.28	2.36	1.10	0.00	35
	T45HA002		30 FOOT, 4 SHOWER UNIT				$33,499	8.52	2.76	2.86	1.33	0.00	45
	T45HA003		40 FOOT, 6 SHOWER UNIT				$44,668	11.27	3.68	3.82	1.77	0.00	60
	0.90 TANK TRAILERS												
			WARNER FRUEHAUF										
	T45WR001	TEV-F2-R-5500	5500 GAL VAC. TANK TRLR,SA285C PRESS VESSEL STEEL, STRAIGHT FRAME CONSTR.				$49,779	10.54	3.56	3.23	1.94	0.00	144
	T45WR002	TKV-F2-R-5500	5500 GAL VAC. TANK TRLR, T316L S.S VESSEL, STRAIGHT FRAME CONSTR.				$68,576	14.32	4.95	4.55	2.67	0.00	145
	T45WR003	TKX-F2-R-7000	7000 GAL INSUL. TANK TRLR, T316L S.S. VESSEL, STRAIGHT FRAME CONSTR.				$61,090	12.85	4.39	4.02	2.38	0.00	129
	T45WR004	TEV-F2-W-5500	7000 GAL INSUL. TANK TRLR, T316L S.S. VESSEL, ASYMMETRICAL DOUBLE CONICAL CONSTRUCTION				$63,436	13.31	4.57	4.19	2.47	0.00	129
	T45WR005	TEV-F2-R-5000	5000 GAL CORROSIVE TANK TRLR, T316L S.S. VESSEL, STRAIGHT FRAME CONSTR.				$53,520	11.27	3.84	3.49	2.09	0.00	110
T50	**TRUCKS, HIGHWAY**												
	0.01 0 THRU 10,000 GVW												
			FORD MOTOR COMPANY										
	T50FO001	F150	4X2 1/2-TON PICK-UP, 4900 GVW	117 HP	G		$16,018	7.71	1.45	1.66	0.62	2.36	34
	T50FO002	F150	4X4 1/2-TON PICK-UP, 6250 GVW	117 HP	G		$18,365	8.41	1.67	1.91	0.71	2.36	38
	T50FO003	F250 HD	4X2 3/4-TON PICK-UP, 8600 GVW	117 HP	G		$17,651	8.17	1.61	1.83	0.69	2.36	39
	T50FO004	F250 HD	4X4 3/4-TON PICK-UP, 8800 GVW	137 HP	G		$21,126	9.72	1.93	2.21	0.82	2.76	43
	T50FO005	F350	4X2 1-TON PICK-UP,10000 GVW	137 HP	G		$19,812	9.39	1.79	2.04	0.77	2.76	43

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 2

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		GMC AND CHEVROLET										
T50GM001	S10	4X2 COMPACT PICKUP, 3500 GVW	92 HP	G		$13,009	6.21	1.18	1.33	0.51	1.85	26
T50GM002	S10	4X4 COMPACT PICKUP, 3825 GVW	110 HP	G		$16,527	7.68	1.50	1.71	0.64	2.22	29
T50GM003	C14	4X2 1500 PICKUP, 5600 GVW	140 HP	G		$16,434	8.46	1.49	1.70	0.64	2.82	37
T50GM004	R26	4X2 SUBURBAN, 8600 GVW	165 HP	G		$22,648	10.87	2.07	2.37	0.88	3.33	47
T50GM005	V26	4X4 SUBURBAN, 8600 GVW	165 HP	G		$24,851	11.50	2.26	2.60	0.96	3.33	50
T50GM006	C24	4X2 2500 PICKUP, 7200 GVW	140 HP	G		$17,109	8.61	1.55	1.78	0.66	2.82	39
T50GM007	K24	4X4 2500 PICKUP, 7200 GVW	140 HP	G		$18,923	9.17	1.72	1.98	0.73	2.82	43
T50GM008	C34	4X2 3500 PICKUP, 10000 GVW	165 HP	G		$18,699	9.74	1.71	1.95	0.73	3.33	43
T50GM009	K34	4X4 3500 PICKUP, 10000 GVW	165 HP	G		$21,026	10.44	1.92	2.20	0.82	3.33	47
0.02	**OVER 10,000 THRU 30,000 GVW**											
		FORD MOTOR COMPANY										
T50FO006	F600	4X2, 21,000 GVW, 2 AXLE	213 HP	G		$26,254	19.68	2.16	2.29	1.01	9.66	63
T50FO007	F600	4X2, 21,000 GVW, 2 AXLE	165 HP	D-on		$28,058	12.43	2.31	2.46	1.08	4.13	63
T50FO008	F700	4X2, 22,200 GVW, 2 AXLE	213 HP	G		$27,492	19.98	2.27	2.41	1.06	9.66	67
T50FO009	F700	4X2, 22,200 GVW, 2 AXLE	170 HP	D-on		$32,321	13.60	2.67	2.86	1.24	4.25	75
T50FO010	F800	4X2, 24,700 GVW, 2 AXLE	213 HP	G		$28,750	20.33	2.35	2.50	1.10	9.66	74
T50FO011	F800	4X2, 24,700 GVW, 2 AXLE	190 HP	D-on		$37,084	15.73	3.00	3.16	1.42	4.75	83
		GMC AND CHEVROLET										
T50GM010	C5H042	4X2, 2 AXLE, 16850 GVW	210 HP	G		$24,380	19.06	2.00	2.12	0.94	9.53	68
T50GM011	C6H042	4X2, 2 AXLE, 25000 GVW	210 HP	G		$26,160	19.48	2.15	2.29	1.00	9.53	69
T50GM012	C6H042	4X2, 2 AXLE, 25000 GVW	170 HP	D-on		$30,870	13.26	2.55	2.73	1.18	4.25	75
T50GM013	C7H042	4X2, 2 AXLE, 27100 GVW	210 HP	G		$29,527	20.34	2.42	2.58	1.13	9.53	70
T50GM014	C7H042	4X2, 2 AXLE, 27100 GVW	170 HP	D-on		$34,766	14.32	2.84	3.02	1.33	4.25	76
		HINO (Japan)										
T50HN001	FA1415	14,050 GVW, 2 AXLE	150 HP	D-off		$25,486	9.40	2.14	2.31	0.98	2.40	54
T50HN002	FB1715	16,500 GVW, 2 AXLE	150 HP	D-off		$27,672	9.92	2.32	2.52	1.06	2.40	57
T50HN003	FD2218	22,300 GVW, 2 AXLE	180 HP	D-off		$37,150	13.11	3.06	3.25	1.43	2.88	82
T50HN004	FE2618	25,995 GVW, 2 AXLE	180 HP	D-off		$40,918	14.02	3.37	3.60	1.57	2.88	96

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T50			*HINO (Japan) (continued)*										
	T50HN005	FF3020	30,000 GVW, 2 AXLE	200 HP	D-off		$44,458	15.45	3.64	3.85	1.71	3.20	100
			INTERNATIONAL / NAVISTAR										
	T50IT001	4600	21,500 GVW, 4X2, 4000 SERIES, 2 AXLE	155 HP	D-on		$29,545	12.45	2.43	2.60	1.13	3.88	73
	T50IT002	4700	21,500 GVW, 4X2, 4000 SERIES, 2 AXLE	170 HP	D-on		$33,951	14.00	2.81	3.02	1.30	4.25	78
	T50IT003	4900	25,500 GVW, 4X2, 4000 SERIES, 2 AXLE	185 HP	D-on		$41,584	16.33	3.47	3.73	1.60	4.63	84
			MITSUBISHI FUSO (Japan)										
	T50MH001	FE439	11,600 GVW, 2 AXLE	135 HP	D-off		$22,205	8.27	1.86	2.01	0.85	2.16	48
	T50MH002	FE-HD449	13,500 GVW, 2 AXLE	135 HP	D-off		$22,848	8.45	1.92	2.07	0.88	2.16	48
	T50MH003	FH100	2 AXLE	155 HP	D-off		$27,857	10.07	2.34	2.54	1.07	2.48	63
	T50MH004	FK417	23,000 GVW, 2 AXLE	190 HP	D-off		$35,133	12.73	2.91	3.11	1.35	3.04	82
	T50MH005	FK-MR457	25,995 GVW, 2 AXLE	220 HP	D-off		$37,375	13.87	3.10	3.33	1.43	3.52	88
	T50MH006	FK-HD457	29,000 GVW, 2 AXLE	220 HP	D-off		$40,025	14.80	3.26	3.43	1.54	3.52	90
			TAKEUCHI (Japan)										
	T50TK001	UD1400	14,250 GVW, 2 AXLE	140 HP	D-off		$26,297	9.37	2.21	2.40	1.01	2.24	52
	T50TK002	UD1800	17,995 GVW, 2 AXLE	210 HP	D-off		$33,477	12.64	2.79	3.02	1.28	3.36	68
	T50TK003	UD2300LP	23,000 GVW, 2 AXLE	210 HP	D-off		$38,974	14.05	3.25	3.49	1.50	3.36	76
	T50TK004	UD2300DH	23,000 GVW, 2 AXLE	210 HP	D-off		$39,030	14.09	3.24	3.48	1.50	3.36	78
	T50TK005	UD2600	25,995 GVW, 2 AXLE	210 HP	D-off		$41,942	14.78	3.50	3.78	1.61	3.36	90
	T50TK006	UD3000	30,000 GVW, 2 AXLE	210 HP	D-off		$45,207	15.54	3.77	4.07	1.73	3.36	92
	0.03	**OVER 30,000 GVW**											
			FORD MOTOR COMPANY										
	T50FO013	LT8000	6X4, 43,000 GVW, 3 AXLE	210 HP	D-on		$59,723	25.20	5.01	5.58	2.22	7.35	118
	T50FO014	LTS8000	6X4, 43,000 GVW, 3 AXLE	210 HP	D-on		$61,437	25.63	5.15	5.74	2.28	7.35	120
	T50FO015	LNT8000	6X4, 43,000 GVW, 3 AXLE	210 HP	D-on		$59,419	25.13	4.98	5.53	2.21	7.35	116
	T50FO017	LT9000	6X4, 43,000 GVW, 3 AXLE	260 HP	D-on		$90,783	35.46	7.65	8.53	3.38	9.10	132
	T50FO018	LTS9000	6X4, 46,000 GVW, 3 AXLE	260 HP	D-on		$93,694	36.22	7.87	8.77	3.48	9.10	138
	T50FO019	LNT9000	6X4, 43,000 GVW, 3 AXLE	260 HP	D-on		$90,060	35.34	7.56	8.41	3.35	9.10	130
	T50FO020	CLT9000	6X4, 48,000 GVW, 3 AXLE	280 HP	D-on		$98,977	38.27	8.39	9.41	3.68	9.80	130

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN	CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		GMC AND CHEVROLET									
T50GM015	C7H064	6X4, 3 AXLE, 46000 GVW	240 HP G		$42,825	32.96	3.53	3.88	1.59	15.72	102
T50GM016	C7H064	6X4, 3 AXLE, 46000 GVW	215 HP D-on		$50,392	23.17	4.19	4.64	1.87	7.53	108
		HINO (Japan)									
T50HN006	SG3323	32,900 GVW, 2 AXLE	225 HP D-off		$49,534	19.45	4.16	4.64	1.84	5.04	105
T50HN007	SG5523	55,000 GVW, 2 AXLE	225 HP D-off		$54,204	20.59	4.57	5.10	2.02	5.04	107
		INTERNATIONAL / NAVISTAR									
T50IT004	4900	43,220 GVW, 6X4, 4000 SERIES, 3 AXLE	185 HP D-on		$61,135	24.40	5.13	5.71	2.27	6.48	119
T50IT005	5070	50,080 GVW, 6X4, 5000 SERIES, 3AX	240 HP D-on		$111,400	39.28	9.51	10.74	4.14	8.40	149
T50IT007	5070	54,000 GVW, 6X6, 5000 SERIES, 3AX	240 HP D-on		$136,063	45.33	11.67	13.21	5.06	8.40	171
T50IT008	4900	43,000 GVW, 6X6, 4000 SERIES, 3AX	185 HP D-on		$77,320	28.38	6.55	7.33	2.88	6.48	127
		KENWORTH									
T50KE001	T800	33,000 GVW, 76,800 GCW, 4X2, 2 AXLE	260 HP D-on		$96,377	35.87	8.36	9.56	3.58	9.10	115
T50KE002	T600A	33,000 GVW, 76,800 GCW, 4X2, 2 AXLE	260 HP D-on		$97,580	36.17	8.47	9.68	3.63	9.10	117
T50KE003	C500B	46,000 GVW, 6X4, 3 AXLE	260 HP D-on		$102,739	37.56	8.89	10.14	3.82	9.10	140
T50KE004	K100E	50,000 GVW, 85,000 GCW, 6X4,3 AXLE	260 HP D-on		$108,778	39.04	9.42	10.74	4.05	9.10	140
T50KE005	W900B	50,000 GVW, 85,000 GCW, 6X4,3 AXLE	260 HP D-on		$104,028	37.88	9.01	10.27	3.87	9.10	135
		MITSUBISHI FUSO (Japan)									
T50MH007	FM557	32,900 GVW, 2 AXLE	190 HP D-off		$44,303	17.12	3.71	4.11	1.65	4.26	99
T50MH008	FM-HD557	32,900 GVW, 2 AXLE	220 HP D-off		$46,783	18.62	3.92	4.36	1.74	4.93	103
		MACK TRUCKS									
T50MT001	R690T	HAULING, 33,500 GVW, 4X2	275 HP D-on		$80,730	32.91	6.94	7.88	3.00	9.63	101
T50MT002	MH-612	35,000 GVW, SLEEPER, 4X2	350 HP D-on		$94,012	39.67	8.11	9.21	3.50	12.25	120
T50MT003	RW732	HAULING, 35,000 GVW, 4X2	300 HP D-on		$88,777	36.04	7.64	8.68	3.30	10.50	118
T50MT004	MH-613	50,000 GVW, SLEEPER, 6X4	350 HP D-on		$108,378	43.40	9.31	10.55	4.03	12.25	150
T50MT005	R690ST	HAULING, 44,500 GVW, 6X4	275 HP D-on		$95,911	36.86	8.22	9.30	3.57	9.63	135
T50MT006	RW733	HAULING, 46,000 GVW, 6X4	300 HP D-on		$101,154	39.30	8.67	9.83	3.76	10.50	147

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T50			***MACK TRUCKS (continued)***										
	T50MT007	RD690SX	CONV. DUMPER, 76,000 GVW, 6X4	300 HP	D-on		$120,760	44.11	10.39	11.79	4.49	10.50	199
	T50MT008	DM690SX	ON/OFF,DUMPER/MIXER, 78,000 GVW, 6X4	300 HP	D-on		$120,747	44.11	10.39	11.79	4.49	10.50	197
	T50MT009	RD8666S	DUMP/MIXER, 50,000 GVW, 6X6	400 HP	D-on		$140,815	53.73	12.15	13.82	5.24	14.00	205
	T50MT010	RD8666SX	DUMP/MIXER, 74,000 GVW, 6X6	400 HP	D-on		$156,548	57.58	13.52	15.39	5.82	14.00	234
	T50MT011	RW602	HAULING, 35,000 GVW, 4X2	400 HP	D-on		$101,236	43.98	8.69	9.83	3.77	14.00	125
	T50MT012	RW612	HAULING, 35,000 GVW, 4X2	350 HP	D-on		$92,648	39.55	7.94	8.98	3.45	12.25	112
	T50MT013	RW713	HAULING, 64,000 GVW, 6X4	350 HP	D-on		$115,002	45.03	9.89	11.21	4.28	12.25	180
	T50MT014	RM6906S	CONV MIXER, 60,000 GVW, 6X6	300 HP	D-on		$131,756	46.84	11.36	12.91	4.90	10.50	172
	T50MT015	RD6906SX	CONV MIXER, 74,000 GVW, 6X6	300 HP	D-on		$143,848	49.81	12.41	14.12	5.35	10.50	192
			PETERBILT										
	T50PE001	376	35000 GCW, 4X2, 2 AXLE	250 HP	D-on		$71,608	29.81	6.07	6.82	2.66	8.75	95
	T50PE002	375	46000 GVW, 110000 GCW, 6X4, 3 AXLE	285 HP	D-on		$102,329	39.50	8.65	9.67	3.81	9.98	130
	T50PE003	362	46000 GVW, 110000 GCW, 6X4, 3 AXLE	300 HP	D-on		$119,874	44.48	10.17	11.42	4.46	10.50	142
	T50PE004	379	46000 GVW, 110000 GCW, 6X4, 3 AXLE	315 HP	D-on		$117,732	44.66	9.98	11.21	4.38	11.03	145
	T50PE005	357	62000 GVW, 110000 GCW, 6X4, 3 AXLE	285 HP	D-on		$97,260	38.25	8.20	9.16	3.62	9.98	155
	T50PE006	320	69000 GVW, 6X4, 3 AXLE	240 HP	D-on		$101,712	37.24	8.58	9.61	3.78	8.40	160
T55	**TRUCKS, OFF-HIGHWAY**												
	0.00 TRUCKS, OFF-HIGHWAY												
			CATERPILLAR, INC.										
	T55CA001	769C	22-30 CY, 35T,REAR DUMP,POWERSHIFT	450 HP	D-off		$408,766	84.28	28.05	27.64	14.23	7.92	668
	T55CA002	773B	30-45 CY, 50T,REAR DUMP,POWERSHIFT	650 HP	D-off		$548,786	116.74	37.35	36.48	19.11	11.44	841
	T55CA003	777C	47-67 CY, 85T,REAR DUMP,POWERSHIFT	870 HP	D-off		$893,057	179.75	60.63	59.07	31.09	15.31	1,449
	T55CA004	768C	PRIME MOVER TRACTOR, POWERSHIFT	450 HP	D-off		$370,304	76.22	25.25	24.72	12.89	7.92	523
	T55CA005	772B	PRIME MOVER TRACTOR, POWERSHIFT	650 HP	D-off		$529,373	110.45	35.81	34.76	18.43	11.44	716
	T55CA006	776B	PRIME MOVER TRACTOR, POWERSHIFT	870 HP	D-off		$711,491	149.51	47.88	46.21	24.77	15.31	1,096
			CATERPILLAR, INC. (Formerly DJB / CATERPILLAR)										
	T55DJ001	D25D 4X4	13-18 CY, 25T, REAR DUMP, ARTIC, PS	260 HP	D-off		$297,432	60.32	20.27	19.82	10.36	4.58	475
	T55DJ002	D250D 6X4	13-19 CY, 25T, REAR DUMP, ARTIC, PS	218 HP	D-off		$276,091	54.32	19.01	18.79	9.61	3.84	456

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T55			*CATERPILLAR, INC. (Formerly DJB / CATERPILLAR) (continued)*										
	T55DJ003	D30D 4X4	17-22 CY, 30T, REAR DUMP, ARTIC, PS	285 HP	D-off		$349,357	69.30	23.95	23.57	12.16	5.02	520
	T55DJ004	D300D 6X6	17-22 CY, 30T, REAR DUMP, ARTIC, PS	260 HP	D-off		$340,863	67.70	23.37	22.99	11.87	4.58	463
	T55DJ005	D350D 6X6	20-26 CY, 35T, REAR DUMP, ARTIC, PS	285 HP	D-off		$407,001	80.40	27.87	27.40	14.17	5.02	569
	T55DJ007	D400D DWL 6X6	21-28 CY, 40T, REAR DUMP, ARTIC, PS	385 HP	D-off		$446,704	91.04	30.48	29.86	15.55	6.78	653
	T55DJ010	D350D DWL 6X6	18-26 CY, 35T, REAR DUMP, ARTIC, PS	285 HP	D-off		$421,069	80.48	29.10	28.87	14.66	5.02	580
	T55DJ011	D40D 4X4	20-26 CY, 40T, REAR DUMP, ARTIC, PS	385 HP	D-off		$445,565	87.27	30.78	30.53	15.51	6.78	619
			EUCLID / VME										
	T55EU002	R35	22-30 CY. 35T, REAR DUMP,POWERSHIFT	450 HP	D-off		$260,085	59.52	17.62	17.11	9.06	7.92	651
	T55EU003	R50	32-44 CY, 50T, REAR DUMP,POWERSHIFT	675 HP	D-off		$399,199	92.44	26.84	25.88	13.90	11.88	836
	T55EU004	R85-B	49-67 CY, 85T, REAR DUMP,POWERSHIFT	925 HP	D-off		$575,843	127.40	38.55	36.99	20.05	16.28	1,320
			TEREX										
	T55TE001	2566	14-17 CY, 23 TON, REAR DUMP, ARTIC	224 HP	D-off		$255,654	51.72	17.58	17.35	8.90	3.94	400
	T55TE002	2766	16-19 CY, 25 TON, REAR DUMP, ARTIC	237 HP	D-off		$275,799	55.38	18.74	18.28	9.60	4.17	409
	T55TE003	3066	17-21 CY, 27 TON, REAR DUMP, ARTIC	258 HP	D-off		$293,435	59.03	19.96	19.47	10.22	4.54	457
	T55TE004	3305B	20-25 CY, 30 TON, REAR DUMP, PS	324 HP	D-off		$313,169	64.81	21.39	20.98	10.90	5.70	540
	T55TE005	4066	23-29 CY, 36 TON, REAR DUMP, ARTIC	359 HP	D-off		$381,161	79.64	26.00	25.46	13.27	6.32	596
	T55TE006	3307	26-34 CY, 40 TON, REAR DUMP, PS	500 HP	D-off		$389,681	86.54	26.18	25.21	13.57	8.80	803
	T55TE007	3309	36-47 CY, 55 TON, REAR DUMP, PS	620 HP	D-off		$521,745	108.92	35.17	34.00	18.17	10.91	1,004
	T55TE008	3311D	50-66 CY, 85 TON, REAR DUMP, PS	861 HP	D-off		$768,159	158.74	51.87	50.23	26.75	15.15	1,520
			UNIT RIG										
	T55UN001	MARK 24	45-63 CY, 85 TON, REAR DUMP	900 HP	D-off		$707,582	148.74	47.80	46.32	24.64	15.84	1,300
	T55UN002	MARK 30	63-85 CY, 120 TON, REAR DUMP	1,200 HP	D-off		$740,209	162.44	49.90	48.25	25.77	21.12	1,560
	T55UN003	MARK 36	92-126 CY, 170 TON, REAR DUMP	1,600 HP	D-off		1,042,259	231.18	69.23	65.88	36.29	28.16	1,950
			VOLVO / VME										
	T55VO001	A-20	12-16 CY, 20 TON, 6X6, REAR DUMP	186 HP	D-off		$183,502	38.51	12.42	12.05	6.39	3.27	346
	T55VO002	A-25	13-17 CY, 25 TON, 4X4, REAR DUMP	240 HP	D-off		$228,534	47.83	15.55	15.17	7.96	4.22	325
	T55VO003	A-25	13-17 CY, 25 TON, 6X6, REAR DUMP	240 HP	D-off		$245,321	51.26	16.65	16.22	8.54	4.22	373
	T55VO004	A-35	21-25 CY, 35 TON, 6X6, REAR DUMP	326 HP	D-off		$325,164	69.50	21.90	21.15	11.32	5.74	538

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
		KOMATSU / DRESSER (Formerly WABCO / DRESSER)										
T55WA001	140M	30 CY, 33-43 TON, MECH REAR DUMP	485 HP	D-off		$448,599	91.79	30.85	30.46	15.62	8.54	693
T55WA002	210M	44 CY, 44-59 TON, MECH REAR DUMP	675 HP	D-off		$590,671	124.30	40.30	39.45	20.57	11.88	903
T55WA003	325M	67 CY, 83-98 TON, MECH REAR DUMP	925 HP	D-off		$776,342	163.69	52.09	50.11	27.03	16.28	1,329
T55WA005	510E	100 CY, 116-153 TON, MECH REAR DUMP	1,350 HP	D-off		1,534,472	305.29	104.18	101.50	53.43	23.76	2,005
T57	**TRUCKS, VACUUM**											
	0.00 TRUCKS, VACUUM											
		CUSCO INDUSTRIES										
T57CU001	INDUSTRIAL VAC	5500 GAL, 750 CFM, TRLR MTD REAR DOOR & HYDRAULIC DUMP SYSTEM	76 HP	D-off		$75,192	19.14	5.76	6.02	2.75	2.19	76
T57CU002	SS INDUST. VAC	5500 GAL,SS, 750 CFM, TRLR MTD REAR DOOR & HYDRAULIC DUMP SYSTEM	76 HP	D-off		$92,750	22.92	7.10	7.42	3.39	2.19	76
T57CU003	2127	5500 GAL,2100 CFM, TRLR MTD W/REAR DOOR & HYDRAULIC DUMP SYSTEM	115 HP	D-off		$116,814	29.61	8.95	9.35	4.27	3.31	115
T57CU004	3127	5500 GAL,3170 CFM, TRLR MTD W/REAR DOOR & HYDRAULIC DUMP SYSTEM	177 HP	D-off		$128,303	34.46	9.81	10.26	4.68	5.10	177
T57CU005	4527	5500 GAL,4550 CFM, TRLR MTD W/REAR DOOR & HYDRAULIC DUMP SYSTEM	335 HP	D-off		$168,806	49.25	12.91	13.50	6.16	9.65	335
T60	**TRUCKS, WATER, OFF-HIGHWAY**											
	0.00 TRUCKS, WATER, OFF-HIGHWAY											
		KLEIN										
T60KI001	KT-50	5,000 GALLON,WITH CAT 613C TRACTOR	175 HP	D-off		$172,088	38.11	11.57	10.72	6.21	5.04	320
T60KI002	KT-60	6,000 GALLON,WITH CAT 621E TRACTOR	330 HP	D-off		$312,494	69.68	21.01	19.48	11.27	9.50	580
T60KI003	KT-80	8,000 GALLON,WITH CAT 631E TRACTOR	450 HP	D-off		$450,794	99.33	30.36	28.19	16.26	12.96	751
T60KI004	KT-100	10,000 GALLON,WITH CAT 631E TRACTOR	450 HP	D-off		$461,318	101.15	31.09	28.89	16.64	12.96	811
T60KI005	KT-100	10,000 GALLON,WITH CAT 651E TRACTOR	550 HP	D-off		$551,131	122.80	36.70	33.66	19.87	15.84	1,001
T60KI006	KT-120	12,000 GALLON,WITH CAT 651E TRACTOR	550 HP	D-off		$566,411	125.46	37.77	34.67	20.43	15.84	1,097

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T65	**TUNNEL/MINING EQUIPMENT**											
0.10	**DRIFTING & TUNNELING DRILLS**											
		ATLAS COPCO										
T65AS001	H104	HYDRAULIC SINGLE-BOOM DRILL FOR CROSS SECTIONS, 65-215 SF	67 HP	D-off		$286,465	53.19	18.52	17.28	9.88	2.41	192
T65AS002	H244	HYDRAULIC SINGLE-BOOM DRILL FOR CROSS SECTIONS, 108-345 SF	114 HP	D-off		$431,538	80.59	27.92	26.08	14.88	4.10	289
T65AS003	H130	HYDRAULIC TWIN-BOOM DRILL FOR CROSS SECTIONS, 130-430 SF	148 HP	D-off		$568,539	106.16	36.76	34.31	19.60	5.33	507
T65AS004	H177	HYDRAULIC TWIN-BOOM DRILL FOR CROSS SECTIONS, 592-1300 SF	148 HP	D-off		$712,406	131.12	46.09	43.05	24.56	5.33	568
T65AS005	H185	HYDRAULIC TWIN-BOOM DRILL FOR CROSS SECTIONS, 480-1070 SF	322 HP	D-off		$984,731	186.69	63.74	59.58	33.95	11.59	684
T65AS006	H179	HYDRAULIC FOUR-BOOM DRILL FOR CROSS SECTIONS, 700-1600 SF	268 HP	D-off		1,142,183	211.63	73.91	69.05	39.38	9.65	957
T65AS007	H526	HYDRAULIC RAILDRILL, SINGLE-BOOM FOR CROSS SECTIONS, 65-269 SF	67 HP	E		$235,863	50.93	15.29	14.32	8.13	5.36	137
T65AS008	H528	HYDRAULIC RAILDRILL, TWIN-BOOM FOR CROSS SECTIONS, 86-485 SF	134 HP	E		$405,202	90.33	26.27	24.60	13.97	10.72	198
0.20	**TUNNEL BORING MACHINES**											
		ATLAS COPCO										
T65AS009	JARVA MK8	TUNNEL BORING MACHINE 475 TON THRUST, 8-10' DIAMETER	697 HP	E		2,579,768	418.58	148.69	121.82	87.78	48.79	10,472
T65AS010	JARVA MK12	TUNNEL BORING MACHINE 750 TON THRUST, 11-14' DIAMETER	1,207 HP	E		3,778,926	635.60	217.81	178.45	128.58	84.49	16,535
T65AS011	JARVA MK27	TUNNEL BORING MACHINE 1400 TON THRUST, 20-28' DIAMETER	2,716 HP	E		10,579,599	1,699.03	609.78	499.59	359.98	190.12	30,865
		VOEST- ALPINE										
T65VA001	ATB 35	TUNNEL BORING MACHINE, 150 TONS 3.50 DIAMETER	1,250 HP	E		3,501,690	592.50	201.83	165.36	119.15	87.50	3,307
T65VA002	ATB 45	TUNNEL BORING MACHINE, 225 TONS 5.00 DIAMETER	1,275 HP	E		5,659,331	874.63	326.19	267.25	192.56	89.25	4,960

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T65			*VOEST- ALPINE (continued)*										
	T65VA003	ATB 80	TUNNEL BORING MACHINE, 500 TONS 8.00 DIAMETER	2,885 HP	E		2,350,300	1,920.10	711.84	583.21	420.23	201.95	11,023
	0.30 PRODUCTION DRILLING RIGS												
			ATLAS COPCO										
	T65AS012	SIMBA H350	HYDRAULIC PRODUCTION DRILL RIG HIGH CAPACITY, METHOD MATCHED	120 HP	E		$414,777	100.11	29.09	29.29	14.44	9.60	254
	T65AS013	SIMBA H260	HYDRAULIC PRODUCTION DRILL RIG HIGH CAPACITY, ITH DRILLING	60 HP	E		$269,539	62.33	18.89	19.02	9.38	4.80	135
	T65AS014		HYDRAULIC DRILL UNIT, SUPER LONG-HOLE DRILL WAGON	50 HP	E		$211,584	49.66	14.83	14.92	7.37	4.00	73
	T65AS015		PNEUMATIC PRODUCTION DRILLING BIG HOLE WAGON (ADD COMP)	425 CFM	A		$67,280	14.87	4.69	4.70	2.34	0.00	30
			FLETCHER MINING										
	T65FL001	LHD	DRILLING SYSTEM, WITH DRILL UNIT & TENDER CAR, 2000PSI, 10' REACH	80 HP	E		$318,301	75.01	22.31	22.46	11.08	6.40	400
	0.40 ROADHEADERS & CONTINUOUS MINERS												
			ATLAS COPCO										
	T65AS016	ET 120-L	ROADHEADER, 32 TONS 213" X 158" CUTTING RANGE	284 HP	E		$992,465	190.54	60.35	52.72	33.99	19.88	639
	T65AS017	ET 210-L	ROADHEADER, 57 TONS 270" X 186" CUTTING RANGE	456 HP	E		1,528,506	295.41	92.95	81.20	52.35	31.92	1,146
	T65AS018	ET 380-L	ROADHEADER, 99 TONS 386" X 276" CUTTING RANGE	510 HP	E		2,252,545	415.70	136.99	119.67	77.15	35.70	1,984
	T65AS019	ET 450-L	ROADHEADER, 121 TONS 331" X 244"" CUTTING RANGE	644 HP	E		2,233,989	429.20	135.86	118.68	76.52	45.08	2,425
			ANDERSON TUNNELING										
	T65AT001	RH 25	ROADHEADER, 25.4 TON 236" X 167" CUTTING RANGE	258 HP	E		$578,483	122.11	35.18	30.73	19.81	18.06	560
	T65AT002	RH 25L	ROADHEADER, LOW PROFILE, 25.4T	258 HP	E		$623,897	129.25	37.94	33.14	21.37	18.06	560

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T65			***ANDERSON TUNNELING (continued)***										
	T65AT003	RH 22	ROADHEADER, 35 TON 213" X 197" CUTTING RANGE	300 HP	E		$848,084	169.64	51.58	45.05	29.05	21.00	770
	T65AT004	RH 45	ROADHEADER, 50 TON	645 HP	E		1,074,270	247.09	65.33	57.07	36.80	45.15	1,100
	T65AT005	RH 1/4	ROADHEADER, 66 TON 216" X 224" CUTTING RANGE	360 HP	E		1,230,429	236.90	74.83	65.37	42.14	25.20	1,460
	T65AT006	RH90	ROADHEADER, 90 TON 236" X 197" CUTTING RANGE	486 HP	E		1,839,071	348.06	111.84	97.70	62.99	34.02	1,980
			DOSCO										
	T65DO001	MD1100	ROADHEADER, 36.4 TONS 157" X 173" CUTTING RANGE	210 HP	E		$709,872	136.90	43.17	37.71	24.31	14.70	728
	T65DO002	MK2B	ROADHEADER, 48.5 TONS 170" X 227" CUTTING RANGE	260 HP	E		$949,388	180.62	57.74	50.44	32.52	18.20	970
	T65DO003	MK3	ROADHEADER, 91.5 TONS 236" X 300" CUTTING RANGE	525 HP	E		1,551,213	307.67	94.34	82.41	53.13	36.75	1,830
	T65DO004	TB 3000	TWIN BOOM MINER, 137.8 TONS 236" X 350" CUTTING RANGE	995 HP	E		3,090,431	606.33	187.94	164.18	105.85	69.65	2,756
	T65DO005	DIRTHEADER	CONTINUOUS MINER, 18.8 TONS	120 HP	E		$658,476	118.82	40.04	34.98	22.55	8.40	376
			DRESSER INDUSTRIES										
	T65DR001	102HP	CONTINUOUS MINER, 22 TONS, 26" TO 47" CUTTING RANGE	345 HP	E		$515,910	122.96	31.38	27.41	17.67	24.15	440
	T65DR002	1026	CONTINUOUS MINER, 42 TONS, 33" TO 101" CUTTING RANGE	440 HP	E		$876,471	191.18	53.30	46.56	30.02	30.80	845
	T65DR003	1036HP	CONTINUOUS MINER, 55 TONS, 46" TO 146" CUTTING RANGE	690 HP	E		$930,887	230.06	56.61	49.45	31.88	48.30	1,110
			VOEST- ALPINE										
	T65VA004	AM 50	CONTIN. MINER & TUNNEL MACHINE 24TON, 157" X 189" CUTTING RANGE	230 HP	E		$770,316	146.63	46.84	40.92	26.38	16.10	480
	T65VA005	AM 65-132D	CONTIN. MINER & TUNNEL MACHINE 32TON, 170" X 191" CUTTING RANGE	465 HP	E		1,227,659	244.65	74.66	65.22	42.05	32.55	706
	T65VA006	AM 75-160C	CONTIN. MINER & TUNNEL MACHINE 57TON, 185" X 201" CUTTING RANGE	465 HP	E		1,540,710	293.83	93.70	81.85	52.77	32.55	1,146
	T65VA007	AM 100-300/360P	CONTIN. MINER & TUNNEL MACHINE 107 TONS	725 HP	E		2,265,788	436.71	137.80	120.37	77.61	50.75	2,139

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		ENGINE HORSEPOWER - FUEL TYPE CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	TOTAL HOURLY RATES ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	ADJUSTABLE ELEMENTS OWNERSHIP FCCM	ADJUSTABLE ELEMENTS OWNERSHIP FUEL	CWT
0.50 ROCK BOLTING EQUIPMENT													
		ATLAS COPCO											
T65AS020	BOLTEC H625L	ROCK BOLTER, 32' VERTICAL REACH	50 HP	E	52 HP	D-off	$492,694	115.16	37.61	39.25	17.99	4.25	162
T65AS021	BOLTEC H735H	ROCK BOLTER, 34' VERTICAL REACH	50 HP	E	82 HP	D-off	$595,512	138.03	45.48	47.48	21.74	4.39	202
		FLETCHER MINING											
T65FL002	DDR	DUAL HEAD ROOF BOLTER, ANGLE DRILLING, 17.5 TONS, 9' REACH	80 HP	E			$199,914	55.40	15.26	15.92	7.30	6.40	350
T65FL003	DDO	DUAL HEAD ROOF BOLTER, LOW PROFILE, 16 TONS	80 HP	E			$189,177	53.08	14.44	15.06	6.91	6.40	320
T65FL004	HDDR	DUAL HEAD ROOF BOLTER, WALK- THRU CHASSIS, 20 TONS, 18' REACH	80 HP	E			$272,100	71.00	20.78	21.67	9.94	6.40	400
T65FL005	DR	LONGWALL ROOF BOLTER, SINGLE HEAD, 6.6 TONS	40 HP	E			$120,757	32.24	9.20	9.58	4.41	3.20	132
0.61 LOADING & HAULING EQUIPMENT, DIESEL OR GAS													
		EIMCO (EJC)											
T65EI001	EJC 60	LOAD HAUL DUMP, 1.5 CY BUCKET 6000 LB. PAYLOAD	68 HP	D-off			$87,764	19.01	6.02	5.71	3.16	2.12	127
T65EI002	EJC 100	LOAD HAUL DUMP, 2.8 CY BUCKET 10,000 LB. PAYLOAD	100 HP	D-off			$153,175	32.41	10.51	9.97	5.52	3.12	285
T65EI003	EJC 130	LOAD HAUL DUMP, 3.5 CY BUCKET 13,000 LB. PAYLOAD	139 HP	D-off			$169,579	37.17	11.63	11.02	6.12	4.34	350
T65EI004	EJC 210	LOAD HAUL DUMP, 6.0 CY BUCKET 21,000 LB. PAYLOAD	231 HP	D-off			$246,780	56.15	16.75	15.69	8.90	7.21	553
T65EI005	EJC 300	LOAD HAUL DUMP, 8.0 CY BUCKET 30,000 LB. PAYLOAD	277 HP	D-off			$313,419	70.41	20.84	19.08	11.30	8.64	705
T65EI006	EJC 400	LOAD HAUL DUMP, 16.0 CY BUCKET 40,000 LB. PAYLOAD	325 HP	D-off			$487,877	105.36	32.35	29.52	17.59	10.14	1,322
T65EI007	EJC 60	LOAD HAUL DUMP, 1.5 CY BUCKET 6,000 LB. PAYLOAD	50 HP	D-off			$97,424	20.50	6.69	6.36	3.51	1.56	132
T65EI008	EJC 80	LOAD HAUL DUMP, 2.25 CY BUCKET 8,000 LB. PAYLOAD	75 HP	D-off			$150,186	31.59	10.31	9.78	5.42	2.34	240
T65EI009	EJC 100	LOAD HAUL DUMP, 2.8 CY BUCKET 10,000 LB. PAYLOAD	100 HP	D-off			$168,091	36.11	11.55	10.97	6.06	3.12	310

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T65			*EIMCO (EJC) (continued)*										
	T65EI010	EJC 413	END DUMP TRUCK 9 CY CAPACITY 26,000 LB PAYLOAD, 4WD	139 HP	D-off		$159,325	35.43	10.90	10.29	5.75	4.34	325
	T65EI011	EJC 985-T15	END DUMP TRUCK 10 CY CAPACITY 30,000 LB PAYLOAD, 4WD	185 HP	D-off		$153,415	36.29	10.48	9.90	5.53	5.77	280
	T65EI012	EJC 430	END DUMP TRUCK 18 CY CAPACITY 60,000 LB PAYLOAD. 4WD	277 HP	D-off		$242,302	58.45	16.20	14.92	8.74	8.64	530
	T65EI013	EJC 450	END DUMP TRUCK 26.5 CY CAPACITY 50 TON PAYLOAD. 4WD	450 HP	D-off		$460,952	105.47	31.31	29.38	16.62	14.04	930
			WAGNER MINING										
	T65WG001	HST-05	SCOOPTRAM, 0.5 CY BUCKET 1500 LB CAPACITY	41 HP	D-off		$84,792	17.28	5.84	5.55	3.06	1.28	66
	T65WG002	ST-2D	SCOOPTRAM, 2.5 CY BUCKET 8000 LB CAPACITY, 4WD	82 HP	D-off		$157,484	32.44	10.81	10.26	5.68	2.56	248
	T65WG003	ST-6C	SCOOPTRAM, 6.0 CY BUCKET 21,000 LB CAPACITY, 4WD	231 HP	D-off		$283,345	62.74	19.29	18.13	10.22	7.21	510
	T65WG004	ST-8B	SCOOPTRAM, 8.50 CY BUCKET 30,000 LB CAPACITY, 4WD	277 HP	D-off		$381,683	83.05	25.97	24.42	13.76	8.64	790
	T65WG008	MT-406	REAR DUMP TRUCK, 4.4 CY CAP 13,200 LB PAYLOAD, 4WD	82 HP	D-off		$103,669	22.40	7.15	6.81	3.74	2.56	131
	T65WG009	MT-416	REAR DUMP TRUCK, 10.7 CY CAP 16 TON PAYLOAD, 4WD	185 HP	D-off		$194,978	43.53	13.42	12.77	7.03	5.77	343
	T65WG010	MT-433	REAR DUMP TRUCK, 22.0 CY CAP 33 TON PAYLOAD, 4WD	277 HP	D-off		$326,130	73.04	22.12	20.71	11.76	8.64	623
	T65WG011	MT-444	REAR DUMP TRUCK, 29.3 CY CAP 44 TON PAYLOAD, 4WD	475 HP	D-off		$429,733	101.15	29.10	27.19	15.50	14.82	725
	0.62	**LOADING & HAULING EQUIPMENT, ELECTRIC**											
			VOEST- ALPINE										
	T65VA008	AL 30	FACE FEED LOADER, 1.6 CY BUCKET	100 HP	E		$567,231	102.08	35.97	31.36	20.29	7.00	500
	T65VA009	AL 60	FACE FEED LOADER, 2.6 CY BUCKET	215 HP	E		$929,924	167.11	59.84	53.14	33.27	15.05	1,102
			WAGNER MINING										
	T65WG005	EHST-05	SCOOPTRAM, 0.5 CY BUCKET 1500 LB CAPACITY	30 HP	E		$102,104	19.63	6.52	5.74	3.65	2.10	60

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T65			***WAGNER MINING (continued)***										
	T65WG006	EST-2D	SCOOPTRAM, 2.5 CY BUCKET 8000 LB CAPACITY, 4WD	75 HP	E		$188,263	38.63	12.02	10.55	6.74	5.25	254
	T65WG007	EST-6C	SCOOPTRAM, 6.0 CY BUCKET 21,000 LB CAPACITY, 4WD	175 HP	E		$339,680	75.28	21.53	18.76	12.15	12.25	500
	0.63	**LOADING & HAULING EQUIPMENT, AIR-POWERED**											
			ATLAS COPCO										
	T65AS022	LM 37	RAILBOUND OVERHEAD LOADER 5.0 CF BUCKET (ADD COMP)	210 CFM	A		$46,133	10.42	3.47	3.46	1.74	0.00	43
	T65AS023	LM 57	RAILBOUND OVERHEAD LOADER 9.2 CF BUCKET (ADD COMP)	280 CFM	A		$53,769	11.89	4.05	4.03	2.03	0.00	60
	T65AS024	CAVO 310	WHEELED LOAD-AND-CARRY DUMPER 4.6 CF BUCKET (ADD COMP)	280 CFM	A		$77,674	17.22	5.79	5.72	2.93	0.00	70
	T65AS025	CAVO 320	WHEELED OVERHEAD LOADER 11 CF BUCKET (ADD COMP)	280 CFM	A		$79,750	17.62	5.94	5.87	3.01	0.00	90
	0.70	**LOCOMOTIVES**											
			BROOKVILLE MINING										
	T65BR001		15 TON LOCOMOTIVE, CHAIN DRIVE 24" GAUGE, 375 TON CAP SCH. #24	139 HP	D-off		$126,991	27.23	8.82	8.47	4.58	4.34	300
	T65BR002		15 TON LOCOMOTIVE, CHAIN DRIVE 24" GAUGE, 375 TON CAP SCH. #31	139 HP	D-off		$147,329	30.89	10.22	9.82	5.31	4.34	300
	T65BR003		20 TON LOCOMOTIVE, CHAIN DRIVE 24" GAUGE, 500 TON CAP SCH. #24	139 HP	D-off		$144,727	30.43	10.05	9.65	5.22	4.34	400
	T65BR004		20 TON LOCOMOTIVE, CHAIN DRIVE 24" GAUGE, 500 TON CAP SCH. #31	139 HP	D-off		$170,152	35.01	11.81	11.34	6.14	4.34	400
	T65BR005		25 TON LOCOMOTIVE, PLANETARY DR 30" GAUGE, 625 TON CAP SCH. #24	185 HP	D-off		$160,429	34.69	11.14	10.70	5.79	5.77	500
	T65BR006		25 TON LOCOMOTIVE, PLANETARY DR 30" GAUGE, 625 TON CAP SCH. #31	185 HP	D-off		$185,856	39.26	12.90	12.39	6.70	5.77	500
	T65BR007		35 TON LOCOMOTIVE, PLANETARY DR 36" GAUGE, 875 TON CAP SCH. #24	375 HP	D-off		$212,171	49.93	14.72	14.14	7.65	11.70	700
	T65BR008		35 TON LOCOMOTIVE, PLANETARY DR 36" GAUGE, 875 TON CAP SCH. #31	375 HP	D-off		$232,512	53.60	16.13	15.50	8.38	11.70	700
	T65BR009		45 TON LOCOMOTIVE, PLANETARY DR 42" GAUGE, 1125 TON CAP SCH. #24	375 HP	D-off		$235,684	54.18	16.36	15.71	8.50	11.70	900

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T65			***BROOKVILLE MINING (continued)***											
	T65BR010		45 TON LOCOMOTIVE, PLANETARY DR 42" GAUGE, 1125 TON CAP SCH. #31	375 HP	D-off			$250,938	56.93	17.42	16.73	9.05	11.70	900
	0.90 OTHER TUNNELING EQUIPMENT													
			ANDERSON TUNNELING											
	T65AT007		BRIDGE CONVEYOR	25 HP	E			$57,383	16.31	4.40	4.59	2.10	1.75	22
	T65AT008		SLEWING BELT CONVEYOR	16 HP	E			$79,783	20.11	6.10	6.38	2.91	1.12	11
			DOSCO											
	T65DO007	24HC	DUST EXTRACTOR, 11,653 CFM CAP 77 LBS/HR DUST LOADING	50 HP	E			$51,629	17.00	3.96	4.13	1.89	3.50	37
	T65DO008	30HC	DUST EXTRACTOR, 21,188 CFM CAP 187 LBS/HR DUST LOADING	75 HP	E			$70,404	23.97	5.39	5.63	2.57	5.25	64
			DRESSER INDUSTRIES											
	T65DR004	5010	CONTINUOUS HAULAGE SYSTEM, WITH BRIDGE CONVEYOR	60 HP	E			$515,495	119.13	39.44	41.24	18.82	4.20	233
	T65DR005	94L/506C5	CONTINUOUS HAULAGE SYSTEM, WITH BRIDGE CONVEYOR	52 HP	E			$360,648	84.87	27.60	28.85	13.17	3.64	156
			EIMCO (EJC)											
	T65EI014	EJC 955	UTILITY VEHICLE, W/SCISSOR LIFT 3,000 LB PAYLOAD	40 HP	D-off			$67,394	16.45	5.09	5.26	2.46	1.25	60
	T65EI015	EKC 975A	UTILITY VEHICLE, W/FLATBED	90 HP	D-off			$79,762	21.19	6.05	6.27	2.91	2.81	100
			FLETCHER MINING											
	T65FL006		RAIL RANGER, 15-16 PERSON, RAIL TRACK MOUNTED	55 HP	D-off			$65,273	16.41	4.99	5.22	2.38	1.72	150
			TELEDYNE											
	T65TL001	TM17HD-1425X	MOBILE ROCK BREAKER, 5500 FT LB	120 HP	D-off	86 HP	D-off	$304,007	71.78	23.17	24.13	11.10	4.22	390
	T65TL002	DS-25	MOBILE SCALER, 750 FT LB	84 HP	D-off	86 HP	D-off	$209,938	49.99	15.98	16.61	7.67	3.10	330
	T65TL003		ANFO EXPLOS. LDR VEH, 1200LB CAP	84 HP	D-off	86 HP	D-off	$164,052	40.08	12.46	12.93	5.99	3.10	280

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER		VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
T65			*TELEDYNE (continued)*											
	T65TL004	MIGHTY MOVER	FORKLIFT TRANSPORTER, 9000LB CAP	84 HP	D-off	86 HP	D-off	$159,937	39.19	12.14	12.60	5.84	3.10	310
	T65TL005		HVY DUTY SCISSOR LIFT 6000LB CAP	84 HP	D-off	86 HP	D-off	$125,150	31.69	9.48	9.82	4.57	3.10	280
W10	**WAGONS, BOTTOM DUMP**													
	0.00 WAGONS, BOTTOM DUMP													
			ATHEY (Formerly CATERPILLAR-ATHEY)											
	W10CE001	621/PW621E	22-27 CY, 30 TON, POWERSHIFT	330 HP	D-off			$340,945	76.18	23.18	22.61	11.87	9.50	579
	W10CE002	768/PW768C	42-48 CY, 57 TON, POWERSHIFT	450 HP	D-off			$501,775	111.04	33.89	32.83	17.47	12.96	935
	W10CE003	772/PW772B	60-67 CY, 91 TON, POWERSHIFT	650 HP	D-off			$765,484	166.73	51.77	50.24	26.65	18.72	1,360
W15	**WAGONS, REAR DUMP**													
	0.00 WAGONS, REAR DUMP													
			ATHEY (Formerly CATERPILLAR-ATHEY)											
	W15CE001	621/PR621E	22-26 CY, 30 TON, POWERSHIFT	330 HP	D-off			$357,845	77.11	24.41	23.89	12.46	9.50	630
	W15CE002	631/PR631E	27-32 CY, 36 TON, POWERSHIFT	450 HP	D-off			$520,175	109.61	35.00	33.78	18.11	12.96	833
W25	**WATER & CO2 BLASTERS**													
	0.10 LOW PRESSURE, (< 5,000 PSI)													
			ATLANTIC											
	W25AN001	E200	COLD WATER, 1,800 PSI	5 HP	E			$2,634	2.50	0.38	0.53	0.11	0.48	2
	W25AN002	2000	HOT WATER, 1,800 PSI	5 HP	E			$4,141	3.37	0.59	0.83	0.17	0.48	2
	W25AN003	H320	COLD WATER, 3,200 PSI	11 HP	G			$3,173	3.59	0.45	0.63	0.13	1.36	2
	W25AN004	3200	HOT WATER, 3,200 PSI	11 HP	G			$5,214	4.78	0.73	1.04	0.21	1.36	2
			CDS GROUP											
	W25CD001	16W	ACCUSTRIP WET ABRASIVE BLASTER 6 CF, 1 NOZ (ADD COMPRESSOR)	1,600 CFM	A			$16,644	10.18	2.34	3.33	0.67	0.00	12

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
W25			*CDS GROUP (continued)*										
	W25CD002	220	ACCUSTRIP WET ABRASIVE BLASTER 20 CF, 2 NOZ (ADD COMPRESSOR)	1,600 CFM	A		$27,711	16.86	3.89	5.54	1.12	0.00	19
			HOMELITE TEXTRON INC.										
	W25HO001	HPW2000B	PRESSURE WASHER, 4.0 GPM, 2,000 PSI	9 HP	D-off		$1,830	1.57	0.26	0.37	0.07	0.38	2
	W25HO002	HPW3000B	PRESSURE WASHER, 5.4 GPM, 3,000 PSI	13 HP	D-off		$3,119	2.54	0.44	0.62	0.13	0.55	2
			NLB CORP										
	W25NL001	NLB 6200E	WATER BLASTING PUMPING UNIT 50 GPM AT 1000-6000 PSI, 50 LF HOSE ADJUSTABLE DISCHARGE	200 HP	E		$56,858	61.03	7.98	11.37	2.30	19.00	118
			NO SPECIFIC MANUFACTURER										
	W25XX001	4030 BG	4.0 GPM, 3,000 PSI, DIRECT DRIVE	11 HP	G		$3,413	3.68	0.47	0.65	0.14	1.36	2
	W25XX002	B4030 BG	4.0 GPM, 3,000 PSI, BELT DRIVE	11 HP	G		$3,617	3.80	0.50	0.69	0.15	1.36	2
	W25XX003	5535 BG	5.5 GPM, 3,000 PSI, DIRECT DRIVE	18 HP	G		$5,143	5.79	0.71	1.00	0.21	2.22	2
	W25XX004	B5535 BG	5.5 GPM, 3,000 PSI, BELT DRIVE	18 HP	G		$5,448	5.96	0.75	1.06	0.22	2.22	2
	0.20	**HIGH PRESSURE, (>= 5,000 PSI)**											
			NLB CORP										
	W25NL002	20250	WATER BLASTER, SKID MOUNTED ADD TRUCK, FLATBED TRAILER, AND WATER TANKER	335 HP	D-off		$100,108	60.90	10.51	13.35	3.83	14.20	140
	W25NL003	NLB 20156E	WATER BLASTING PUMPING UNIT 13.2 GPM AT 20,000 PSI, 50 LF HOSE W/CLEANING LANCE, SKID MOUNTED	150 HP	D-off		$67,436	36.75	7.08	8.99	2.58	6.36	78
	W25NL004	4400	SPIN JET, ADD 2 WATER BLASTER PUMP PACKS	40 HP	D-off		$130,832	56.99	13.65	17.27	5.01	1.70	80
			WEATHERFORD U.S. (Formerly WEATHERFORD/AMERICAN AERO)										
	W25WE00	WBE 50	7 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	50 HP	E		$33,533	21.51	3.50	4.43	1.28	4.75	27
	W25WE00	WBE 75	10 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	75 HP	E		$36,449	26.49	3.80	4.82	1.39	7.13	29

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
W25			***WEATHERFORD U.S. (Formerly WEATHERFORD/AMERICAN AERO) (continued)***										
	W25WE00	WBD 90	10 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	91 HP	D-off		$46,848	24.74	4.89	6.20	1.79	3.86	34
	W25WE00	WBE 150	20 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	150 HP	E		$55,397	45.67	5.79	7.34	2.12	14.25	39
	W25WE00	WBD150	20 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	160 HP	D-off		$67,578	37.33	7.08	8.97	2.59	6.78	59
	W25WE00	WBD200	20 GPM AT 16,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	240 HP	D-off		$76,375	45.47	7.97	10.09	2.92	10.18	84
	W25WE00	WBD200T	16 GPM AT 20,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	230 HP	D-off		$88,003	49.75	9.18	11.61	3.37	9.75	98
	0.40	**CO2 BLASTERS**											
			COLD JET										
	W25CJ001	65-100	CO2 BLASTER 1000 LBS/HR SINGLE HOSE DELIVERY (ADD COMPR)	20 HP	E		$173,928	53.05	15.17	17.39	6.47	1.40	38
	W25CJ002	65-150	CO2 BLASTER 1500 LBS/HR SINGLE HOSE DELIVERY (ADD COMPR)	24 HP	E		$237,238	71.98	20.68	23.72	8.82	1.68	47
	W25CJ003	65-200	CO2 BLASTER 1500 LBS/HR DUAL HOSE DELIVERY (ADD COMPR)	24 HP	E		$275,290	83.11	24.01	27.53	10.24	1.68	47
W35	**WELDERS**												
	0.10	**GASOLINE OR DIESEL DRIVE**											
			HOMELITE TEXTRON INC.										
	W35HO001	HWG135	135 AMP, PORTABLE	7 HP	G		$1,371	1.27	0.11	0.12	0.05	0.73	1
	W35HO002	HWG180	180 AMP, PORTABLE	11 HP	G		$1,855	1.93	0.15	0.16	0.07	1.15	1
			NO SPECIFIC MANUFACTURER										
	W35XX001		250 AMP WITH 1 AXLE TRLR	27 HP	D-off		$8,721	3.37	0.72	0.74	0.35	0.97	21
	W35XX002		200 AMP WITH 1 AXLE TRLR	39 HP	G		$6,326	6.77	0.52	0.53	0.25	4.08	11
	W35XX003		300 AMP WITH 1 AXLE TRLR	38 HP	D-off		$9,300	4.03	0.77	0.79	0.37	1.37	21
	W35XX004		250 AMP WITH 1 AXLE TRLR	39 HP	G		$6,751	6.89	0.56	0.57	0.27	4.08	17

Table 2-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE REGION: 9

	ID.NO.	MODEL	EQUIPMENT DESCRIPTION	ENGINE HORSEPOWER - FUEL TYPE MAIN		CARRIER	VALUE (TEV) 1992 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	FCCM	FUEL	CWT
W35			*NO SPECIFIC MANUFACTURER (continued)*										
	W35XX005		350 AMP WITH 2 AXLE TRLR	38 HP	D-off		$10,484	4.29	0.85	0.87	0.41	1.37	25
	W35XX006		300 AMP WITH 1 AXLE TRLR	65 HP	G		$7,313	10.52	0.60	0.62	0.29	6.80	17
	W35XX007		400 AMP WITH 2 AXLE TRLR	64 HP	D-off		$11,391	5.71	0.93	0.95	0.45	2.30	30
	W35XX008		400 AMP WITH 1 AXLE TRLR	69 HP	G		$9,298	11.53	0.77	0.79	0.37	7.22	21
	0.21 ELECTRIC DRIVE												
		NO SPECIFIC MANUFACTURER											
	W35XX009		300 AMP, SKID MTD	20 HP	E		$3,181	2.63	0.33	0.40	0.13	1.20	7
	W35XX010		400 AMP, SKID MTD	25 HP	E		$3,813	3.23	0.39	0.48	0.15	1.50	9
	0.22 MIG												
		NO SPECIFIC MANUFACTURER											
	W35XX011		300 AMP WITH WIRE FEED & SHOP GEAR	10 HP	E		$3,202	1.74	0.33	0.40	0.13	0.60	5
	W35XX012		450 AMP WITH WIRE FEED & SHOP GEAR	20 HP	E		$3,291	2.65	0.34	0.41	0.13	1.20	5
	0.23 RECTIFIER												
		NO SPECIFIC MANUFACTURER											
	W35XX013		200 AMP WITH SHOP RUNNING GEAR	19 HP	E		$1,477	2.07	0.15	0.18	0.06	1.14	4
	W35XX014		300 AMP WITH SHOP RUNNING GEAR	24 HP	E		$1,909	2.64	0.20	0.24	0.08	1.44	6
	W35XX015		750 AMP WITH SHOP RUNNING GEAR	30 HP	E		$5,071	4.00	0.52	0.63	0.20	1.80	7
	W35XX016		1000 AMP WITH SHOP RUNNING GEAR	42 HP	E		$8,844	6.08	0.91	1.11	0.35	2.52	10
	0.24 TRANSFORMER												
		NO SPECIFIC MANUFACTURER											
	W35XX017		250 AMP WITH SHOP RUNNING GEAR	19 HP	E		$715	1.87	0.08	0.09	0.03	1.14	4
	W35XX018		300 AMP WITH SHOP RUNNING GEAR	24 HP	E		$2,263	2.72	0.23	0.28	0.09	1.44	6

TABLE 2-2. HOURLY RATE ELEMENTS

This table containes 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: 9

		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
A10																	
	A10AR001	0.41	0.12	0.00	0.00	0.00	0.00	0.38	0.91								
	A10AR002	1.05	0.30	0.00	0.00	0.00	0.00	0.96	2.31								
	A10ET001	6.18	2.88	3.40	0.96	0.26	0.05	7.12	20.85								
	A10ET002	6.34	2.95	4.26	1.21	0.26	0.05	7.30	22.37								
	A10ET003	6.93	3.22	3.40	0.96	0.26	0.05	7.97	22.79								
	A10ET004	7.15	3.32	4.26	1.21	0.26	0.05	8.22	24.47								
	A10RS001	6.38	2.97	3.45	0.98	0.26	0.05	7.35	21.44								
	A10RS002	6.50	3.03	3.47	0.98	0.26	0.05	7.48	21.77								
A15																	
	A15CJ001	1.85	1.00	11.38	6.04	0.00	0.00	1.80	22.07								
	A15CJ002	4.14	2.24	22.75	12.08	0.00	0.00	4.04	45.25								
	A15XX001	1.03	0.53	4.22	1.59	0.04	0.01	1.24	8.66								
	A15XX002	1.24	0.63	1.01	0.33	0.04	0.01	1.49	4.75								
	A15XX003	1.26	0.64	5.49	2.07	0.04	0.01	1.52	11.03								
	A15XX004	1.34	0.69	1.47	0.49	0.04	0.01	1.62	5.66								
	A15XX005	1.38	0.70	5.91	2.23	0.04	0.01	1.66	11.93								
	A15XX006	1.56	0.80	1.87	0.62	0.04	0.01	1.88	6.78								
	A15XX007	1.42	0.73	5.91	2.23	0.04	0.01	1.72	12.06								
	A15XX008	1.68	0.85	2.16	0.71	0.04	0.01	2.02	7.47								
	A15XX009	2.35	1.20	2.74	0.91	0.04	0.01	2.83	10.08								
	A15XX010	3.06	1.58	3.23	1.07	0.14	0.02	3.70	12.80								
	A15XX011	4.40	2.25	4.32	1.43	0.14	0.02	5.30	17.86								
	A15XX012	4.88	2.51	5.76	1.90	0.20	0.04	5.90	21.19								
	A15XX013	5.67	2.91	6.91	2.28	0.20	0.04	6.85	24.86								
	A15XX014	6.38	3.27	7.49	2.47	0.20	0.04	7.70	27.55								
	A15XX015	9.01	4.59	9.36	3.09	0.20	0.04	10.86	37.15								
	A15XX016	10.12	5.15	11.38	3.76	0.20	0.04	12.19	42.84								
	A15XX017	10.64	5.41	13.13	4.34	0.20	0.04	12.81	46.57								
A20																	
	A20CM001	0.35	0.07	0.00	0.06	0.00	0.00	0.78	1.26								
	A20CM002	0.58	0.12	0.00	0.06	0.00	0.00	1.31	2.07								

1

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
A20	*cont.*																
	A20CM003	0.63	0.13	0.00	0.06	0.00	0.00	1.41	2.23								
	A20CM004	0.68	0.14	0.00	0.13	0.00	0.00	1.53	2.48								
	A20CM005	0.90	0.18	0.00	0.13	0.00	0.00	2.02	3.23								
	A20CM006	2.76	0.57	0.00	0.28	0.06	0.01	6.26	9.94								
	A20CM007	2.89	0.63	0.00	0.41	0.17	0.03	6.61	10.74								
	A20CM008	3.29	0.72	0.00	0.51	0.20	0.04	7.54	12.30								
	A20CM009	2.61	0.53	0.00	0.30	0.00	0.00	5.88	9.32								
	A20GD001	0.17	0.03	0.00	0.06	0.00	0.00	0.38	0.64								
	A20GD002	0.40	0.08	0.00	0.11	0.00	0.00	0.89	1.48								
	A20GD003	0.42	0.08	0.00	0.11	0.00	0.00	0.94	1.55								
	A20GD004	0.20	0.04	0.00	0.06	0.00	0.00	0.46	0.76								
	A20GD005	0.23	0.05	0.00	0.06	0.00	0.00	0.51	0.85								
	A20GD006	0.76	0.15	0.00	0.13	0.00	0.00	1.72	2.76								
	A20MM001	0.11	0.02	0.00	0.00	0.00	0.00	0.25	0.38								
	A20MM002	0.31	0.06	0.00	0.00	0.00	0.00	0.70	1.07								
	A20MM003	0.37	0.08	0.00	0.00	0.00	0.00	0.84	1.29								
	A20MM004	0.21	0.04	0.00	0.00	0.00	0.00	0.47	0.72								
	A20MM005	0.24	0.05	0.00	0.00	0.00	0.00	0.54	0.83								
	A20MM006	0.26	0.05	0.00	0.00	0.00	0.00	0.59	0.90								
	A20WC001	0.26	0.05	0.00	0.11	0.00	0.00	0.58	1.00								
	A20WC002	0.31	0.06	0.13	0.21	0.00	0.00	0.70	1.41								
	A20WC003	0.79	0.16	0.34	0.13	0.00	0.00	1.78	3.20								
	A20WC004	0.84	0.17	0.34	0.13	0.00	0.00	1.89	3.37								
	A20XX001	0.14	0.02	0.00	0.00	0.00	0.00	0.28	0.44								
	A20XX002	0.15	0.02	0.00	0.00	0.00	0.00	0.31	0.48								
	A20XX003	0.19	0.03	0.00	0.00	0.00	0.00	0.38	0.60								
	A20XX004	0.22	0.03	0.00	0.00	0.00	0.00	0.44	0.69								
	A20XX005	0.31	0.05	0.00	0.00	0.00	0.00	0.62	0.98								
	A20XX006	0.37	0.06	0.00	0.00	0.00	0.00	0.74	1.17								
	A20XX007	0.76	0.12	0.00	0.00	0.00	0.00	1.52	2.40								
	A20XX008	1.14	0.18	0.00	0.00	0.00	0.00	2.29	3.61								
	A20XX009	0.05	0.01	0.00	0.00	0.00	0.00	0.09	0.15								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
A20	*cont.*																
	A20XX010	0.05	0.01	0.00	0.00	0.00	0.00	0.11	0.17								
	A20XX011	0.12	0.02	0.00	0.00	0.00	0.00	0.25	0.39								
	A20XX012	0.15	0.02	0.00	0.00	0.00	0.00	0.31	0.48								
	A20XX013	0.18	0.03	0.00	0.00	0.00	0.00	0.36	0.57								
	A20XX014	0.27	0.04	0.00	0.00	0.00	0.00	0.54	0.85								
	A20XX015	0.35	0.05	0.00	0.00	0.00	0.00	0.70	1.10								
	A20XX016	0.50	0.08	0.00	0.00	0.00	0.00	1.01	1.59								
	A20XX017	0.12	0.02	0.00	0.00	0.00	0.00	0.25	0.39								
	A20XX018	0.16	0.02	0.00	0.00	0.00	0.00	0.34	0.52								
	A20XX019	0.20	0.03	0.00	0.00	0.00	0.00	0.43	0.66								
	A20XX020	0.24	0.04	0.00	0.00	0.00	0.00	0.53	0.81								
A25																	
	A25RS001	4.32	1.61	4.22	1.59	0.00	0.00	5.60	17.34								
	A25RS002	3.75	1.40	0.00	1.50	0.00	0.00	4.87	11.52								
	A25RS003	3.66	1.36	4.22	1.59	0.00	0.00	4.75	15.58								
	A25RS004	3.89	1.45	0.00	1.60	0.00	0.00	5.06	12.00								
	A25RS005	3.99	1.48	4.22	1.59	0.00	0.00	5.18	16.46								
	A25RS006	4.21	1.56	0.00	1.70	0.00	0.00	5.46	12.93								
	A25RS007	4.35	1.62	4.22	1.59	0.00	0.00	5.65	17.43								
	A25RS008	4.86	1.81	0.00	1.80	0.00	0.00	6.32	14.79								
A30																	
	A30BG001	14.55	6.76	3.11	1.03	0.55	0.10	22.31	48.41								
	A30BG002	18.26	8.53	3.31	1.09	0.94	0.17	28.03	60.33								
	A30BG003	19.94	9.34	4.46	1.47	1.17	0.21	30.62	67.21								
	A30BG004	17.91	8.17	3.11	1.03	0.00	0.00	27.35	57.57								
	A30BG005	21.03	9.60	4.46	1.47	0.00	0.00	32.12	68.68								
	A30BG006	22.71	10.37	5.76	1.90	0.00	0.00	34.69	75.43								
	A30BK003	13.00	6.10	2.13	0.70	0.83	0.15	19.97	42.88								
	A30BK005	19.32	9.03	3.40	1.12	1.07	0.19	29.65	63.78								
	A30BK007	17.17	7.84	3.17	1.05	0.00	0.00	26.23	55.46								
	A30BK008	20.98	9.57	4.55	1.50	0.00	0.00	32.04	68.64								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
A30	***cont.***																
	A30BK009	22.13	10.10	4.18	1.38	0.00	0.00	33.81	71.60								
	A30CA001	3.54	1.62	1.01	0.33	0.00	0.00	5.41	11.91								
	A30CA002	14.52	6.82	2.94	0.97	0.95	0.17	22.31	48.68								
	A30CA004	20.68	9.67	4.18	1.38	1.18	0.21	31.75	69.05								
	A30IN001	34.70	15.84	6.54	2.16	0.00	0.00	53.00	112.24								
	A30IN002	10.06	4.59	0.00	1.50	0.00	0.00	15.37	31.52								
	A30IN003	14.00	6.39	0.00	1.75	0.00	0.00	21.39	43.53								
	A30IN004	15.86	7.24	0.00	2.00	0.00	0.00	24.22	49.32								
	A30LA001	1.86	0.87	1.18	0.95	0.10	0.02	2.28	7.26								
	A30LA002	2.51	1.17	1.18	0.95	0.10	0.02	3.08	9.01								
A35																	
	A35AE001	0.47	0.14	0.00	1.00	0.03	0.01	0.58	2.23								
	A35AE002	0.52	0.16	0.00	1.25	0.03	0.01	0.64	2.61								
	A35AE003	0.61	0.18	0.00	1.35	0.03	0.01	0.76	2.94								
	A35AE004	0.79	0.24	0.00	1.55	0.03	0.01	0.98	3.60								
	A35AE005	0.93	0.29	0.00	2.00	0.09	0.02	1.15	4.48								
	A35RS001	0.66	0.19	0.00	1.20	0.03	0.01	0.81	2.90								
	A35RS002	0.80	0.23	0.00	1.50	0.03	0.01	0.98	3.55								
A40																	
	A40CA001	5.84	2.78	2.22	0.73	0.59	0.10	9.00	21.26								
	A40CA002	10.09	4.68	2.59	0.86	0.38	0.07	15.47	34.14								
	A40CA004	29.31	13.38	12.96	4.28	0.00	0.00	44.76	104.69								
	A40CA005	39.97	18.24	21.60	7.14	0.00	0.00	61.05	148.00								
	A40CA006	54.09	24.69	28.80	9.52	0.00	0.00	82.62	199.72								
	A40IN001	9.10	4.20	3.51	1.16	0.23	0.04	13.93	32.17								
	A40IN002	9.54	4.40	3.51	1.16	0.23	0.04	14.60	33.48								
	A40IN003	11.74	5.40	4.03	1.33	0.23	0.04	17.96	40.73								
	A40IN004	22.96	10.53	11.52	3.81	0.23	0.04	35.10	84.19								
	A40IN005	26.80	12.23	11.52	3.81	0.00	0.00	40.94	95.30								
	A40IN006	34.11	15.57	15.12	5.00	0.00	0.00	52.10	121.90								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 2

		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
A45																	
	A45AE001	0.78	0.30	0.00	1.50	0.03	0.01	1.08	3.70								
	A45AE002	1.47	0.55	0.00	2.50	0.03	0.01	2.03	6.59								
	A45AE003	1.73	0.65	0.00	3.00	0.03	0.01	2.39	7.81								
	A45SE001	1.13	0.43	1.52	1.57	0.03	0.01	1.56	6.25								
	A45SE002	1.55	0.58	1.69	1.89	0.03	0.01	2.13	7.88								
	A45SE003	2.17	0.84	2.53	2.96	0.17	0.03	3.00	11.70								
	A45SE004	1.70	0.67	0.00	0.50	0.17	0.03	2.36	5.43								
B10																	
	B10CC001	2.39	0.99	0.65	2.35	0.00	0.00	3.44	9.82								
	B10CC002	3.11	1.29	0.98	3.02	0.00	0.00	4.48	12.88								
	B10CC003	3.91	1.62	1.63	4.37	0.00	0.00	5.62	17.15								
	B10CC004	4.67	1.94	1.95	5.04	0.00	0.00	6.71	20.31								
	B10CC005	4.90	2.03	3.25	6.23	0.00	0.00	7.05	23.46								
	B10CC006	11.00	4.56	2.60	6.38	0.00	0.00	15.81	40.35								
	B10CC007	3.12	1.32	1.52	3.57	0.11	0.02	4.50	14.16								
	B10CC008	5.99	2.61	13.76	8.70	0.81	0.14	8.67	40.68								
	B10CC009	8.07	3.55	16.88	10.12	1.35	0.24	11.71	51.92								
	B10CC010	8.69	3.81	16.88	10.37	1.35	0.24	12.60	53.94								
	B10CC011	1.82	0.75	1.30	1.69	0.00	0.00	2.62	8.18								
	B10CC012	1.27	0.53	1.52	1.32	0.00	0.00	1.83	6.47								
	B10CC013	1.65	0.68	1.52	1.37	0.00	0.00	2.37	7.59								
	B10CC014	0.56	0.23	0.33	0.68	0.00	0.00	0.80	2.60								
	B10CL001	9.99	4.23	3.90	6.07	0.38	0.07	14.40	39.04								
	B10CL002	10.54	4.46	3.90	6.57	0.38	0.07	15.20	41.12								
	B10CL003	9.37	3.93	2.93	5.06	0.19	0.03	13.50	35.01								
	B10CL004	13.15	5.54	5.20	6.76	0.38	0.07	18.94	50.04								
	B10CL005	14.25	6.00	7.80	8.64	0.38	0.07	20.53	57.67								
	B10CL006	14.83	6.24	7.80	8.64	0.38	0.07	21.36	59.32								
	B10CL007	15.53	6.53	19.18	15.18	0.38	0.07	22.37	79.24								
	B10CL008	17.36	7.29	22.43	17.41	0.38	0.07	25.00	89.94								
	B10CL009	8.99	3.78	2.60	4.38	0.22	0.04	12.94	32.95								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
B10	***cont.***																
	B10CL011	12.82	5.32	2.93	5.06	0.00	0.00	18.44	44.57								
	B10CL012	13.52	5.61	3.90	6.07	0.00	0.00	19.44	48.54								
	B10CL013	15.49	6.43	16.90	13.97	0.00	0.00	22.26	75.05								
	B10CL014	17.50	7.26	21.45	16.89	0.00	0.00	25.16	88.26								
	B10CL015	8.23	3.41	1.95	3.54	0.00	0.00	11.83	28.96								
	B10CL016	13.05	5.42	2.60	4.38	0.00	0.00	18.77	44.22								
	B10CL017	13.52	5.61	2.60	4.38	0.00	0.00	19.44	45.55								
	B10CL018	15.77	6.54	4.88	6.09	0.00	0.00	22.67	55.95								
	B10CL019	16.36	6.79	19.50	15.35	0.00	0.00	23.53	81.53								
	B10CL020	9.13	3.79	2.60	4.38	0.00	0.00	13.13	33.03								
	810CL021	4.11	1.74	2.28	3.71	0.17	0.03	5.92	17.96								
	B10CL024	13.39	5.56	13.00	10.40	0.00	0.00	19.25	61.60								
	B10CL025	14.89	6.22	13.00	10.40	0.17	0.03	21.43	66.14								
	B10CL026	1.37	0.57	0.00	0.00	0.00	0.00	1.97	3.91								
	B10CL027	1.62	0.67	0.00	0.00	0.00	0.00	2.33	4.62								
	B10CL028	1.92	0.80	0.00	0.00	0.00	0.00	2.76	5.48								
	B10CL029	2.25	0.93	0.00	0.00	0.00	0.00	3.23	6.41								
	B10CL030	2.96	1.23	0.00	0.00	0.00	0.00	4.25	8.44								
	B10CL031	4.20	1.74	0.00	0.00	0.00	0.00	6.03	11.97								
	B10CL032	0.30	0.12	0.65	0.85	0.00	0.00	0.43	2.35								
	B10CL033	0.37	0.15	0.98	1.12	0.00	0.00	0.54	3.16								
	B10CL034	0.41	0.17	1.30	1.39	0.00	0.00	0.58	3.85								
	B10CL035	0.60	0.25	1.63	1.67	0.00	0.00	0.86	5.01								
	B10CL036	0.25	0.10	0.52	0.68	0.00	0.00	0.36	1.91								
	B10CL038	0.31	0.13	0.98	1.07	0.00	0.00	0.45	2.94								
	B10CL040	0.35	0.15	1.30	1.34	0.00	0.00	0.51	3.65								
	B10CL041	0.40	0.17	1.30	1.39	0.00	0.00	0.58	3.84								
	B10CL042	0.23	0.09	0.33	0.53	0.00	0.00	0.32	1.50								
	B10CL043	0.27	0.11	0.52	0.73	0.00	0.00	0.40	2.03								
	B10CL045	0.31	0.13	0.65	0.90	0.00	0.00	0.45	2.44								
	B10CL046	0.35	0.14	0.65	0.95	0.00	0.00	0.50	2.59								
	B10IE001	2.69	1.14	0.20	1.61	0.11	0.02	3.88	9.65								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
B10	*cont.*																
	B10IE002	3.43	1.42	0.33	1.68	0.00	0.00	4.93	11.79								
	B10IE003	0.39	0.16	0.20	0.61	0.00	0.00	0.56	1.92								
	B10KL001	7.68	3.27	3.17	1.05	0.48	0.08	11.08	26.81								
	B10KL004	7.82	3.34	3.17	1.05	0.54	0.10	11.29	27.31								
	B10KL005	8.10	3.48	3.17	1.05	0.67	0.12	11.70	28.29								
	B10RC001	8.76	3.74	3.41	6.56	0.62	0.11	12.65	35.85								
	B10RC002	8.47	3.62	1.63	3.37	0.62	0.11	12.24	30.06								
	B10RC003	10.90	4.67	3.58	6.90	0.82	0.15	15.75	42.77								
	B10RC004	8.24	3.52	1.95	4.04	0.59	0.10	11.90	30.34								
	B10RC005	10.75	4.62	2.80	6.49	0.88	0.16	15.54	41.24								
	B10RC006	9.19	3.97	2.96	6.07	0.88	0.16	13.30	36.53								
	B10RC007	7.76	3.33	1.46	3.28	0.62	0.11	11.21	27.77								
	B10RC008	8.24	3.53	1.46	3.28	0.62	0.11	11.91	29.15								
	B10RC009	8.06	3.45	2.37	4.26	0.59	0.10	11.64	30.47								
	B10RC010	8.91	3.80	2.37	4.26	0.59	0.10	12.87	32.90								
	B10RC011	9.30	4.01	3.12	6.16	0.88	0.16	13.45	37.08								
	B10RC012	17.15	7.12	0.98	5.27	0.00	0.00	24.66	55.18								
	B10RC013	21.45	8.90	0.98	5.52	0.00	0.00	30.84	67.69								
	B10RC014	17.26	7.16	0.98	5.27	0.00	0.00	24.81	55.48								
	B10RC015	21.56	8.95	0.98	5.52	0.00	0.00	31.00	68.01								
	B10RC016	17.80	7.61	4.88	8.09	1.30	0.23	25.70	65.61								
	B10RC017	29.16	12.33	1.95	5.54	1.28	0.23	42.04	92.53								
	B10RC023	17.86	7.52	2.60	6.38	0.59	0.10	25.73	60.78								
	B10RC024	19.96	8.45	3.90	8.07	0.90	0.16	28.78	70.22								
	B10RC025	21.22	8.98	5.20	9.76	0.90	0.16	30.59	76.81								
	B10RC026	52.12	22.04	7.80	12.14	2.36	0.42	75.15	172.03								
	B10SN001	5.44	2.26	0.00	1.50	0.00	0.00	7.82	17.02								
	B10SN002	5.65	2.34	0.00	1.60	0.00	0.00	8.12	17.71								
	B10SN003	5.98	2.48	0.00	1.65	0.00	0.00	8.60	18.71								
	B10SN004	6.10	2.53	0.00	1.65	0.00	0.00	8.77	19.05								
	B10SN005	6.55	2.72	0.00	1.70	0.00	0.00	9.42	20.39								
	B10SN006	6.65	2.76	0.00	1.70	0.00	0.00	9.56	20.67								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
B10	***cont.***																
	B10SN007	7.14	2.96	0.00	1.75	0.00	0.00	10.27	22.12								
	B10SN008	7.16	2.97	0.00	1.75	0.00	0.00	10.29	22.17								
	B10SN009	7.78	3.23	0.00	1.85	0.00	0.00	11.18	24.04								
	B10SN010	2.93	1.22	0.00	1.30	0.00	0.00	4.22	9.67								
	B10SN011	3.09	1.28	0.00	1.30	0.00	0.00	4.44	10.11								
	B10SN012	3.21	1.33	0.00	1.30	0.00	0.00	4.62	10.46								
	B10SN013	3.53	1.46	0.00	1.35	0.00	0.00	5.07	11.41								
	B10SN014	4.78	1.98	0.00	1.50	0.00	0.00	6.88	15.14								
	B10SN015	3.70	1.53	0.00	1.40	0.00	0.00	5.32	11.95								
	B10SN016	5.11	2.12	0.00	1.50	0.00	0.00	7.35	16.08								
	B10SN017	4.08	1.69	0.00	1.40	0.00	0.00	5.86	13.03								
	B10SN018	5.44	2.26	0.00	1.55	0.00	0.00	7.83	17.08								
	B10SN019	2.17	0.90	0.00	1.20	0.00	0.00	3.12	7.39								
	B10SN020	2.29	0.95	0.00	1.20	0.00	0.00	3.30	7.74								
	B10SN021	2.42	1.00	0.00	1.20	0.00	0.00	3.47	8.09								
	B10SN022	2.73	1.13	0.00	1.25	0.00	0.00	3.93	9.04								
	B10SN023	3.99	1.66	0.00	1.40	0.00	0.00	5.74	12.79								
	B10SN024	2.91	1.21	0.00	1.30	0.00	0.00	4.18	9.60								
	B10SN025	4.32	1.79	0.00	1.40	0.00	0.00	6.21	13.72								
	B10SN026	3.28	1.36	0.00	1.30	0.00	0.00	4.72	10.66								
	B10SN027	4.66	1.93	0.00	1.50	0.00	0.00	6.70	14.79								
	B10SN028	5.76	2.39	0.00	1.60	0.00	0.00	8.28	18.03								
	B10SN029	6.69	2.78	0.00	1.70	0.00	0.00	9.62	20.79								
	B10SN030	7.49	3.11	0.00	1.80	0.00	0.00	10.77	23.17								
	B10SN031	3.13	1.30	0.65	1.65	0.00	0.00	4.50	11.23								
	B10SN032	3.24	1.34	0.65	1.65	0.00	0.00	4.66	11.54								
	B10VI001	8.65	3.74	1.30	2.19	0.84	0.15	12.51	29.38								
	B10VI002	7.20	3.09	0.98	1.52	0.64	0.11	10.40	23.94								
	B10VI003	6.60	2.85	0.98	1.52	0.64	0.11	9.54	22.24								
B15																	
	B15AB001	3.40	1.29	2.19	0.72	0.13	0.02	4.23	11.98								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
B15	*cont.*																
	B15MB001	0.45	0.17	0.00	0.10	0.00	0.00	0.56	1.28								
	B15MB002	0.69	0.26	0.00	0.14	0.00	0.00	0.86	1.95								
	B15MB003	0.81	0.32	0.00	0.24	0.05	0.01	1.02	2.45								
	B15MB004	0.93	0.36	1.52	0.43	0.05	0.01	1.17	4.47								
	B15RS001	3.02	1.14	2.19	0.72	0.09	0.02	3.76	10.94								
	B15RS002	2.49	0.93	0.00	0.50	0.00	0.00	3.09	7.01								
	B15RS003	2.73	1.01	0.00	0.60	0.00	0.00	3.38	7.72								
	B15RS004	2.89	1.08	0.00	0.70	0.00	0.00	3.59	8.26								
B20																	
	B20VE001	1.76	0.67	8.36	3.16	0.04	0.01	2.47	16.47								
	B20VE002	2.19	0.83	8.10	3.06	0.05	0.01	3.06	17.30								
	B20XX001	0.54	0.21	1.52	0.57	0.02	0.00	0.75	3.61								
	820XX002	1.06	0.40	2.53	0.96	0.02	0.00	1.49	6.46								
	B20XX003	1.33	0.51	5.07	1.91	0.03	0.01	1.87	10.73								
	B20XX004	1.52	0.58	2.19	0.72	0.03	0.01	2.13	7.18								
	B20XX005	1.03	0.39	3.12	1.18	0.03	0.01	1.44	7.20								
	B20XX006	1.56	0.59	2.19	0.72	0.03	0.01	2.18	7.28								
	B20XX007	1.61	0.61	2.19	0.72	0.04	0.01	2.26	7.44								
B25																	
	B25ES001	1.14	0.47	0.00	0.00	0.00	0.00	1.21	2.82	1.43	0.48	0.00	0.00	0.00	0.00	1.73	3.64
	B25ES002	1.23	0.51	0.00	0.00	0.00	0.00	1.31	3.05	1.54	0.52	0.00	0.00	0.00	0.00	1.87	3.93
	B25ES003	1.39	0.58	0.00	0.00	0.00	0.00	1.48	3.45	1.74	0.59	0.00	0.00	0.00	0.00	2.11	4.44
	B25ES004	1.51	0.63	0.00	0.00	0.00	0.00	1.60	3.74	1.89	0.64	0.00	0.00	0.00	0.00	2.29	4.82
	B25ES005	1.58	0.66	0.00	0.00	0.00	0.00	1.67	3.91	1.97	0.67	0.00	0.00	0.00	0.00	2.39	5.03
	B25ES006	2.14	0.89	0.00	0.00	0.00	0.00	2.27	5.30	2.68	0.91	0.00	0.00	0.00	0.00	3.25	6.84
	B25ES007	2.31	0.96	0.00	0.00	0.00	0.00	2.45	5.72	2.88	0.98	0.00	0.00	0.00	0.00	3.50	7.36
	B25ES008	2.48	1.03	0.00	0.00	0.00	0.00	2.62	6.13	3.09	1.05	0.00	0.00	0.00	0.00	3.75	7.89
	B25ES009	3.22	1.34	0.00	0.00	0.00	0.00	3.41	7.97	4.03	1.36	0.00	0.00	0.00	0.00	4.88	10.27
	B25ES010	3.32	1.38	0.00	0.00	0.00	0.00	3.52	8.22	4.15	1.40	0.00	0.00	0.00	0.00	5.02	10.57
	B25ES011	3.64	1.51	0.00	0.00	0.00	0.00	3.86	9.01	4.55	1.54	0.00	0.00	0.00	0.00	5.52	11.61
	B25ES012	3.96	1.64	0.00	0.00	0.00	0.00	4.20	9.80	4.95	1.67	0.00	0.00	0.00	0.00	6.00	12.62

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
B25	***cont.***																
	B25ES013	4.30	1.78	0.00	0.00	0.00	0.00	4.55	10.63	5.37	1.82	0.00	0.00	0.00	0.00	6.51	13.70
	B25ES014	4.68	1.94	0.00	0.00	0.00	0.00	4.96	11.58	5.84	1.98	0.00	0.00	0.00	0.00	7.08	14.90
	B25ES015	5.04	2.09	0.00	0.00	0.00	0.00	5.35	12.48	6.31	2.13	0.00	0.00	0.00	0.00	7.64	16.08
	B25ES016	5.23	2.17	0.00	0.00	0.00	0.00	5.55	12.95	6.54	2.21	0.00	0.00	0.00	0.00	7.93	16.68
	B25ES017	5.60	2.32	0.00	0.00	0.00	0.00	5.94	13.86	7.00	2.37	0.00	0.00	0.00	0.00	8.49	17.86
	B25ES018	5.80	2.41	0.00	0.00	0.00	0.00	6.15	14.36	7.25	2.45	0.00	0.00	0.00	0.00	8.78	18.48
	B25ES019	6.10	2.53	0.00	0.00	0.00	0.00	6.46	15.09	7.62	2.58	0.00	0.00	0.00	0.00	9.23	19.43
	B25ES020	1.10	0.45	0.00	0.00	0.00	0.00	1.16	2.71	1.37	0.46	0.00	0.00	0.00	0.00	1.66	3.49
	B25ES021	1.17	0.49	0.00	0.00	0.00	0.00	1.24	2.90	1.47	0.50	0.00	0.00	0.00	0.00	1.78	3.75
	B25ES022	1.61	0.67	0.00	0.00	0.00	0.00	1.71	3.99	2.01	0.68	0.00	0.00	0.00	0.00	2.44	5.13
	B25ES023	1.63	0.68	0.00	0.00	0.00	0.00	1.73	4.04	2.04	0.69	0.00	0.00	0.00	0.00	2.47	5.20
	B25ES024	1.73	0.72	0.00	0.00	0.00	0.00	1.83	4.28	2.16	0.73	0.00	0.00	0.00	0.00	2.62	5.51
	B25ES025	2.36	0.98	0.00	0.00	0.00	0.00	2.51	5.85	2.96	1.00	0.00	0.00	0.00	0.00	3.58	7.54
	B25ES026	2.47	1.02	0.00	0.00	0.00	0.00	2.61	6.10	3.08	1.04	0.00	0.00	0.00	0.00	3.73	7.85
	B25ES027	2.55	1.06	0.00	0.00	0.00	0.00	2.71	6.32	3.19	1.08	0.00	0.00	0.00	0.00	3.87	8.14
	B25ES028	3.25	1.35	0.00	0.00	0.00	0.00	3.44	8.04	4.06	1.37	0.00	0.00	0.00	0.00	4.92	10.35
	B25ES029	3.55	1.47	0.00	0.00	0.00	0.00	3.77	8.79	4.44	1.50	0.00	0.00	0.00	0.00	5.38	11.32
	B25ES030	4.04	1.68	0.00	0.00	0.00	0.00	4.28	10.00	5.05	1.71	0.00	0.00	0.00	0.00	6.12	12.88
	B25ES031	4.35	1.80	0.00	0.00	0.00	0.00	4.61	10.76	5.44	1.84	0.00	0.00	0.00	0.00	6.59	13.87
	B25ES032	4.67	1.94	0.00	0.00	0.00	0.00	4.95	11.56	5.84	1.98	0.00	0.00	0.00	0.00	7.07	14.89
	B25ES033	5.12	2.12	0.00	0.00	0.00	0.00	5.42	12.66	6.40	2.16	0.00	0.00	0.00	0.00	7.75	16.31
	B25ES034	5.40	2.24	0.00	0.00	0.00	0.00	5.72	13.36	6.75	2.28	0.00	0.00	0.00	0.00	8.17	17.20
	B25ES035	5.66	2.35	0.00	0.00	0.00	0.00	6.00	14.01	7.08	2.40	0.00	0.00	0.00	0.00	8.58	18.06
	B25ES036	5.96	2.47	0.00	0.00	0.00	0.00	6.32	14.75	7.45	2.52	0.00	0.00	0.00	0.00	9.03	19.00
	B25ES037	6.21	2.58	0.00	0.00	0.00	0.00	6.59	15.38	7.77	2.63	0.00	0.00	0.00	0.00	9.41	19.81
	B25ES038	6.46	2.68	0.00	0.00	0.00	0.00	6.85	15.99	8.08	2.73	0.00	0.00	0.00	0.00	9.79	20.60
	B25ES039	1.32	0.55	0.00	0.00	0.00	0.00	1.40	3.27	1.65	0.56	0.00	0.00	0.00	0.00	2.00	4.21
	B25ES040	1.82	0.76	0.00	0.00	0.00	0.00	1.93	4.51	2.28	0.77	0.00	0.00	0.00	0.00	2.76	5.81
	B25ES041	1.87	0.77	0.00	0.00	0.00	0.00	1.98	4.62	2.33	0.79	0.00	0.00	0.00	0.00	2.83	5.95
	B25ES042	2.05	0.85	0.00	0.00	0.00	0.00	2.17	5.07	2.56	0.87	0.00	0.00	0.00	0.00	3.10	6.53
	B25ES043	2.69	1.12	0.00	0.00	0.00	0.00	2.85	6.66	3.36	1.14	0.00	0.00	0.00	0.00	4.07	8.57
	B25ES044	2.91	1.21	0.00	0.00	0.00	0.00	3.09	7.21	3.64	1.23	0.00	0.00	0.00	0.00	4.41	9.28

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
B25	***cont.***																
	B25ES045	3.28	1.36	0.00	0.00	0.00	0.00	3.47	8.11	4.10	1.39	0.00	0.00	0.00	0.00	4.96	10.45
	B25ES046	3.77	1.57	0.00	0.00	0.00	0.00	4.00	9.34	4.72	1.60	0.00	0.00	0.00	0.00	5.72	12.04
	B25ES047	4.10	1.70	0.00	0.00	0.00	0.00	4.35	10.15	5.13	1.73	0.00	0.00	0.00	0.00	6.21	13.07
	B25ES048	4.52	1.87	0.00	0.00	0.00	0.00	4.79	11.18	5.65	1.91	0.00	0.00	0.00	0.00	6.84	14.40
	B25ES049	4.79	1.99	0.00	0.00	0.00	0.00	5.07	11.85	5.98	2.02	0.00	0.00	0.00	0.00	7.25	15.25
	B25ES050	4.98	2.07	0.00	0.00	0.00	0.00	5.28	12.33	6.23	2.11	0.00	0.00	0.00	0.00	7.54	15.88
	B25ES051	5.38	2.23	0.00	0.00	0.00	0.00	5.71	13.32	6.73	2.28	0.00	0.00	0.00	0.00	8.15	17.16
	B25ES052	5.70	2.37	0.00	0.00	0.00	0.00	6.04	14.11	7.13	2.41	0.00	0.00	0.00	0.00	8.64	18.18
	B25ES053	5.99	2.49	0.00	0.00	0.00	0.00	6.35	14.83	7.49	2.54	0.00	0.00	0.00	0.00	9.08	19.11
	B25ES054	6.38	2.65	0.00	0.00	0.00	0.00	6.76	15.79	7.97	2.70	0.00	0.00	0.00	0.00	9.66	20.33
	B25ES055	6.60	2.74	0.00	0.00	0.00	0.00	7.00	16.34	8.25	2.79	0.00	0.00	0.00	0.00	10.00	21.04
	B25ES056	6.84	2.84	0.00	0.00	0.00	0.00	7.25	16.93	8.55	2.89	0.00	0.00	0.00	0.00	10.36	21.80
	B25GE001	7.27	3.02	0.00	0.00	0.00	0.00	7.71	18.00	9.09	3.08	0.00	0.00	0.00	0.00	11.02	23.19
	B25GE002	7.74	3.21	0.00	0.00	0.00	0.00	8.20	19.15	9.67	3.27	0.00	0.00	0.00	0.00	11.72	24.66
	B25GE003	8.29	3.44	0.00	0.00	0.00	0.00	8.79	20.52	10.36	3.51	0.00	0.00	0.00	0.00	12.56	26.43
	B25GE004	9.19	3.81	0.00	0.00	0.00	0.00	9.74	22.74	11.48	3.88	0.00	0.00	0.00	0.00	13.91	29.27
	B25GE005	10.08	4.18	0.00	0.00	0.00	0.00	10.68	24.94	12.60	4.26	0.00	0.00	0.00	0.00	15.27	32.13
	B25GE006	10.85	4.50	0.00	0.00	0.00	0.00	11.50	26.85	13.57	4.59	0.00	0.00	0.00	0.00	16.44	34.60
	B25GE007	11.74	4.87	0.00	0.00	0.00	0.00	12.44	29.05	14.67	4.96	0.00	0.00	0.00	0.00	17.78	37.41
	B25GE008	12.61	5.23	0.00	0.00	0.00	0.00	13.37	31.21	15.77	5.33	0.00	0.00	0.00	0.00	19.10	40.20
	B25GE009	13.51	5.60	0.00	0.00	0.00	0.00	14.32	33.43	16.88	5.71	0.00	0.00	0.00	0.00	20.46	43.05
	B25GE010	14.40	5.97	0.00	0.00	0.00	0.00	15.26	35.63	18.00	6.09	0.00	0.00	0.00	0.00	21.81	45.90
	B25GE011	14.86	6.17	0.00	0.00	0.00	0.00	15.75	36.78	18.57	6.28	0.00	0.00	0.00	0.00	22.51	47.36
B30																	
	B30CR001	0.31	0.14	0.00	0.00	0.00	0.00	0.40	0.85								
	B30CR002	0.33	0.15	0.00	0.00	0.00	0.00	0.43	0.91								
	B30CR003	0.36	0.17	0.00	0.00	0.00	0.00	0.47	1.00								
	B30CR004	0.38	0.17	0.00	0.00	0.00	0.00	0.48	1.03								
	B30CR005	0.44	0.20	0.00	0.00	0.00	0.00	0.57	1.21								
	B30CR006	0.52	0.24	0.00	0.00	0.00	0.00	0.67	1.43								
	B30CR007	0.59	0.27	0.00	0.00	0.00	0.00	0.76	1.62								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
B30	***cont.***																
	B30CR008	0.68	0.31	0.00	0.00	0.00	0.00	0.88	1.87								
	B30CR009	0.47	0.21	0.00	0.00	0.00	0.00	0.60	1.28								
	B30CR010	0.54	0.25	0.00	0.00	0.00	0.00	0.70	1.49								
	B30CR011	0.64	0.29	0.00	0.00	0.00	0.00	0.83	1.76								
	B30CR012	0.90	0.41	0.00	0.00	0.00	0.00	1.16	2.47								
	B30GB001	0.18	0.08	0.00	0.00	0.00	0.00	0.21	0.47								
	B30GB002	0.25	0.11	0.00	0.00	0.00	0.00	0.28	0.64								
	B30GB003	0.30	0.14	0.00	0.00	0.00	0.00	0.33	0.77								
	B30GB004	0.44	0.20	0.00	0.00	0.00	0.00	0.50	1.14								
	B30GB005	0.52	0.24	0.00	0.00	0.00	0.00	0.58	1.34								
	B30GB006	0.89	0.40	0.00	0.00	0.00	0.00	1.07	2.36								
	B30GB007	1.00	0.46	0.00	0.00	0.00	0.00	1.21	2.67								
	B30GB008	1.15	0.53	0.00	0.00	0.00	0.00	1.39	3.07								
	B30GB009	1.33	0.61	0.00	0.00	0.00	0.00	1.60	3.54								
	B30GB010	1.67	0.76	0.00	0.00	0.00	0.00	2.02	4.45								
	B30GB011	0.78	0.36	0.00	0.00	0.00	0.00	1.01	2.15								
	B30GB012	0.81	0.37	0.00	0.00	0.00	0.00	1.05	2.23								
	B30GB013	0.85	0.39	0.00	0.00	0.00	0.00	1.09	2.33								
	B30GB014	1.13	0.52	0.00	0.00	0.00	0.00	1.45	3.10								
	B30GB015	1.18	0.54	0.00	0.00	0.00	0.00	1.52	3.24								
	B30GB016	1.71	0.78	0.00	0.00	0.00	0.00	2.20	4.69								
	B30GB017	2.05	0.93	0.00	0.00	0.00	0.00	2.64	5.62								
B35																	
	B35HE001	0.51	0.17	0.00	0.00	0.00	0.00	0.54	1.22	0.63	0.18	0.00	0.00	0.00	0.00	0.77	1.58
	B35HE002	0.61	0.21	0.00	0.00	0.00	0.00	0.65	1.47	0.75	0.21	0.00	0.00	0.00	0.00	0.91	1.87
	B35HE003	0.81	0.27	0.00	0.00	0.00	0.00	0.86	1.94	1.00	0.28	0.00	0.00	0.00	0.00	1.21	2.49
	B35HE004	0.96	0.32	0.00	0.00	0.00	0.00	1.02	2.30	1.18	0.33	0.00	0.00	0.00	0.00	1.43	2.94
	B35HE005	1.13	0.38	0.00	0.00	0.00	0.00	1.19	2.70	1.39	0.39	0.00	0.00	0.00	0.00	1.68	3.46
	B35HE006	1.39	0.47	0.00	0.00	0.00	0.00	1.47	3.33	1.71	0.48	0.00	0.00	0.00	0.00	2.07	4.26
	B35HE007	1.54	0.52	0.00	0.00	0.00	0.00	1.63	3.69	1.89	0.53	0.00	0.00	0.00	0.00	2.29	4.71
	B35HE008	1.88	0.64	0.00	0.00	0.00	0.00	1.99	4.51	2.31	0.65	0.00	0.00	0.00	0.00	2.80	5.76

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
B35	*cont.*																
	B35HE009	1.99	0.67	0.00	0.00	0.00	0.00	2.11	4.77	2.45	0.69	0.00	0.00	0.00	0.00	2.97	6.11
	B35HE010	2.41	0.82	0.00	0.00	0.00	0.00	2.56	5.79	2.97	0.83	0.00	0.00	0.00	0.00	3.59	7.39
	B35HE011	2.61	0.88	0.00	0.00	0.00	0.00	2.77	6.26	3.22	0.90	0.00	0.00	0.00	0.00	3.90	8.02
	B35HE012	2.86	0.97	0.00	0.00	0.00	0.00	3.03	6.86	3.52	0.99	0.00	0.00	0.00	0.00	4.26	8.77
	B35HE013	3.17	1.07	0.00	0.00	0.00	0.00	3.36	7.60	3.90	1.10	0.00	0.00	0.00	0.00	4.72	9.72
	B35HE014	3.65	1.24	0.00	0.00	0.00	0.00	3.87	8.76	4.50	1.26	0.00	0.00	0.00	0.00	5.45	11.21
	B35HE015	3.97	1.34	0.00	0.00	0.00	0.00	4.21	9.52	4.89	1.37	0.00	0.00	0.00	0.00	5.92	12.18
	B35HE016	4.87	1.65	0.00	0.00	0.00	0.00	5.17	11.69	6.00	1.69	0.00	0.00	0.00	0.00	7.27	14.96
	B35HE017	5.60	1.90	0.00	0.00	0.00	0.00	5.94	13.44	6.90	1.94	0.00	0.00	0.00	0.00	8.36	17.20
	B35HE018	0.52	0.20	0.00	0.00	0.00	0.00	0.56	1.28	0.67	0.20	0.00	0.00	0.00	0.00	0.82	1.69
	B35HE019	0.60	0.23	0.00	0.00	0.00	0.00	0.64	1.47	0.77	0.23	0.00	0.00	0.00	0.00	0.94	1.94
	B35HE020	0.82	0.31	0.00	0.00	0.00	0.00	0.87	2.00	1.06	0.32	0.00	0.00	0.00	0.00	1.28	2.66
	B35HE021	0.98	0.37	0.00	0.00	0.00	0.00	1.04	2.39	1.26	0.38	0.00	0.00	0.00	0.00	1.53	3.17
	B35HE022	1.13	0.43	0.00	0.00	0.00	0.00	1.20	2.76	1.46	0.44	0.00	0.00	0.00	0.00	1.76	3.66
	B35HE023	1.32	0.50	0.00	0.00	0.00	0.00	1.39	3.21	1.69	0.51	0.00	0.00	0.00	0.00	2.05	4.25
	B35HE024	1.50	0.56	0.00	0.00	0.00	0.00	1.59	3.65	1.92	0.58	0.00	0.00	0.00	0.00	2.33	4.83
	B35HE025	1.80	0.68	0.00	0.00	0.00	0.00	1.91	4.39	2.32	0.70	0.00	0.00	0.00	0.00	2.81	5.83
	B35HE026	1.92	0.72	0.00	0.00	0.00	0.00	2.04	4.68	2.47	0.74	0.00	0.00	0.00	0.00	3.00	6.21
	B35HE027	2.47	0.93	0.00	0.00	0.00	0.00	2.62	6.02	3.17	0.95	0.00	0.00	0.00	0.00	3.84	7.96
	B35HE028	2.55	0.96	0.00	0.00	0.00	0.00	2.70	6.21	3.28	0.98	0.00	0.00	0.00	0.00	3.97	8.23
	B35HE029	2.91	1.10	0.00	0.00	0.00	0.00	3.09	7.10	3.74	1.12	0.00	0.00	0.00	0.00	4.54	9.40
	B35HE030	3.21	1.21	0.00	0.00	0.00	0.00	3.40	7.82	4.12	1.24	0.00	0.00	0.00	0.00	4.99	10.35
	B35HE031	3.84	1.45	0.00	0.00	0.00	0.00	4.07	9.36	4.94	1.48	0.00	0.00	0.00	0.00	5.99	12.41
	B35HE032	4.09	1.54	0.00	0.00	0.00	0.00	4.34	9.97	5.26	1.58	0.00	0.00	0.00	0.00	6.38	13.22
	B35HE033	5.28	1.99	0.00	0.00	0.00	0.00	5.59	12.86	6.78	2.04	0.00	0.00	0.00	0.00	8.22	17.04
	B35HE034	5.88	2.21	0.00	0.00	0.00	0.00	6.23	14.32	7.56	2.27	0.00	0.00	0.00	0.00	9.16	18.99
	B35HE035	1.78	0.74	0.00	0.00	0.00	0.00	1.89	4.41	2.23	0.75	0.00	0.00	0.00	0.00	2.70	5.68
	B35HE036	1.86	0.77	0.00	0.00	0.00	0.00	1.97	4.60	2.33	0.79	0.00	0.00	0.00	0.00	2.82	5.94
	B35HE037	2.09	0.87	0.00	0.00	0.00	0.00	2.22	5.18	2.62	0.89	0.00	0.00	0.00	0.00	3.17	6.68
	B35HE038	2.84	1.18	0.00	0.00	0.00	0.00	3.02	7.04	3.56	1.20	0.00	0.00	0.00	0.00	4.31	9.07
	B35HE039	3.18	1.32	0.00	0.00	0.00	0.00	3.37	7.87	3.98	1.35	0.00	0.00	0.00	0.00	4.82	10.15
	B35HE040	3.28	1.36	0.00	0.00	0.00	0.00	3.48	8.12	4.10	1.39	0.00	0.00	0.00	0.00	4.97	10.46

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
B35	***cont.***																
	B35HE041	3.52	1.46	0.00	0.00	0.00	0.00	3.73	8.71	4.40	1.49	0.00	0.00	0.00	0.00	5.33	11.22
	B35HE042	4.46	1.85	0.00	0.00	0.00	0.00	4.72	11.03	5.57	1.88	0.00	0.00	0.00	0.00	6.75	14.20
	B35HE043	4.58	1.90	0.00	0.00	0.00	0.00	4.86	11.34	5.73	1.94	0.00	0.00	0.00	0.00	6.94	14.61
	B35HE044	5.84	2.42	0.00	0.00	0.00	0.00	6.19	14.45	7.30	2.47	0.00	0.00	0.00	0.00	8.84	18.61
	B35HE045	5.96	2.47	0.00	0.00	0.00	0.00	6.32	14.75	7.46	2.52	0.00	0.00	0.00	0.00	9.03	19.01
	B35HE046	7.09	2.94	0.00	0.00	0.00	0.00	7.52	17.55	8.87	3.00	0.00	0.00	0.00	0.00	10.74	22.61
	B35HE047	7.46	3.10	0.00	0.00	0.00	0.00	7.91	18.47	9.33	3.16	0.00	0.00	0.00	0.00	11.30	23.79
	B35SA001	1.45	0.49	0.00	0.00	0.00	0.00	1.53	3.47	1.78	0.50	0.00	0.00	0.00	0.00	2.16	4.44
	B35SA002	1.74	0.59	0.00	0.00	0.00	0.00	1.85	4.18	2.15	0.60	0.00	0.00	0.00	0.00	2.60	5.35
	B35SA003	2.16	0.73	0.00	0.00	0.00	0.00	2.29	5.18	2.65	0.75	0.00	0.00	0.00	0.00	3.22	6.62
	B35SA004	2.95	1.00	0.00	0.00	0.00	0.00	3.13	7.08	3.63	1.02	0.00	0.00	0.00	0.00	4.40	9.05
	B35SA005	3.70	1.25	0.00	0.00	0.00	0.00	3.92	8.87	4.56	1.28	0.00	0.00	0.00	0.00	5.52	11.36
	B35SA006	4.36	1.47	0.00	0.00	0.00	0.00	4.62	10.45	5.36	1.51	0.00	0.00	0.00	0.00	6.50	13.37
	B35SA007	4.91	1.66	0.00	0.00	0.00	0.00	5.20	11.77	6.04	1.70	0.00	0.00	0.00	0.00	7.32	15.06
	B35SA008	5.97	2.02	0.00	0.00	0.00	0.00	6.33	14.32	7.35	2.07	0.00	0.00	0.00	0.00	8.91	18.33
	B35SA009	7.32	2.48	0.00	0.00	0.00	0.00	7.76	17.56	9.01	2.53	0.00	0.00	0.00	0.00	10.92	22.46
	B35SA010	9.08	3.07	0.00	0.00	0.00	0.00	9.62	21.77	11.17	3.14	0.00	0.00	0.00	0.00	13.54	27.85
C05																	
	C05HO001	0.17	0.03	0.35	0.63	0.00	0.00	0.62	1.80								
C10																	
	C10BO001	0.44	0.11	0.35	0.10	0.00	0.00	0.81	1.81								
	C10BO002	0.52	0.13	0.35	0.10	0.00	0.00	0.97	2.07								
	C10BO003	0.25	0.06	0.47	0.13	0.00	0.00	0.47	1.38								
	C10BO004	0.32	0.08	0.47	0.13	0.00	0.00	0.59	1.59								
	C10BO005	0.70	0.17	0.16	0.05	0.00	0.00	1.30	2.38								
	C10BO006	0.99	0.24	0.59	0.17	0.00	0.00	1.85	3.84								
	C10BO007	1.19	0.29	0.20	0.06	0.00	0.00	2.21	3.95								
	C10BO008	1.80	0.44	0.28	0.08	0.00	0.00	3.34	5.94								
	C10BO009	0.78	0.19	0.35	0.10	0.00	0.00	1.44	2.86								
	C10BO010	1.87	0.46	0.16	0.05	0.00	0.00	3.49	6.03								
	C10BO011	2.10	0.51	0.32	0.09	0.00	0.00	3.91	6.93								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C10	*cont.*																
	C10HO001	0.42	0.10	0.47	0.13	0.00	0.00	0.78	1.90								
	C10HO002	0.47	0.12	0.47	0.13	0.00	0.00	0.88	2.07								
	C10HO003	0.43	0.10	0.59	0.17	0.00	0.00	0.79	2.08								
	C10SI001	0.45	0.11	0.35	0.10	0.00	0.00	0.84	1.85								
	C10SI002	0.49	0.12	0.35	0.10	0.00	0.00	0.90	1.96								
	C10SI003	0.49	0.12	0.35	0.10	0.00	0.00	0.91	1.97								
	C10SI004	0.51	0.13	0.47	0.13	0.00	0.00	0.96	2.20								
	C10SI005	0.52	0.13	0.47	0.13	0.00	0.00	0.97	2.22								
	C10SI006	1.84	0.45	0.20	0.06	0.00	0.00	3.42	5.97								
	C10SI007	2.09	0.51	0.20	0.06	0.00	0.00	3.89	6.75								
	C10SI008	2.20	0.54	0.24	0.07	0.00	0.00	4.09	7.14								
	C10SI009	2.76	0.67	0.32	0.09	0.00	0.00	5.13	8.97								
	C10SI010	0.32	0.08	0.23	0.07	0.00	0.00	0.60	1.30								
	C10SI011	0.33	0.08	0.23	0.07	0.00	0.00	0.61	1.32								
	C10SI012	0.33	0.08	0.23	0.07	0.00	0.00	0.62	1.33								
	C10SI013	0.35	0.09	0.35	0.10	0.00	0.00	0.66	1.55								
	C10SI014	0.42	0.10	0.35	0.10	0.00	0.00	0.78	1.75								
	C10SI015	0.46	0.11	0.59	0.17	0.00	0.00	0.85	2.18								
	C10WC001	0.38	0.09	0.47	0.13	0.00	0.00	0.71	1.78								
	C10WC002	0.51	0.12	0.47	0.13	0.00	0.00	0.94	2.17								
	C10WC003	0.65	0.16	0.47	0.13	0.00	0.00	1.22	2.63								
	C10WC004	0.79	0.19	0.47	0.13	0.00	0.00	1.47	3.05								
	C10WC005	0.29	0.07	0.47	0.13	0.00	0.00	0.53	1.49								
	C10WC006	0.40	0.10	0.82	0.23	0.00	0.00	0.74	2.29								
	C10WC007	1.37	0.34	0.82	0.23	0.00	0.00	2.55	5.31								
	C10WC008	2.21	0.54	0.24	0.07	0.00	0.00	4.10	7.16								
	C10WC009	4.12	1.01	0.56	0.16	0.00	0.00	7.66	13.51								
	C10WC010	1.75	0.43	1.29	0.37	0.00	0.00	3.26	7.10								
	C10WC011	2.72	0.66	0.32	0.09	0.00	0.00	5.05	8.84								
	C10WC012	2.78	0.68	0.32	0.09	0.00	0.00	5.17	9.04								
	C10WC013	5.79	1.42	0.48	0.14	0.00	0.00	10.77	18.60								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C15																	
	C15BL001	0.96	0.27	0.00	0.50	0.00	0.00	1.34	3.07								
	C15BL002	2.05	0.59	0.00	0.70	0.00	0.00	2.86	6.20								
	C15BL003	3.86	1.11	0.00	1.50	0.00	0.00	5.38	11.85								
	C15BL004	5.08	1.46	0.00	1.75	0.00	0.00	7.09	15.38								
	C15BL005	6.90	1.98	0.00	2.00	0.00	0.00	9.62	20.50								
C20																	
	C20AE001	0.43	0.10	0.45	0.17	0.00	0.00	0.46	1.61								
	C20MU001	1.01	0.27	0.73	0.28	0.09	0.02	1.12	3.52								
	C20MU002	1.27	0.33	1.00	0.38	0.09	0.02	1.40	4.49								
C25																	
	C25ST001	0.32	0.08	0.73	0.28	0.00	0.00	0.39	1.80								
	C25ST002	0.35	0.08	0.73	0.28	0.00	0.00	0.43	1.87								
	C25WC001	0.28	0.07	0.45	0.17	0.00	0.00	0.35	1.32								
	C25WC002	0.40	0.10	0.73	0.28	0.00	0.00	0.49	2.00								
C35																	
	C35AL001	2.21	0.68	1.18	0.45	0.07	0.01	2.92	7.52								
	C35AL002	2.61	0.82	1.97	0.74	0.14	0.02	3.45	9.75								
	C35AL003	1.32	0.41	0.00	0.19	0.07	0.01	1.74	3.74								
	C35AL004	2.79	0.85	0.00	0.31	0.05	0.01	3.67	7.68								
	C35AL005	3.08	0.93	0.60	0.20	0.04	0.01	4.05	8.91								
	C35AL006	3.45	1.04	0.60	0.20	0.04	0.01	4.53	9.87								
	C35AL007	1.70	0.51	0.00	0.25	0.00	0.00	2.23	4.69								
	C35AL008	1.83	0.55	0.00	0.30	0.00	0.00	2.41	5.09								
	C35AL009	2.02	0.61	0.00	0.40	0.00	0.00	2.65	5.68								
	C35AL010	4.90	1.48	1.34	0.44	0.04	0.01	6.45	14.66								
	C35AL011	5.57	1.68	2.25	0.74	0.04	0.01	7.32	17.61								
	C35AV001	7.82	2.35	0.75	2.40	0.00	0.00	10.26	23.58								
	C35AV002	9.18	2.76	0.75	2.90	0.00	0.00	12.05	27.64								
	C35AV003	7.96	2.40	1.85	2.61	0.06	0.01	10.45	25.34								
	C35AV004	4.71	1.42	0.00	1.50	0.06	0.01	6.18	13.88								
	C35AV005	4.46	1.35	0.75	1.90	0.06	0.01	5.87	14.40								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C35	*cont.*																
	C35AV006	7.49	2.26	1.50	2.80	0.07	0.01	9.84	23.97								
C40																	
	C40MX001	3.78	0.96	0.56	0.19	0.14	0.02	4.73	10.38								
	C40MX002	0.74	0.18	0.00	1.00	0.00	0.00	0.91	2.83								
	C40MX003	12.11	3.01	1.62	0.54	0.20	0.04	15.06	32.58								
	C40MX004	14.35	3.56	2.37	0.78	0.20	0.04	17.85	39.15								
	C40MX005	15.23	3.77	2.50	0.83	0.20	0.04	18.93	41.50								
	C40MX006	6.16	1.51	0.00	1.75	0.00	0.00	7.64	17.06								
	C40MX007	5.66	1.38	0.00	1.65	0.00	0.00	7.01	15.70								
	C40RC001	17.58	4.30	2.80	3.65	0.00	0.00	21.80	50.13								
	C40RC002	19.77	4.83	4.20	4.73	0.00	0.00	24.52	58.05								
	C40RC003	22.27	5.44	5.60	5.80	0.00	0.00	27.61	66.72								
	C40RC004	24.20	5.92	7.00	7.88	0.00	0.00	30.01	75.01								
	C40RC005	25.63	6.27	8.40	8.96	0.00	0.00	31.78	81.04								
	C40ST001	0.29	0.07	0.07	0.24	0.00	0.00	0.36	1.03								
	C40ST002	0.32	0.08	0.45	0.17	0.00	0.00	0.39	1.41								
	C40ST003	0.44	0.11	0.07	0.29	0.00	0.00	0.55	1.46								
	C40ST004	0.48	0.12	0.73	0.28	0.00	0.00	0.59	2.20								
	C40ST005	0.56	0.14	0.14	0.38	0.00	0.00	0.70	1.92								
	C40ST006	0.57	0.14	0.73	0.28	0.00	0.00	0.71	2.43								
C45																	
	C45GO001	3.07	1.41	4.42	1.67	0.05	0.01	4.69	15.32								
	C45GO002	6.26	2.86	4.42	1.67	0.00	0.00	9.57	24.78								
	C45GO003	11.26	5.14	3.60	1.19	0.00	0.00	17.20	38.39								
	C45GO004	14.82	6.77	6.22	2.06	0.00	0.00	22.64	52.51								
	C45GO005	21.02	9.59	8.90	2.94	0.00	0.00	32.10	74.55								
	C45GO006	29.43	13.43	7.86	2.60	0.00	0.00	44.95	98.27								
	C45GO007	34.98	15.97	7.86	2.60	0.00	0.00	53.43	114.84								
	C45GO008	53.06	24.22	15.25	5.04	0.00	0.00	81.04	178.61								
	C45GO009	58.54	26.72	15.25	5.04	0.00	0.00	89.41	194.96								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C55																	
	C55MO001	2.49	0.85	3.70	1.40	0.03	0.01	3.63	12.11								
	C55MO002	4.77	1.62	3.10	1.02	0.03	0.01	6.96	17.51								
	C55MO003	5.42	1.84	4.66	1.54	0.03	0.01	7.90	21.40								
	C55MO004	6.54	2.22	4.66	1.54	0.03	0.01	9.55	24.55								
	C55MO005	11.36	3.89	6.78	2.24	0.20	0.04	16.60	41.11								
	C55MO006	11.91	4.07	8.90	2.94	0.20	0.04	17.40	45.46								
	C55MO007	17.65	6.03	8.90	2.94	0.36	0.06	25.78	61.72								
	C55MO008	18.59	6.40	8.90	2.94	0.61	0.11	27.19	64.74								
	C55MO009	28.26	9.67	11.45	3.78	0.61	0.11	41.29	95.17								
	C55MO010	28.89	9.88	11.45	3.78	0.61	0.11	42.22	96.94								
	C55MO011	28.41	9.72	11.45	3.78	0.61	0.11	41.51	95.59								
	C55MO012	29.00	9.92	11.45	3.78	0.61	0.11	42.37	97.24								
	C55MO013	25.00	8.57	11.45	3.78	0.61	0.11	36.54	86.06								
	C55MO014	24.43	8.37	11.45	3.78	0.61	0.11	35.71	84.46								
	C55SC001	5.97	2.03	2.88	0.95	0.04	0.01	8.71	20.59								
	C55SC002	13.66	4.65	7.50	2.48	0.14	0.02	19.94	48.39								
	C55SC003	19.23	6.54	9.03	2.98	0.14	0.02	28.08	66.02								
	C55SC004	23.90	8.10	15.01	4.96	0.07	0.01	34.88	86.93								
	C55SC005	25.25	8.67	13.91	4.60	0.76	0.13	36.92	90.24								
	C55SC006	32.43	11.11	13.91	4.60	0.79	0.14	47.40	110.38								
	C55SC007	39.82	13.66	15.24	5.04	1.06	0.19	58.21	133.22								
	C55SC008	48.61	16.64	15.24	5.04	1.10	0.19	71.04	157.86								
	C55SC009	62.77	21.43	23.19	7.66	1.10	0.19	91.70	208.04								
C60																	
	C60FE001	0.14	0.04	0.12	0.05	0.00	0.00	0.21	0.56								
	C60FE002	0.17	0.05	0.23	0.09	0.00	0.00	0.26	0.80								
	C60FE003	0.27	0.08	1.29	0.49	0.00	0.00	0.42	2.55								
	C60FE004	0.82	0.23	2.34	0.88	0.00	0.00	1.27	5.54								
	C60FE005	0.83	0.24	2.34	0.88	0.00	0.00	1.29	5.58								
	C60HO001	0.24	0.07	0.94	0.35	0.00	0.00	0.37	1.97								
	C60HO002	0.30	0.09	1.64	0.62	0.00	0.00	0.46	3.11								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C60	*cont.*																
	C60LY003	0.20	0.06	0.94	0.35	0.00	0.00	0.31	1.86								
	C60LY006	0.27	0.08	0.45	0.24	0.00	0.00	0.42	1.46								
	C60LY007	0.93	0.27	2.11	0.80	0.00	0.00	1.44	5.55								
C65																	
	C65WC001	0.31	0.06	0.07	0.17	0.00	0.00	1.17	1.78								
	C65WC002	0.33	0.07	0.13	0.21	0.00	0.00	1.23	1.97								
	C65XX001	0.20	0.04	0.00	0.06	0.00	0.00	0.75	1.05								
	C65XX002	0.25	0.05	0.00	0.08	0.00	0.00	0.95	1.33								
	C65XX003	0.28	0.06	0.00	0.10	0.00	0.00	1.05	1.49								
	C65XX004	0.31	0.06	0.00	0.13	0.00	0.00	1.17	1.67								
	C65XX005	0.48	0.10	0.00	0.15	0.00	0.00	1.81	2.54								
C75																	
	C75BA001	22.76	13.52	6.62	2.34	3.43	0.61	27.04	76.32								
	C75BA002	23.17	13.69	6.62	2.34	3.07	0.54	27.51	76.94								
	C75BD001	4.27	2.46	6.29	2.38	0.18	0.03	5.05	20.66								
	C75BD002	5.36	3.09	9.53	3.60	0.30	0.05	6.34	28.27								
	C75BD003	6.52	3.81	9.53	3.60	0.60	0.11	7.72	31.89								
	C75GV001	11.66	6.82	3.53	1.25	1.14	0.20	13.82	38.42								
	C75GV002	11.66	6.82	3.53	1.25	1.14	0.20	13.82	38.42								
	C75GV003	11.66	6.82	3.53	1.25	1.14	0.20	13.82	38.42								
	C75GV004	11.75	6.81	4.20	1.49	0.81	0.14	13.90	39.10								
	C75GV005	11.75	6.81	4.20	1.49	0.81	0.14	13.90	39.10								
	C75GV006	11.75	6.81	4.20	1.49	0.81	0.14	13.90	39.10								
	C75GV007	12.42	7.19	4.20	1.49	0.81	0.14	14.70	40.95								
	C75GV008	13.42	8.22	4.20	1.49	3.43	0.61	16.02	47.39								
	C75GV009	13.42	8.22	4.20	1.49	3.43	0.61	16.02	47.39								
	C75GV010	13.42	8.22	4.20	1.49	3.43	0.61	16.02	47.39								
	C75GV011	15.91	9.64	4.20	1.49	3.43	0.61	18.96	54.24								
	C75GV012	22.09	12.95	5.95	2.11	1.66	0.29	26.19	71.24								
	C75GV013	24.94	14.76	5.95	2.11	3.43	0.61	29.62	81.42								
	C75GV014	29.03	17.06	6.55	2.32	3.28	0.58	34.44	93.26								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C75	*cont.*																
	C75GV015	33.83	19.83	7.73	2.74	3.53	0.62	40.11	108.39								
	C75GV016	42.55	25.65	8.40	2.97	6.08	1.08	50.67	137.40								
	C75LB001	12.29	7.18	3.53	1.25	1.03	0.18	14.56	40.02								
	C75LB002	14.40	8.62	4.37	1.55	2.26	0.40	17.13	48.73								
	C75LB003	23.34	13.86	6.89	2.44	3.08	0.55	27.73	77.89								
	C75LB004	23.40	13.89	6.89	2.44	3.08	0.55	27.80	78.05								
	C75LB005	24.41	14.36	6.89	2.44	2.57	0.45	28.96	80.08								
	C75LB006	27.75	16.33	6.89	2.44	2.95	0.52	32.92	89.80								
	C75LO001	14.01	8.21	4.37	1.55	1.43	0.25	16.61	46.43								
	C75LO002	14.01	8.21	4.37	1.55	1.43	0.25	16.61	46.43								
	C75LO003	14.08	8.24	4.37	1.55	1.43	0.25	16.69	46.61								
	C75LO004	14.09	8.25	4.37	1.55	1.43	0.25	16.70	46.64								
	C75LO005	14.01	8.20	4.37	1.55	1.43	0.25	16.61	46.42								
	C75LO006	14.68	8.58	4.37	1.55	1.43	0.25	17.40	48.26								
	C75LO008	16.27	9.61	5.11	1.81	2.12	0.38	19.32	54.62								
	C75PH001	13.48	7.86	4.37	1.55	1.14	0.20	15.97	44.57								
	C75PH002	14.10	8.21	4.37	1.55	1.14	0.20	16.70	46.27								
	C75PH003	14.10	8.21	4.37	1.55	1.14	0.20	16.70	46.27								
	C75PH004	14.41	8.38	4.37	1.55	1.14	0.20	17.06	47.11								
	C75PH005	14.45	8.45	4.37	1.55	1.42	0.25	17.13	47.62								
	C75PH006	16.93	9.86	5.21	1.84	1.43	0.25	20.06	55.58								
	C75PH007	17.00	9.90	5.21	1.84	1.43	0.25	20.14	55.77								
	C75PH012	23.39	13.90	6.72	2.38	3.48	0.62	27.80	78.29								
	C75PH013	30.31	17.83	7.66	2.71	3.53	0.62	35.96	98.62								
	C75PH014	16.92	9.86	5.21	1.84	1.43	0.25	20.04	55.55								
	C75PH015	20.11	12.03	5.95	2.11	3.48	0.62	23.92	68.22								
	C75TD002	14.23	8.32	6.05	2.14	1.35	0.24	16.86	49.19								
	C75TD003	16.69	9.73	6.05	2.14	1.43	0.25	19.78	56.07								
	C75TD004	25.83	15.17	6.05	2.14	2.86	0.51	30.63	83.19								
	C75TD005	28.84	16.99	6.05	2.14	3.53	0.62	34.22	92.39								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C80																	
	C80GV001	14.86	8.57	5.04	2.14	0.63	0.11	13.19	44.54	17.33	8.65	6.58	2.80	0.77	0.14	16.66	52.93
	C80GV002	13.39	8.77	5.04	1.55	0.63	0.11	13.87	43.36	15.31	8.82	6.58	2.02	0.77	0.14	16.98	50.62
	C80GV003	14.30	9.35	5.33	1.64	0.66	0.12	14.80	46.20	16.34	9.41	6.96	2.14	0.81	0.14	18.13	53.93
	C80GV004	16.23	10.60	5.33	1.64	0.68	0.12	16.79	51.39	18.54	10.67	6.96	2.14	0.84	0.15	20.57	59.87
	C80GV005	18.86	12.38	5.90	1.81	1.06	0.19	19.54	59.74	21.56	12.47	7.71	2.37	1.29	0.23	23.93	69.56
	C80GV006	21.80	14.28	5.90	1.81	1.06	0.19	22.58	67.62	24.92	14.37	7.71	2.37	1.29	0.23	27.65	78.54
	C80GV007	26.30	17.19	7.23	2.22	1.10	0.19	27.23	81.46	30.06	17.31	9.44	2.90	1.34	0.24	33.35	94.64
	C80GV008	25.54	18.87	7.23	2.22	2.19	0.39	30.26	86.70	28.74	18.99	9.44	2.90	2.64	0.47	36.18	99.36
	C80GV009	29.05	21.33	8.09	2.48	1.92	0.34	34.37	97.58	32.68	21.47	10.23	3.14	2.36	0.42	41.10	111.40
	C80GV010	29.10	21.44	8.04	2.47	2.34	0.41	34.46	98.26	32.74	21.59	10.18	3.13	2.90	0.51	41.20	112.25
	C80GV011	39.54	32.21	7.20	2.21	3.52	0.62	52.69	137.99	43.93	32.37	9.06	2.78	4.34	0.77	61.82	155.07
	C80GV012	49.12	39.84	7.62	2.34	3.52	0.62	65.42	168.48	54.57	40.04	9.55	2.93	4.34	0.77	76.74	188.94
	C80LI001	17.84	10.29	5.76	2.45	0.75	0.13	15.84	53.06	20.82	10.39	7.52	3.19	0.93	0.16	20.00	63.01
	C80LI002	16.07	9.27	5.90	2.51	0.73	0.13	14.27	48.88	18.74	9.36	7.71	3.28	0.90	0.16	18.02	58.17
	C80LI003	15.71	10.28	5.76	1.77	0.72	0.13	16.27	50.64	17.96	10.35	7.52	2.31	0.89	0.16	19.92	59.11
	C80LI004	16.82	10.99	6.05	1.86	0.72	0.13	17.41	53.98	19.23	11.07	7.90	2.42	0.89	0.16	21.33	63.00
	C80LI005	20.17	13.23	6.91	2.12	1.06	0.19	20.89	64.57	23.06	13.32	9.02	2.77	1.29	0.23	25.59	75.28
	C80LI006	21.50	14.09	6.74	2.07	1.10	0.19	22.26	67.95	24.57	14.19	8.80	2.70	1.34	0.24	27.27	79.11
	C80LI007	22.83	14.97	6.74	2.07	1.17	0.21	23.64	71.63	26.09	15.06	8.80	2.70	1.41	0.25	28.95	83.26
	C80PA001	0.91	0.52	0.00	0.10	0.00	0.00	0.81	2.34	1.06	0.52	0.00	0.10	0.00	0.00	1.02	2.70
	C80PA002	1.16	0.66	0.00	0.10	0.00	0.00	1.03	2.95	1.35	0.66	0.00	0.10	0.00	0.00	1.30	3.41
	C80PA003	2.08	1.18	0.00	0.10	0.00	0.00	1.84	5.20	2.43	1.19	0.00	0.10	0.00	0.00	2.33	6.05
	C80PA004	2.45	1.39	0.00	0.25	0.00	0.00	2.17	6.26	2.86	1.41	0.00	0.25	0.00	0.00	2.74	7.26
	C80PA005	3.18	1.80	0.00	0.25	0.00	0.00	2.81	8.04	3.71	1.82	0.00	0.25	0.00	0.00	3.55	9.33
	C80PA006	4.46	2.53	0.00	0.25	0.00	0.00	3.95	11.19	5.21	2.56	0.00	0.25	0.00	0.00	4.99	13.01
	C80PA007	5.64	3.20	0.00	0.75	0.00	0.00	4.99	14.58	6.58	3.23	0.00	0.75	0.00	0.00	6.31	16.87
	C80PA008	7.42	4.21	0.00	0.75	0.00	0.00	6.57	18.95	8.66	4.26	0.00	0.75	0.00	0.00	8.30	21.97
	C80PA009	11.47	6.52	0.00	1.00	0.00	0.00	10.16	29.15	13.38	6.58	0.00	1.00	0.00	0.00	12.83	33.79
	C80PH001	18.02	10.38	6.05	2.57	0.72	0.13	16.00	53.87	21.02	10.48	7.90	3.36	0.88	0.16	20.20	64.00
	C80PH002	16.28	10.59	6.05	1.86	0.46	0.08	16.84	52.16	18.60	10.66	7.90	2.42	0.54	0.10	20.62	60.84
	C80PH003	16.28	10.59	6.05	1.86	0.46	0.08	16.84	52.16	18.61	10.66	7.90	2.42	0.54	0.10	20.63	60.86

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C80	*cont.*																
	C80PH006	22.08	14.46	7.20	2.21	1.06	0.19	22.86	70.06	25.23	14.55	9.40	2.88	1.29	0.23	28.00	81.58
	C80PH007	26.30	17.18	10.08	3.09	1.06	0.19	27.22	85.12	30.06	17.29	13.16	4.04	1.29	0.23	33.34	99.41
C85																	
	C85AM002	28.31	16.08	2.80	1.12	0.00	0.00	35.51	83.82	33.03	16.24	3.60	1.44	0.00	0.00	46.32	100.63
	C85AM003	49.22	31.74	6.47	1.68	0.00	0.00	69.03	158.14	56.26	31.95	8.32	2.16	0.00	0.00	87.16	185.85
	C85AM004	136.99	98.71	20.16	5.71	0.00	0.00	212.25	473.82	154.11	99.36	25.92	7.34	0.00	0.00	261.44	548.17
	C85AM005	138.67	99.92	20.16	5.71	0.00	0.00	214.85	479.31	156.00	100.58	25.92	7.34	0.00	0.00	264.65	554.49
	C85AM007	27.17	16.48	2.20	0.52	0.00	0.00	30.08	76.45	31.35	16.61	2.90	0.68	0.00	0.00	36.99	88.53
	C85AM008	25.97	18.72	2.20	0.57	0.00	0.00	32.57	80.03	29.22	18.84	2.90	0.75	0.00	0.00	38.81	90.52
	C85AM009	26.93	19.40	2.20	0.57	0.00	0.00	33.77	82.87	30.30	19.53	2.90	0.75	0.00	0.00	40.24	93.72
	C85AM010	37.38	26.93	3.75	0.97	0.00	0.00	46.88	115.91	42.05	27.11	4.94	1.28	0.00	0.00	55.86	131.24
	C85AM011	49.45	35.63	5.09	1.32	0.00	0.00	62.02	153.51	55.64	35.87	6.70	1.74	0.00	0.00	73.90	173.85
	C85AM012	51.05	40.67	4.91	1.39	0.00	0.00	71.59	169.61	56.72	40.87	6.47	1.83	0.00	0.00	83.68	189.57
	C85AM013	58.06	46.25	4.91	1.39	0.00	0.00	81.42	192.03	64.51	46.49	6.47	1.83	0.00	0.00	95.18	214.48
	C85AM014	109.26	87.04	9.13	2.59	0.00	0.00	153.23	361.25	121.40	87.48	12.04	3.41	0.00	0.00	179.11	403.44
	C85AM015	127.00	101.17	9.13	2.59	0.00	0.00	178.10	417.99	141.11	101.68	12.04	3.41	0.00	0.00	208.18	466.42
	C85LB002	18.91	11.47	2.11	0.50	0.00	0.00	20.94	53.93	21.82	11.56	2.78	0.66	0.00	0.00	25.75	62.57
	C85LB003	20.56	12.47	2.11	0.50	0.00	0.00	22.76	58.40	23.73	12.57	2.78	0.66	0.00	0.00	28.00	67.74
	C85LB004	21.37	12.96	2.11	0.50	0.00	0.00	23.66	60.60	24.66	13.07	2.78	0.66	0.00	0.00	29.10	70.27
	C85LB005	23.76	17.12	3.43	0.89	0.00	0.00	29.79	74.99	26.73	17.23	4.52	1.17	0.00	0.00	35.50	85.15
	C85LB006	29.19	21.03	4.40	1.14	0.00	0.00	36.60	92.36	32.84	21.17	5.80	1.51	0.00	0.00	43.61	104.93
	C85LB007	35.72	25.74	4.35	1.13	0.00	0.00	44.79	111.73	40.18	25.91	5.73	1.49	0.00	0.00	53.37	126.68
	C85LB008	123.88	98.68	10.56	2.99	0.00	0.00	173.72	409.83	137.64	99.18	13.92	3.94	0.00	0.00	203.06	457.74
	C85LB009	147.72	117.68	10.56	2.99	0.00	0.00	207.15	486.10	164.13	118.27	13.92	3.94	0.00	0.00	242.14	542.40
	C85LB010	59.64	47.51	7.92	2.24	0.00	0.00	83.64	200.95	66.27	47.75	10.44	2.96	0.00	0.00	97.77	225.19
	C85LB011	71.05	56.60	7.92	2.24	0.00	0.00	99.63	237.44	78.94	56.88	10.44	2.96	0.00	0.00	116.46	265.68
	C85MA001	34.83	22.46	6.43	1.67	0.00	0.00	48.85	114.24	39.81	22.61	8.27	2.15	0.00	0.00	61.68	134.52
	C85MA002	58.58	37.77	8.06	2.09	0.00	0.00	82.15	188.65	66.95	38.02	10.37	2.69	0.00	0.00	103.73	221.76
	C85MA003	82.50	59.45	15.34	4.34	0.00	0.00	127.83	289.46	92.82	59.84	19.73	5.59	0.00	0.00	157.46	335.44
	C85MA004	33.99	24.49	5.05	1.31	0.00	0.00	42.63	107.47	38.24	24.65	6.66	1.73	0.00	0.00	50.79	122.07
	C85MA005	40.17	28.94	5.28	1.37	0.00	0.00	50.37	126.13	45.19	29.13	6.96	1.81	0.00	0.00	60.02	143.11

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C85	*cont.*																
	C85MA006	50.30	40.07	6.34	1.80	0.00	0.00	70.54	169.05	55.89	40.27	8.35	2.36	0.00	0.00	82.45	189.32
	C85MA007	79.14	63.05	12.06	3.42	0.00	0.00	110.98	268.65	87.93	63.36	15.89	4.50	0.00	0.00	129.73	301.41
	C85NO001	24.80	12.19	4.26	1.61	0.00	0.00	29.26	72.12	29.76	12.35	5.47	2.07	0.00	0.00	39.53	89.18
	C85NO002	21.50	12.21	4.26	1.71	0.00	0.00	26.97	66.65	25.09	12.33	5.47	2.19	0.00	0.00	35.18	80.26
	C85NO003	25.32	14.38	5.33	2.14	0.00	0.00	31.75	78.92	29.54	14.52	6.85	2.75	0.00	0.00	41.42	95.08
	C85NO004	35.62	20.23	5.33	2.14	0.00	0.00	44.67	107.99	41.56	20.43	6.85	2.75	0.00	0.00	58.28	129.87
	C85NO005	36.69	23.66	5.33	1.38	0.00	0.00	51.45	118.51	41.93	23.81	6.85	1.78	0.00	0.00	64.97	139.34
	C85NO006	34.81	22.44	6.81	1.77	0.00	0.00	48.81	114.64	39.78	22.59	8.76	2.27	0.00	0.00	61.64	135.04
	C85NO007	41.60	29.97	10.21	2.89	0.00	0.00	64.45	149.12	46.80	30.17	13.13	3.72	0.00	0.00	79.39	173.21
	C85NO008	18.17	11.02	3.34	0.79	0.00	0.00	20.12	53.44	20.97	11.11	4.41	1.04	0.00	0.00	24.74	62.27
	C85NO009	18.32	11.11	3.34	0.79	0.00	0.00	20.28	53.84	21.14	11.20	4.41	1.04	0.00	0.00	24.94	62.73
	C85NO010	23.51	14.26	4.19	0.99	0.00	0.00	26.03	68.98	27.13	14.38	5.52	1.30	0.00	0.00	32.02	80.35
	C85NO011	27.28	19.65	4.19	1.09	0.00	0.00	34.21	86.42	30.68	19.78	5.52	1.43	0.00	0.00	40.76	98.17
	C85NO012	33.50	24.14	4.19	1.09	0.00	0.00	42.02	104.94	37.69	24.30	5.52	1.43	0.00	0.00	50.06	119.00
	C85NO013	30.51	21.99	5.35	1.39	0.00	0.00	38.27	97.51	34.33	22.13	7.05	1.83	0.00	0.00	45.60	110.94
	C85NO014	43.01	30.99	8.03	2.08	0.00	0.00	53.94	138.05	48.39	31.20	10.58	2.75	0.00	0.00	64.27	157.19
	C85PH001	12.71	6.25	2.08	0.79	0.00	0.00	14.99	36.82	15.25	6.33	2.68	1.01	0.00	0.00	20.25	45.52
	C85PH002	24.14	13.71	2.91	1.17	0.00	0.00	30.27	72.20	28.16	13.84	3.74	1.50	0.00	0.00	39.49	86.73
	C85PH003	37.47	24.16	4.21	1.09	0.00	0.00	52.55	119.48	42.83	24.32	5.41	1.40	0.00	0.00	66.36	140.32
	C85PH004	35.01	22.57	5.82	1.51	0.00	0.00	49.10	114.01	40.01	22.72	7.49	1.94	0.00	0.00	62.00	134.16
	C85PH005	46.26	29.83	5.82	1.51	0.00	0.00	64.87	148.29	52.87	30.02	7.49	1.94	0.00	0.00	81.91	174.23
	C85PH006	11.75	6.23	1.64	0.62	0.00	0.00	11.27	31.51	13.89	6.29	2.16	0.82	0.00	0.00	14.35	37.51
	C85PH007	20.16	14.53	2.29	0.59	0.00	0.00	25.28	62.85	22.68	14.62	3.02	0.78	0.00	0.00	30.13	71.23
	C85PH008	36.66	26.41	3.31	0.86	0.00	0.00	45.97	113.21	41.24	26.59	4.36	1.13	0.00	0.00	54.78	128.10
	C85PH009	32.28	23.26	4.58	1.19	0.00	0.00	40.49	101.80	36.32	23.42	6.03	1.57	0.00	0.00	48.24	115.58
	C85PH010	39.95	31.83	4.58	1.30	0.00	0.00	56.02	133.68	44.39	31.98	6.03	1.71	0.00	0.00	65.49	149.60
	C85PH011	52.48	41.80	5.77	1.63	0.00	0.00	73.59	175.27	58.31	42.01	7.61	2.16	0.00	0.00	86.02	196.11
C90																	
	C90AM001	36.43	26.68	5.48	1.68	2.12	0.38	43.09	115.86	40.98	26.85	6.89	2.12	2.62	0.46	51.52	131.44
	C90AM002	45.97	33.62	11.98	3.67	2.43	0.43	54.37	152.47	51.72	33.84	15.30	4.70	3.00	0.53	65.01	174.10
	C90AM003	56.89	45.65	10.01	3.07	1.64	0.29	75.65	193.20	63.21	45.88	12.75	3.91	2.02	0.36	88.74	216.87

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
C90	***cont.***																
	C90AM004	73.30	59.49	11.10	3.41	5.46	0.97	97.63	251.36	81.44	59.79	14.02	4.30	6.75	1.19	114.53	282.02
	C90LI001	24.24	15.87	3.96	1.21	1.19	0.21	25.10	71.78	27.70	15.98	4.95	1.52	1.48	0.26	30.74	82.63
	C90LI002	31.61	20.81	5.56	1.70	2.12	0.38	32.75	94.93	36.12	20.95	6.92	2.12	2.62	0.46	40.11	109.30
	C90LI003	42.05	30.77	8.15	2.50	2.35	0.42	49.73	135.97	47.30	30.98	10.30	3.16	2.91	0.52	59.46	154.63
	C90LI004	43.00	34.73	7.14	2.19	2.35	0.42	57.23	147.06	47.78	34.90	8.98	2.75	2.91	0.52	67.14	164.98
	C90LI005	68.46	55.25	12.34	3.78	3.53	0.62	91.11	235.09	76.07	55.53	15.66	4.80	4.36	0.77	106.89	264.08
	C90PH001	41.07	33.19	8.41	2.58	2.35	0.42	54.67	142.69	45.63	33.36	10.66	3.27	2.91	0.52	64.14	160.49
	C90PH002	83.60	67.36	14.27	4.38	3.80	0.67	111.23	285.31	92.89	67.70	18.15	5.57	4.70	0.83	130.49	320.33
C95																	
	C95LH001	17.92	14.27	4.03	5.38	0.00	0.00	23.88	65.48								
	C95LH002	19.64	15.64	4.03	5.38	0.00	0.00	26.17	70.86								
	C95LH003	22.52	17.93	6.11	6.60	0.00	0.00	30.01	83.17								
	C95LH004	23.73	18.89	6.11	6.60	0.00	0.00	31.62	86.95								
	C95LH005	31.42	25.01	7.87	8.64	0.00	0.00	41.86	114.80								
	C95LH006	35.16	27.99	7.87	8.64	0.00	0.00	46.85	126.51								
	C95LH007	41.09	32.71	7.93	8.68	0.00	0.00	54.75	145.16								
	C95LH008	44.29	35.26	7.93	8.68	0.00	0.00	59.02	155.18								
	C95LH009	43.00	34.23	7.93	8.68	0.00	0.00	57.30	151.14								
	C95LH010	45.37	36.12	7.93	8.68	0.00	0.00	60.45	158.55								
	C95LH011	59.70	47.53	10.86	11.41	0.00	0.00	79.55	209.05								
	C95LH012	67.70	53.90	10.86	11.41	0.00	0.00	90.21	234.08								
	C95LH013	69.81	55.57	11.05	11.52	0.00	0.00	93.02	240.97								
	C95LH014	73.91	58.84	11.05	11.52	0.00	0.00	98.49	253.81								
	C95LH015	113.13	90.06	13.00	14.67	0.00	0.00	150.74	381.60								
	C95LH016	130.44	103.85	13.00	14.67	0.00	0.00	173.82	435.78								
	C95LH017	5.32	4.24	1.11	2.65	0.00	0.00	7.09	20.41								
	C95LH018	6.96	5.54	1.24	2.73	0.00	0.00	9.27	25.74								
	C95LH019	15.28	12.16	2.15	3.27	0.00	0.00	20.36	53.22								
	C95LH020	16.61	13.23	2.28	3.35	0.00	0.00	22.14	57.61								
	C95LH021	24.22	19.28	2.28	3.35	0.00	0.00	32.27	81.40								
	C95LH022	30.82	24.54	4.23	5.50	0.00	0.00	41.07	106.16								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
D10																	
	D10GD001	8.16	3.72	0.00	0.79	0.00	0.00	12.42	25.09								
	D10GD002	8.31	3.79	0.00	0.79	0.00	0.00	12.66	25.55								
	D10GD003	8.57	3.91	0.00	0.79	0.00	0.00	13.05	26.32								
	D10GD004	8.89	4.06	0.00	0.84	0.00	0.00	13.54	27.33								
	D10GD005	9.06	4.13	0.00	0.84	0.00	0.00	13.79	27.82								
	D10GD006	9.31	4.25	0.00	0.84	0.00	0.00	14.18	28.58								
	D10GD007	15.74	7.19	5.47	1.81	0.00	0.00	23.97	54.18								
	D10GD008	22.39	10.22	8.03	2.65	0.00	0.00	34.08	77.37								
	D10IN001	16.62	7.59	7.74	2.56	0.00	0.00	25.31	59.82								
	D10IN002	10.42	4.76	0.00	0.84	0.00	0.00	15.87	31.89								
	D10IN003	9.25	4.22	0.00	0.79	0.00	0.00	14.09	28.35								
	D10SU001	3.54	1.62	0.00	0.49	0.00	0.00	5.39	11.04								
	D10SU002	9.38	4.28	0.00	0.80	0.00	0.00	14.29	28.75								
	D10SU003	9.83	4.49	0.00	0.80	0.00	0.00	14.97	30.09								
	D10SU004	13.56	6.19	0.00	0.90	0.00	0.00	20.65	41.30								
D15																	
	D15BI001	0.66	0.30	1.05	0.40	0.00	0.00	0.90	3.31								
	D15BI002	0.83	0.38	1.67	0.63	0.00	0.00	1.13	4.64								
	D15BI003	1.47	0.67	1.12	0.37	0.00	0.00	2.01	5.64								
	D15BI004	2.38	1.08	1.62	0.54	0.00	0.00	3.25	8.87								
	D15BI005	3.21	1.46	2.34	0.77	0.00	0.00	4.39	12.17								
	D15BI006	5.36	2.45	3.24	1.07	0.00	0.00	7.35	19.47								
	D15BI007	7.69	3.51	5.94	1.96	0.00	0.00	10.54	29.64								
D20																	
	D20AD001	0.26	0.10	0.08	0.24	0.00	0.00	0.34	1.02								
	D20AD002	0.32	0.12	0.16	0.34	0.00	0.00	0.42	1.36								
	D20AD003	0.52	0.19	0.24	0.43	0.00	0.00	0.67	2.05								
	D20AD004	1.18	0.44	0.88	1.46	0.00	0.00	1.52	5.48								
D25																	
	D25AD001	2.55	1.17	0.72	0.20	0.00	0.00	3.89	8.53								
	D25AD002	3.46	1.58	1.73	0.49	0.00	0.00	5.27	12.53								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
D25	*cont.*																
	D25AD003	4.15	1.89	1.87	0.53	0.00	0.00	6.31	14.75								
	D25DE001	1.46	0.67	0.72	0.20	0.00	0.00	2.23	5.28								
	D25EZ001	0.47	0.21	0.00	0.50	0.00	0.00	0.72	1.90								
	D25EZ002	0.47	0.23	0.00	0.50	0.04	0.01	0.72	1.97								
	D25EZ003	0.47	0.22	0.00	0.50	0.03	0.01	0.72	1.95								
	D25EZ004	1.86	0.86	0.00	1.20	0.06	0.01	2.84	6.83								
	D25EZ005	2.03	0.94	0.00	1.25	0.06	0.01	3.10	7.39								
	D25SP001	1.64	0.75	3.14	0.59	0.00	0.00	2.50	8.62								
	D25SP002	1.77	0.81	2.41	0.46	0.00	0.00	2.70	8.15								
	D25SP003	2.65	1.21	4.18	0.79	0.00	0.00	4.03	12.86								
	D25SP004	2.93	1.34	4.81	0.91	0.00	0.00	4.47	14.46								
	D25SP005	3.80	1.73	9.52	1.80	0.00	0.00	5.78	22.63								
	D25SP006	2.22	1.03	1.26	0.36	0.04	0.01	3.39	8.31								
	D25SP007	2.77	1.27	1.69	0.48	0.04	0.01	4.22	10.48								
D30																	
	D30DE002	2.27	1.05	1.08	0.36	0.09	0.02	3.47	8.34								
	D30HD001	6.16	2.81	7.56	4.50	0.00	0.00	9.37	30.40								
	D30HD002	10.71	4.89	9.72	6.21	0.00	0.00	16.31	47.84								
	D30HD003	12.28	5.60	12.06	7.98	0.00	0.00	18.70	56.62								
	D30MR001	0.50	0.23	0.73	0.28	0.00	0.00	0.76	2.50								
	D30MR002	1.37	0.63	2.51	0.95	0.00	0.00	2.09	7.55								
	D30MR003	2.34	1.09	9.94	3.75	0.09	0.02	3.58	20.81								
	D30MR004	2.86	1.33	3.78	1.25	0.09	0.02	4.37	13.70								
	D30MR005	5.09	2.38	17.15	6.48	0.37	0.07	7.79	39.33								
	D30MR006	5.62	2.62	15.24	5.76	0.37	0.07	8.59	38.27								
	D30MR007	9.59	4.44	16.09	6.08	0.37	0.07	14.64	51.28								
D35																	
	D35GD001	13.32	8.34	4.72	2.12	0.00	0.00	20.28	48.78								
	D35GD002	13.84	8.66	9.00	4.04	0.00	0.00	21.07	56.61								
	D35GD003	17.65	11.05	9.00	4.04	0.00	0.00	26.87	68.61								
	D35GD004	21.87	13.70	11.70	5.25	0.00	0.00	33.30	85.82								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
D35	*cont.*																
	D35IN001	22.58	14.14	16.20	7.26	0.00	0.00	34.38	94.56								
	D35IN002	30.40	19.21	20.88	9.37	1.42	0.25	46.37	127.90								
	D35IN003	23.48	14.85	17.10	7.67	1.14	0.20	35.82	100.26								
	D35RO001	20.53	13.03	14.40	6.46	1.31	0.23	31.35	87.31								
	D35RO002	30.85	19.62	14.29	6.41	2.29	0.41	47.12	120.99								
	D35RO003	25.63	16.05	13.32	5.97	0.00	0.00	39.03	100.00								
	D35RO004	28.68	17.96	13.32	5.97	0.00	0.00	43.67	109.60								
	D35RO005	24.08	15.08	14.40	6.46	0.00	0.00	36.66	96.68								
	D35RO006	32.79	26.11	18.90	7.14	0.00	0.00	49.92	134.86								
F10																	
	F10CA001	1.97	0.92	1.17	0.62	0.07	0.01	2.30	7.06								
	F10CA002	2.01	0.94	1.17	0.62	0.09	0.02	2.35	7.20								
	F10CA003	2.20	1.02	2.08	1.10	0.10	0.02	2.56	9.08								
	F10CA004	2.48	1.16	2.08	1.10	0.10	0.02	2.89	9.83								
	F10CA005	2.92	1.36	3.06	1.62	0.10	0.02	3.41	12.49								
	F10CA006	3.54	1.66	3.45	1.83	0.17	0.03	4.14	14.82								
	F10CA007	3.72	1.73	3.45	1.83	0.14	0.02	4.34	15.23								
	F10CA008	3.92	1.81	3.45	1.83	0.09	0.02	4.57	15.69								
	F10CA009	1.88	0.86	3.12	0.88	0.03	0.01	2.19	8.97								
	F10CA010	2.10	0.99	4.05	1.15	0.14	0.02	2.46	10.91								
	F10CA011	2.22	1.06	4.05	1.15	0.22	0.04	2.60	11.34								
	F10CA012	3.29	1.53	5.32	1.51	0.16	0.03	3.84	15.68								
	F10CA013	3.32	1.55	5.32	1.51	0.16	0.03	3.88	15.77								
	F10CA014	3.46	1.62	5.32	1.51	0.16	0.03	4.04	16.14								
	F10CA015	4.93	2.30	1.90	0.54	0.22	0.04	5.76	15.69								
	F10CA016	5.32	2.48	2.02	0.57	0.22	0.04	6.21	16.86								
	F10CA017	6.82	3.23	3.60	1.02	0.50	0.09	7.99	23.25								
	F10CA018	7.47	3.52	3.60	1.02	0.50	0.09	8.74	24.94								
	F10CA019	8.12	3.79	3.60	1.02	0.37	0.07	9.48	26.45								
	F10CA020	8.27	3.94	3.60	1.02	0.75	0.13	9.70	27.41								
	F10CA021	3.21	1.53	1.96	0.56	0.29	0.05	3.77	11.37								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
F10	*cont.*																
	F10CA022	3.29	1.57	1.96	0.56	0.29	0.05	3.85	11.57								
	F10CA023	3.95	1.87	1.96	0.56	0.29	0.05	4.63	13.31								
	F10CA024	3.99	1.94	1.96	0.56	0.52	0.09	4.70	13.76								
	F10HY008	15.61	7.41	6.19	1.75	1.26	0.22	18.29	50.73								
	F10JC001	3.65	1.75	2.13	0.60	0.37	0.07	4.29	12.86								
	F10JC002	4.25	2.04	2.13	0.60	0.43	0.08	4.99	14.52								
G10																	
	G10CA001	1.85	0.77	4.49	1.27	0.00	0.00	1.84	10.22	2.31	0.78	5.87	1.66	0.00	0.00	2.63	13.25
	G10CA002	2.32	0.96	6.94	1.97	0.00	0.00	2.31	14.50	2.90	0.98	9.06	2.57	0.00	0.00	3.29	18.80
	G10CA003	2.36	0.98	7.75	2.19	0.00	0.00	2.35	15.63	2.95	1.00	10.11	2.86	0.00	0.00	3.35	20.27
	G10CA004	2.64	1.09	9.56	2.71	0.00	0.00	2.62	18.62	3.30	1.11	12.48	3.53	0.00	0.00	3.74	24.16
	G10CA005	2.84	1.18	10.60	3.00	0.00	0.00	2.83	20.45	3.55	1.20	13.84	3.92	0.00	0.00	4.04	26.55
	G10CA006	4.63	1.92	15.26	4.32	0.00	0.00	4.60	30.73	5.79	1.96	19.93	5.64	0.00	0.00	6.58	39.90
	G10CA007	5.26	2.18	17.71	5.02	0.00	0.00	5.23	35.40	6.58	2.23	23.12	6.55	0.00	0.00	7.47	45.95
	G10CA008	7.00	2.90	22.58	6.39	0.00	0.00	6.96	45.83	8.75	2.96	29.48	8.35	0.00	0.00	9.94	59.48
	G10CA009	9.28	3.85	26.84	7.60	0.00	0.00	9.23	56.80	11.60	3.93	35.04	9.92	0.00	0.00	13.19	73.68
	G10CA010	12.13	5.03	37.41	10.59	0.00	0.00	12.06	77.22	15.16	5.13	48.84	13.83	0.00	0.00	17.23	100.19
	G10CA011	18.13	7.52	52.24	14.79	0.00	0.00	18.02	110.70	22.66	7.67	68.21	19.32	0.00	0.00	25.75	143.61
	G10HO001	0.10	0.03	0.42	0.12	0.00	0.00	0.08	0.75	0.11	0.03	0.55	0.16	0.00	0.00	0.11	0.96
	G10HO002	0.13	0.04	0.59	0.17	0.00	0.00	0.11	1.04	0.15	0.04	0.78	0.22	0.00	0.00	0.15	1.34
	G10HO003	0.11	0.04	0.72	0.00	0.00	0.00	0.10	0.97	0.13	0.04	0.93	0.00	0.00	0.00	0.13	1.23
	G10HO004	0.25	0.08	0.93	0.26	0.00	0.00	0.21	1.73	0.28	0.09	1.22	0.35	0.00	0.00	0.28	2.22
	G10KH001	0.10	0.03	0.42	0.12	0.00	0.00	0.09	0.76	0.12	0.03	0.55	0.16	0.00	0.00	0.12	0.98
	G10KH002	0.12	0.04	0.68	0.19	0.00	0.00	0.10	1.13	0.14	0.04	0.89	0.25	0.00	0.00	0.14	1.46
	G10KH003	0.16	0.05	0.93	0.26	0.00	0.00	0.13	1.53	0.18	0.05	1.22	0.35	0.00	0.00	0.18	1.98
	G10ON001	0.31	0.11	0.42	0.12	0.00	0.00	0.26	1.22	0.36	0.11	0.55	0.16	0.00	0.00	0.35	1.53
	G10ON002	0.41	0.14	0.84	0.24	0.00	0.00	0.35	1.98	0.47	0.14	1.11	0.31	0.00	0.00	0.46	2.49
	G10ON003	0.45	0.15	0.84	0.24	0.00	0.00	0.39	2.07	0.52	0.16	1.11	0.31	0.00	0.00	0.51	2.61
	G10ON004	0.53	0.18	1.69	0.48	0.00	0.00	0.45	3.33	0.61	0.18	2.22	0.63	0.00	0.00	0.60	4.24
	G10ON005	0.41	0.17	1.18	0.33	0.00	0.00	0.41	2.50	0.52	0.17	1.55	0.44	0.00	0.00	0.59	3.27
	G10ON006	0.47	0.19	1.27	0.36	0.00	0.00	0.47	2.76	0.59	0.20	1.66	0.47	0.00	0.00	0.67	3.59

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
G10	*cont.*																
	G10ON007	0.59	0.25	0.43	0.12	0.00	0.00	0.59	1.98	0.74	0.25	0.56	0.16	0.00	0.00	0.85	2.56
	G10ON008	0.44	0.18	0.17	0.05	0.00	0.00	0.44	1.28	0.55	0.19	0.23	0.07	0.00	0.00	0.62	1.66
	G10ON009	0.59	0.25	0.35	0.10	0.00	0.00	0.59	1.88	0.74	0.25	0.45	0.13	0.00	0.00	0.84	2.41
	G10ON010	0.86	0.36	0.63	0.18	0.00	0.00	0.85	2.88	1.07	0.36	0.83	0.24	0.00	0.00	1.22	3.72
	G10ON011	0.91	0.38	0.78	0.22	0.00	0.00	0.91	3.20	1.14	0.39	1.02	0.29	0.00	0.00	1.29	4.13
	G10ON012	0.97	0.40	0.95	0.27	0.00	0.00	0.96	3.55	1.21	0.41	1.24	0.35	0.00	0.00	1.37	4.58
	G10ON013	1.04	0.43	1.44	0.41	0.00	0.00	1.03	4.35	1.29	0.44	1.88	0.53	0.00	0.00	1.47	5.61
	G10ON014	1.13	0.47	1.87	0.53	0.00	0.00	1.12	5.12	1.41	0.48	2.44	0.69	0.00	0.00	1.60	6.62
	G10ON015	1.26	0.52	2.51	0.71	0.00	0.00	1.26	6.26	1.58	0.53	3.27	0.93	0.00	0.00	1.79	8.10
	G10ON016	1.33	0.55	3.40	0.96	0.00	0.00	1.32	7.56	1.66	0.56	4.44	1.26	0.00	0.00	1.89	9.81
	G10ON017	1.53	0.64	3.40	0.96	0.00	0.00	1.52	8.05	1.92	0.65	4.44	1.26	0.00	0.00	2.18	10.45
	G10ON018	1.75	0.73	4.46	1.26	0.00	0.00	1.74	9.94	2.19	0.74	5.83	1.65	0.00	0.00	2.48	12.89
	G10ON019	2.00	0.83	5.50	1.56	0.00	0.00	1.99	11.88	2.50	0.85	7.18	2.03	0.00	0.00	2.84	15.40
	G10ON020	2.31	0.96	6.54	1.85	0.00	0.00	2.29	13.95	2.88	0.97	8.54	2.42	0.00	0.00	3.27	18.08
G15																	
	G15CA001	9.22	5.63	3.30	1.32	0.52	0.09	11.09	31.17	11.06	5.69	4.30	1.73	0.71	0.13	14.25	37.87
	G15CA002	10.98	6.69	3.56	1.43	0.52	0.09	13.20	36.47	13.18	6.76	4.64	1.86	0.71	0.13	16.96	44.24
	G15CA003	11.67	7.11	3.56	1.43	0.56	0.10	14.03	38.46	14.01	7.18	4.64	1.86	0.75	0.13	18.03	46.60
	G15CA004	11.90	7.26	3.96	1.59	0.64	0.11	14.30	39.76	14.27	7.34	5.16	2.07	0.87	0.15	18.39	48.25
	G15CA005	17.12	10.56	5.28	2.12	1.40	0.25	20.64	57.37	20.54	10.67	6.88	2.76	1.89	0.33	26.53	69.60
	G15CA006	24.38	15.07	7.26	2.91	2.17	0.38	29.41	81.58	29.25	15.23	9.46	3.80	2.94	0.52	37.80	99.00
	G15CH001	8.56	5.27	3.56	1.43	0.67	0.12	10.31	29.92	10.27	5.33	4.64	1.86	0.90	0.16	13.26	36.42
	G15CH002	9.37	5.74	4.04	1.62	0.61	0.11	11.28	32.77	11.25	5.81	5.26	2.11	0.83	0.15	14.50	39.91
	G15CH003	10.31	6.33	4.94	1.98	0.70	0.12	12.41	36.79	12.37	6.39	6.43	2.58	0.95	0.17	15.96	44.85
	G15CH004	11.36	6.95	5.54	2.22	0.70	0.12	13.67	40.56	13.64	7.03	7.22	2.90	0.95	0.17	17.58	49.49
	G15CH005	12.27	7.66	5.28	2.12	1.40	0.25	14.84	43.82	14.73	7.74	6.88	2.76	1.89	0.33	19.08	53.41
	G15CH006	14.17	8.79	5.28	2.12	1.40	0.25	17.11	49.12	17.01	8.89	6.88	2.76	1.89	0.33	22.00	59.76
	G15CH007	8.09	4.98	3.56	1.43	0.61	0.11	9.75	28.53	9.71	5.03	4.64	1.86	0.83	0.15	12.53	34.75
	G15CH008	8.59	5.28	4.04	1.62	0.61	0.11	10.35	30.60	10.31	5.33	5.26	2.11	0.83	0.15	13.30	37.29
	G15CH009	9.43	5.80	4.94	1.98	0.70	0.12	11.36	34.33	11.32	5.86	6.43	2.58	0.95	0.17	14.60	41.91
	G15CH010	10.71	6.56	5.54	2.22	0.70	0.12	12.89	38.74	12.85	6.63	7.22	2.90	0.95	0.17	16.57	47.29

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
G15	***cont.***																
	G15FI001	8.52	5.22	3.56	1.43	0.56	0.10	10.26	29.65	10.23	5.28	4.64	1.86	0.75	0.13	13.19	36.08
	G15FI002	8.99	5.52	4.09	1.64	0.64	0.11	10.83	31.82	10.79	5.58	5.33	2.14	0.87	0.15	13.92	38.78
	G15FI003	9.42	5.85	4.36	1.75	0.94	0.17	11.38	33.87	11.31	5.91	5.68	2.28	1.26	0.22	14.63	41.29
	G15FI004	5.09	3.17	1.80	0.72	0.56	0.10	6.15	17.59	6.11	3.20	2.34	0.94	0.75	0.13	7.91	21.38
	G15FI005	7.91	4.86	3.56	1.43	0.56	0.10	9.53	27.95	9.50	4.91	4.64	1.86	0.75	0.13	12.25	34.04
	G15FI006	8.31	5.12	4.09	1.64	0.70	0.12	10.01	29.99	9.97	5.18	5.33	2.14	0.94	0.17	12.87	36.60
	G15FI007	8.83	5.49	4.36	1.75	0.94	0.17	10.67	32.21	10.59	5.55	5.68	2.28	1.26	0.22	13.71	39.29
	G15GI002	9.31	5.69	3.80	1.52	0.56	0.10	11.19	32.17	11.17	5.75	4.95	1.99	0.75	0.13	14.39	39.13
	G15GI004	10.01	6.14	4.38	1.76	0.70	0.12	12.05	35.16	12.01	6.21	5.71	2.29	0.94	0.17	15.49	42.82
	G15GI006	10.76	6.60	5.39	2.16	0.70	0.12	12.95	38.68	12.92	6.66	7.02	2.82	0.94	0.17	16.66	47.19
	G15JD001	7.22	4.44	2.38	0.95	0.52	0.09	8.70	24.30	8.67	4.48	3.10	1.24	0.71	0.13	11.18	29.51
	G15JD002	9.18	5.61	3.56	1.43	0.52	0.09	11.04	31.43	11.02	5.67	4.64	1.86	0.71	0.13	14.20	38.23
	G15JD003	10.79	6.57	3.56	1.43	0.52	0.09	12.97	35.93	12.95	6.64	4.64	1.86	0.71	0.13	16.67	43.60
	G15JD004	10.34	6.32	4.09	1.64	0.61	0.11	12.44	35.55	12.41	6.39	5.33	2.14	0.83	0.15	15.99	43.24
	G15JD005	11.99	7.31	4.09	1.64	0.61	0.11	14.41	40.16	14.38	7.38	5.33	2.14	0.83	0.15	18.52	48.73
	G15KM001	11.08	6.75	3.56	1.43	0.52	0.09	13.32	36.75	13.30	6.82	4.64	1.86	0.71	0.13	17.12	44.58
	G15KM002	10.87	6.66	3.70	1.48	0.70	0.12	13.08	36.61	13.04	6.73	4.82	1.93	0.95	0.17	16.81	44.45
	G15KM003	12.91	7.88	4.09	1.64	0.70	0.12	15.52	42.86	15.49	7.96	5.33	2.14	0.95	0.17	19.95	51.99
	G15KM004	16.50	10.18	5.28	2.12	1.40	0.25	19.89	55.62	19.80	10.29	6.88	2.76	1.89	0.33	25.58	67.53
	G15KM005	25.40	15.68	7.39	2.96	2.17	0.38	30.63	84.61	30.48	15.85	9.63	3.86	2.94	0.52	39.38	102.66
H10																	
	H10LB001	1.07	0.31	0.00	0.10	0.00	0.00	1.66	3.14								
	H10LB002	1.47	0.42	0.00	0.25	0.00	0.00	2.27	4.41								
	H10LB003	1.99	0.57	0.00	0.25	0.00	0.00	3.09	5.90								
	H10LB004	2.71	0.78	0.00	0.25	0.00	0.00	4.21	7.95								
	H10LB005	4.96	1.42	0.00	0.50	0.00	0.00	7.69	14.57								
	H10LB006	5.95	1.71	0.00	0.50	0.00	0.00	9.22	17.38								
	H10LB007	7.17	2.06	0.00	0.50	0.00	0.00	11.12	20.85								
	H10LB008	8.49	2.44	0.00	0.50	0.00	0.00	13.17	24.60								
	H10LB009	9.95	2.86	0.00	0.50	0.00	0.00	15.43	28.74								
	H10LB010	13.60	3.90	0.00	0.75	0.00	0.00	21.08	39.33								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H10	*cont.*																
	H10LB011	18.01	5.17	0.00	0.75	0.00	0.00	27.91	51.84								
	H10NP001	0.82	0.24	0.00	0.50	0.00	0.00	1.27	2.83								
	H10NP002	0.91	0.26	0.00	0.50	0.00	0.00	1.41	3.08								
	H10NP003	1.07	0.31	0.00	0.75	0.00	0.00	1.65	3.78								
	H10NP004	1.44	0.41	0.00	0.75	0.00	0.00	2.23	4.83								
	H10NP005	1.96	0.56	0.00	1.00	0.00	0.00	3.04	6.56								
	H10NP006	2.70	0.77	0.00	1.00	0.00	0.00	4.18	8.65								
	H10NP007	3.35	0.96	0.00	1.00	0.00	0.00	5.20	10.51								
	H10NP008	3.87	1.11	0.00	1.25	0.00	0.00	5.99	12.22								
	H10NP009	4.82	1.38	0.00	1.25	0.00	0.00	7.47	14.92								
	H10NP010	5.87	1.68	0.00	1.50	0.00	0.00	9.10	18.15								
	H10NP011	6.84	1.96	0.00	2.00	0.00	0.00	10.61	21.41								
	H10NP012	8.40	2.41	0.00	2.50	0.00	0.00	13.02	26.33								
	H10NP013	12.32	3.54	0.00	3.00	0.00	0.00	19.10	37.96								
	H10NP014	17.23	4.94	0.00	3.50	0.00	0.00	26.71	52.38								
H13																	
	H13AY007	11.40	5.20	0.00	0.00	0.00	0.00	15.91	32.51								
	H13AY008	6.53	2.98	0.00	0.00	0.00	0.00	9.11	18.62								
	H13AY009	10.15	4.63	0.00	0.00	0.00	0.00	14.16	28.94								
	H13AY010	5.28	2.41	0.00	0.00	0.00	0.00	7.37	15.06								
	H13AY011	8.52	3.89	0.00	0.00	0.00	0.00	11.89	24.30								
	H13AY012	4.47	2.04	0.00	0.00	0.00	0.00	6.23	12.74								
	H13AY013	6.86	3.13	0.00	0.00	0.00	0.00	9.57	19.56								
	H13AY014	3.77	1.72	0.00	0.00	0.00	0.00	5.26	10.75								
	H13AY015	4.05	1.85	0.00	0.00	0.00	0.00	5.65	11.55								
	H13AY016	2.67	1.22	0.00	0.00	0.00	0.00	3.72	7.61								
	H13AY017	12.66	5.78	0.00	0.00	0.00	0.00	17.66	36.10								
	H13AY018	6.57	3.00	0.00	0.00	0.00	0.00	9.16	18.73								
	H13AY019	0.82	0.37	0.07	0.29	0.00	0.00	1.14	2.69								
	H13AY020	1.05	0.48	0.07	0.29	0.00	0.00	1.47	3.36								
	H13AY021	14.23	5.98	0.00	0.00	0.32	0.06	16.64	37.23								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H13	*cont.*																
	H13AY022	7.77	3.29	0.00	0.00	0.32	0.06	9.10	20.54								
	H13AY023	13.00	5.47	0.00	0.00	0.32	0.06	15.21	34.06								
	H13AY024	7.82	3.32	0.00	0.00	0.32	0.06	9.16	20.68								
	H13AY025	11.59	4.88	0.00	0.00	0.32	0.06	13.56	30.41								
	H13AY026	6.41	2.73	0.00	0.00	0.32	0.06	7.52	17.04								
	H13AY027	9.77	4.13	0.00	0.00	0.32	0.06	11.44	25.72								
	H13AY028	5.46	2.34	0.00	0.00	0.32	0.06	6.41	14.59								
	H13AY029	7.92	3.36	0.00	0.00	0.32	0.06	9.28	20.94								
	H13AY030	4.64	2.00	0.00	0.00	0.32	0.06	5.45	12.47								
	H13AY031	4.89	2.10	0.00	0.00	0.32	0.06	5.74	13.11								
	H13AY032	3.42	1.49	0.00	0.00	0.32	0.06	4.03	9.32								
	H13BB001	3.93	0.73	0.65	1.10	0.00	0.00	5.74	12.15								
	H13BB002	7.59	1.41	0.98	1.52	0.00	0.00	11.07	22.57								
	H13BC001	8.01	1.62	0.33	0.19	0.00	0.00	8.69	18.84								
	H13BC002	3.91	0.79	0.33	0.19	0.00	0.00	4.24	9.46								
	H13BC003	3.01	0.61	0.33	0.19	0.00	0.00	3.27	7.41								
	H13BC004	3.74	0.76	0.33	0.19	0.00	0.00	4.06	9.08								
	H13BC005	2.82	0.57	0.33	0.19	0.00	0.00	3.06	6.97								
	H13BC006	2.33	0.47	0.20	0.12	0.00	0.00	2.53	5.65								
	H13BC007	2.95	0.60	0.20	0.12	0.00	0.00	3.20	7.07								
	H13BC008	3.57	0.72	0.33	0.19	0.00	0.00	3.87	8.68								
	H13BC009	2.40	0.48	0.20	0.12	0.00	0.00	2.60	5.80								
	H13BC010	1.78	0.36	0.20	0.12	0.00	0.00	1.94	4.40								
	H13CB001	1.55	0.65	0.33	0.44	0.00	0.00	1.81	4.78								
	H13CB002	1.77	0.73	0.65	0.63	0.00	0.00	2.07	5.85								
	H13CC001	17.23	9.32	3.25	1.92	0.00	0.00	24.03	55.75								
	H13CC002	18.93	10.24	3.25	1.92	0.00	0.00	26.41	60.75								
	H13CC003	22.26	12.04	3.25	1.92	0.00	0.00	31.05	70.52								
	H13CN001	4.76	2.01	1.30	1.69	0.14	0.02	6.97	16.89								
	H13CN002	8.04	3.38	2.60	2.88	0.20	0.04	11.75	28.89								
	H13CN003	9.43	3.96	4.88	3.59	0.20	0.04	13.78	35.88								
	H13CO002	1.26	0.52	0.33	0.44	0.00	0.00	1.48	4.03								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H13	*cont.*																
	H13CO003	1.83	0.76	0.20	0.37	0.00	0.00	2.14	5.30								
	H13CO004	3.24	1.34	0.20	0.62	0.00	0.00	3.78	9.18								
	H13CO005	4.91	2.04	0.20	0.62	0.00	0.00	5.73	13.50								
	H13CO006	3.77	1.57	0.20	0.47	0.00	0.00	4.40	10.41								
	H13HR001	5.00	2.28	0.03	0.27	0.00	0.00	6.98	14.56								
	H13HR002	5.64	2.58	0.10	0.21	0.00	0.00	7.87	16.40								
	H13HR003	10.26	4.30	0.07	2.04	0.20	0.04	12.00	28.91								
	H13MN001	18.31	7.73	9.75	8.18	0.59	0.10	24.11	68.77								
	H13MN002	22.54	9.49	13.00	10.90	0.59	0.10	29.66	86.28								
	H13MN003	27.14	11.39	13.00	11.90	0.59	0.10	35.69	99.81								
	H13MN004	31.32	13.13	19.50	16.35	0.59	0.10	41.19	122.18								
	H13PI001	0.81	0.36	1.52	0.43	0.08	0.01	0.96	4.17								
	H13PI002	0.84	0.37	0.52	0.31	0.08	0.01	0.99	3.12								
	H13PI003	0.94	0.39	0.52	0.31	0.00	0.00	1.10	3.26								
	H13PO001	40.11	16.64	3.58	3.90	0.00	0.00	58.52	122.75								
	H13PR001	6.14	2.80	0.20	0.12	0.00	0.00	8.57	17.83								
	H13PR002	7.05	3.00	0.20	1.62	0.32	0.06	8.26	20.51								
	H13PR003	11.38	5.19	0.33	0.19	0.00	0.00	15.88	32.97								
	H13PR004	12.96	5.45	0.33	1.69	0.32	0.06	15.16	35.97								
	H13PR005	15.76	7.19	0.33	0.19	0.00	0.00	21.98	45.45								
	H13PR006	17.81	7.46	0.33	1.69	0.32	0.06	20.81	48.48								
	H13PR007	35.07	16.01	0.65	0.38	0.00	0.00	48.93	101.04								
	H13PR008	37.89	16.04	0.65	2.38	1.43	0.25	44.35	102.99								
	H13PR009	8.09	3.43	0.07	1.54	0.32	0.06	9.47	22.98								
	H13PR010	8.30	3.51	0.07	1.54	0.32	0.06	9.71	23.51								
	H13PR011	10.33	4.36	0.13	1.58	0.32	0.06	12.09	28.87								
	H13PR012	10.96	4.62	0.13	1.58	0.32	0.06	12.82	30.49								
	H13PR013	12.39	5.21	0.13	1.58	0.32	0.06	14.49	34.18								
	H13PR014	13.79	5.79	0.20	1.62	0.32	0.06	16.12	37.90								
	H13PR015	15.94	6.69	0.20	1.62	0.32	0.06	18.64	43.47								
	H13PR016	8.75	3.70	0.52	1.56	0.32	0.06	10.24	25.15								
	H13PR017	12.70	5.34	0.65	1.63	0.32	0.06	14.85	35.55								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H13	*cont.*																
	H13PR018	18.45	7.73	0.98	2.08	0.32	0.06	21.57	51.19								
	H13PR019	26.11	10.91	1.30	2.27	0.32	0.06	30.50	71.47								
	H13PR020	7.01	3.20	0.07	0.04	0.00	0.00	9.78	20.10								
	H13PR021	7.21	3.29	0.07	0.04	0.00	0.00	10.05	20.66								
	H13PR022	9.04	4.13	0.13	0.08	0.00	0.00	12.61	25.99								
	H13PR023	9.58	4.37	0.07	0.04	0.00	0.00	13.37	27.43								
	H13PR024	10.90	4.98	0.13	0.08	0.00	0.00	15.21	31.30								
	H13PR025	12.14	5.54	0.20	0.12	0.00	0.00	16.93	34.93								
	H13PR026	14.16	6.46	0.20	0.12	0.00	0.00	19.76	40.70								
	H13PR027	7.63	3.48	0.52	0.31	0.00	0.00	10.65	22.59								
	H13PR028	11.27	5.15	0.65	0.38	0.00	0.00	15.73	33.18								
	H13PR029	16.83	7.68	0.98	0.58	0.00	0.00	23.48	49.55								
	H13PR030	23.73	10.83	1.30	0.77	0.00	0.00	33.11	69.74								
	H13SH001	3.09	1.28	0.98	0.52	0.00	0.00	4.06	9.93								
	H13SH002	3.11	1.29	0.98	0.52	0.00	0.00	4.09	9.99								
	H13SH003	6.01	2.50	2.60	1.38	0.00	0.00	7.90	20.39								
	H13SH004	6.47	2.69	2.60	1.38	0.00	0.00	8.50	21.64								
	H13SH005	10.01	4.15	6.50	3.45	0.00	0.00	13.14	37.25								
	H13SH006	31.91	13.24	22.75	12.08	0.00	0.00	41.89	121.87								
	H13SH007	33.76	14.01	39.00	20.71	0.00	0.00	44.32	151.80								
H20																	
	H20BE001	1.18	0.49	0.00	0.10	0.00	0.00	1.47	3.24								
	H20BE002	1.57	0.65	0.00	0.20	0.00	0.00	1.94	4.36								
	H20BE003	2.01	0.83	0.00	0.30	0.00	0.00	2.49	5.63								
	H20BE004	3.59	1.49	0.00	0.40	0.00	0.00	4.46	9.94								
	H20SK001	8.61	3.57	2.88	0.82	0.00	0.00	10.68	26.56								
	H20SK002	11.65	4.82	2.88	0.82	0.00	0.00	14.45	34.62								
	H20SK003	17.99	7.45	3.74	1.06	0.00	0.00	22.31	52.55								
	H20SK004	21.31	8.82	4.32	1.22	0.00	0.00	26.42	62.09								
H25																	
	H25AK001	9.34	3.82	1.77	0.79	0.00	0.00	11.48	27.20	11.50	3.89	2.30	1.03	0.00	0.00	16.16	34.88

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H25	*cont.*																
	H25AK002	10.75	4.40	3.83	1.72	0.00	0.00	13.21	33.91	13.23	4.48	4.99	2.24	0.00	0.00	18.59	43.53
	H25AK003	15.00	6.85	4.38	1.96	0.00	0.00	19.76	47.95	18.75	6.97	5.71	2.56	0.00	0.00	27.77	61.76
	H25AK005	28.14	12.84	6.92	3.10	0.00	0.00	37.07	88.07	35.17	13.08	9.01	4.04	0.00	0.00	52.10	113.40
	H25BA001	14.86	6.08	2.24	1.00	0.00	0.00	18.26	42.44	18.29	6.19	2.92	1.31	0.00	0.00	25.70	54.41
	H25BA002	21.00	8.59	4.22	1.89	0.00	0.00	25.81	61.51	25.84	8.75	5.50	2.47	0.00	0.00	36.32	78.88
	H25BA003	21.74	9.92	6.20	2.78	0.00	0.00	28.65	69.29	27.18	10.11	8.08	3.62	0.00	0.00	40.26	89.25
	H258A004	26.46	12.08	8.13	3.65	0.00	0.00	34.86	85.18	33.08	12.30	10.60	4.75	0.00	0.00	48.99	109.72
	H25BA005	48.95	24.06	16.26	4.22	0.00	0.00	83.45	176.94	58.74	24.37	21.19	5.50	0.00	0.00	109.19	218.99
	H25CA001	9.78	4.00	1.87	0.84	0.00	0.00	12.02	28.51	12.04	4.07	2.44	1.09	0.00	0.00	16.92	36.56
	H25CA002	12.19	4.99	2.48	1.11	0.00	0.00	14.99	35.76	15.01	5.08	3.23	1.45	0.00	0.00	21.09	45.86
	H25CA003	14.33	5.87	2.90	1.30	0.00	0.00	17.62	42.02	17.64	5.97	3.78	1.70	0.00	0.00	24.79	53.88
	H25CA004	17.06	6.98	3.30	1.48	0.00	0.00	20.97	49.79	21.00	7.11	4.30	1.93	0.00	0.00	29.51	63.85
	H25CA005	16.56	7.56	3.70	1.66	0.00	0.00	21.82	51.30	20.70	7.70	4.82	2.16	0.00	0.00	30.67	66.05
	H25CA006	18.20	8.31	4.36	1.96	0.00	0.00	23.98	56.81	22.75	8.46	5.68	2.55	0.00	0.00	33.70	73.14
	H25CA007	33.93	15.49	6.60	2.96	0.00	0.00	44.70	103.68	42.41	15.77	8.60	3.86	0.00	0.00	62.82	133.46
	H25CA008	45.84	22.53	9.50	2.47	0.00	0.00	78.15	158.49	55.01	22.83	12.38	3.21	0.00	0.00	102.25	195.68
	H25CA009	6.57	2.69	1.43	0.64	0.00	0.00	8.07	19.40	8.08	2.74	1.86	0.83	0.00	0.00	11.36	24.87
	H25CA010	8.57	3.51	2.09	0.94	0.00	0.00	10.53	25.64	10.55	3.57	2.72	1.22	0.00	0.00	14.82	32.88
	H25CA011	9.36	3.83	2.22	1.00	0.00	0.00	11.51	27.92	11.52	3.90	2.89	1.30	0.00	0.00	16.19	35.80
	H25CA012	15.64	6.40	3.12	1.40	0.00	0.00	19.22	45.78	19.24	6.51	4.06	1.82	0.00	0.00	27.04	58.67
	H25CA013	16.38	6.71	3.12	1.40	0.00	0.00	20.14	47.75	20.17	6.83	4.06	1.82	0.00	0.00	28.34	61.22
	H25CA014	18.23	7.46	3.91	1.75	0.00	0.00	22.41	53.76	22.43	7.59	5.09	2.28	0.00	0.00	31.53	68.92
	H25CA015	18.59	7.61	3.91	1.75	0.00	0.00	22.86	54.72	22.88	7.75	5.09	2.28	0.00	0.00	32.16	70.16
	H25CA016	24.18	9.90	5.46	2.45	0.00	0.00	29.73	71.72	29.76	10.07	7.12	3.19	0.00	0.00	41.82	91.96
	H25CA017	25.17	10.30	5.46	2.45	0.00	0.00	30.94	74.32	30.98	10.49	7.12	3.19	0.00	0.00	43.54	95.32
	H25CA018	27.93	11.43	5.28	2.37	0.00	0.00	34.33	81.34	34.37	11.63	6.88	3.09	0.00	0.00	48.31	104.28
	H25CA019	28.63	11.72	5.28	2.37	0.00	0.00	35.20	83.20	35.24	11.93	6.88	3.09	0.00	0.00	49.52	106.66
	H25CS002	10.99	4.50	3.38	1.52	0.00	0.00	13.51	33.90	13.52	4.58	4.40	1.97	0.00	0.00	19.00	43.47
	H25DE003	3.55	0.93	0.00	2.00	0.00	0.00	5.17	11.65								
	H25DE004	5.47	1.43	0.00	2.50	0.00	0.00	7.97	17.37								
	H25FI004	11.22	4.59	2.14	0.96	0.00	0.00	13.80	32.71	13.81	4.68	2.79	1.25	0.00	0.00	19.41	41.94
	H25FI005	14.12	6.44	3.14	1.41	0.00	0.00	18.60	43.71	17.65	6.56	4.09	1.83	0.00	0.00	26.14	56.27

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H25	*cont.*																
	H25FI006	17.53	8.00	3.99	1.79	0.00	0.00	23.09	54.40	21.91	8.15	5.19	2.33	0.00	0.00	32.45	70.03
	H25FI007	32.62	14.89	7.39	3.31	0.00	0.00	42.98	101.19	40.78	15.17	9.63	4.32	0.00	0.00	60.40	130.30
	H25GA001	18.25	7.47	4.28	1.92	0.00	0.00	22.43	54.35	22.46	7.60	5.57	2.50	0.00	0.00	31.56	69.69
	H25GA002	21.88	8.96	4.28	1.92	0.00	0.00	26.89	63.93	26.93	9.11	5.57	2.50	0.00	0.00	37.84	81.95
	H25HI001	10.87	4.45	1.90	0.85	0.00	0.00	13.36	31.43	13.37	4.53	2.48	1.11	0.00	0.00	18.79	40.28
	H25HI002	14.96	6.12	2.85	1.28	0.00	0.00	18.39	43.60	18.41	6.23	3.72	1.67	0.00	0.00	25.87	55.90
	H25HI003	12.63	5.17	2.40	1.08	0.00	0.00	15.53	36.81	15.55	5.26	3.13	1.40	0.00	0.00	21.85	47.19
	H25HI005	17.01	6.96	3.14	1.41	0.00	0.00	20.91	49.43	20.94	7.09	4.09	1.83	0.00	0.00	29.42	63.37
	H25HI009	20.01	9.13	4.25	1.91	0.00	0.00	26.37	61.67	25.02	9.30	5.54	2.48	0.00	0.00	37.06	79.40
	H25HI010	20.75	9.47	4.25	1.91	0.00	0.00	27.34	63.72	25.94	9.65	5.54	2.48	0.00	0.00	38.42	82.03
	H25HI011	31.13	14.21	7.26	3.26	0.00	0.00	41.01	96.87	38.91	14.47	9.46	4.24	0.00	0.00	57.63	124.71
	H25HI012	32.41	14.79	7.26	3.26	0.00	0.00	42.70	100.42	40.51	15.07	9.46	4.24	0.00	0.00	60.01	129.29
	H25HI015	56.86	32.29	13.52	3.83	0.00	0.00	105.69	212.19	66.34	32.61	17.61	4.99	0.00	0.00	133.61	255.16
	H25HI017	3.26	1.33	0.66	0.30	0.00	0.00	4.01	9.56	4.01	1.36	0.86	0.39	0.00	0.00	5.64	12.26
	H25HI018	4.35	1.78	1.00	0.45	0.00	0.00	5.35	12.93	5.35	1.81	1.31	0.59	0.00	0.00	7.52	16.58
	H25HI019	46.93	23.07	10.93	2.84	0.00	0.00	80.00	163.77	56.31	23.37	14.24	3.70	0.00	0.00	104.68	202.30
	H25HI020	89.34	50.74	22.70	6.43	0.00	0.00	166.07	335.28	104.23	51.23	29.58	8.38	0.00	0.00	209.94	403.36
	H25HI021	165.02	93.71	43.14	12.22	0.00	0.00	306.75	620.84	192.53	94.63	56.21	15.92	0.00	0.00	387.77	747.06
	H25HU001	8.57	3.51	2.90	1.30	0.00	0.00	10.53	26.81	10.55	3.57	3.78	1.70	0.00	0.00	14.82	34.42
	H25HU002	9.86	4.50	3.67	1.65	0.00	0.00	12.99	32.67	12.32	4.58	4.78	2.14	0.00	0.00	18.25	42.07
	H25HU003	14.01	6.39	5.15	2.31	0.00	0.00	18.46	46.32	17.51	6.51	6.71	3.01	0.00	0.00	25.94	59.68
	H25HU004	15.66	7.15	6.28	2.82	0.00	0.00	20.63	52.54	19.57	7.28	8.19	3.67	0.00	0.00	28.99	67.70
	H25HU005	20.44	10.05	7.29	1.89	0.00	0.00	34.84	74.51	24.53	10.18	9.49	2.46	0.00	0.00	45.59	92.25
	H25HU006	11.10	5.07	3.22	1.44	0.00	0.00	14.63	35.46	13.88	5.16	4.20	1.88	0.00	0.00	20.56	45.68
	H25HU007	12.98	6.38	4.30	1.12	0.00	0.00	22.13	46.91	15.58	6.46	5.61	1.46	0.00	0.00	28.96	58.07
	H25HU008	14.87	7.31	5.39	1.40	0.00	0.00	25.34	54.31	17.84	7.40	7.02	1.82	0.00	0.00	33.16	67.24
	H25IS001	13.03	5.33	3.56	1.60	0.00	0.00	16.02	39.54	16.04	5.43	4.64	2.08	0.00	0.00	22.54	50.73
	H25IS002	15.61	6.39	4.44	1.99	0.00	0.00	19.19	47.62	19.21	6.50	5.78	2.59	0.00	0.00	27.00	61.08
	H25IS003	15.65	7.14	4.99	2.24	0.00	0.00	20.62	50.64	19.57	7.28	6.50	2.91	0.00	0.00	28.98	65.24
	H25IS004	24.21	11.05	6.68	3.00	0.00	0.00	31.90	76.84	30.26	11.25	8.70	3.90	0.00	0.00	44.83	98.94
	H25IS005	29.36	13.40	8.32	3.73	0.00	0.00	38.69	93.50	36.70	13.65	10.84	4.86	0.00	0.00	54.37	120.42
	H25IS006	36.44	17.91	12.33	3.20	0.00	0.00	62.12	132.00	43.73	18.14	16.06	4.17	0.00	0.00	81.28	163.38

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H25	*cont.*																
	H25JD001	2.63	1.08	0.40	0.18	0.00	0.00	3.23	7.52	3.24	1.10	0.52	0.23	0.00	0.00	4.55	9.64
	H25JD002	3.87	1.59	0.61	0.27	0.00	0.00	4.76	11.10	4.77	1.61	0.79	0.35	0.00	0.00	6.70	14.22
	H25JD003	5.05	2.07	1.03	0.46	0.00	0.00	6.20	14.81	6.21	2.10	1.34	0.60	0.00	0.00	8.73	18.98
	H25JD004	7.80	3.19	1.45	0.65	0.00	0.00	9.59	22.68	9.60	3.25	1.89	0.85	0.00	0.00	13.49	29.08
	H25JD005	10.37	4.25	1.98	0.89	0.00	0.00	12.75	30.24	12.77	4.32	2.58	1.16	0.00	0.00	17.94	38.77
	H25JD006	11.06	4.53	2.51	1.13	0.00	0.00	13.59	32.82	13.61	4.61	3.27	1.47	0.00	0.00	19.12	42.08
	H25JD007	13.89	5.69	3.30	1.48	0.00	0.00	17.08	41.44	17.10	5.79	4.30	1.93	0.00	0.00	24.03	53.15
	H25JD008	18.24	7.47	4.09	1.83	0.00	0.00	22.42	54.05	22.45	7.60	5.33	2.39	0.00	0.00	31.55	69.32
	H25JD010	18.71	8.54	5.15	2.31	0.00	0.00	24.65	59.36	23.39	8.70	6.71	3.01	0.00	0.00	34.64	76.45
	H25JD011	28.65	13.08	6.86	3.08	0.00	0.00	37.75	89.42	35.82	13.32	8.94	4.01	0.00	0.00	53.05	115.14
	H25KC001	0.89	0.37	0.27	0.12	0.00	0.00	1.10	2.75	1.10	0.37	0.36	0.16	0.00	0.00	1.54	3.53
	H25KC002	2.00	0.82	0.21	0.09	0.00	0.00	2.46	5.58	2.46	0.83	0.28	0.13	0.00	0.00	3.46	7.16
	H25KC003	2.79	1.14	0.42	0.19	0.00	0.00	3.42	7.96	3.43	1.16	0.55	0.25	0.00	0.00	4.82	10.21
	H25KC004	3.79	1.55	0.55	0.25	0.00	0.00	4.66	10.80	4.67	1.58	0.72	0.32	0.00	0.00	6.56	13.85
	H25KC005	4.32	1.77	0.71	0.32	0.00	0.00	5.31	12.43	5.31	1.80	0.93	0.42	0.00	0.00	7.47	15.93
	H25KC006	7.15	2.92	1.45	0.65	0.00	0.00	8.78	20.95	8.79	2.98	1.89	0.85	0.00	0.00	12.36	26.87
	H25KC007	10.57	4.33	2.22	1.00	0.00	0.00	12.99	31.11	13.01	4.40	2.89	1.30	0.00	0.00	18.28	39.88
	H25KC008	12.12	4.96	2.64	1.18	0.00	0.00	14.90	35.80	14.92	5.05	3.44	1.54	0.00	0.00	20.96	45.91
	H25KC009	13.57	6.19	3.51	1.57	0.00	0.00	17.87	42.71	16.96	6.31	4.58	2.05	0.00	0.00	25.12	55.02
	H25KC010	16.19	7.39	4.30	1.93	0.00	0.00	21.32	51.13	20.23	7.52	5.61	2.52	0.00	0.00	29.97	65.85
	H25KC011	22.32	10.19	6.07	2.72	0.00	0.00	29.41	70.71	27.91	10.38	7.91	3.55	0.00	0.00	41.34	91.09
	H25KC012	29.75	13.58	7.92	3.55	0.00	0.00	39.20	94.00	37.19	13.83	10.32	4.63	0.00	0.00	55.08	121.05
	H25KC013	35.06	17.23	7.92	2.06	0.00	0.00	59.77	122.04	42.07	17.46	10.32	2.68	0.00	0.00	78.21	150.74
	H25KM007	63.97	31.44	14.31	3.71	0.00	0.00	109.04	222.47	76.76	31.85	18.64	4.84	0.00	0.00	142.68	274.77
	H25KM008	53.27	30.25	14.31	4.05	0.00	0.00	99.01	200.89	62.15	30.55	18.64	5.28	0.00	0.00	125.17	241.79
	H25KO001	7.48	3.06	1.35	0.61	0.00	0.00	9.20	21.70	9.21	3.12	1.75	0.78	0.00	0.00	12.94	27.80
	H25KO002	9.23	3.78	2.30	1.03	0.00	0.00	11.35	27.69	11.36	3.85	2.99	1.34	0.00	0.00	15.97	35.51
	H25KO003	12.19	5.56	3.33	1.49	0.00	0.00	16.06	38.63	15.24	5.67	4.33	1.94	0.00	0.00	22.57	49.75
	H25KO004	15.05	6.87	4.22	1.89	0.00	0.00	19.83	47.86	18.81	7.00	5.50	2.47	0.00	0.00	27.86	61.64
	H25KO005	18.89	8.62	5.99	2.69	0.00	0.00	24.88	61.07	23.61	8.78	7.81	3.50	0.00	0.00	34.97	78.67
	H25KO006	27.93	12.75	7.63	3.42	0.00	0.00	36.79	88.52	34.91	12.98	9.94	4.46	0.00	0.00	51.71	114.00
	H25KO007	47.81	23.50	11.09	2.88	0.00	0.00	81.50	166.78	57.37	23.81	14.45	3.75	0.00	0.00	106.64	206.02

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H25	*cont.*																
	H25KU001	2.63	1.08	0.58	0.26	0.00	0.00	3.23	7.78	3.23	1.09	0.76	0.34	0.00	0.00	4.55	9.97
	H25KU002	3.53	1.45	0.84	0.38	0.00	0.00	4.34	10.54	4.35	1.47	1.10	0.49	0.00	0.00	6.11	13.52
	H25KU003	4.04	1.65	0.98	0.44	0.00	0.00	4.97	12.08	4.97	1.68	1.27	0.57	0.00	0.00	6.99	15.48
	H25KU004	5.59	2.29	1.14	0.51	0.00	0.00	6.87	16.40	6.87	2.33	1.48	0.66	0.00	0.00	9.66	21.00
	H25KU005	4.92	2.01	1.16	0.52	0.00	0.00	6.04	14.65	6.05	2.05	1.51	0.68	0.00	0.00	8.50	18.79
	H25KU006	9.03	3.70	2.40	1.08	0.00	0.00	11.10	27.31	11.12	3.76	3.13	1.40	0.00	0.00	15.62	35.03
	H25KU007	10.38	4.25	2.69	1.21	0.00	0.00	12.76	31.29	12.77	4.32	3.51	1.57	0.00	0.00	17.95	40.12
	H25KU008	10.46	4.77	3.51	1.57	0.00	0.00	13.77	34.08	13.07	4.86	4.58	2.05	0.00	0.00	19.36	43.92
	H25KU009	13.76	6.28	4.67	2.09	0.00	0.00	18.13	44.93	17.20	6.40	6.09	2.73	0.00	0.00	25.48	57.90
	H25KU010	16.24	7.41	6.52	2.92	0.00	0.00	21.40	54.49	20.31	7.55	8.50	3.81	0.00	0.00	30.08	70.25
	H25KU011	23.03	11.32	7.81	2.03	0.00	0.00	39.26	83.45	27.64	11.47	10.18	2.64	0.00	0.00	51.38	103.31
	H25LB001	8.70	3.56	1.53	0.69	0.00	0.00	10.69	25.17	10.70	3.62	2.00	0.90	0.00	0.00	15.04	32.26
	H25LB002	10.93	4.47	2.30	1.03	0.00	0.00	13.44	32.17	13.45	4.55	2.99	1.34	0.00	0.00	18.91	41.24
	H25LB003	12.42	5.08	2.64	1.18	0.00	0.00	15.27	36.59	15.29	5.17	3.44	1.54	0.00	0.00	21.48	46.92
	H25LB004	12.11	5.53	3.30	1.48	0.00	0.00	15.96	38.38	15.14	5.63	4.30	1.93	0.00	0.00	22.43	49.43
	H25LB005	16.32	7.45	4.04	1.81	0.00	0.00	21.50	51.12	20.40	7.59	5.26	2.36	0.00	0.00	30.21	65.82
	H25LB006	20.17	9.21	5.65	2.53	0.00	0.00	26.58	64.14	25.22	9.38	7.36	3.30	0.00	0.00	37.35	82.61
	H25LB007	26.69	13.12	7.39	1.92	0.00	0.00	45.49	94.61	32.02	13.29	9.63	2.50	0.00	0.00	59.52	116.96
	H25LB008	0.94	0.25	0.00	0.10	0.00	0.00	1.37	2.66								
	H25LB009	1.32	0.34	0.00	0.10	0.00	0.00	1.92	3.68								
	H25LU001	2.92	0.76	0.00	0.40	0.00	0.00	3.83	7.91								
	H25LU002	3.37	0.88	0.00	0.50	0.00	0.00	4.42	9.17								
	H25LU003	5.21	1.36	0.00	0.80	0.00	0.00	6.84	14.21								
	H25LU004	6.03	1.58	0.00	0.90	0.00	0.00	7.91	16.42								
	H25LU005	7.61	1.99	0.00	1.10	0.00	0.00	9.99	20.69								
	H25LU006	10.12	2.65	0.00	1.50	0.00	0.00	13.28	27.55								
	H25LU007	8.37	2.19	0.00	1.40	0.00	0.00	10.99	22.95								
	H25LU008	11.01	2.88	0.00	1.60	0.00	0.00	14.45	29.94								
	H25LU009	12.08	3.16	0.00	1.70	0.00	0.00	15.86	32.80								
	H25LU010	14.55	3.81	0.00	2.00	0.00	0.00	19.10	39.46								
	H25LU011	14.49	3.79	0.00	2.00	0.00	0.00	19.03	39.31								
	H25LU012	17.78	4.65	0.00	2.50	0.00	0.00	23.34	48.27								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H25	*cont.*																
	H25LU013	18.41	4.82	0.00	2.60	0.00	0.00	24.17	50.00								
	H25LU014	21.57	5.65	0.00	3.00	0.00	0.00	28.32	58.54								
	H25LU015	21.21	5.55	0.00	3.00	0.00	0.00	27.85	57.61								
	H25LU016	25.56	6.69	0.00	3.60	0.00	0.00	33.56	69.41								
	H25LU017	8.26	2.16	0.00	1.20	0.00	0.00	10.84	22.46								
	H25LU018	10.05	2.63	0.00	1.40	0.00	0.00	13.20	27.28								
	H25LU019	11.93	3.12	0.00	1.65	0.00	0.00	15.66	32.36								
	H25LU020	13.72	3.59	0.00	2.00	0.00	0.00	18.02	37.33								
	H25LU021	9.42	2.47	0.00	1.30	0.00	0.00	12.37	25.56								
	H25LU022	0.74	0.21	0.00	0.20	0.00	0.00	0.91	2.06								
	H25LU023	1.41	0.40	0.00	0.25	0.00	0.00	1.75	3.81								
	H25LU024	2.06	0.59	0.00	0.30	0.00	0.00	2.55	5.50								
	H25LU025	2.55	0.73	0.00	0.40	0.00	0.00	3.16	6.84								
	H25LU026	2.93	0.84	0.00	0.50	0.00	0.00	3.63	7.90								
	H25LU027	3.29	0.94	0.00	0.60	0.00	0.00	4.08	8.91								
	H25LU028	4.24	1.22	0.00	0.70	0.00	0.00	5.25	11.41								
	H25LU029	2.55	0.73	0.00	0.40	0.00	0.00	3.16	6.84								
	H25LU030	4.23	1.21	0.00	0.60	0.00	0.00	5.25	11.29								
	H25LU031	8.02	2.30	0.00	1.20	0.00	0.00	9.94	21.46								
	H25LU032	9.73	2.79	0.00	1.40	0.00	0.00	12.06	25.98								
	H25LU033	3.89	1.12	0.00	0.60	0.00	0.00	4.83	10.44								
	H25LU034	5.48	1.57	0.00	0.80	0.00	0.00	6.80	14.65								
	H25LU035	5.90	1.69	0.00	0.90	0.00	0.00	7.31	15.80								
	H25LU036	6.30	1.81	0.00	1.00	0.00	0.00	7.81	16.92								
	H25LU037	5.35	1.54	0.00	0.00	0.00	0.00	6.64	13.53								
	H25LU038	2.28	0.60	0.00	0.40	0.00	0.00	3.33	6.61								
	H25LU039	3.65	0.96	0.00	0.50	0.00	0.00	5.33	10.44								
	H25LU040	8.45	2.21	0.00	1.20	0.00	0.00	12.33	24.19								
	H25LU041	11.19	2.93	0.00	1.60	0.00	0.00	16.32	32.04								
	H25LU042	15.56	4.07	0.00	2.20	0.00	0.00	22.71	44.54								
	H25LU043	2.33	0.61	0.00	0.35	0.00	0.00	3.39	6.68								
	H25LU044	2.87	0.75	0.00	0.40	0.00	0.00	4.19	8.21								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H25	*cont.*																
	H25LU045	3.27	0.86	0.00	0.50	0.00	0.00	4.78	9.41								
	H25LU046	3.68	0.96	0.00	0.50	0.00	0.00	5.37	10.51								
	H25LU047	4.33	1.13	0.00	0.60	0.00	0.00	6.32	12.38								
	H25LU048	4.71	1.23	0.00	0.70	0.00	0.00	6.87	13.51								
	H25LU049	5.82	1.52	0.00	0.80	0.00	0.00	8.49	16.63								
	H25LU050	6.45	1.69	0.00	0.90	0.00	0.00	9.41	18.45								
	H25LU051	7.90	2.07	0.00	1.00	0.00	0.00	11.53	22.50								
	H25LU052	10.72	2.81	0.00	1.10	0.00	0.00	15.64	30.27								
	H25MD001	10.47	4.29	2.22	1.00	0.00	0.00	12.87	30.85	12.89	4.36	2.89	1.30	0.00	0.00	18.11	39.55
	H25MD002	15.47	6.33	3.25	1.46	0.00	0.00	19.02	45.53	19.04	6.45	4.23	1.90	0.00	0.00	26.76	58.38
	H25MD003	16.14	7.36	4.04	1.81	0.00	0.00	21.26	50.61	20.17	7.50	5.26	2.36	0.00	0.00	29.88	65.17
	H25MD004	19.17	8.75	4.86	2.18	0.00	0.00	25.25	60.21	23.96	8.91	6.33	2.84	0.00	0.00	35.49	77.53
	H25MD005	19.19	8.76	5.99	2.69	0.00	0.00	25.28	61.91	23.99	8.92	7.81	3.50	0.00	0.00	35.53	79.75
	H25MD006	27.86	12.72	6.52	2.92	0.00	0.00	36.70	86.72	34.82	12.95	8.50	3.81	0.00	0.00	51.58	111.66
	H25MD007	27.68	12.63	7.55	3.39	0.00	0.00	36.46	87.71	34.59	12.87	9.84	4.41	0.00	0.00	51.24	112.95
	H25OK001	37.15	21.09	10.56	2.99	0.00	0.00	69.05	140.84	43.34	21.30	13.76	3.90	0.00	0.00	87.29	169.59
	H25SS001	10.75	4.40	0.00	0.00	0.00	0.00	13.22	28.37	13.24	4.48	0.00	0.00	0.00	0.00	18.60	36.32
	H25SS002	12.80	5.84	0.00	0.00	0.00	0.00	16.87	35.51	16.00	5.95	0.00	0.00	0.00	0.00	23.71	45.66
	H25SS003	17.15	7.83	4.75	2.13	0.00	0.00	22.60	54.46	21.44	7.97	6.19	2.78	0.00	0.00	31.76	70.14
	H25SS004	21.77	9.93	6.60	2.96	0.00	0.00	28.68	69.94	27.21	10.12	8.60	3.86	0.00	0.00	40.30	90.09
	H25TK001	1.78	0.73	0.21	0.09	0.00	0.00	2.19	5.00	2.19	0.74	0.28	0.13	0.00	0.00	3.08	6.42
	H25TK002	2.46	1.01	0.42	0.19	0.00	0.00	3.02	7.10	3.03	1.02	0.55	0.25	0.00	0.00	4.26	9.11
	H25TK003	2.85	1.17	0.55	0.25	0.00	0.00	3.50	8.32	3.51	1.19	0.72	0.32	0.00	0.00	4.93	10.67
	H25TK004	3.20	1.31	0.69	0.31	0.00	0.00	3.94	9.45	3.94	1.33	0.89	0.40	0.00	0.00	5.54	12.10
	H25TK005	3.68	1.51	0.87	0.39	0.00	0.00	4.52	10.97	4.53	1.53	1.14	0.51	0.00	0.00	6.36	14.07
	H25TK006	5.19	2.13	1.14	0.51	0.00	0.00	6.38	15.35	6.39	2.16	1.48	0.66	0.00	0.00	8.98	19.67
	H25TK007	7.16	2.93	1.48	0.66	0.00	0.00	8.80	21.03	8.81	2.98	1.93	0.87	0.00	0.00	12.38	26.97
H30																	
	H30AK001	16.87	6.34	4.18	1.78	0.28	0.05	13.90	43.40	20.76	6.46	5.45	2.32	0.36	0.06	18.83	54.24
	H30AK002	17.26	7.24	4.78	2.03	0.37	0.07	16.07	47.82	21.58	7 38	6.24	2.65	0.47	0.08	21.77	60.17
	H30BA001	16.42	6.33	3.95	1.68	0.94	0.17	13.61	43.10	20.21	6.45	4.95	2.10	1.15	0.20	18.42	53.48

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
H30	*cont.*																
	H30BA002	26.06	9.79	6.40	2.71	0.41	0.07	21.48	66.92	32.08	9.98	8.10	3.44	0.51	0.09	29.09	83.29
	H30CA001	10.88	4.19	2.04	0.87	0.60	0.11	9.01	27.70	13.39	4.27	2.67	1.13	0.72	0.13	12.20	34.51
	H30CA002	13.67	5.23	2.71	1.15	0.60	0.11	11.31	34.78	16.82	5.33	3.53	1.50	0.72	0.13	15.31	43.34
	H30CA003	15.93	6.07	3.17	1.35	0.60	0.11	13.17	40.40	19.61	6.19	4.14	1.76	0.72	0.13	17.83	50.38
	H30CA004	17.42	7.36	3.89	1.65	0.60	0.11	16.23	47.26	21.77	7.50	5.08	2.16	0.72	0.13	21.99	59.35
	H30GA002	21.46	8.14	6.68	2.84	0.69	0.12	17.72	57.65	26.41	8.30	8.50	3.61	0.86	0.15	24.00	71.83
	H30GA003	13.85	5.26	4.12	1.75	0.45	0.08	11.44	36.95	17.04	5.36	5.38	2.29	0.56	0.10	15.49	46.22
	H30GA004	15.27	5.81	4.12	1.75	0.53	0.09	12.62	40.19	18.79	5.92	5.38	2.29	0.64	0.11	17.08	50.21
	H30GA005	25.14	9.51	6.36	2.70	0.69	0.12	20.75	65.27	30.94	9.70	8.06	3.43	0.86	0.15	28.10	81.24
	H30HU001	11.14	4.74	4.15	1.76	0.54	0.10	10.40	32.83	13.93	4.83	5.41	2.30	0.67	0.12	14.08	41.34
	H30HU002	12.79	5.47	3.02	1.28	0.72	0.13	11.94	35.35	15.99	5.57	3.95	1.68	0.87	0.15	16.18	44.39
	H30KU001	11.09	4.76	4.15	1.76	0.72	0.13	10.36	32.97	13.86	4.85	5.41	2.30	0.87	0.15	14.03	41.47
H35																	
	H35HI001	46.40	29.91	13.52	3.83	0.00	0.00	86.24	179.90	53.03	30.11	17.61	4.99	0.00	0.00	106.80	212.54
	H35HI002	84.01	54.16	24.29	6.88	0.00	0.00	156.15	325.49	96.01	54.52	31.65	8.96	0.00	0.00	193.37	384.51
	H35HI003	172.29	111.08	43.82	12.41	0.00	0.00	320.26	659.86	196.90	111.82	57.10	16.17	0.00	0.00	396.59	778.58
	H35HI004	45.21	25.67	10.93	2.84	0.00	0.00	70.05	154.70	52.75	25.93	14.24	3.70	0.00	0.00	89.92	186.54
	H35OK001	42.23	27.22	13.09	3.71	0.00	0.00	78.49	164.74	48.26	27.40	17.06	4.83	0.00	0.00	97.20	194.75
	H35OK002	54.46	35.11	14.97	4.24	0.00	0.00	101.22	210.00	62.23	35.34	19.50	5.52	0.00	0.00	125.35	247.94
	H35OK003	78.26	50.46	22.60	6.40	0.00	0.00	145.48	303.20	89.45	50.79	29.45	8.34	0.00	0.00	180.15	358.18
	H35OK004	123.70	79.75	30.36	8.60	0.00	0.00	229.93	472.34	141.37	80.28	39.56	11.20	0.00	0.00	284.74	557.15
	H35OK005	242.50	156.35	54.38	15.40	0.00	0.00	450.76	919.39	277.14	157.38	70.86	20.07	0.00	0.00	558.19	1,083.64
L10																	
	L10BS001	2.36	0.88	0.00	0.40	0.00	0.00	3.49	7.13	2.91	0.90	0.00	0.40	0.00	0.00	4.78	8.99
	L10BS002	2.03	0.75	0.00	0.30	0.00	0.00	2.99	6.07	2.49	0.77	0.00	0.30	0.00	0.00	4.09	7.65
	L10BS003	2.81	1.04	0.00	0.30	0.00	0.00	4.15	8.30	3.45	1.06	0.00	0.30	0.00	0.00	5.67	10.48
	L10BS004	0.92	0.34	0.00	0.25	0.00	0.00	1.36	2.87	1.14	0.35	0.00	0.25	0.00	0.00	1.86	3.60
	L10BS005	1.94	0.72	0.00	0.30	0.00	0.00	2.87	5.83	2.39	0.74	0.00	0.30	0.00	0.00	3.92	7.35
	L10BS006	3.31	1.23	0.00	0.40	0.00	0.00	4.89	9.83	4.07	1.25	0.00	0.40	0.00	0.00	6.68	12.40
	L10BS007	3.45	1.28	0.00	0.50	0.00	0.00	5.10	10.33	4.25	1.31	0.00	0.50	0.00	0.00	6.97	13.03
	L10BU001	0.52	0.19	0.00	0.80	0.00	0.00	0.77	2.28	0.64	0.20	0.00	0.80	0.00	0.00	1.05	2.69

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
L10	*cont.*																
	L10BU002	0.94	0.35	0.00	1.50	0.00	0.00	1.39	4.18	1.16	0.36	0.00	1.50	0.00	0.00	1.90	4.92
	L10BU003	1.27	0.47	0.00	2.00	0.00	0.00	1.87	5.61	1.56	0.48	0.00	2.00	0.00	0.00	2.56	6.60
	L10BU004	1.59	0.59	0.00	2.50	0.00	0.00	2.34	7.02	1.95	0.60	0.00	2.50	0.00	0.00	3.20	8.25
	L10BU005	0.64	0.24	0.00	1.10	0.00	0.00	0.95	2.93	0.79	0.24	0.00	1.10	0.00	0.00	1.30	3.43
	L10BU006	0.22	0.08	0.00	0.70	0.00	0.00	0.33	1.33	0.27	0.08	0.00	0.70	0.00	0.00	0.45	1.50
	L10BU007	0.24	0.09	0.00	0.80	0.00	0.00	0.35	1.48	0.29	0.09	0.00	0.80	0.00	0.00	0.48	1.66
	L10BU008	0.26	0.10	0.00	0.80	0.00	0.00	0.38	1.54	0.32	0.10	0.00	0.80	0.00	0.00	0.52	1.74
	L10BU009	0.32	0.12	0.00	0.90	0.00	0.00	0.47	1.81	0.39	0.12	0.00	0.90	0.00	0.00	0.64	2.05
	L10VE001	0.67	0.26	1.48	0.52	0.02	0.00	1.00	3.95	0.83	0.26	1.94	0.69	0.03	0.01	1.37	5.13
	L10VE002	1.03	0.39	2.66	0.94	0.01	0.00	1.53	6.56	1.27	0.40	3.47	1.23	0.02	0.00	2.09	8.48
	L10VE003	1.98	0.74	4.84	1.71	0.03	0.01	2.93	12.24	2.43	0.76	6.33	2.24	0.04	0.01	4.00	15.81
	L10VE004	2.99	1.12	4.84	1.71	0.03	0.01	4.43	15.13	3.69	1.14	6.33	2.24	0.04	0.01	6.06	19.51
	L10VE005	1.33	0.50	1.02	0.36	0.03	0.01	1.98	5.23	1.64	0.51	1.33	0.47	0.04	0.01	2.70	6.70
	L10VE006	1.83	0.69	1.02	0.36	0.03	0.01	2.71	6.65	2.25	0.70	1.33	0.47	0.04	0.01	3.70	8.50
	L10VE007	1.85	0.69	0.00	1.50	0.00	0.00	2.73	6.77	2.27	0.70	0.00	1.50	0.00	0.00	3.73	8.20
	L10VE008	6.19	2.30	0.00	3.00	0.00	0.00	9.14	20.63	7.62	2.35	0.00	3.00	0.00	0.00	12.50	25.47
	L10XX001	0.54	0.20	1.41	0.50	0.00	0.00	0.80	3.45	0.67	0.21	1.84	0.65	0.00	0.00	1.10	4.47
L15																	
	L15EX001	2.91	0.55	2.41	0.68	0.05	0.01	2.98	9.59								
	L15EX002	3.27	0.61	0.79	0.22	0.05	0.01	3.34	8.29								
	L15EX003	3.85	0.72	0.83	0.24	0.05	0.01	3.94	9.64								
	L15EX004	3.63	0.68	1.01	0.29	0.05	0.01	3.72	9.39								
	L15EX005	3.35	0.63	3.56	1.01	0.05	0.01	3.43	12.04								
	L15EX006	3.53	0.66	4.50	1.27	0.05	0.01	3.62	13.64								
	L15EX007	4.16	0.78	4.50	1.27	0.05	0.01	4.25	15.02								
	L15EX008	6.28	1.18	1.04	0.29	0.11	0.02	6.43	15.35								
	L15EX009	4.08	0.76	4.50	1.27	0.05	0.01	4.17	14.84								
	L15TO001	0.17	0.03	0.52	0.15	0.00	0.00	0.17	1.04								
	L15TO002	0.38	0.08	0.84	0.24	0.04	0.01	0.39	1.98								
	L15TO003	1.01	0.19	1.78	0.50	0.04	0.01	1.03	4.56								
	L15TO004	1.36	0.26	1.78	0.50	0.04	0.01	1.40	5.35								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
L15	*cont.*																
	L15TO005	3.36	0.63	0.76	0.22	0.05	0.01	3.44	8.47								
	L15TO006	3.18	0.60	2.09	0.59	0.05	0.01	3.26	9.78								
	L15TO007	3.29	0.62	2.09	0.59	0.05	0.01	3.37	10.02								
	L15TO008	3.48	0.65	0.76	0.22	0.05	0.01	3.56	8.73								
L20																	
	L20AB001	1.57	0.66	0.56	0.16	0.07	0.01	3.91	6.94								
	L20AB002	1.45	0.61	0.56	0.16	0.07	0.01	3.61	6.47								
	L20A8003	0.96	0.41	0.19	0.05	0.07	0.01	2.40	4.09								
	L20AB004	0.81	0.35	0.19	0.05	0.07	0.01	2.03	3.51								
	L20AB005	1.14	0.48	0.38	0.11	0.07	0.01	2.85	5.04								
	L20A8006	0.43	0.19	0.55	0.16	0.07	0.01	1.09	2.50								
	L20AB007	0.53	0.23	0.19	0.05	0.07	0.01	1.34	2.42								
	L20A8008	0.47	0.21	0.55	0.16	0.07	0.01	1.20	2.67								
	L20AB009	0.50	0.22	0.19	0.05	0.07	0.01	1.27	2.31								
	L20A8010	0.52	0.23	0.43	0.20	0.07	0.01	1.31	2.77								
	L20AB011	0.49	0.22	0.43	0.20	0.07	0.01	1.24	2.66								
	L20AI001	0.36	0.15	0.44	0.12	0.02	0.00	0.91	2.00								
	L20AI002	1.43	0.59	0.41	0.12	0.03	0.01	3.55	6.14								
	L20AI003	1.64	0.68	0.60	0.17	0.03	0.01	4.09	7.22								
	L20AI004	2.15	0.89	1.77	0.50	0.03	0.01	5.34	10.69								
L25																	
	L25MB001	0.21	0.09	0.44	0.87	0.00	0.00	0.42	2.03								
	L25M8002	0.29	0.12	0.55	1.16	0.00	0.00	0.57	2.69								
	L25MB003	0.94	0.39	1.11	1.56	0.00	0.00	1.87	5.87								
	L25MB004	8.65	3.57	21.07	7.47	0.18	0.03	17.19	58.16								
	L25M8005	0.40	0.16	1.11	1.31	0.00	0.00	0.79	3.77								
	L25MB006	4.43	1.81	6.65	3.13	0.00	0.00	8.78	24.80								
L30																	
	L30KL001	2.11	1.07	0.29	0.10	0.50	0.09	3.34	7.50	2.63	1.09	0.38	0.13	0.63	0.11	4.59	9.56
	L30KL002	0.70	0.32	0.14	0.05	0.00	0.00	1.08	2.29	0.87	0.32	0.19	0.06	0.00	0.00	1.49	2.93
	L30KL003	0.89	0.41	0.09	0.03	0.00	0.00	1.38	2.80	1.11	0.41	0.11	0.04	0.00	0.00	1.90	3.57

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 2

		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
L30	*cont.*																
	L30KL004	0.14	0.06	0.00	0.00	0.00	0.00	0.22	0.42	0.17	0.06	0.00	0.00	0.00	0.00	0.30	0.53
	L30KL005	0.71	0.33	0.00	0.00	0.00	0.00	1.10	2.14	0.89	0.33	0.00	0.00	0.00	0.00	1.52	2.74
	L30KL006	0.54	0.25	0.09	0.03	0.00	0.00	0.83	1.74	0.67	0.25	0.11	0.04	0.00	0.00	1.14	2.21
	L30KL007	0.73	0.33	0.14	0.05	0.00	0.00	1.13	2.38	0.91	0.34	0.19	0.06	0.00	0.00	1.55	3.05
	L30KL008	1.03	0.47	0.14	0.05	0.00	0.00	1.59	3.28	1.28	0.48	0.19	0.06	0.00	0.00	2.19	4.20
	L30KL009	0.11	0.05	0.00	0.00	0.00	0.00	0.17	0.33	0.13	0.05	0.00	0.00	0.00	0.00	0.23	0.41
	L30KL010	2.21	1.13	0.58	0.19	0.56	0.10	3.51	8.28	2.77	1.15	0.75	0.25	0.72	0.13	4.83	10.60
	L30KL011	0.82	0.37	0.23	0.08	0.00	0.00	1.27	2.77	1.03	0.38	0.30	0.10	0.00	0.00	1.75	3.56
	L30KL012	0.99	0.45	0.14	0.05	0.00	0.00	1.53	3.16	1.23	0.46	0.19	0.06	0.00	0.00	2.10	4.04
	L30KL013	0.14	0.06	0.00	0.00	0.00	0.00	0.22	0.42	0.17	0.06	0.00	0.00	0.00	0.00	0.30	0.53
	L30KL014	0.71	0.33	0.00	0.00	0.00	0.00	1.10	2.14	0.89	0.33	0.00	0.00	0.00	0.00	1.52	2.74
	L30KL015	0.65	0.30	0.09	0.03	0.00	0.00	1.01	2.08	0.82	0.30	0.11	0.04	0.00	0.00	1.39	2.66
	L30KL016	0.90	0.41	0.14	0.05	0.00	0.00	1.39	2.89	1.12	0.42	0.19	0.06	0.00	0.00	1.91	3.70
	L30KL017	1.21	0.55	0.23	0.08	0.00	0.00	1.87	3.94	1.51	0.56	0.30	0.10	0.00	0.00	2.58	5.05
	L30KL018	0.11	0.05	0.00	0.00	0.00	0.00	0.17	0.33	0.13	0.05	0.00	0.00	0.00	0.00	0.23	0.41
	L30KL019	2.67	1.36	0.86	0.28	0.69	0.12	4.23	10.21	3.34	1.39	1.13	0.37	0.91	0.16	5.82	13.12
	L30KL020	0.87	0.40	0.26	0.09	0.00	0.00	1.35	2.97	1.08	0.40	0.34	0.11	0.00	0.00	1.85	3.78
	L30KL021	1.07	0.49	0.20	0.07	0.00	0.00	1.66	3.49	1.33	0.50	0.26	0.09	0.00	0.00	2.28	4.46
	L30KL022	0.14	0.06	0.00	0.00	0.00	0.00	0.22	0.42	0.17	0.06	0.00	0.00	0.00	0.00	0.30	0.53
	L30KL023	0.71	0.33	0.00	0.00	0.00	0.00	1.10	2.14	0.89	0.33	0.00	0.00	0.00	0.00	1.52	2.74
	L30KL024	0.74	0.34	0.14	0.05	0.00	0.00	1.15	2.42	0.92	0.34	0.19	0.06	0.00	0.00	1.58	3.09
	L30KL025	1.02	0.47	0.23	0.08	0.00	0.00	1.59	3.39	1.28	0.48	0.30	0.10	0.00	0.00	2.18	4.34
	L30KL026	1.19	0.54	0.23	0.08	0.00	0.00	1.84	3.88	1.48	0.55	0.30	0.10	0.00	0.00	2.53	4.96
	L30KL027	0.11	0.05	0.00	0.00	0.00	0.00	0.17	0.33	0.13	0.05	0.00	0.00	0.00	0.00	0.23	0.41
	L30KL028	2.87	1.47	1.15	0.38	0.76	0.13	4.56	11.32	3.59	1.49	1.50	0.50	1.02	0.18	6.27	14.55
	L30KL029	1.06	0.48	0.32	0.11	0.00	0.00	1.64	3.61	1.32	0.49	0.41	0.14	0.00	0.00	2.26	4.62
	L30KL030	1.07	0.49	0.26	0.09	0.00	0.00	1.66	3.57	1.34	0.50	0.34	0.11	0.00	0.00	2.29	4.58
	L30KL031	0.14	0.06	0.00	0.00	0.00	0.00	0.22	0.42	0.17	0.06	0.00	0.00	0.00	0.00	0.30	0.53
	L30KL032	0.71	0.33	0.00	0.00	0.00	0.00	1.10	2.14	0.89	0.33	0.00	0.00	0.00	0.00	1.52	2.74
	L30KL033	0.96	0.44	0.14	0.05	0.00	0.00	1.48	3.07	1.20	0.44	0.19	0.06	0.00	0.00	2.04	3.93
	L30KL034	1.13	0.51	0.23	0.08	0.00	0.00	1.75	3.70	1.41	0.52	0.30	0.10	0.00	0.00	2.40	4.73
	L30KL035	1.72	0.79	0.29	0.10	0.00	0.00	2.67	5.57	2.15	0.80	0.38	0.13	0.00	0.00	3.67	7.13

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
L30	*cont.*																
	L30KL036	0.11	0.05	0.00	0.00	0.00	0.00	0.17	0.33	0.13	0.05	0.00	0.00	0.00	0.00	0.23	0.41
	L30KL037	3.83	1.93	1.44	0.48	0.94	0.17	6.07	14.86	4.79	1.97	1.88	0.62	1.29	0.23	8.34	19.12
	L30KL038	1.46	0.67	0.43	0.14	0.00	0.00	2.26	4.96	1.83	0.68	0.56	0.19	0.00	0.00	3.11	6.37
	L30KL039	1.40	0.64	0.29	0.10	0.00	0.00	2.17	4.60	1.75	0.65	0.38	0.13	0.00	0.00	2.99	5.90
	L30KL040	0.14	0.06	0.00	0.00	0.00	0.00	0.22	0.42	0.17	0.06	0.00	0.00	0.00	0.00	0.30	0.53
	L30KL041	0.85	0.39	0.00	0.00	0.00	0.00	1.31	2.55	1.06	0.39	0.00	0.00	0.00	0.00	1.80	3.25
	L30KL042	1.11	0.51	0.23	0.08	0.00	0.00	1.73	3.66	1.39	0.52	0.30	0.10	0.00	0.00	2.38	4.69
	L30KL043	2.02	0.92	0.29	0.10	0.00	0.00	3.13	6.46	2.53	0.94	0.38	0.13	0.00	0.00	4.31	8.29
	L30KL044	2.28	1.04	0.29	0.10	0.00	0.00	3.53	7.24	2.85	1.06	0.38	0.13	0.00	0.00	4.85	9.27
	L30KL045	0.11	0.05	0.00	0.00	0.00	0.00	0.17	0.33	0.13	0.05	0.00	0.00	0.00	0.00	0.23	0.41
	L30KL046	16.00	7.53	3.60	1.19	1.10	0.19	24.95	54.56	20.00	7.67	4.70	1.55	1.46	0.26	34.31	69.95
	L30KL047	17.78	8.37	5.33	1.76	1.23	0.22	27.73	62.42	22.22	8.52	6.96	2.30	1.66	0.29	38.12	80.07
	L30KL048	18.15	8.64	5.33	1.76	1.87	0.33	28.38	64.46	22.69	8.80	6.96	2.30	2.62	0.46	39.02	82.85
	L30KL049	20.76	9.88	8.35	2.76	2.16	0.38	32.45	76.74	25.95	10.06	10.90	3.60	3.05	0.54	44.62	98.72
	L30KL050	19.81	9.27	5.33	1.76	1.10	0.19	30.86	68.32	24.76	9.44	6.96	2.30	1.46	0.26	42.43	87.61
	L30KL051	20.91	9.79	5.33	1.76	1.23	0.22	32.58	71.82	26.13	9.98	6.96	2.30	1.66	0.29	44.79	92.11
	L30KL052	23.53	11.10	8.35	2.76	1.87	0.33	36.72	84.66	29.42	11.30	10.90	3.60	2.62	0.46	50.49	108.79
	L30KL053	25.88	12.22	8.35	2.76	2.16	0.38	40.38	92.13	32.34	12.44	10.90	3.60	3.05	0.54	55.53	118.40
	L30KL054	1.47	0.67	0.23	0.08	0.00	0.00	2.28	4.73	1.84	0.68	0.30	0.10	0.00	0.00	3.14	6.06
	L30KL055	2.47	1.13	0.43	0.14	0.00	0.00	3.83	8.00	3.09	1.15	0.56	0.19	0.00	0.00	5.26	10.25
	L30KL056	2.67	1.22	0.43	0.14	0.00	0.00	4.13	8.59	3.33	1.24	0.56	0.19	0.00	0.00	5.68	11.00
	L30KL057	2.44	1.11	0.43	0.14	0.00	0.00	3.78	7.90	3.05	1.13	0.56	0.19	0.00	0.00	5.20	10.13
	L30MX008	0.50	0.23	0.00	0.75	0.00	0.00	0.78	2.26	0.63	0.23	0.00	0.75	0.00	0.00	1.07	2.68
L35																	
	L35CA001	5.21	2.38	2.09	0.94	0.00	0.00	11.43	22.05	6.51	2.42	2.73	1.22	0.00	0.00	14.82	27.70
	L35CA002	5.91	2.70	2.09	0.94	0.00	0.00	12.97	24.61	7.38	2.75	2.73	1.22	0.00	0.00	16.81	30.89
	L35CA003	6.43	2.94	2.43	1.09	0.00	0.00	14.13	27.02	8.04	2.99	3.18	1.43	0.00	0.00	18.31	33.95
	L35CA004	9.42	4.30	2.50	1.12	0.00	0.00	20.68	38.02	11.77	4.38	3.26	1.46	0.00	0.00	26.81	47.68
	L35CA005	12.15	5.55	3.43	1.54	0.00	0.00	26.69	49.36	15.19	5.65	4.49	2.01	0.00	0.00	34.60	61.94
	L35CA006	16.27	7.43	4.68	2.10	0.00	0.00	35.74	66.22	20.34	7.56	6.12	2.74	0.00	0.00	46.32	83.08
	L35CA007	24.49	11.18	6.55	2.94	0.00	0.00	53.79	98.95	30.61	11.39	8.57	3.84	0.00	0.00	69.72	124.13

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
L35	*cont.*																
	L35CS001	5.36	2.45	1.97	0.88	0.00	0.00	11.78	22.44	6.70	2.49	2.57	1.15	0.00	0.00	15.27	28.18
	L35CS002	7.15	3.26	2.56	1.15	0.00	0.00	15.71	29.83	8.94	3.32	3.35	1.50	0.00	0.00	20.36	37.47
	L35CS003	9.27	4.23	3.68	1.65	0.00	0.00	20.36	39.19	11.59	4.31	4.81	2.16	0.00	0.00	26.40	49.27
	L35FI001	5.97	2.72	2.18	0.98	0.00	0.00	13.11	24.96	7.46	2.78	2.86	1.28	0.00	0.00	16.99	31.37
	L35FI002	7.72	3.53	2.65	1.19	0.00	0.00	16.96	32.05	9.65	3.59	3.47	1.56	0.00	0.00	21.99	40.26
	L35FI003	11.96	5.46	3.96	1.78	0.00	0.00	26.28	49.44	14.95	5.56	5.18	2.32	0.00	0.00	34.06	62.07
	L35FI004	15.60	7.12	5.24	2.35	0.00	0.00	34.25	64.56	19.50	7.25	6.85	3.07	0.00	0.00	44.40	81.07
	L35FI005	23.68	10.81	7.08	3.17	0.00	0.00	52.01	96.75	29.60	11.01	9.26	4.15	0.00	0.00	67.42	121.44
	L35HU001	8.14	3.71	2.81	1.26	0.00	0.00	17.87	33.79	10.17	3.78	3.67	1.65	0.00	0.00	23.17	42.44
	L35HU002	9.83	4.49	3.74	1.68	0.00	0.00	21.59	41.33	12.29	4.57	4.90	2.20	0.00	0.00	27.98	51.94
	L35HU003	11.44	5.22	4.68	2.10	0.00	0.00	25.13	48.57	14.30	5.32	6.12	2.74	0.00	0.00	32.57	61.05
	L35HU004	15.49	7.07	6.83	3.06	0.00	0.00	34.02	66.47	19.36	7.20	8.94	4.01	0.00	0.00	44.10	83.61
	L35ID001	5.31	2.43	2.18	0.98	0.00	0.00	11.67	22.57	6.64	2.47	2.86	1.28	0.00	0.00	15.13	28.38
	L35ID002	7.02	3.20	2.50	1.12	0.00	0.00	15.42	29.26	8.77	3.26	3.26	1.46	0.00	0.00	19.98	36.73
	L35ID003	10.67	4.87	4.37	1.96	0.00	0.00	23.43	45.30	13.34	4.96	5.71	2.56	0.00	0.00	30.37	56.94
	L35ID004	13.79	6.29	5.15	2.31	0.00	0.00	30.28	57.82	17.24	6.41	6.73	3.02	0.00	0.00	39.25	72.65
	L35ID005	16.76	7.65	6.71	3.01	0.00	0.00	36.81	70.94	20.95	7.79	8.77	3.93	0.00	0.00	47.71	89.15
	L35JD002	5.21	2.38	2.18	0.98	0.00	0.00	11.44	22.19	6.51	2.42	2.86	1.28	0.00	0.00	14.83	27.90
	L35JD003	6.76	3.08	2.81	1.26	0.00	0.00	14.84	28.75	8.45	3.14	3.67	1.65	0.00	0.00	19.24	36.15
	L35JD004	9.28	4.24	3.74	1.68	0.00	0.00	20.38	39.32	11.60	4.31	4.90	2.20	0.00	0.00	26.42	49.43
	L35JD005	10.47	4.78	4.37	1.96	0.00	0.00	23.00	44.58	13.09	4.87	5.71	2.56	0.00	0.00	29.81	56.04
	L35KM001	5.17	2.36	2.18	0.98	0.00	0.00	11.36	22.05	6.47	2.41	2.86	1.28	0.00	0.00	14.73	27.75
	L35KM002	9.03	4.12	2.81	1.26	0.00	0.00	19.82	37.04	11.28	4.20	3.67	1.65	0.00	0.00	25.69	46.49
	L35KM003	12.28	5.60	3.43	1.54	0.00	0.00	26.96	49.81	15.35	5.71	4.49	2.01	0.00	0.00	34.95	62.51
	L35KM004	12.95	5.91	4.21	1.89	0.00	0.00	28.44	53.40	16.19	6.02	5.51	2.47	0.00	0.00	36.86	67.05
	L35KM005	16.55	7.56	4.99	2.24	0.00	0.00	36.36	67.70	20.69	7.70	6.53	2.93	0.00	0.00	47.13	84.98
	L35KM006	20.59	9.40	6.24	2.80	0.00	0.00	45.21	84.24	25.73	9.57	8.16	3.66	0.00	0.00	58.61	105.73
	L35TK001	2.75	1.26	1.90	0.85	0.00	0.00	6.05	12.81	3.44	1.28	2.49	1.12	0.00	0.00	7.84	16.17
L40																	
	L40CA001	6.28	3.27	1.87	0.93	0.83	0.15	7.47	20.80	7.85	3.32	2.44	1.21	1.58	0.28	10.00	26.68
	L40CA002	6.87	3.57	2.45	1.21	0.83	0.15	8.17	23.25	8.59	3.63	3.20	1.59	1.58	0.28	10.93	29.80

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
L40	*cont.*																
	L40CA003	8.32	4.33	3.17	1.57	1.13	0.20	9.89	28.61	10.40	4.40	4.14	2.05	2.15	0.38	13.24	36.76
	L40CA004	9.86	5.24	3.89	1.93	2.15	0.38	11.78	35.23	12.33	5.33	5.08	2.52	4.10	0.73	15.78	45.87
	L40CA005	13.26	7.04	4.61	2.28	2.84	0.50	15.85	46.38	16.58	7.16	6.02	2.98	5.42	0.96	21.22	60.34
	L40CA006	18.12	9.66	6.22	3.08	4.20	0.74	21.67	63.69	22.65	9.82	8.12	4.02	8.02	1.42	29.02	83.07
	L40CA007	22.59	11.72	7.78	2.75	5.90	1.04	23.68	75.46	27.10	11.87	10.15	3.59	11.26	1.99	30.45	96.41
	L40CA008	33.26	17.38	10.80	3.82	7.06	1.25	34.91	108.48	39.91	17.60	14.10	4.99	13.47	2.38	44.88	137.33
	L40CA009	66.74	35.33	19.87	7.03	17.24	3.05	70.21	219.47	80.08	35.79	25.94	9.18	32.92	5.83	90.25	279.99
	L40CA010	6.47	3.36	2.16	1.07	0.83	0.15	8.23	22.27	8.08	3.42	2.82	1.40	1.58	0.28	10.98	28.56
	L40CA011	7.62	3.95	2.74	1.36	0.91	0.16	9.70	26.44	9.53	4.02	3.57	1.77	1.75	0.31	12.93	33.88
	L40CA012	8.83	4.56	3.17	1.57	0.91	0.16	11.23	30.43	11.04	4.64	4.14	2.05	1.75	0.31	14.96	38.89
	L40CA013	7.02	3.64	2.45	1.21	0.83	0.15	8.93	24.23	8.77	3.70	3.20	1.59	1.58	0.28	11.90	31.02
	L40CS001	4.32	2.28	1.99	0.99	0.83	0.15	5.15	15.71	5.40	2.32	2.59	1.28	1.58	0.28	6.90	20.35
	L40CS006	7.07	3.80	3.34	1.66	1.87	0.33	8.48	26.55	8.84	3.86	4.36	2.16	3.57	0.63	11.35	34.77
	L40CS007	8.94	4.74	4.03	2.00	1.87	0.33	10.68	32.59	11.17	4.82	5.26	2.61	3.57	0.63	14.30	42.36
	L40CS008	10.96	5.77	4.90	2.43	1.96	0.35	13.07	39.44	13.70	5.86	6.39	3.17	3.75	0.66	17.50	51.03
	L40FI001	5.68	2.97	2.04	1.01	0.83	0.15	6.76	19.44	7.10	3.01	2.67	1.32	1.58	0.28	9.05	25.01
	L40FI002	6.52	3.40	2.59	1.28	0.91	0.16	7.75	22.61	8.15	3.46	3.38	1.68	1.75	0.31	10.38	29.11
	L40FI003	7.41	3.88	3.17	1.57	1.13	0.20	8.82	26.18	9.27	3.94	4.14	2.05	2.15	0.38	11.81	33.74
	L40FI004	8.66	4.51	3.60	1.78	1.13	0.20	10.29	30.17	10.83	4.58	4.70	2.33	2.15	0.38	13.79	38.76
	L40FI005	9.86	5.22	4.03	2.00	1.96	0.35	11.77	35.19	12.33	5.30	5.26	2.61	3.75	0.66	15.76	45.67
	L40FI006	11.91	6.38	5.33	2.64	2.98	0.53	14.26	44.03	14.89	6.48	6.96	3.45	5.68	1.01	19.10	57.57
	L40FI007	15.36	8.10	6.62	2.34	5.20	0.92	16.15	54.69	18.44	8.20	8.65	3.06	9.93	1.76	20.76	70.80
	L40FI008	27.31	13.42	10.08	3.57	0.00	0.00	28.40	82.78	32.77	13.60	13.16	4.66	0.00	0.00	36.51	100.70
	L40FN001	2.21	1.18	1.50	0.74	0.50	0.09	2.64	8.86	2.76	1.20	1.96	0.97	0.94	0.17	3.53	11.53
	L40FN002	2.40	1.28	1.50	0.74	0.50	0.09	2.87	9.38	3.00	1.30	1.96	0.97	0.94	0.17	3.85	12.19
	L40FN003	2.58	1.37	1.79	0.89	0.50	0.09	3.08	10.30	3.22	1.39	2.33	1.15	0.94	0.17	4.13	13.33
	L40FN004	2.95	1.56	1.87	0.93	0.55	0.10	3.52	11.48	3.69	1.59	2.44	1.21	1.03	0.18	4.71	14.85
	L40FU001	5.89	3.11	2.30	1.14	1.13	0.20	7.03	20.80	7.36	3.16	3.01	1.49	2.15	0.38	9.41	26.96
	L40FU002	6.99	3.66	2.94	1.46	1.13	0.20	8.32	24.70	8.73	3.72	3.84	1.90	2.15	0.38	11.14	31.86
	L40FU003	8.84	4.69	4.03	2.00	1.87	0.33	10.56	32.32	11.05	4.77	5.26	2.61	3.57	0.63	14.14	42.03
	L40FU004	10.49	5.52	4.61	2.28	1.87	0.33	12.50	37.60	13.11	5.61	6.02	2.98	3.57	0.63	16.74	48.66
	L40FU005	14.27	7.63	6.25	3.10	3.45	0.61	17.08	52.39	17.84	7.75	8.16	4.04	6.59	1.17	22.88	68.43

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
L40	*cont.*																
	L40HU001	7.75	4.05	3.97	1.97	0.95	0.17	9.22	28.08	9.68	4.12	5.19	2.57	1.74	0.31	12.35	35.96
	L40HU002	10.02	5.34	4.92	2.44	1.83	0.32	11.98	36.85	12.52	5.42	6.43	3.19	3.35	0.59	16.04	47.54
	L40HU003	11.89	6.36	7.23	2.56	2.83	0.50	12.53	43.90	14.27	6.45	9.44	3.34	5.18	0.92	16.11	55.71
	L40ID005	15.39	8.17	5.90	2.92	3.30	0.58	18.39	54.65	19.24	8.30	7.71	3.82	6.29	1.11	24.62	71.09
	L40ID007	31.19	16.26	11.95	4.23	6.36	1.13	32.73	103.85	37.43	16.47	15.60	5.52	12.13	2.15	42.08	131.38
	L40ID008	56.28	29.55	16.99	6.01	12.85	2.27	59.13	183.08	67.54	29.93	22.18	7.85	24.52	4.34	76.02	232.38
	L40ID009	123.67	65.22	31.68	11.21	30.30	5.36	130.03	397.47	148.41	66.07	41.36	14.64	57.84	10.24	167.15	505.71
	L40ID010	5.22	2.71	2.68	1.33	0.68	0.12	6.20	18.94	6.52	2.76	3.50	1.73	1.30	0.23	8.30	24.34
	L40ID011	6.44	3.43	3.31	1.64	1.46	0.26	7.70	24.24	8.05	3.49	4.32	2.14	2.79	0.49	10.31	31.59
	L40ID012	8.17	4.27	4.15	2.06	1.19	0.21	9.72	29.77	10.22	4.34	5.41	2.68	2.27	0.40	13.02	38.34
	L40ID013	11.53	6.08	4.75	2.35	2.15	0.38	13.76	41.00	14.42	6.18	6.20	3.07	4.10	0.73	18.42	53.12
	L40ID014	20.28	10.72	9.07	3.21	5.12	0.91	21.33	70.64	24.34	10.86	11.84	4.19	9.78	1.73	27.42	90.16
	L40JC001	3.52	1.88	2.19	1.09	0.67	0.12	4.51	13.98	4.40	1.91	2.86	1.42	1.22	0.22	6.02	18.05
	L40JC002	4.19	2.23	2.94	1.46	0.73	0.13	5.36	17.04	5.24	2.26	3.84	1.90	1.34	0.24	7.15	21.97
	L40JC003	5.27	2.77	2.13	1.06	0.73	0.13	6.72	18.81	6.58	2.81	2.78	1.38	1.34	0.24	8.96	24.09
	L40JD001	4.88	2.56	2.16	1.07	0.83	0.15	5.82	17.47	6.10	2.61	2.82	1.40	1.58	0.28	7.79	22.58
	L40JD002	5.72	3.00	2.74	1.36	0.91	0.16	6.81	20.70	7.15	3.05	3.57	1.77	1.75	0.31	9.12	26.72
	L40JD003	6.92	3.60	3.31	1.64	0.91	0.16	8.23	24.77	8.66	3.66	4.32	2.14	1.75	0.31	11.02	31.86
	L40JD004	10.40	5.45	4.61	2.28	1.69	0.30	12.38	37.11	13.00	5.54	6.02	2.98	3.22	0.57	16.58	47.91
	L40KA001	8.12	4.23	3.46	1.71	1.13	0.20	9.66	28.51	10.15	4.30	4.51	2.24	2.15	0.38	12.93	36.66
	L40KA002	9.84	5.20	4.55	2.26	1.87	0.33	11.74	35.79	12.30	5.28	5.94	2.94	3.57	0.63	15.72	46.38
	L40KA003	12.54	6.57	4.75	2.35	1.96	0.35	14.93	43.45	15.68	6.68	6.20	3.07	3.75	0.66	20.00	56.04
	L40KA004	14.22	7.35	6.51	2.30	3.45	0.61	14.90	49.34	17.06	7.44	8.50	3.01	6.59	1.17	19.15	62.92
	L40KA005	19.00	9.88	8.93	3.16	5.20	0.92	19.93	67.02	22.80	10.01	11.66	4.13	9.93	1.76	25.62	85.91
	L40KA006	32.57	16.87	11.81	4.18	5.88	1.04	34.15	106.50	39.09	17.09	15.42	5.46	11.23	1.99	43.90	134.18
	L40KA007	10.63	5.63	4.55	2.26	2.15	0.38	12.69	38.29	13.28	5.72	5.94	2.94	4.10	0.73	16.99	49.70
	L40KA008	20.43	10.78	8.93	3.16	7.08	1.25	21.48	73.11	24.51	10.92	11.66	4.13	13.51	2.39	27.61	94.73
	L40KC001	6.60	3.46	2.59	1.28	0.82	0.15	7.85	22.75	8.24	3.51	3.38	1.68	1.48	0.26	10.52	29.07
	L40KC002	8.08	4.31	3.40	1.69	1.50	0.27	9.67	28.92	10.10	4.38	4.44	2.20	2.75	0.49	12.95	37.31
	L40KC003	10.66	5.79	4.41	2.19	2.64	0.47	12.82	38.98	13.33	5.89	5.75	2.85	4.84	0.86	17.16	50.68
	L40KC004	20.09	10.54	8.93	3.16	5.09	0.90	21.10	69.81	24.10	10.67	11.66	4.13	9.31	1.65	27.13	88.65
	L40KM001	7.02	3.64	2.71	1.34	0.67	0.12	8.34	23.84	8.78	3.70	3.53	1.75	1.22	0.22	11.17	30.37

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 2

		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
L40	*cont.*																
	L40KM002	8.05	4.17	3.40	1.69	0.73	0.13	9.56	27.73	10.06	4.24	4.44	2.20	1.34	0.24	12.80	35.32
	L40KM003	9.67	5.01	4.15	2.06	0.90	0.16	11.49	33.44	12.09	5.10	5.41	2.68	1.66	0.29	15.38	42.61
	L40KM004	12.12	6.25	4.78	2.37	0.90	0.16	14.37	40.95	15.15	6.35	6.24	3.09	1.66	0.29	19.24	52.02
	L40KM005	13.89	7.50	5.64	2.80	2.24	0.40	16.67	49.14	17.37	7.62	7.37	3.65	4.12	0.73	22.33	63.19
	L40KM006	16.54	8.83	6.45	3.20	2.24	0.40	19.79	57.45	20.67	8.98	8.42	4.17	4.12	0.73	26.50	73.59
	L40KM007	17.91	9.42	7.60	2.69	3.39	0.60	18.82	60.43	21.49	9.55	9.93	3.52	6.22	1.10	24.19	76.00
	L40KM008	23.37	12.25	8.38	2.97	4.17	0.74	24.55	76.43	28.04	12.41	10.94	3.87	7.65	1.35	31.55	95.81
	L40KM009	35.34	18.40	12.24	4.33	5.65	1.00	37.08	114.04	42.41	18.64	15.98	5.66	10.35	1.83	47.67	142.54
	L40KM010	63.64	33.30	18.46	6.53	11.03	1.95	66.83	201.74	76.37	33.73	24.10	8.53	20.22	3.58	85.91	252.44
	L40KM011	82.85	43.25	22.72	8.04	13.79	2.44	86.97	260.06	99.42	43.81	29.67	10.50	25.29	4.48	111.80	324.97
	L40KU001	11.33	6.01	5.79	2.87	1.92	0.34	13.53	41.79	14.16	6.11	7.56	3.75	3.51	0.62	18.12	53.83
	L40KU002	13.13	6.71	7.52	2.66	1.92	0.34	13.74	46.02	15.76	6.79	9.81	3.47	3.51	0.62	17.66	57.62
	L40MC001	4.90	2.58	2.13	1.06	0.73	0.13	5.84	17.37	6.13	2.63	2.78	1.38	1.34	0.24	7.83	22.33
	L40MC002	7.21	3.75	2.42	1.20	0.73	0.13	8.57	24.01	9.02	3.81	3.16	1.57	1.34	0.24	11.48	30.62
	L40MC003	8.58	4.46	3.17	1.57	0.90	0.16	10.19	29.03	10.72	4.54	4.14	2.05	1.66	0.29	13.65	37.05
	L40MC004	11.04	5.80	4.18	2.07	1.50	0.27	13.15	38.01	13.80	5.89	5.45	2.70	2.75	0.49	17.61	48.69
	L40MC005	13.65	7.25	5.47	2.71	2.38	0.42	16.31	48.19	17.06	7.37	7.14	3.54	4.36	0.77	21.85	62.09
	L40MC006	17.06	8.97	5.85	2.90	2.38	0.42	20.33	57.91	21.32	9.12	7.63	3.78	4.36	0.77	27.22	74.20
	L40MC007	17.75	9.27	7.26	2.57	4.16	0.74	18.63	60.38	21.30	9.39	9.48	3.36	7.63	1.35	23.95	76.46
	L40MC008	20.57	10.87	8.35	2.96	4.17	0.74	21.63	69.29	24.68	11.01	10.90	3.86	7.65	1.35	27.81	87.26
	L40MC009	30.55	15.84	10.37	3.67	4.49	0.79	32.03	97.74	36.66	16.04	13.54	4.79	8.24	1.46	41.17	121.90
	L40MC010	32.08	16.80	12.01	4.25	5.65	1.00	33.69	105.48	38.50	17.02	15.68	5.55	10.35	1.83	43.31	132.24
	L40MC011	56.87	30.48	18.72	6.63	13.79	2.44	59.95	188.88	68.25	30.87	24.44	8.65	25.29	4.48	77.06	239.04
	L40MC012	60.39	32.21	19.56	6.92	13.79	2.44	63.61	198.92	72.47	32.63	25.53	9.04	25.29	4.48	81.77	251.21
	L40MC013	23.30	12.00	7.26	2.57	4.16	0.74	26.14	76.17	27.96	12.15	9.48	3.36	7.63	1.35	33.46	95.39
	L40ME001	0.76	0.27	1.45	0.55	0.12	0.02	0.90	4.07								
	L40ME002	1.17	0.41	0.47	0.23	0.12	0.02	1.40	3.82								
	L40ME003	1.54	0.53	0.69	0.34	0.10	0.02	1.83	5.05								
	L40ME004	1.54	0.54	2.90	1.10	0.12	0.02	1.84	8.06								
	L40ME006	1.98	0.68	3.08	1.16	0.12	0.02	2.35	9.39								
	L40ME007	1.87	0.65	1.12	0.56	0.12	0.02	2.23	6.57								
	L40ME008	2.92	1.02	1.68	0.83	0.29	0.05	3.48	10.27								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
L40	*cont.*																
	L40ME009	3.25	1.14	2.15	1.07	0.40	0.07	3.89	11.97								
	L40ME012	2.20	0.76	1.25	0.62	0.12	0.02	2.62	7.59								
	L40ME013	6.31	2.24	2.93	1.45	0.97	0.17	7.55	21.62								
	L40ME014	1.68	0.58	3.08	1.16	0.12	0.02	2.01	8.65								
	L40OK001	5.95	3.15	2.91	1.44	0.95	0.17	7.10	21.67	7.44	3.20	3.80	1.88	1.74	0.31	9.51	27.88
	L40OK002	6.69	3.63	3.48	1.72	1.66	0.29	8.04	25.51	8.36	3.69	4.55	2.26	3.05	0.54	10.76	33.21
	L40OK003	8.01	4.29	4.38	2.17	1.57	0.28	9.59	30.29	10.02	4.36	5.72	2.83	2.88	0.51	12.85	39.17
	L40OK004	8.74	5.04	5.24	2.60	2.83	0.50	10.68	35.63	10.93	5.12	6.84	3.39	5.18	0.92	14.30	46.68
	L40OK005	11.79	6.55	6.91	2.45	4.10	0.73	12.50	45.03	14.15	6.63	9.02	3.19	7.51	1.33	16.07	57.90
	L40SS001	10.20	5.41	4.55	2.26	1.73	0.31	12.18	36.64	12.74	5.50	5.94	2.94	3.18	0.56	16.31	47.17
	L40SS002	12.45	6.71	5.13	2.54	2.77	0.49	14.94	45.03	15.57	6.82	6.69	3.32	5.07	0.90	20.00	58.37
	L40SS003	16.07	8.26	7.37	2.61	2.77	0.49	16.82	54.39	19.28	8.37	9.63	3.41	5.07	0.90	21.63	68.29
	L40TE003	19.01	9.89	9.07	3.21	5.20	0.92	19.94	67.24	22.81	10.01	11.84	4.19	9.93	1.76	25.63	86.17
	L40TE004	24.59	12.95	11.17	3.95	5.88	1.04	25.85	85.43	29.51	13.12	14.59	5.16	11.23	1.99	33.22	108.82
	L40TE005	28.59	15.09	13.25	4.69	7.06	1.25	30.06	99.99	34.31	15.28	17.30	6.12	13.47	2.38	38.65	127.51
	L40TR001	5.65	2.99	2.68	1.33	1.13	0.20	6.74	20.72	7.06	3.04	3.50	1.73	2.15	0.38	9.03	26.89
	L40TR002	5.96	3.14	3.17	1.57	1.13	0.20	7.11	22.28	7.45	3.20	4.14	2.05	2.15	0.38	9.52	28.89
	L40TR003	6.87	3.61	3.48	1.72	1.13	0.20	8.19	25.20	8.59	3.66	4.55	2.26	2.15	0.38	10.96	32.55
	L40TR004	9.12	4.83	4.92	2.44	1.87	0.33	10.89	34.40	11.40	4.91	6.43	3.19	3.57	0.63	14.58	44.71
	L40TR005	10.76	5.80	5.33	2.64	2.98	0.53	12.91	40.95	13.45	5.89	6.96	3.45	5.68	1.01	17.28	53.72
	L40TR006	14.68	7.53	6.65	2.35	2.98	0.53	15.37	50.09	17.62	7.62	8.69	3.08	5.68	1.01	19.75	63.45
	L40TR007	20.08	10.42	8.38	2.97	5.20	0.92	21.06	69.03	24.10	10.55	10.94	3.87	9.93	1.76	27.07	88.22
	L40TR008	25.34	13.68	11.58	4.10	8.37	1.48	26.74	91.29	30.41	13.86	15.12	5.35	15.98	2.83	34.38	117.93
	L40TR009	9.53	5.04	4.46	2.21	1.87	0.33	11.37	34.81	11.91	5.12	5.83	2.89	3.57	0.63	15.23	45.18
	L40TR010	12.05	6.45	5.24	2.60	2.98	0.53	14.42	44.27	15.06	6.55	6.84	3.39	5.68	1.01	19.31	57.84
L45																	
	L45CA001	6.90	3.15	2.09	0.94	0.00	0.00	15.15	28.23	8.62	3.21	2.73	1.22	0.00	0.00	19.63	35.41
L50																	
	L50CA001	5.08	2.61	1.79	0.68	0.32	0.06	6.87	17.41	6.34	2.65	2.33	0.88	0.43	0.08	9.12	21.83
	L50CA002	5.80	2.98	2.02	0.76	0.33	0.06	7.85	19.80	7.25	3.02	2.63	0.99	0.44	0.08	10.43	24.84
	L50CA003	6.01	3.10	2.22	0.84	0.48	0.08	8.14	20.87	7.51	3.15	2.90	1.10	0.66	0.12	10.81	26.25

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
L50	*cont.*																
	L50CA004	8.32	4.29	2.74	1.03	0.57	0.10	11.27	28.32	10.40	4.36	3.57	1.35	0.79	0.14	14.96	35.57
	L50CS002	4.40	2.27	2.02	0.76	0.35	0.06	5.96	15.82	5.49	2.31	2.63	0.99	0.48	0.08	7.91	19.89
	L50CS003	4.94	2.54	2.02	0.76	0.35	0.06	6.69	17.36	6.18	2.59	2.63	0.99	0.48	0.08	8.89	21.84
	L50FN002	3.35	1.74	1.58	0.60	0.32	0.06	4.55	12.20	4.19	1.77	2.07	0.78	0.45	0.08	6.04	15.38
	L50FN004	4.97	2.56	1.87	0.71	0.34	0.06	6.73	17.24	6.21	2.60	2.44	0.92	0.47	0.08	8.93	21.65
	L50FN005	5.53	2.86	2.16	0.82	0.47	0.08	7.49	19.41	6.91	2.91	2.82	1.06	0.65	0.12	9.95	24.42
	L50FN006	6.46	3.33	2.88	1.09	0.48	0.08	8.75	23.07	8.07	3.38	3.76	1.42	0.66	0.12	11.62	29.03
	L50JC001	3.29	1.76	1.87	0.71	0.59	0.10	4.50	12.82	4.12	1.79	2.44	0.92	0.81	0.14	5.98	16.20
	L50JC002	3.18	1.72	2.59	0.98	0.65	0.12	4.36	13.60	3.98	1.75	3.38	1.28	0.89	0.16	5.80	17.24
	L50JC003	5.49	2.85	2.76	1.04	0.49	0.09	7.46	20.18	6.87	2.90	3.61	1.36	0.66	0.12	9.90	25.42
	L50JC004	4.73	2.50	2.59	0.98	0.67	0.12	6.45	18.04	5.91	2.54	3.38	1.28	0.91	0.16	8.56	22.74
	L50JC005	5.48	2.84	2.76	1.04	0.45	0.08	7.43	20.08	6.84	2.88	3.61	1.36	0.61	0.11	9.86	25.27
	L50JC006	6.08	3.18	2.76	1.04	0.67	0.12	8.27	22.12	7.60	3.23	3.61	1.36	0.91	0.16	10.98	27.85
	L50JC007	6.70	3.46	2.76	1.04	0.47	0.08	9.09	23.60	8.38	3.52	3.61	1.36	0.64	0.11	12.07	29.69
	L50JD001	3.74	1.94	1.93	0.73	0.34	0.06	5.07	13.81	4.67	1.97	2.52	0.95	0.47	0.08	6.73	17.39
	L50JD002	4.53	2.34	2.16	0.82	0.35	0.06	6.14	16.40	5.66	2.37	2.82	1.06	0.48	0.08	8.15	20.62
	L50JD003	5.23	2.71	2.59	0.98	0.47	0.08	7.09	19.15	6.54	2.75	3.38	1.28	0.65	0.12	9.42	24.14
	L50JD005	7.07	3.72	2.88	1.09	0.98	0.17	9.63	25.54	8.84	3.78	3.76	1.42	1.38	0.24	12.79	32.21
	L50KC001	5.97	3.17	2.59	0.98	0.87	0.15	8.15	21.88	7.46	3.22	3.38	1.28	1.16	0.21	10.82	27.53
L55																	
	L55KN001	0.78	0.22	0.00	0.52	0.00	0.00	1.21	2.73								
	L55KN002	1.62	0.47	0.00	1.06	0.00	0.00	2.52	5.67								
	L55KN003	3.30	0.95	0.00	2.01	0.00	0.00	5.11	11.37								
	L55KN004	0.71	0.20	0.00	0.25	0.00	0.00	1.09	2.25								
	L55KN005	1.15	0.33	0.00	0.37	0.00	0.00	1.78	3.63								
L60																	
	L60CA001	6.79	3.02	2.74	0.91	1.83	0.32	8.09	23.70	8.48	3.08	3.57	1.18	3.84	0.68	10.73	31.56
	L60CA002	7.98	3.52	2.74	0.91	1.83	0.32	9.50	26.80	9.98	3.58	3.57	1.18	3.84	0.68	12.61	35.44
	L60CA003	8.68	3.81	3.46	1.14	1.83	0.32	10.32	29.56	10.85	3.88	4.51	1.49	3.84	0.68	13.70	38.95
	L60CA004	8.78	3.85	3.74	1.24	1.83	0.32	10.44	30.20	10.98	3.92	4.89	1.62	3.84	0.68	13.85	39.78
	L60CA005	11.25	5.19	5.04	1.67	4.70	0.83	13.49	42.17	14.07	5.29	6.58	2.17	9.85	1.74	17.90	57.60

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
L60	*cont.*																
	L60CA006	10.99	4.87	3.74	1.24	2.75	0.49	13.08	37.16	13.74	4.96	4.89	1.62	5.77	1.02	17.37	49.37
	L60CA007	25.61	10.63	3.89	1.29	0.00	0.00	30.19	71.61	32.02	10.83	5.08	1.68	0.00	0.00	40.08	89.69
	L60JD001	7.45	3.19	2.88	0.95	0.85	0.15	8.83	24.30	9.32	3.25	3.76	1.24	1.78	0.32	11.72	31.39
	L60JD002	8.51	3.76	3.46	1.14	2.05	0.36	10.12	29.40	10.63	3.83	4.51	1.49	4.29	0.76	13.44	38.95
	L60JD003	8.85	3.77	2.88	0.95	0.85	0.15	10.47	27.92	11.06	3.84	3.76	1.24	1.78	0.32	13.90	35.90
	L60JD004	10.05	4.40	3.46	1.14	2.05	0.36	11.94	33.40	12.56	4.48	4.51	1.49	4.29	0.76	15.85	43.94
	L60JD005	12.39	5.77	4.55	1.50	5.63	1.00	14.87	45.71	15.49	5.88	5.94	1.96	11.80	2.09	19.74	62.90
	L60JD006	9.42	4.14	4.18	1.38	2.05	0.36	11.21	32.74	11.78	4.22	5.45	1.80	4.29	0.76	14.88	43.18
	L60RN001	7.72	3.30	3.00	0.99	0.69	0.12	9.14	24.96	9.64	3.36	3.91	1.29	1.38	0.24	12.13	31.95
	L60RN002	8.61	3.80	3.80	1.26	1.64	0.29	10.25	29.65	10.77	3.87	4.96	1.64	3.34	0.59	13.61	38.78
	L60RN003	10.04	4.39	4.58	1.51	1.64	0.29	11.93	34.38	12.55	4.48	5.98	1.98	3.34	0.59	15.84	44.76
	L60RN004	11.99	5.74	6.25	2.07	5.53	0.98	14.46	47.02	14.98	5.85	8.16	2.70	11.23	1.99	19.19	64.10
M10																	
	M10AQ001	17.01	7.10	4.69	1.55	0.19	0.03	18.17	48.74								
	M10AQ002	14.63	6.12	4.69	1.55	0.19	0.03	15.63	42.84								
	M10AQ003	12.14	5.08	3.02	1.00	0.19	0.03	12.97	34.43								
	M10AQ006	1.70	0.94	0.00	0.00	2.61	0.46	1.96	7.67								
	M10AQ007	5.08	1.46	0.00	0.00	0.00	0.00	4.93	11.47								
	M10AQ010	4.70	1.35	0.00	0.00	0.00	0.00	4.56	10.61								
	M10AQ011	4.22	1.21	0.00	0.00	0.00	0.00	4.10	9.53								
	M10AQ012	1.38	0.40	0.00	0.00	0.00	0.00	1.34	3.12								
	M10AQ013	1.25	0.36	0.00	0.00	0.00	0.00	1.21	2.82								
	M10AQ014	0.66	0.19	0.00	0.00	0.00	0.00	0.64	1.49								
	M10AQ015	0.72	0.21	0.00	0.00	0.00	0.00	0.70	1.63								
	M10AQ016	0.98	0.28	0.00	0.00	0.00	0.00	0.95	2.21								
	M10AQ017	0.42	0.12	0.00	0.00	0.00	0.00	0.41	0.95								
	M10AQ018	0.68	0.19	0.00	0.00	0.00	0.00	0.66	1.53								
	M10AQ019	0.76	0.22	0.00	0.00	0.00	0.00	0.74	1.72								
	M10AQ020	0.88	0.25	0.00	0.00	0.00	0.00	0.85	1.98								
	M10CP001	9.97	4.14	5.04	1.67	0.00	0.00	10.63	31.45								
	M10CP002	9.77	4.37	6.12	2.02	0.00	0.00	11.26	33.54								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
M10	cont.																
	M10CP003	10.32	4.61	6.12	2.02	0.00	0.00	11.89	34.96								
	M10CP004	6.18	1.91	3.20	1.70	0.00	0.00	6.22	19.21								
	M10CP005	5.78	1.79	2.00	1.06	0.00	0.00	5.82	16.45								
	M10CP006	0.15	0.05	0.00	0.30	0.00	0.00	0.15	0.65								
	M10CP007	0.40	0.12	0.00	0.40	0.00	0.00	0.40	1.32								
	M10CP008	0.69	0.21	0.00	0.50	0.00	0.00	0.70	2.10								
	M10CP009	1.36	0.42	0.00	0.60	0.00	0.00	1.37	3.75								
	M10CP010	0.11	0.03	0.00	0.20	0.00	0.00	0.10	0.44								
	M10CP011	0.13	0.03	0.00	0.25	0.00	0.00	0.12	0.53								
	M10CP012	0.21	0.06	0.00	0.30	0.00	0.00	0.19	0.76								
	M10CP013	0.26	0.07	0.00	0.30	0.00	0.00	0.24	0.87								
	M10CP014	0.08	0.02	0.00	0.15	0.00	0.00	0.07	0.32								
	M10CP015	0.09	0.02	0.00	0.20	0.00	0.00	0.08	0.39								
	M10CP016	0.14	0.04	0.00	0.25	0.00	0.00	0.13	0.56								
	M10CP017	0.16	0.04	0.00	0.30	0.00	0.00	0.15	0.65								
	M10CP018	0.10	0.03	0.00	0.20	0.00	0.00	0.09	0.42								
	M10CP019	0.13	0.03	0.00	0.20	0.00	0.00	0.11	0.47								
	M10CP020	0.11	0.03	0.00	0.25	0.00	0.00	0.10	0.49								
	M10DD001	40.05	17.90	15.30	5.06	0.00	0.00	46.14	124.45								
	M10DD002	58.28	26.05	40.00	21.24	0.00	0.00	67.15	212.72								
	M10DS001	13.04	5.41	6.12	2.02	0.00	0.00	13.91	40.50								
	M10DS002	13.72	5.69	9.18	3.03	0.00	0.00	14.64	46.26								
	M10DS003	17.61	7.31	9.00	2.97	0.00	0.00	18.79	55.68								
	M10DS004	16.92	7.56	14.47	4.78	0.00	0.00	19.49	63.22								
	M10DS005	21.45	9.58	13.28	4.39	0.00	0.00	24.71	73.41								
	M10DS006	23.51	10.50	22.46	7.42	0.00	0.00	27.08	90.97								
	M10DS007	25.59	11.43	22.46	7.42	0.00	0.00	29.48	96.38								
	M10EL004	15.16	6.29	5.80	1.92	0.00	0.00	18.49	47.66								
	M10EL005	18.63	7.73	6.30	2.08	0.00	0.00	22.73	57.47								
	M10EL006	22.09	9.17	6.30	2.08	0.00	0.00	26.95	66.59								
	M10EL007	16.99	7.05	8.21	2.71	0.00	0.00	20.73	55.69								
	M10EL008	20.35	8.44	8.21	2.71	0.00	0.00	24.83	64.54								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
M10	***cont.***																
	M10EL009	9.56	7.62	0.00	1.00	0.00	0.00	13.11	31.29								
	M10EL010	16.14	12.86	0.00	1.00	0.00	0.00	22.14	52.14								
	M10EL011	17.48	13.93	0.00	1.00	0.00	0.00	23.98	56.39								
	M10EL012	34.92	27.82	0.00	1.00	0.00	0.00	47.90	111.64								
	M10HH001	9.26	3.84	5.40	1.78	0.00	0.00	11.30	31.58								
	M10HH002	9.37	3.89	5.40	1.78	0.00	0.00	11.43	31.87								
	M10HH003	9.87	4.10	6.37	2.10	0.00	0.00	12.05	34.49								
	M10HH004	9.98	4.14	6.37	2.10	0.00	0.00	12.18	34.77								
	M10HH005	10.15	4.21	6.37	2.10	0.00	0.00	12.38	35.21								
	M10HH006	5.82	2.42	3.60	1.19	0.00	0.00	7.10	20.13								
	M10KK001	10.15	4.21	18.30	6.91	0.00	0.00	10.83	50.40								
	M10KK002	10.54	4.38	9.00	2.97	0.00	0.00	11.25	38.14								
	M10KK003	11.04	4.58	18.30	6.91	0.00	0.00	11.78	52.61								
	M10KK004	11.51	4.78	9.00	2.97	0.00	0.00	12.28	40.54								
	M10KR001	17.38	8.54	3.60	1.61	0.00	0.00	24.22	55.35	20.85	8.65	4.70	2.11	0.00	0.00	32.31	68.62
	M10KR002	18.52	9.11	4.32	1.94	0.00	0.00	25.83	59.72	22.23	9.22	5.64	2.53	0.00	0.00	34.44	74.06
	M10KR003	17.72	8.71	3.60	1.61	0.00	0.00	24.70	56.34	21.26	8.82	4.70	2.11	0.00	0.00	32.94	69.83
	M10KR004	22.09	10.86	5.33	2.39	0.00	0.00	30.80	71.47	26.51	11.00	6.96	3.12	0.00	0.00	41.07	88.66
	M10KR005	14.84	7.30	5.33	2.39	0.00	0.00	20.69	50.55	17.81	7.39	6.96	3.12	0.00	0.00	27.59	62.87
	M10KR006	14.11	6.94	5.33	2.39	0.00	0.00	19.67	48.44	16.93	7.03	6.96	3.12	0.00	0.00	26.24	60.28
	M10MZ001	0.64	0.15	0.00	0.00	0.00	0.00	0.46	1.25								
	M10MZ002	0.85	0.20	0.00	0.00	0.00	0.00	0.61	1.66								
	M10MZ003	1.28	0.31	0.00	0.00	0.00	0.00	0.92	2.51								
	M10MZ004	1.22	0.46	0.00	0.00	0.00	0.00	1.06	2.74								
	M10MZ005	1.81	0.68	0.00	0.00	0.00	0.00	1.56	4.05								
	M10MZ006	2.06	0.78	0.00	0.00	0.00	0.00	1.78	4.62								
	M10MZ007	2.44	0.92	0.00	0.00	0.00	0.00	2.11	5.47								
	M10MZ008	2.72	1.03	0.00	0.00	0.00	0.00	2.35	6.10								
	M10MZ009	3.30	1.25	0.00	0.00	0.00	0.00	2.85	7.40								
	M10MZ010	1.70	0.83	4.03	1.81	0.00	0.00	1.81	10.18	2.04	0.85	5.26	2.36	0.00	0.00	2.33	12.84
	M10MZ011	2.73	1.34	6.05	2.71	0.00	0.00	2.91	15.74	3.27	1.36	7.90	3.54	0.00	0.00	3.74	19.81
	M10MZ012	3.51	1.72	6.05	2.71	0.00	0.00	3.74	17.73	4.21	1.75	7.90	3.54	0.00	0.00	4.81	22.21

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
M10	***cont.***																
	M10MZ013	4.58	2.25	6.05	2.71	0.00	0.00	4.88	20.47	5.49	2.28	7.90	3.54	0.00	0.00	6.28	25.49
	M10SM001	1.68	0.82	12.66	4.78	0.00	0.00	1.79	21.73	2.01	0.83	16.63	6.28	0.00	0.00	2.30	28.05
	M10SM002	1.77	0.87	15.62	5.90	0.00	0.00	1.89	26.05	2.12	0.88	20.51	7.74	0.00	0.00	2.43	33.68
	M10SM003	1.87	0.92	16.46	6.22	0.00	0.00	1.99	27.46	2.24	0.93	21.62	8.16	0.00	0.00	2.56	35.51
	M10SM004	1.96	0.96	16.46	6.22	0.00	0.00	2.09	27.69	2.35	0.97	21.62	8.16	0.00	0.00	2.68	35.78
	M10SM005	0.85	0.42	8.44	3.19	0.00	0.00	0.91	13.81	1.03	0.43	11.09	4.19	0.00	0.00	1.17	17.91
	M10SM006	0.90	0.44	9.71	3.67	0.00	0.00	0.96	15.68	1.08	0.45	12.75	4.81	0.00	0.00	1.23	20.32
	M10SM007	1.38	0.68	12.66	4.78	0.00	0.00	1.48	20.98	1.66	0.69	16.63	6.28	0.00	0.00	1.90	27.16
	M10SM008	1.45	0.71	15.62	5.90	0.00	0.00	1.54	25.22	1.74	0.72	20.51	7.74	0.00	0.00	1.99	32.70
	M10SM009	1.56	0.77	16.46	6.22	0.00	0.00	1.66	26.67	1.87	0.78	21.62	8.16	0.00	0.00	2.14	34.57
	M10SM010	1.67	0.82	16.46	6.22	0.00	0.00	1.78	26.95	2.01	0.83	21.62	8.16	0.00	0.00	2.29	34.91
	M10SM011	2.47	1.22	16.88	6.37	0.00	0.00	3.02	29.96	2.97	1.23	22.18	8.38	0.00	0.00	3.84	38.60
	M10SM012	3.00	1.48	21.11	7.97	0.00	0.00	3.66	37.22	3.60	1.50	27.72	10.47	0.00	0.00	4.67	47.96
	M10SM013	3.36	1.65	21.11	7.97	0.00	0.00	4.10	38.19	4.03	1.67	27.72	10.47	0.00	0.00	5.22	49.11
	M10SM014	3.03	1.72	25.33	9.56	0.00	0.00	3.69	43.33	3.53	1.74	33.26	12.56	0.00	0.00	4.57	55.66
	M10SM015	4.75	2.70	33.77	12.75	0.00	0.00	5.80	59.77	5.54	2.73	44.35	16.75	0.00	0.00	7.18	76.55
	M10SM016	3.52	1.73	16.88	6.37	0.00	0.00	4.30	32.80	4.23	1.75	22.18	8.38	0.00	0.00	5.48	42.02
P10																	
	P10IC001	9.61	3.70	4.46	1.68	0.00	0.00	14.97	34.42								
	P10IC002	15.94	6.13	7.20	2.72	0.00	0.00	24.82	56.81								
	P10IC003	18.51	7.12	7.20	2.72	0.00	0.00	28.82	64.37								
	P10IC004	24.18	9.30	14.49	5.47	0.00	0.00	37.65	91.09								
	P10IC005	43.25	16.63	18.72	7.07	0.00	0.00	67.33	153.00								
	P10XX001	1.57	0.60	0.00	1.00	0.00	0.00	2.44	5.61								
	P10XX002	1.92	0.74	0.00	2.00	0.00	0.00	2.99	7.65								
	P10XX003	3.20	1.23	0.00	3.00	0.00	0.00	4.99	12.42								
P20																	
	P20IC001	4.67	1.80	0.66	0.25	0.00	0.00	10.00	17.38								
	P20IC002	7.52	2.89	1.44	0.54	0.00	0.00	16.10	28.49								
	P20IC003	9.02	3.47	2.19	0.83	0.00	0.00	19.31	34.82								
	P20IC004	9.52	3.66	2.59	0.98	0.00	0.00	20.37	37.12								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
P20	*cont.*																
	P20IC005	13.21	5.08	3.83	1.45	0.00	0.00	28.28	51.85								
	P20IC006	14.77	5.68	3.92	1.48	0.00	0.00	31.60	57.45								
	P20MK001	5.62	2.16	0.00	0.32	0.00	0.00	12.03	20.13								
	P20MK002	1.81	0.70	0.00	0.25	0.00	0.00	3.87	6.63								
	P20MK003	2.29	0.88	0.00	0.34	0.00	0.00	4.91	8.42								
	P20MK004	2.83	1.09	0.00	0.45	0.00	0.00	6.05	10.42								
	P20MK005	4.80	1.85	0.00	0.51	0.00	0.00	10.27	17.43								
	P20MK006	5.36	2.06	0.00	0.66	0.00	0.00	11.47	19.55								
	P20MK007	5.88	2.26	0.00	0.66	0.00	0.00	12.59	21.39								
	P20VU001	6.73	2.59	0.00	0.68	0.00	0.00	14.40	24.40								
	P20VU002	7.67	2.95	0.00	0.80	0.00	0.00	16.41	27.83								
	P20VU003	8.27	3.18	0.00	0.95	0.00	0.00	17.69	30.09								
	P20VU004	10.14	3.90	0.00	1.12	0.00	0.00	21.70	36.86								
	P20VU005	12.41	4.77	0.00	1.17	0.00	0.00	26.55	44.90								
	P20VU006	17.79	6.84	0.00	1.39	0.00	0.00	38.06	64.08								
P25																	
	P25DL001	5.03	1.93	0.00	0.50	0.00	0.00	9.79	17.25								
	P25DL002	5.60	2.15	0.00	0.50	0.00	0.00	10.91	19.16								
	P25DL003	7.44	2.86	0.00	0.50	0.00	0.00	14.48	25.28								
	P25DL004	8.84	3.40	0.00	0.50	0.00	0.00	17.20	29.94								
	P25DL005	13.11	5.04	0.00	0.75	0.00	0.00	25.51	44.41								
	P25DL006	13.82	5.31	0.00	0.75	0.00	0.00	26.89	46.77								
	P25DL007	18.31	7.04	0.00	0.75	0.00	0.00	35.63	61.73								
	P25DL008	20.52	7.89	0.00	0.75	0.00	0.00	39.93	69.09								
	P25DL009	34.80	13.38	0.00	1.00	0.00	0.00	67.72	116.90								
	P25DL010	46.45	17.86	0.00	1.00	0.00	0.00	90.40	155.71								
	P25DL011	52.14	20.05	0.00	1.00	0.00	0.00	101.47	174.66								
	P25MK001	6.40	2.46	0.00	0.32	0.00	0.00	12.45	21.63								
	P25MK002	7.15	2.75	0.00	0.51	0.00	0.00	13.91	24.32								
	P25MK003	10.12	3.89	0.00	0.61	0.00	0.00	19.70	34.32								
	P25VU001	4.95	1.90	0.00	0.45	0.00	0.00	9.64	16.94								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
P25	*cont.*																
	P25VU002	5.86	2.25	0.00	0.51	0.00	0.00	11.41	20.03								
	P25VU003	7.14	2.74	0.00	0.61	0.00	0.00	13.89	24.38								
	P25VU004	7.57	2.91	0.00	0.75	0.00	0.00	14.72	25.95								
	P25VU005	8.53	3.28	0.00	0.65	0.00	0.00	16.59	29.05								
	P25VU006	10.27	3.95	0.00	0.95	0.00	0.00	19.98	35.15								
	P25VU007	11.51	4.42	0.00	0.95	0.00	0.00	22.39	39.27								
	P25VU008	14.99	5.76	0.00	1.17	0.00	0.00	29.17	51.09								
	P25VU009	17.01	6.54	0.00	1.28	0.00	0.00	33.10	57.93								
P30																	
	P30HM001	8.18	3.15	2.16	0.82	0.00	0.00	15.93	30.24								
	P30MK001	9.53	3.66	3.25	1.23	0.00	0.00	18.54	36.21								
	P30MK002	16.32	6.28	8.06	3.04	0.00	0.00	31.76	65.46								
	P30MK003	22.49	8.65	10.08	3.81	0.00	0.00	43.77	88.80								
	P30MK004	26.13	10.05	15.84	5.98	0.00	0.00	50.86	108.86								
	P30MK005	32.59	12.53	18.72	7.07	0.00	0.00	63.43	134.34								
P35																	
	P35CA002	17.62	10.53	3.20	1.51	0.00	0.00	32.40	65.26	21.15	10.65	4.00	1.89	0.00	0.00	42.57	80.26
	P35CA003	20.21	12.08	3.20	1.51	0.00	0.00	37.15	74.15	24.25	12.21	4.00	1.89	0.00	0.00	48.82	91.17
	P35CA005	28.18	16.84	4.80	2.27	0.00	0.00	51.81	103.90	33.81	17.02	6.00	2.83	0.00	0.00	68.07	127.73
	P35CA006	38.88	23.24	6.72	3.17	0.00	0.00	71.49	143.50	46.66	23.49	8.40	3.96	0.00	0.00	93.93	176.44
P40																	
	P40GV001	3.25	1.24	1.31	0.49	0.18	0.03	4.09	10.59								
	P40GV002	3.60	1.39	1.31	0.49	0.27	0.05	4.55	11.66								
	P40GV003	4.32	1.66	1.31	0.49	0.27	0.05	5.45	13.55								
	P40GV004	7.30	2.76	1.97	1.34	0.20	0.04	9.18	22.79								
	P40GV005	10.44	4.25	4.06	2.28	1.78	0.32	13.34	36.47								
	P40GV006	12.73	5.04	4.06	2.13	1.48	0.26	16.17	41.87								
	P40GV007	15.52	6.04	4.06	2.13	1.33	0.24	19.64	48.96								
	P40GV008	22.12	8.50	4.06	2.23	1.33	0.24	27.91	66.39								
	P40GV009	5.28	1.99	1.31	1.09	0.14	0.02	6.64	16.47								
	P40GV010	6.41	2.41	2.16	1.42	0.14	0.02	8.06	20.62								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
P40	*cont.*																
	P40GV011	11.31	4.31	3.47	1.91	0.57	0.10	14.25	35.92								
	P40RE001	8.46	3.18	10.81	4.58	0.20	0.04	10.63	37.90								
P45																	
	P45CG001	0.32	0.11	0.00	0.05	0.00	0.00	0.47	0.95								
	P45CG002	0.56	0.19	0.00	0.10	0.00	0.00	0.82	1.67								
	P45CG003	1.50	0.51	0.00	0.15	0.00	0.00	2.19	4.35								
	P45CG004	2.40	0.81	0.00	0.31	0.00	0.00	3.50	7.02								
	P45CG005	2.83	0.97	0.93	0.31	0.04	0.01	4.13	9.22								
P50																	
	P50HO001	0.12	0.05	0.59	0.22	0.00	0.00	0.18	1.16								
	P50HO002	0.19	0.08	0.24	0.11	0.00	0.00	0.29	0.91								
	P50HO003	0.14	0.06	0.94	0.35	0.00	0.00	0.21	1.70								
	P50HO004	0.30	0.12	0.32	0.14	0.00	0.00	0.45	1.33								
	P50HO005	0.31	0.13	1.87	0.71	0.00	0.00	0.47	3.49								
	P50WC001	0.12	0.05	0.59	0.22	0.00	0.00	0.18	1.16								
	P50WC002	0.14	0.06	0.94	0.35	0.00	0.00	0.21	1.70								
	P50WC003	0.58	0.24	0.48	0.22	0.00	0.00	0.87	2.39								
	P50WC004	1.35	0.55	1.40	0.63	0.00	0.00	2.01	5.94								
P55																	
	P55GF001	0.76	0.38	0.88	0.39	0.00	0.00	1.26	3.67								
	P55GF002	0.99	0.50	0.88	0.39	0.00	0.00	1.63	4.39								
	P55GR001	0.16	0.08	0.18	0.10	0.00	0.00	0.16	0.68								
	P55GR002	0.22	0.11	0.45	0.24	0.00	0.00	0.21	1.23								
	P55GR003	0.87	0.44	2.25	1.19	0.00	0.00	0.86	5.61								
	P55GR004	1.10	0.55	5.40	2.87	0.00	0.00	1.09	11.01								
	P55ML001	0.12	0.06	0.09	0.05	0.00	0.00	0.12	0.44								
	P55ML002	0.17	0.08	0.18	0.10	0.00	0.00	0.16	0.69								
	P55ML003	0.23	0.11	0.72	0.38	0.00	0.00	0.22	1.66								
	P55WC001	0.24	0.12	0.27	0.43	0.00	0.00	0.24	1.30								
	P55WC002	0.29	0.15	0.54	0.64	0.00	0.00	0.29	1.91								
	P55WC003	0.31	0.16	0.99	0.90	0.00	0.00	0.31	2.67								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
P55	*cont.*																
	P55WC004	0.11	0.06	0.18	0.47	0.00	0.00	0.11	0.93								
	P55WC005	0.14	0.07	0.18	0.47	0.00	0.00	0.14	1.00								
	P55WC006	0.19	0.09	0.18	0.47	0.00	0.00	0.18	1.11								
P60																	
	P60GF003	1.51	0.63	1.28	0.57	0.04	0.01	2.25	6.29								
	P60GF004	2.12	0.88	2.44	1.09	0.04	0.01	3.16	9.74								
	P60GF005	2.51	1.04	3.32	1.49	0.04	0.01	3.74	12.15								
	P60GF006	2.75	1.14	4.40	1.97	0.04	0.01	4.10	14.41								
	P60GF007	2.99	1.23	4.40	1.97	0.04	0.01	4.45	15.09								
	P60HO001	0.05	0.02	0.35	0.13	0.00	0.00	0.08	0.63								
	P60HO002	0.07	0.03	0.35	0.13	0.00	0.00	0.11	0.69								
	P60HO003	0.13	0.05	0.94	0.35	0.00	0.00	0.19	1.66								
	P60ML001	1.10	0.45	4.45	1.68	0.00	0.00	1.64	9.32								
	P60ML002	1.07	0.44	1.20	0.54	0.00	0.00	1.59	4.84								
	P60ML003	1.53	0.63	9.26	3.50	0.00	0.00	2.28	17.20								
	P60ML004	1.48	0.60	2.40	1.08	0.00	0.00	2.20	7.76								
	P60ML005	2.11	0.86	2.80	1.26	0.00	0.00	3.14	10.17								
	P60ML006	2.34	0.96	2.72	1.22	0.00	0.00	3.48	10.72								
P65																	
	P65HO001	0.11	0.05	0.35	0.13	0.00	0.00	0.17	0.81								
	P65HO002	0.14	0.06	0.35	0.13	0.00	0.00	0.21	0.89								
P70																	
	P70AD001	0.11	0.04	0.23	0.09	0.00	0.00	0.14	0.61								
R10																	
	R10CA001	0.47	0.17	0.00	0.08	0.00	0.00	0.69	1.41	0.58	0.18	0.00	0.08	0.00	0.00	0.95	1.79
	R10CA002	0.02	0.01	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.05	0.09
	R10CA003	1.60	0.60	0.00	0.08	0.00	0.00	2.37	4.65	1.97	0.61	0.00	0.08	0.00	0.00	3.24	5.90
	R10CA004	0.04	0.02	0.00	0.00	0.00	0.00	0.06	0.12	0.05	0.02	0.00	0.00	0.00	0.00	0.09	0.16
	R10CA005	1.32	0.49	0.00	0.08	0.00	0.00	1.96	3.85	1.63	0.50	0.00	0.08	0.00	0.00	2.67	4.88
	R10CA006	0.09	0.03	0.00	0.00	0.00	0.00	0.13	0.25	0.11	0.03	0.00	0.00	0.00	0.00	0.17	0.31
	R10CA007	1.70	0.63	0.00	0.08	0.00	0.00	2.51	4.92	2.09	0.64	0.00	0.08	0.00	0.00	3.43	6.24

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
R10	***cont.***																
	R10CA008	0.09	0.03	0.00	0.00	0.00	0.00	0.13	0.25	0.11	0.03	0.00	0.00	0.00	0.00	0.17	0.31
	R10CA009	3.02	1.12	0.00	0.08	0.00	0.00	4.46	8.68	3.72	1.14	0.00	0.08	0.00	0.00	6.10	11.04
	R10CA010	0.15	0.05	0.00	0.00	0.00	0.00	0.22	0.42	0.18	0.06	0.00	0.00	0.00	0.00	0.30	0.54
	R10CA011	3.51	1.30	0.00	0.10	0.00	0.00	5.18	10.09	4.32	1.33	0.00	0.10	0.00	0.00	7.09	12.84
	R10CA012	3.65	1.36	0.00	0.10	0.00	0.00	5.39	10.50	4.49	1.38	0.00	0.10	0.00	0.00	7.37	13.34
	R10CA013	0.31	0.11	0.00	0.00	0.00	0.00	0.45	0.87	0.38	0.12	0.00	0.00	0.00	0.00	0.62	1.12
	R10CA014	5.18	1.93	0.00	0.16	0.00	0.00	7.65	14.92	6.37	1.96	0.00	0.16	0.00	0.00	10.46	18.95
	R10CA015	5.33	1.98	0.00	0.16	0.00	0.00	7.87	15.34	6.56	2.02	0.00	0.16	0.00	0.00	10.76	19.50
	R10CA016	0.31	0.11	0.00	0.00	0.00	0.00	0.45	0.87	0.38	0.12	0.00	0.00	0.00	0.00	0.62	1.12
	R10CA017	7.22	2.69	0.00	0.21	0.00	0.00	10.67	20.79	8.89	2.74	0.00	0.21	0.00	0.00	14.59	26.43
	R10CA018	7.70	2.86	0.00	0.22	0.00	0.00	11.38	22.16	9.48	2.92	0.00	0.22	0.00	0.00	15.55	28.17
	R10CA019	0.50	0.19	0.00	0.00	0.00	0.00	0.74	1.43	0.62	0.19	0.00	0.00	0.00	0.00	1.02	1.83
	R10CA020	9.34	3.47	0.00	0.23	0.00	0.00	13.80	26.84	11.49	3.54	0.00	0.23	0.00	0.00	18.86	34.12
	R10CA021	9.63	3.58	0.00	0.25	0.00	0.00	14.24	27.70	11.86	3.65	0.00	0.25	0.00	0.00	19.46	35.22
	R10CA022	0.57	0.21	0.00	0.00	0.00	0.00	0.84	1.62	0.70	0.22	0.00	0.00	0.00	0.00	1.15	2.07
	R10FI001	2.63	0.98	0.00	0.09	0.00	0.00	3.89	7.59	3.24	1.00	0.00	0.09	0.00	0.00	5.32	9.65
	R10FI003	5.37	2.00	0.00	0.10	0.00	0.00	7.94	15.41	6.61	2.04	0.00	0.10	0.00	0.00	10.85	19.60
	R10FI005	6.97	2.59	0.00	0.20	0.00	0.00	10.30	20.06	8.58	2.64	0.00	0.20	0.00	0.00	14.08	25.50
	R10FI006	6.52	2.42	0.00	0.28	0.00	0.00	9.63	18.85	8.02	2.47	0.00	0.28	0.00	0.00	13.17	23.94
R30																	
	R30BO001	4.88	1.90	2.10	0.59	0.43	0.08	5.15	15.13								
	R30BO002	9.40	3.67	2.97	0.84	0.93	0.16	9.93	27.90								
	R30BO003	10.46	4.07	2.97	0.84	0.93	0.16	11.04	30.47								
	R30CA001	5.53	2.22	2.22	0.63	0.98	0.17	5.88	17.63								
	R30CA002	6.23	2.45	2.22	0.63	0.81	0.14	6.59	19.07								
	R30CA003	17.99	8.21	6.05	1.71	0.00	0.00	21.50	55.46								
	R30CA004	18.78	8.57	6.05	1.71	0.00	0.00	22.44	57.55								
	R30CA005	27.46	12.54	8.93	2.53	0.00	0.00	32.82	84.28								
	R30CA006	28.79	13.14	8.93	2.53	0.00	0.00	34.40	87.79								
	R30CA007	30.26	13.81	8.93	2.53	0.00	0.00	36.16	91.69								
	R30CA008	5.56	2.21	2.22	0.63	0.81	0.14	5.90	17.47								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
R30	*cont.*																
	R30FR001	4.86	1.94	2.30	0.65	0.71	0.13	5.16	15.75								
	R30FR002	5.47	2.17	2.30	0.65	0.71	0.13	5.80	17.23								
	R30FR003	6.43	2.56	2.13	0.60	0.89	0.16	6.82	19.59								
	R30FR004	10.76	4.21	3.48	0.99	1.11	0.20	11.38	32.13								
	R30FR005	3.05	1.39	1.44	0.41	0.00	0.00	3.65	9.94								
	R30FR006	3.64	1.66	1.73	0.49	0.00	0.00	4.36	11.88								
	R30FR007	5.52	2.52	2.30	0.65	0.00	0.00	6.60	17.59								
	R30FR008	5.79	2.64	2.30	0.65	0.00	0.00	6.92	18.30								
	R30FR009	6.07	2.77	2.30	0.65	0.00	0.00	7.26	19.05								
	R30FR010	6.35	2.90	2.30	0.65	0.00	0.00	7.59	19.79								
	R30HY001	5.64	2.23	2.33	0.66	0.71	0.13	5.98	17.68								
	R30HY002	3.44	1.57	1.38	0.39	0.00	0.00	4.11	10.89								
	R30HY003	4.17	1.91	1.38	0.39	0.00	0.00	4.99	12.84								
	R30HY004	5.16	2.35	2.30	0.65	0.00	0.00	6.16	16.62								
	R30HY005	5.36	2.45	2.30	0.65	0.00	0.00	6.40	17.16								
	R30HY006	5.97	2.73	2.30	0.65	0.00	0.00	7.14	18.79								
	R30HY007	6.34	2.90	2.30	0.65	0.00	0.00	7.58	19.77								
	R30ID001	3.38	1.54	1.27	0.36	0.00	0.00	4.05	10.60								
	R30ID002	4.24	1.93	1.27	0.36	0.00	0.00	5.06	12.86								
	R30ID003	5.63	2.57	2.51	0.71	0.00	0.00	6.73	18.15								
	R30ID004	6.02	2.75	2.51	0.71	0.00	0.00	7.19	19.18								
	R30ID005	6.41	2.92	2.51	0.71	0.00	0.00	7.65	20.20								
	R30ID006	6.82	3.11	2.51	0.71	0.00	0.00	8.15	21.30								
	R30IN001	5.16	2.00	2.19	0.62	0.44	0.08	5.44	15.93								
	R30IN002	6.39	2.46	2.51	0.71	0.44	0.08	6.73	19.32								
	R30RS001	0.72	0.33	1.44	0.41	0.00	0.00	0.86	3.76								
	R30RS002	0.91	0.41	1.52	0.43	0.00	0.00	1.09	4.36								
	R30SI005	10.57	3.93	1.87	0.53	0.00	0.00	11.05	27.95								
R45																	
	R45BO001	3.71	1.38	1.40	0.53	0.00	0.00	6.09	13.11								
	R45BO002	8.95	3.33	2.80	1.06	0.00	0.00	14.71	30.85								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
R45	*cont.*																
	R45BO003	9.42	3.50	2.96	1.12	0.00	0.00	15.49	32.49								
	R45BO004	10.63	3.95	4.08	1.54	0.00	0.00	17.48	37.68								
	R45BO005	11.23	4.18	4.08	1.54	0.00	0.00	18.47	39.50								
	R45CA001	3.41	1.27	1.32	0.50	0.00	0.00	5.60	12.10								
	R45CA002	3.78	1.41	1.32	0.50	0.00	0.00	6.21	13.22								
	R45CA005	9.41	3.50	3.20	1.21	0.00	0.00	15.47	32.79								
	R45CA007	11.87	4.42	5.00	1.89	0.00	0.00	19.51	42.69								
	R45CA008	14.38	5.35	6.20	2.34	0.00	0.00	23.63	51.90								
	R45DY001	3.97	1.48	1.24	0.47	0.00	0.00	6.52	13.68								
	R45DY002	9.69	3.60	1.24	0.47	0.00	0.00	15.93	30.93								
	R45DY003	12.07	4.49	4.92	1.86	0.00	0.00	19.84	43.18								
	R45DY004	17.56	6.53	8.40	3.17	0.00	0.00	28.87	64.53								
	R45HY002	10.83	4.03	4.08	1.54	0.00	0.00	17.81	38.29								
	R45ID003	11.75	4.37	4.76	1.80	0.00	0.00	19.31	41.99								
	R45IN001	3.35	1.25	1.24	0.47	0.00	0.00	5.51	11.82								
	R45IN002	3.78	1.40	1.24	0.47	0.00	0.00	6.21	13.10								
	R45IN003	4.14	1.54	1.28	0.48	0.00	0.00	6.81	14.25								
	R45IN004	9.73	3.62	2.88	1.09	0.00	0.00	16.00	33.32								
	R45IN005	11.95	4.44	4.48	1.69	0.00	0.00	19.64	42.20								
	R45IN006	11.53	4.29	4.60	1.74	0.00	0.00	18.95	41.11								
	R45RS001	1.35	0.50	2.11	0.80	0.00	0.00	2.22	6.98								
	R45RS002	2.80	1.04	1.20	0.45	0.00	0.00	4.60	10.09								
	R45SI001	2.58	0.96	0.28	0.11	0.00	0.00	4.25	8.18								
	R45SI002	4.10	1.52	0.96	0.36	0.00	0.00	6.74	13.68								
	R45SI003	5.28	1.96	1.08	0.41	0.00	0.00	8.67	17.40								
	R45SI004	7.87	2.93	2.92	1.10	0.00	0.00	12.93	27.75								
	R45SI005	11.16	4.15	4.16	1.57	0.00	0.00	18.35	39.39								
	R45SI006	13.19	4.90	4.48	1.69	0.00	0.00	21.67	45.93								
R50																	
	R50BO001	6.71	2.53	2.04	0.77	0.23	0.04	10.05	22.37								
	R508O002	7.65	2.89	2.84	1.07	0.23	0.04	11.47	26.19								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 2

		AVERAGE OPERATING CONDITIONS								SEVERE OPERATING CONDITIONS							
CAT	ID. No	DEPR	FCCM	FUEL	FOG	TIRE WEAR	TIRE REPAIR	REPAIR	TOTAL RATE	OEPR	FCCM	FUEL	FOG	TIRE WEAR	TIRE REPAIR	REPAIR	TOTAL RATE
R50	*cont.*																
	R50BO003	11.22	4.28	4.76	1.80	0.65	0.12	16.85	39.68								
	R50BO004	12.28	4.68	6.68	2.52	0.65	0.12	18.43	45.36								
	R50CA001	7.10	2.66	3.08	1.16	0.13	0.02	10.62	24.77								
	R50CA002	7.75	2.92	3.08	1.16	0.23	0.04	11.61	26.79								
	R50CA003	7.97	3.00	4.08	1.54	0.23	0.04	11.93	28.79								
	R50CA004	9.97	3.74	4.08	1.54	0.23	0.04	14.92	34.52								
	R50CA005	9.03	3.40	4.08	1.54	0.23	0.04	13.52	31.84								
	R50CA006	9.62	3.69	6.20	2.34	0.66	0.12	14.46	37.09								
	R50CA009	11.71	4.47	5.80	2.19	0.66	0.12	17.58	42.53								
	R50CA010	12.92	4.92	5.80	2.19	0.66	0.12	19.39	46.00								
	R50DY001	8.91	3.35	3.92	1.48	0.24	0.04	13.34	31.28								
	R50DY002	10.19	3.82	3.92	1.48	0.20	0.04	15.25	34.90								
	R50DY003	10.68	4.09	6.04	2.28	0.67	0.12	16.05	39.93								
	R50DY004	12.72	4.84	6.04	2.28	0.66	0.12	19.09	45.75								
	R50DY005	13.64	5.19	6.04	2.28	0.66	0.12	20.47	48.40								
	R50DY006	16.15	6.12	6.16	2.33	0.66	0.12	24.21	55.75								
	R50HY005	7.01	2.81	4.28	1.62	1.17	0.21	10.63	27.73								
	R50HY007	7.44	2.81	4.28	1.62	0.18	0.03	11.15	27.51								
	R50HY008	9.13	3.44	4.28	1.62	0.22	0.04	13.67	32.40								
	R50HY009	11.02	4.21	5.80	2.19	0.65	0.12	16.56	40.55								
	R50HY012	13.10	4.98	5.80	2.19	0.65	0.12	19.66	46.50								
	R50HY013	12.27	4.67	5.80	2.19	0.51	0.09	18.42	43.95								
	R50ID001	8.81	3.32	3.20	1.21	0.23	0.04	13.19	30.00								
	R50ID002	8.77	3.30	3.20	1.21	0.18	0.03	13.12	29.81								
	R50ID003	8.80	3.32	3.20	1.21	0.28	0.05	13.18	30.04								
	R50ID004	9.64	3.62	3.20	1.21	0.18	0.03	14.43	32.31								
	R50ID005	10.01	3.78	4.80	1.81	0.32	0.06	15.00	35.78								
	R50ID006	10.88	4.14	4.80	1.81	0.53	0.09	16.33	38.58								
	R50ID007	11.08	4.18	4.80	1.81	0.25	0.04	16.60	38.76								
	R50ID008	11.76	4.43	4.80	1.81	0.25	0.04	17.61	40.70								
	R50IN001	6.57	2.48	3.04	1.15	0.20	0.04	9.84	23.32								
	R50SI001	4.22	1.61	0.96	0.36	0.16	0.03	6.33	13.67								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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	***cont.***																
	R50SI002	5.15	1.97	1.08	0.41	0.21	0.04	7.74	16.60								
	R50SI003	7.63	2.89	2.92	1.10	0.21	0.04	11.43	26.22								
	R50SI004	10.19	3.84	3.64	1.37	0.21	0.04	15.26	34.55								
	R50SI005	13.85	5.20	3.44	1.30	0.21	0.04	20.73	44.77								
	R50SI006	5.89	2.22	2.44	0.92	0.17	0.03	8.83	20.50								
	R50SI007	6.45	2.43	2.44	0.92	0.17	0.03	9.66	22.10								
	R50SI008	7.47	2.87	3.44	1.30	0.53	0.09	11.23	26.93								
	R50SI009	7.70	2.95	3.44	1.30	0.53	0.09	11.57	27.58								
	R50SI010	8.44	3.19	3.44	1.30	0.29	0.05	12.65	29.36								
	R50SI011	8.34	3.14	3.44	1.30	0.22	0.04	12.49	28.97								
	R50SI012	9.46	3.55	3.44	1.30	0.22	0.04	14.15	32.16								
	R50SI013	8.97	3.44	4.72	1.78	0.61	0.11	13.49	33.12								
	R50SI014	9.57	3.66	4.72	1.78	0.61	0.11	14.38	34.83								
	R50SI015	9.52	3.58	4.72	1.78	0.22	0.04	14.25	34.11								
	R50SI016	10.49	4.01	4.72	1.78	0.61	0.11	15.75	37.47								
	R50SI017	12.01	4.57	4.72	1.78	0.61	0.11	18.02	41.82								
	R50SI018	20.64	7.78	6.52	2.46	0.61	0.11	30.92	69.04								
	R50SI019	21.79	8.21	6.52	2.46	0.61	0.11	32.64	72.34								
R55																	
	R55AE001	1.05	0.28	0.00	0.50	0.03	0.01	1.23	3.10								
	R55AE002	1.31	0.35	0.00	0.50	0.04	0.01	1.53	3.74								
	R55AE003	1.71	0.47	0.00	0.75	0.09	0.02	2.01	5.05								
	R55AE004	2.11	0.59	0.00	2.00	0.14	0.02	2.49	7.35								
	R55AE005	3.34	0.89	1.80	0.51	0.04	0.01	3.91	10.50								
	R55AE006	3.77	1.00	1.80	0.51	0.04	0.01	4.41	11.54								
	R55AE007	4.23	1.12	1.80	0.51	0.04	0.01	4.94	12.65								
	R55AE008	0.60	0.16	0.62	0.18	0.00	0.00	0.70	2.26								
	R55AE009	0.22	0.06	0.70	0.20	0.00	0.00	0.26	1.44								
	R55AE010	0.38	0.10	1.25	0.35	0.00	0.00	0.45	2.53								
	R55GL001	0.32	0.09	0.00	0.50	0.04	0.01	0.38	1.34								
	R55GL002	0.66	0.18	0.00	0.50	0.04	0.01	0.78	2.17								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
R55	*cont.*																
	R55GL003	0.98	0.26	0.00	0.75	0.04	0.01	1.15	3.19								
	R55GL004	1.23	0.33	0.00	0.75	0.04	0.01	1.44	3.80								
	R55GL005	3.99	1.04	1.95	0.55	0.00	0.00	4.66	12.19								
	R55GL006	4.75	1.24	1.95	0.55	0.00	0.00	5.55	14.04								
	R55GL007	1.26	0.33	1.41	0.40	0.00	0.00	1.47	4.87								
	R55GL008	0.29	0.08	0.31	0.09	0.00	0.00	0.34	1.11								
	R55GL009	0.22	0.06	0.62	0.18	0.00	0.00	0.26	1.34								
	R55GL010	0.39	0.10	1.25	0.35	0.00	0.00	0.46	2.55								
	R55GL011	0.40	0.10	1.25	0.35	0.00	0.00	0.46	2.56								
S10																	
	S10CA001	15.63	7.46	5.18	2.45	2.64	0.47	18.95	52.78	19.54	7.60	6.72	3.17	4.40	0.78	25.27	67.48
	S10CA002	24.56	10.64	7.84	2.96	4.03	0.71	24.23	74.97	30.70	10.84	10.18	3.84	6.70	1.19	32.61	96.06
	S10CA003	35.91	15.62	10.80	4.08	6.56	1.16	35.44	109.57	44.88	15.92	14.02	5.29	10.90	1.93	47.71	140.65
	S10FI002	36.55	15.75	9.77	3.69	5.31	0.94	36.03	108.04	45.69	16.05	12.67	4.78	8.81	1.56	48.49	138.05
	S10ID001	14.42	6.93	4.88	2.30	2.95	0.52	17.51	49.51	18.03	7.06	6.34	2.99	4.89	0.87	23.34	63.52
	S10JD001	13.69	6.65	5.33	2.52	3.32	0.59	16.65	48.75	17.11	6.77	6.91	3.26	5.51	0.98	22.20	62.74
	S10JD002	20.64	9.11	7.84	2.96	4.97	0.88	20.42	66.82	25.79	9.29	10.18	3.84	8.26	1.46	27.48	86.30
S15																	
	S15CA001	31.21	13.68	8.71	3.29	6.56	1.16	30.84	95.45	39.02	13.94	11.35	4.29	10.90	1.93	41.52	122.95
	S15CA002	49.87	21.80	11.88	4.49	9.98	1.77	49.27	149.06	62.34	22.22	15.48	5.85	16.58	2.93	66.31	191.71
	S15CA003	65.08	28.36	14.52	5.48	12.29	2.18	64.26	192.17	81.36	28.91	18.92	7.14	20.42	3.61	86.50	246.86
	S15FI001	32.06	13.98	8.71	3.29	6.09	1.08	31.66	96.87	40.07	14.24	11.35	4.29	10.12	1.79	42.61	124.47
	S15TE001	43.10	19.07	12.67	4.78	10.75	1.90	42.66	134.93	53.88	19.44	16.51	6.23	17.86	3.16	57.42	174.50
S20																	
	S20CA001	36.24	15.80	12.60	3.86	9.20	1.63	35.78	115.11	45.30	16.11	16.20	4.98	15.98	2.83	48.17	149.57
	S20CA002	38.69	16.82	12.60	3.86	9.20	1.63	38.19	120.99	48.36	17.14	16.20	4.98	15.98	2.83	51.40	156.89
	S20CA003	63.79	27.57	19.60	6.02	13.24	2.34	62.90	195.46	79.73	28.10	25.20	7.73	23.00	4.07	84.67	252.50
	S20CA004	66.42	28.66	19.60	6.02	13.24	2.34	65.48	201.76	83.03	29.21	25.20	7.73	23.00	4.07	88.14	260.38
	S20CA005	79.24	34.23	26.60	8.16	16.30	2.89	78.13	245.55	99.05	34.89	34.20	10.49	28.32	5.01	105.17	317.13
	S20CA006	85.13	36.68	26.60	8.16	16.30	2.89	83.91	259.67	106.41	37.39	34.20	10.49	28.32	5.01	112.94	334.76
	S20TE001	28.82	12.59	8.12	2.49	7.59	1.34	28.46	89.41	36.02	12.83	10.44	3.20	13.19	2.33	38.31	116.32

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
S20	***cont.***																
	S20TE002	56.57	24.66	20.72	6.35	14.26	2.52	55.86	180.94	70.72	25.14	26.64	8.17	24.77	4.38	75.20	235.02
S25																	
	S25RM001	6.30	3.74	0.00	1.51	1.76	0.31	7.20	20.82	7.55	3.79	0.00	1.51	2.30	0.41	9.25	24.81
	S25RM002	6.71	4.16	0.00	1.51	2.79	0.49	7.74	23.40	8.05	4.21	0.00	1.51	3.64	0.64	9.95	28.00
S30																	
	S30HW001	22.41	9.30	16.25	12.13	0.00	0.00	32.70	92.79								
	S30HW002	30.37	12.60	22.75	16.58	0.00	0.00	44.31	126.61								
	S30HW003	22.41	9.30	10.08	5.33	0.00	0.00	32.70	79.82								
	S30HW004	30.37	12.60	14.11	7.16	0.00	0.00	44.31	108.55								
	S30HW005	11.93	4.95	2.60	3.38	0.00	0.00	17.40	40.26								
	S30HW006	19.84	8.23	6.50	6.45	0.00	0.00	28.94	69.96								
	S30HW007	21.54	8.94	8.13	7.82	0.00	0.00	31.43	77.86								
	S30HW008	22.50	9.34	8.13	8.32	0.00	0.00	32.82	81.11								
	S30HW009	23.36	9.69	9.75	9.68	0.00	0.00	34.08	86.56								
	S30HW010	28.43	11.80	13.00	11.90	0.00	0.00	41.47	106.60								
	S30HW011	27.89	11.57	13.00	11.65	0.00	0.00	40.69	104.80								
	S30HW012	32.92	13.66	13.00	12.40	0.00	0.00	48.03	120.01								
	S30HW013	26.70	11.08	29.25	23.03	0.00	0.00	38.94	129.00								
	S30HW014	8.13	3.71	0.98	2.02	0.00	0.00	10.08	24.92								
	S30HW015	9.05	4.13	1.63	2.67	0.00	0.00	11.22	28.70								
	S30HW016	8.55	3.90	1.30	2.29	0.00	0.00	10.60	26.64								
	S30HW017	9.24	4.22	1.63	2.72	0.00	0.00	11.46	29.27								
	S30HW018	10.99	5.02	2.60	3.38	0.00	0.00	13.63	35.62								
	S30KB001	1.48	0.85	0.98	1.52	0.88	0.16	1.69	7.56								
	S30KB002	1.64	0.94	0.98	1.52	0.97	0.17	1.88	8.10								
	S30KB003	1.67	0.95	1.63	2.12	0.97	0.17	1.90	9.41								
	S30KB004	1.84	1.05	1.63	2.12	1.09	0.19	2.09	10.01								
	S30KB005	1.90	1.10	1.95	2.39	1.17	0.21	2.17	10.89								
	S30KB006	2.23	1.28	2.60	2.88	1.34	0.24	2.55	13.12								
	S30KB007	3.22	1.66	0.98	1.77	0.93	0.16	3.59	12.31								
	S30KB008	3.56	1.83	1.30	2.04	1.02	0.18	3.96	13.89								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
S30	*cont.*																
	S30KB009	4.49	2.27	1.30	2.04	1.12	0.20	4.98	16.40								
	S30KB010	3.33	1.73	1.63	2.27	1.03	0.18	3.71	13.88								
	S30KB011	3.72	1.92	1.95	2.54	1.15	0.20	4.14	15.62								
	S30KB012	5.47	2.74	2.60	2.98	1.28	0.23	6.05	21.35								
	S30KB013	4.50	2.29	1.95	2.64	1.26	0.22	4.99	17.85								
	S30KB014	5.35	2.71	3.25	3.43	1.43	0.25	5.94	22.36								
	S30KB015	6.01	3.04	3.90	3.87	1.60	0.28	6.67	25.37								
	S30KB016	2.46	1.24	1.30	1.94	0.65	0.12	2.72	10.43								
	S30KB017	2.53	1.29	1.30	1.94	0.75	0.13	2.81	10.75								
	S30KB018	4.60	2.27	1.63	2.22	0.94	0.17	5.07	16.90								
	S30KB019	2.73	1.39	1.95	2.44	0.77	0.14	3.03	12.45								
	S30KB020	3.03	1.54	1.95	2.44	0.90	0.16	3.37	13.39								
	S30KB021	5.56	2.74	2.60	2.88	1.13	0.20	6.12	21.23								
	S30KB022	3.29	1.68	3.25	3.43	1.02	0.18	3.65	16.50								
	S30KB023	4.03	2.05	3.25	3.48	1.20	0.21	4.47	18.69								
	S30KB024	6.49	3.23	3.90	4.02	1.50	0.27	7.16	26.57								
	S30KB025	3.38	1.66	0.98	1.77	0.65	0.12	3.73	12.29								
	S30KB026	4.03	1.98	0.98	1.82	0.75	0.13	4.44	14.13								
	S30KB027	5.06	2.48	1.30	2.09	0.94	0.17	5.57	17.61								
	S30KB028	4.28	2.09	1.95	2.54	0.77	0.14	4.71	16.48								
	S30KB029	4.75	2.33	1.95	2.54	0.90	0.16	5.23	17.86								
	S30KB030	5.85	2.87	2.60	2.98	1.13	0.20	6.44	22.07								
	S30KB031	5.00	2.47	3.25	3.48	1.02	0.18	5.52	20.92								
	S30KB032	6.03	2.97	3.25	3.58	1.20	0.21	6.65	23.89								
	S30KB033	7.01	3.47	3.90	3.97	1.50	0.27	7.74	27.86								
	S30KB034	14.77	6.29	4.88	5.09	0.92	0.16	21.63	53.74								
	S30KB035	15.25	6.50	6.50	6.45	0.92	0.16	22.34	58.12								
	S30KB036	17.37	7.38	6.50	6.45	0.92	0.16	25.43	64.21								
	S30KB037	5.43	2.56	2.10	2.69	0.41	0.07	6.78	20.04								
	S30KB038	5.81	2.76	2.10	2.69	0.54	0.10	7.26	21.26								
	S30KB039	6.52	3.07	2.76	3.16	0.48	0.08	8.14	24.21								
	S30KB040	6.90	3.26	2.76	3.16	0.54	0.10	8.62	25.34								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
S30	***cont.***																
	S30KL001	6.00	2.76	0.00	2.50	0.09	0.02	7.45	18.82								
	S30KL002	7.47	3.44	0.00	3.00	0.13	0.02	9.28	23.34								
	S30KL003	9.26	4.26	0.00	3.50	0.13	0.02	11.50	28.67								
	S30RA001	3.37	1.56	0.69	1.48	0.10	0.02	4.19	11.41								
	S30RA002	4.84	2.23	0.69	1.48	0.10	0.02	6.01	15.37								
	S30RA003	7.48	3.46	1.04	2.09	0.20	0.04	9.31	23.62								
	S30RA004	9.41	4.34	1.41	2.47	0.20	0.04	11.69	29.56								
	S30TS001	1.83	0.94	0.98	1.52	0.59	0.10	2.04	8.00								
	S30TS002	2.30	1.19	0.98	1.52	0.79	0.14	2.56	9.48								
	S30TS003	1.90	0.99	1.30	1.94	0.71	0.13	2.12	9.09								
	S30TS004	2.36	1.24	1.30	1.94	0.96	0.17	2.64	10.61								
	S30TS005	1.97	1.06	0.98	1.52	0.96	0.17	2.21	8.87								
	S30TS006	2.40	1.32	1.30	2.19	1.31	0.23	2.72	11.47								
	S30TS007	2.15	1.17	0.98	1.52	1.11	0.20	2.42	9.55								
	S30TS008	2.38	1.43	1.30	2.19	2.01	0.36	2.74	12.41								
	S30TS009	16.89	7.01	19.50	13.35	0.00	0.00	24.64	81.39								
	S30TS010	25.71	10.67	26.00	17.81	0.00	0.00	37.51	117.70								
	S30TS011	43.81	18.18	52.00	35.61	0.00	0.00	63.91	213.51								
	S30TS012	13.09	5.43	13.00	9.40	0.00	0.00	19.10	60.02								
	S30TS013	13.31	5.52	13.00	9.40	0.00	0.00	19.42	60.65								
	S30TS014	18.06	7.49	16.25	11.63	0.00	0.00	26.34	79.77								
	S30TS015	25.05	10.39	16.25	11.63	0.00	0.00	36.54	99.86								
	S30TS016	24.87	10.32	19.50	13.85	0.00	0.00	36.28	104.82								
	S30TS017	25.43	10.55	19.50	13.85	0.00	0.00	37.10	106.43								
	S30TS018	46.03	19.10	26.00	18.81	0.00	0.00	67.15	177.09								
	S30TS019	46.91	19.46	26.00	18.81	0.00	0.00	68.43	179.61								
	S30TS020	6.89	2.86	6.50	5.95	0.00	0.00	10.06	32.26								
	S30TS021	10.24	4.25	13.00	9.90	0.00	0.00	14.93	52.32								
	S30TS022	14.76	6.13	19.50	14.35	0.00	0.00	21.54	76.28								
	S30TS023	19.24	7.98	26.00	18.81	0.00	0.00	28.06	100.09								
	S30TS024	25.32	10.51	19.50	14.35	0.00	0.00	36.94	106.62								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
S35																	
	S35AR001	0.27	0.10	0.00	0.00	0.00	0.00	0.34	0.71								
	S35AR002	0.45	0.17	0.00	0.00	0.00	0.00	0.55	1.17								
S40																	
	S40CA001	18.63	8.56	9.92	3.28	0.36	0.06	25.39	66.20	23.29	8.71	12.86	4.25	0.55	0.10	35.47	85.23
	S40CA002	17.40	8.11	9.92	3.28	1.17	0.21	23.79	63.88	21.75	8.26	12.86	4.25	1.85	0.33	33.23	82.53
	S40SI020	57.34	26.54	10.06	3.32	3.49	0.62	78.28	179.65	71.67	27.04	13.06	4.32	5.90	1.04	109.34	232.37
	S40SI021	54.77	25.16	11.25	3.72	1.49	0.26	74.65	171.30	68.46	25.62	14.59	4.82	2.51	0.44	104.28	220.72
S45																	
	S45DA001	1.57	0.45	0.00	1.10	0.00	0.00	2.43	5.55								
	S45DA002	1.84	0.53	0.00	1.20	0.00	0.00	2.85	6.42								
	S45DA003	1.89	0.54	0.00	1.30	0.00	0.00	2.94	6.67								
T10																	
	T10CA001	0.94	0.43	0.00	0.08	0.00	0.00	1.23	2.68	1.17	0.44	0.00	0.08	0.00	0.00	1.73	3.42
	T10CA002	0.72	0.33	0.00	0.08	0.00	0.00	0.95	2.08	0.90	0.34	0.00	0.08	0.00	0.00	1.33	2.65
	T10CA003	1.14	0.52	0.00	0.08	0.00	0.00	1.50	3.24	1.43	0.53	0.00	0.08	0.00	0.00	2.11	4.15
	T10CA004	1.55	0.71	0.00	0.08	0.00	0.00	2.04	4.38	1.94	0.72	0.00	0.08	0.00	0.00	2.86	5.60
	T10CA005	2.04	0.93	0.00	0.08	0.00	0.00	2.67	5.72	2.54	0.95	0.00	0.08	0.00	0.00	3.76	7.33
	T10CA006	1.34	0.61	0.00	0.08	0.00	0.00	1.76	3.79	1.68	0.62	0.00	0.08	0.00	0.00	2.48	4.86
	T10CA007	1.70	0.78	0.00	0.08	0.00	0.00	2.24	4.80	2.13	0.79	0.00	0.08	0.00	0.00	3.15	6.15
	T10CA008	2.04	0.93	0.00	0.08	0.00	0.00	2.68	5.73	2.55	0.95	0.00	0.08	0.00	0.00	3.76	7.34
	T10CA009	1.68	0.77	0.00	0.08	0.00	0.00	2.21	4.74	2.10	0.78	0.00	0.08	0.00	0.00	3.11	6.07
	T10CA010	1.87	0.85	0.00	0.08	0.00	0.00	2.45	5.25	2.33	0.87	0.00	0.08	0.00	0.00	3.45	6.73
	T10CA011	2.36	1.08	0.00	0.08	0.00	0.00	3.10	6.62	2.95	1.10	0.00	0.08	0.00	0.00	4.36	8.49
	T10CA012	2.58	1.18	0.00	0.08	0.00	0.00	3.39	7.23	3.22	1.20	0.00	0.08	0.00	0.00	4.76	9.26
	T10CA013	2.84	1.30	0.00	0.08	0.00	0.00	3.73	7.95	3.55	1.32	0.00	0.08	0.00	0.00	5.24	10.19
	T10CA014	2.66	1.22	0.00	0.08	0.00	0.00	3.50	7.46	3.33	1.24	0.00	0.08	0.00	0.00	4.92	9.57
	T10CA015	2.93	1.34	0.00	0.10	0.00	0.00	3.85	8.22	3.67	1.36	0.00	0.10	0.00	0.00	5.42	10.55
	T10CA016	3.24	1.48	0.00	0.12	0.00	0.00	4.25	9.09	4.05	1.50	0.00	0.12	0.00	0.00	5.98	11.65
	T10CA017	3.48	1.59	0.00	0.13	0.00	0.00	4.57	9.77	4.35	1.62	0.00	0.13	0.00	0.00	6.43	12.53
	T10CA018	3.25	1.48	0.00	0.13	0.00	0.00	4.27	9.13	4.06	1.51	0.00	0.13	0.00	0.00	6.00	11.70
	T10CA019	0.11	0.05	0.00	0.05	0.00	0.00	0.15	0.36	0.14	0.05	0.00	0.05	0.00	0.00	0.21	0.45

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T10	*cont.*																
	T10CA020	2.93	1.34	0.00	0.15	0.00	0.00	3.85	8.27	3.67	1.36	0.00	0.15	0.00	0.00	5.42	10.60
	T10CA021	4.57	2.09	0.00	0.19	0.00	0.00	6.01	12.86	5.72	2.13	0.00	0.19	0.00	0.00	8.45	16.49
	T10CA022	4.77	2.18	0.00	0.19	0.00	0.00	6.27	13.41	5.97	2.22	0.00	0.19	0.00	0.00	8.82	17.20
	T10CA023	3.36	1.53	0.00	0.20	0.00	0.00	4.41	9.50	4.20	1.56	0.00	0.20	0.00	0.00	6.21	12.17
	T10CA024	6.33	2.89	0.00	0.28	0.00	0.00	8.32	17.82	7.91	2.94	0.00	0.28	0.00	0.00	11.69	22.82
	T10CA025	6.79	3.10	0.00	0.29	0.00	0.00	8.92	19.10	8.49	3.16	0.00	0.29	0.00	0.00	12.54	24.48
	T10CA026	8.97	4.10	0.00	0.40	0.00	0.00	11.79	25.26	11.22	4.17	0.00	0.40	0.00	0.00	16.57	32.36
	T10CA027	9.78	4.46	0.00	0.42	0.00	0.00	12.84	27.50	12.22	4.54	0.00	0.42	0.00	0.00	18.05	35.23
	T10ID001	1.42	0.65	0.00	0.05	0.00	0.00	1.87	3.99	1.78	0.66	0.00	0.05	0.00	0.00	2.63	5.12
	T10ID002	1.61	0.74	0.00	0.05	0.00	0.00	2.12	4.52	2.01	0.75	0.00	0.05	0.00	0.00	2.98	5.79
	T10ID003	2.36	1.08	0.00	0.05	0.00	0.00	3.11	6.60	2.95	1.10	0.00	0.05	0.00	0.00	4.37	8.47
	T10ID004	2.58	1.18	0.00	0.05	0.00	0.00	3.38	7.19	3.22	1.20	0.00	0.05	0.00	0.00	4.76	9.23
	T10ID005	3.28	1.50	0.00	0.10	0.00	0.00	4.31	9.19	4.11	1.53	0.00	0.10	0.00	0.00	6.07	11.81
	T10ID006	3.51	1.60	0.00	0.12	0.00	0.00	4.62	9.85	4.39	1.63	0.00	0.12	0.00	0.00	6.49	12.63
	T10ID007	3.51	1.60	0.00	0.08	0.00	0.00	4.61	9.80	4.39	1.63	0.00	0.08	0.00	0.00	6.48	12.58
	T10ID008	3.93	1.80	0.00	0.13	0.00	0.00	5.17	11.03	4.92	1.83	0.00	0.13	0.00	0.00	7.27	14.15
	T10JD001	0.45	0.21	0.00	0.00	0.00	0.00	0.59	1.25	0.56	0.21	0.00	0.00	0.00	0.00	0.83	1.60
	T10KM001	1.01	0.46	0.00	0.15	0.00	0.00	1.33	2.95	1.26	0.47	0.00	0.15	0.00	0.00	1.87	3.75
	T10KM002	1.04	0.47	0.00	0.15	0.00	0.00	1.36	3.02	1.30	0.48	0.00	0.15	0.00	0.00	1.92	3.85
	T10KM003	1.09	0.50	0.00	0.15	0.00	0.00	1.44	3.18	1.37	0.51	0.00	0.15	0.00	0.00	2.02	4.05
	T10KM004	1.24	0.57	0.00	0.15	0.00	0.00	1.63	3.59	1.55	0.58	0.00	0.15	0.00	0.00	2.29	4.57
	T10KM005	1.53	0.70	0.00	0.18	0.00	0.00	2.01	4.42	1.92	0.71	0.00	0.18	0.00	0.00	2.83	5.64
	T10KM008	2.58	1.18	0.00	0.25	0.00	0.00	3.39	7.40	3.23	1.20	0.00	0.25	0.00	0.00	4.77	9.45
	T10KM009	3.07	1.40	0.00	0.35	0.00	0.00	4.03	8.85	3.84	1.43	0.00	0.35	0.00	0.00	5.67	11.29
	T10KM011	4.00	1.83	0.00	0.40	0.00	0.00	5.26	11.49	5.00	1.86	0.00	0.40	0.00	0.00	7.39	14.65
	T10KM012	4.54	2.07	0.00	0.45	0.00	0.00	5.97	13.03	5.68	2.11	0.00	0.45	0.00	0.00	8.39	16.63
	T10KM013	4.10	1.87	0.00	0.40	0.00	0.00	5.39	11.76	5.13	1.91	0.00	0.40	0.00	0.00	7.58	15.02
	T10KM014	5.37	2.45	0.00	0.64	0.00	0.00	7.06	15.52	6.71	2.50	0.00	0.64	0.00	0.00	9.92	19.77
	T10KM015	4.08	1.86	0.00	0.40	0.00	0.00	5.36	11.70	5.10	1.90	0.00	0.40	0.00	0.00	7.53	14.93
	T10KM016	6.71	3.06	0.00	0.70	0.00	0.00	8.81	19.28	8.39	3.12	0.00	0.70	0.00	0.00	12.39	24.60
	T10LE001	0.53	0.24	0.00	0.00	0.00	0.00	0.69	1.46	0.66	0.25	0.00	0.00	0.00	0.00	0.98	1.89
	T10LE002	0.61	0.28	0.00	0.00	0.00	0.00	0.80	1.69	0.76	0.28	0.00	0.00	0.00	0.00	1.12	2.16

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T10	*cont.*																
	T10LE003	0.65	0.30	0.00	0.00	0.00	0.00	0.85	1.80	0.81	0.30	0.00	0.00	0.00	0.00	1.20	2.31
	T10LE004	1.10	0.50	0.00	0.00	0.00	0.00	1.44	3.04	1.37	0.51	0.00	0.00	0.00	0.00	2.03	3.91
	T10LE005	1.36	0.62	0.00	0.00	0.00	0.00	1.79	3.77	1.70	0.63	0.00	0.00	0.00	0.00	2.51	4.84
T15																	
	T15CA002	4.93	2.48	2.03	0.86	0.00	0.00	10.36	20.66	6.16	2.52	2.65	1.13	0.00	0.00	14.02	26.48
	T15CA003	4.61	2.32	2.09	0.89	0.00	0.00	9.69	19.60	5.76	2.36	2.73	1.16	0.00	0.00	13.12	25.13
	T15CA004	5.78	2.91	2.96	1.26	0.00	0.00	12.15	25.06	7.23	2.96	3.88	1.65	0.00	0.00	16.45	32.17
	T15CA005	6.85	3.45	2.81	1.19	0.00	0.00	14.39	28.69	8.56	3.50	3.67	1.56	0.00	0.00	19.48	36.77
	T15CA006	9.77	4.92	3.74	1.59	0.00	0.00	20.54	40.56	12.22	5.00	4.90	2.08	0.00	0.00	27.80	52.00
	T15CA007	11.18	5.63	3.90	1.66	0.00	0.00	23.49	45.86	13.97	5.72	5.10	2.17	0.00	0.00	31.80	58.76
	T15CA008	9.76	4.92	4.37	1.86	0.00	0.00	20.52	41.43	12.20	5.00	5.71	2.43	0.00	0.00	27.78	53.12
	T15CA009	11.04	5.56	5.15	2.19	0.00	0.00	23.21	47.15	13.81	5.65	6.73	2.86	0.00	0.00	31.42	60.47
	T15CA010	12.27	6.18	5.15	2.19	0.00	0.00	25.78	51.57	15.34	6.28	6.73	2.86	0.00	0.00	34.90	66.11
	T15CA011	14.06	7.08	5.15	2.19	0.00	0.00	29.54	58.02	17.57	7.19	6.73	2.86	0.00	0.00	40.00	74.35
	T15CA012	17.09	8.60	6.24	2.65	0.00	0.00	35.91	70.49	21.36	8.74	8.16	3.47	0.00	0.00	48.62	90.35
	T15CA013	18.50	9.31	6.71	2.85	0.00	0.00	38.87	76.24	23.12	9.47	8.77	3.73	0.00	0.00	52.63	97.72
	T15CA014	21.24	10.69	6.71	2.85	0.00	0.00	44.63	86.12	26.55	10.87	8.77	3.73	0.00	0.00	60.42	110.34
	T15CA015	28.24	12.89	10.45	3.45	0.00	0.00	46.34	101.37	35.29	13.13	13.67	4.52	0.00	0.00	63.75	130.36
	T15CA016	23.03	10.51	8.89	2.94	0.00	0.00	37.79	83.16	28.78	10.70	11.63	3.84	0.00	0.00	51.99	106.94
	T15CA017	31.93	14.57	11.54	3.81	0.00	0.00	52.40	114.25	39.91	14.84	15.10	4.99	0.00	0.00	72.08	146.92
	T15CA018	38.28	18.82	16.22	4.59	0.00	0.00	65.07	142.98	45.93	19.06	21.22	6.01	0.00	0.00	85.17	177.39
	T15CA019	66.57	32.72	24.02	6.80	0.00	0.00	113.17	243.28	79.89	33.15	31.42	8.90	0.00	0.00	148.12	301.48
	T15CS001	4.34	2.19	1.97	0.84	0.00	0.00	9.13	18.47	5.43	2.22	2.57	1.09	0.00	0.00	12.36	23.67
	T15CS002	6.03	3.04	2.56	1.09	0.00	0.00	12.68	25.40	7.54	3.09	3.35	1.42	0.00	0.00	17.17	32.57
	T15CS003	6.30	3.17	2.56	1.09	0.00	0.00	13.23	26.35	7.87	3.22	3.35	1.42	0.00	0.00	17.91	33.77
	T15FI001	5.06	2.55	2.18	0.93	0.00	0.00	10.63	21.35	6.33	2.59	2.86	1.21	0.00	0.00	14.40	27.39
	T15FI002	6.10	3.07	2.62	1.11	0.00	0.00	12.81	25.71	7.62	3.12	3.43	1.46	0.00	0.00	17.34	32.97
	T15FI003	8.92	4.49	3.34	1.42	0.00	0.00	18.74	36.91	11.15	4.56	4.37	1.86	0.00	0.00	25.37	47.31
	T15FI004	9.83	4.95	3.81	1.62	0.00	0.00	20.66	40.87	12.29	5.03	4.98	2.12	0.00	0.00	27.97	52.39
	T15FI008	20.65	10.40	7.08	3.01	0.00	0.00	43.40	84.54	25.81	10.57	9.26	3.93	0.00	0.00	58.75	108.32
	T15FI009	26.32	12.01	9.36	3.09	0.00	0.00	43.19	93.97	32.90	12.24	12.24	4.04	0.00	0.00	59.42	120.84

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T15	*cont.*																
	T15FI010	28.44	12.98	10.61	3.51	0.00	0.00	46.68	102.22	35.55	13.22	13.87	4.58	0.00	0.00	64.22	131.44
	T15FI011	38.12	18.74	14.20	4.02	0.00	0.00	64.80	139.88	45.74	18.98	18.56	5.26	0.00	0.00	84.81	173.35
	T15FI012	36.34	17.86	14.82	4.20	0.00	0.00	61.78	135.00	43.61	18.09	19.38	5.49	0.00	0.00	80.86	167.43
	T15FI013	44.32	21.79	16.38	4.64	0.00	0.00	75.35	162.48	53.19	22.07	21.42	6.07	0.00	0.00	98.62	201.37
	T15HU001	7.96	4.01	3.12	1.33	0.00	0.00	16.73	33.15	9.95	4.07	4.08	1.73	0.00	0.00	22.66	42.49
	T15HU002	9.69	4.88	3.99	1.70	0.00	0.00	20.36	40.62	12.11	4.96	5.22	2.22	0.00	0.00	27.57	52.08
	T15ID001	5.14	2.59	2.18	0.93	0.00	0.00	10.81	21.65	6.43	2.63	2.86	1.21	0.00	0.00	14.63	27.76
	T15ID002	6.61	3.33	2.50	1.06	0.00	0.00	13.89	27.39	8.26	3.38	3.26	1.38	0.00	0.00	18.81	35.09
	T15ID003	9.63	4.85	3.43	1.46	0.00	0.00	20.24	39.61	12.04	4.93	4.49	1.91	0.00	0.00	27.40	50.77
	T15ID004	11.07	5.57	4.37	1.86	0.00	0.00	23.26	46.13	13.83	5.66	5.71	2.43	0.00	0.00	31.49	59.12
	T15ID005	17.22	8.67	7.02	2.98	0.00	0.00	36.18	72.07	21.52	8.81	9.18	3.90	0.00	0.00	48.98	92.39
	T15ID006	24.61	11.23	9.98	3.30	0.00	0.00	40.40	89.52	30.77	11.44	13.06	4.32	0.00	0.00	55.57	115.16
	T15ID007	31.99	15.72	14.35	4.06	0.00	0.00	54.38	120.50	38.39	15.93	18.77	5.32	0.00	0.00	71.17	149.58
	T15ID008	34.43	16.92	16.22	4.59	0.00	0.00	58.52	130.68	41.31	17.14	21.22	6.01	0.00	0.00	76.60	162.28
	T15JD001	4.00	2.01	1.87	0.79	0.00	0.00	8.40	17.07	4.99	2.04	2.45	1.04	0.00	0.00	11.37	21.89
	T15JD002	4.53	2.28	2.18	0.93	0.00	0.00	9.52	19.44	5.66	2.32	2.86	1.21	0.00	0.00	12.89	24.94
	T15JD003	5.23	2.63	2.50	1.06	0.00	0.00	10.98	22.40	6.53	2.67	3.26	1.38	0.00	0.00	14.87	28.71
	T15JD004	5.86	2.95	2.81	1.19	0.00	0.00	12.30	25.11	7.32	3.00	3.67	1.56	0.00	0.00	16.66	32.21
	T15JD005	9.17	4.62	3.74	1.59	0.00	0.00	19.27	38.39	11.46	4.69	4.90	2.08	0.00	0.00	26.09	49.22
	T15JD006	9.43	4.75	3.74	1.59	0.00	0.00	19.82	39.33	11.79	4.83	4.90	2.08	0.00	0.00	26.84	50.44
	T15JD007	11.96	6.02	5.15	2.19	0.00	0.00	25.13	50.45	14.95	6.12	6.73	2.86	0.00	0.00	34.02	64.68
	T15JD008	12.75	6.42	5.15	2.19	0.00	0.00	26.78	53.29	15.93	6.52	6.73	2.86	0.00	0.00	36.26	68.30
	T15KM004	12.29	6.19	4.37	1.86	0.00	0.00	25.82	50.53	15.36	6.29	5.71	2.43	0.00	0.00	34.96	64.75
	T15KM005	15.78	7.94	5.62	2.39	0.00	0.00	33.16	64.89	19.72	8.07	7.34	3.12	0.00	0.00	44.89	83.14
	T15KM006	19.07	9.60	6.40	2.72	0.00	0.00	40.08	77.87	23.84	9.76	8.36	3.55	0.00	0.00	54.27	99.78
	T15KM009	37.87	17.28	12.60	4.16	0.00	0.00	62.15	134.06	47.33	17.60	16.48	5.45	0.00	0.00	85.49	172.35
	T15KM010	45.63	22.43	16.38	4.64	0.00	0.00	77.58	166.66	54.76	22.72	21.42	6.07	0.00	0.00	101.53	206.50
	T15KM011	76.45	37.58	24.02	6.80	0.00	0.00	129.97	274.82	91.74	38.07	31.42	8.90	0.00	0.00	170.10	340.23
T20																	
	T20CA001	19.82	8.52	6.05	2.00	2.71	0.48	17.61	57.19	24.77	8.69	7.90	2.61	5.67	1.00	23.86	74.50
	T20CA002	28.18	12.32	8.93	2.95	5.63	1.00	25.10	84.11	35.22	12.55	11.66	3.85	11.80	2.09	34.00	111.17

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T20	*cont.*																
	T20CA003	41.95	18.45	12.96	4.28	6.74	1.19	37.39	122.96	52.43	18.81	16.92	5.59	14.11	2.50	50.66	161.02
	T20MC001	25.28	11.16	9.65	3.19	4.86	0.86	22.55	77.55	31.60	11.38	12.60	4.16	9.86	1.75	30.55	101.90
	T20MC002	43.77	20.72	16.47	5.44	13.19	2.33	39.49	141.41	54.72	21.12	21.51	7.11	26.77	4.74	53.50	189.47
T25																	
	T25JD001	1.92	0.71	1.53	0.51	0.42	0.07	2.01	7.17								
	T25JD002	2.13	0.77	1.84	0.61	0.37	0.07	2.22	8.01								
	T25JD003	2.41	0.86	2.07	0.68	0.37	0.07	2.51	8.97								
	T25JD004	2.70	0.96	2.51	0.83	0.35	0.06	2.80	10.21								
T30																	
	T30DW001	0.44	0.17	0.76	0.25	0.04	0.01	0.62	2.29	0.54	0.18	1.00	0.33	0.05	0.01	0.85	2.96
	T30DW002	1.73	0.65	1.69	0.56	0.06	0.01	2.44	7.14	2.13	0.67	2.22	0.73	0.08	0.01	3.33	9.17
	T30DW003	3.36	1.27	2.36	0.78	0.08	0.01	4.74	12.60	4.14	1.29	3.10	1.02	0.11	0.02	6.48	16.16
	T30DW004	1.94	0.74	2.53	0.84	0.08	0.01	2.74	8.88	2.39	0.75	3.33	1.10	0.11	0.02	3.74	11.44
	T30DW005	3.08	1.16	1.24	0.41	0.08	0.01	4.34	10.32	3.79	1.18	1.62	0.54	0.11	0.02	5.93	13.19
	T30DW006	4.14	1.60	1.67	0.55	0.29	0.05	5.87	14.17	5.10	1.63	2.18	0.72	0.41	0.07	8.02	18.13
	T30DW007	4.42	1.70	1.84	0.61	0.29	0.05	6.25	15.16	5.43	1.73	2.41	0.80	0.41	0.07	8.55	19.40
	T30DW008	5.25	2.01	1.84	0.61	0.29	0.05	7.42	17.47	6.46	2.05	2.41	0.80	0.41	0.07	10.15	22.35
	T30DW009	5.62	2.14	2.13	0.70	0.29	0.05	7.94	18.87	6.91	2.19	2.78	0.92	0.41	0.07	10.86	24.14
	T30TM001	22.55	8.39	4.75	1.57	0.00	0.00	31.71	68.97	27.75	8.55	6.20	2.05	0.00	0.00	43.36	87.91
	T30TM002	23.06	8.58	4.75	1.57	0.00	0.00	32.43	70.39	28.38	8.75	6.20	2.05	0.00	0.00	44.35	89.73
	T30TM003	25.03	9.31	4.75	1.57	0.00	0.00	35.20	75.86	30.81	9.49	6.20	2.05	0.00	0.00	48.14	96.69
	T30TM004	24.32	9.05	4.75	1.57	0.00	0.00	34.20	73.89	29.93	9.22	6.20	2.05	0.00	0.00	46.77	94.17
	T30TM005	24.80	9.22	4.75	1.57	0.00	0.00	34.87	75.21	30.52	9.40	6.20	2.05	0.00	0.00	47.68	95.85
	T30TM006	26.71	9.93	4.75	1.57	0.00	0.00	37.56	80.52	32.88	10.13	6.20	2.05	0.00	0.00	51.37	102.63
	T30TM007	28.66	10.66	4.75	1.57	0.00	0.00	40.30	85.94	35.27	10.87	6.20	2.05	0.00	0.00	55.12	109.51
	T30TM008	29.77	11.07	4.75	1.57	0.00	0.00	41.86	89.02	36.64	11.29	6.20	2.05	0.00	0.00	57.25	113.43
	T30TM009	31.76	11.81	7.78	2.57	0.00	0.00	44.66	98.58	39.09	12.04	10.15	3.35	0.00	0.00	61.07	125.70
	T30TM010	35.81	13.32	7.78	2.57	0.00	0.00	50.35	109.83	44.07	13.58	10.15	3.35	0.00	0.00	68.86	140.01
	T30TM012	61.24	22.77	11.58	3.83	0.00	0.00	86.12	185.54	75.37	23.22	15.12	5.00	0.00	0.00	117.76	236.47
	T30TM013	63.73	23.70	11.58	3.83	0.00	0.00	89.63	192.47	78.44	24.17	15.12	5.00	0.00	0.00	122.57	245.30
	T30TM014	65.25	24.27	14.49	4.79	0.00	0.00	91.75	200.55	80.30	24.75	18.91	6.25	0.00	0.00	125.47	255.68

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T30	*cont.*																
	T30TM015	67.64	25.16	14.49	4.79	0.00	0.00	95.12	207.20	83.25	25.65	18.91	6.25	0.00	0.00	130.08	264.14
	T30VE001	1.11	0.41	1.52	0.50	0.00	0.00	1.56	5.10	1.37	0.42	2.00	0.66	0.00	0.00	2.14	6.59
	T30VE002	2.44	0.95	1.01	0.33	0.19	0.03	3.46	8.41	3.00	0.97	1.32	0.44	0.26	0.05	4.73	10.77
	T30VE003	4.44	1.71	1.56	0.52	0.25	0.04	6.29	14.81	5.46	1.74	2.03	0.67	0.33	0.06	8.60	18.89
	T30VE004	5.58	2.13	1.53	0.51	0.25	0.04	7.88	17.92	6.86	2.17	1.99	0.66	0.33	0.06	10.78	22.85
	T30VE005	11.02	4.10	3.25	1.07	0.00	0.00	15.50	34.94	13.56	4.18	4.25	1.40	0.00	0.00	21.19	44.58
	T30VE006	18.47	6.87	5.04	1.67	0.00	0.00	25.98	58.03	22.74	7.01	6.58	2.17	0.00	0.00	35.52	74.02
T35																	
	T35BG001	13.56	6.19	2.88	0.95	0.00	0.00	19.06	42.64	16.94	6.30	3.76	1.24	0.00	0.00	26.48	54.72
	T35BG002	19.52	8.91	4.61	1.52	0.00	0.00	27.46	62.02	24.41	9.08	6.02	1.99	0.00	0.00	38.13	79.63
	T35BG003	25.74	11.75	4.61	1.52	0.00	0.00	36.19	79.81	32.17	11.97	6.02	1.99	0.00	0.00	50.27	102.42
	T35CT001	15.00	6.84	4.03	1.33	0.00	0.00	21.09	48.29	18.75	6.97	5.26	1.74	0.00	0.00	29.29	62.01
	T35CT002	18.05	8.24	4.03	1.33	0.00	0.00	25.38	57.03	22.56	8.39	5.26	1.74	0.00	0.00	35.25	73.20
	T35CT003	20.07	9.16	5.33	1.76	0.00	0.00	28.22	64.54	25.09	9.33	6.96	2.30	0.00	0.00	39.20	82.88
	T35CT004	19.12	8.73	2.94	0.97	0.00	0.00	26.88	58.64	23.90	8.89	3.84	1.27	0.00	0.00	37.34	75.24
	T35CT005	19.20	8.76	2.94	0.97	0.00	0.00	27.00	58.87	24.00	8.93	3.84	1.27	0.00	0.00	37.50	75.54
	T35CT006	19.32	8.82	2.94	0.97	0.00	0.00	27.17	59.22	24.15	8.98	3.84	1.27	0.00	0.00	37.73	75.97
	T35CT007	20.00	9.13	2.94	0.97	0.00	0.00	28.13	61.17	25.00	9.30	3.84	1.27	0.00	0.00	39.06	78.47
	T35CT008	30.11	13.74	4.32	1.43	0.00	0.00	42.34	91.94	37.64	14.00	5.64	1.86	0.00	0.00	58.81	117.95
	T35CT009	29.22	13.34	4.32	1.43	0.00	0.00	41.09	89.40	36.53	13.58	5.64	1.86	0.00	0.00	57.07	114.68
	T35CT010	29.95	13.67	4.32	1.43	0.00	0.00	42.12	91.49	37.44	13.92	5.64	1.86	0.00	0.00	58.50	117.36
	T35CT011	31.54	14.39	5.04	1.67	0.00	0.00	44.35	96.99	39.42	14.66	6.58	2.17	0.00	0.00	61.60	124.43
T40																	
	T40LN001	5.10	2.01	0.00	0.50	1.71	0.30	5.34	14.96								
	T40LN003	3.41	1.18	0.00	0.50	0.16	0.03	3.50	8.78								
	T40LN004	2.07	0.70	0.00	0.50	0.00	0.00	2.12	5.39								
	T40LN005	2.11	0.71	0.00	0.50	0.00	0.00	2.16	5.48								
	T40LN006	2.15	0.73	0.00	0.50	0.00	0.00	2.20	5.58								
	T40LN007	2.25	0.76	0.00	0.50	0.00	0.00	2.30	5.81								
	T40LN008	2.32	0.78	0.00	0.50	0.00	0.00	2.36	5.96								
	T40LN009	2.35	0.80	0.00	0.50	0.00	0.00	2.40	6.05								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T40	*cont.*																
	T40LN010	2.35	0.80	0.00	0.50	0.00	0.00	2.40	6.05								
	T40LN011	2.40	0.81	0.00	0.50	0.00	0.00	2.45	6.16								
	T40MY001	0.49	0.18	0.00	0.00	0.00	0.00	0.53	1.20	0.60	0.19	0.00	0.00	0.00	0.00	0.75	1.54
	T40MY002	0.54	0.20	0.00	0.00	0.00	0.00	0.58	1.32	0.66	0.20	0.00	0.00	0.00	0.00	0.82	1.68
	T40MY003	0.61	0.23	0.00	0.00	0.00	0.00	0.66	1.50	0.75	0.23	0.00	0.00	0.00	0.00	0.92	1.90
	T40MY004	0.66	0.25	0.00	0.00	0.00	0.00	0.72	1.63	0.81	0.25	0.00	0.00	0.00	0.00	1.01	2.07
	T40MY005	0.74	0.28	0.00	0.00	0.00	0.00	0.81	1.83	0.91	0.28	0.00	0.00	0.00	0.00	1.13	2.32
	T40WL001	10.56	3.93	4.03	1.52	0.00	0.00	11.46	31.50								
	T40XX001	3.50	1.30	0.00	0.20	0.00	0.00	4.34	9.34								
	T40XX002	5.54	2.06	0.00	0.25	0.00	0.00	6.87	14.72								
	T40XX003	5.81	2.16	0.00	0.25	0.00	0.00	7.20	15.42								
	T40XX004	6.56	2.44	0.00	0.30	0.00	0.00	8.13	17.43								
	T40XX005	7.85	2.92	0.00	0.35	0.00	0.00	9.74	20.86								
	T40XX006	9.28	3.45	0.00	0.40	0.00	0.00	11.50	24.63								
	T40XX007	0.84	0.31	0.00	0.09	0.00	0.00	0.91	2.15	1.03	0.32	0.00	0.09	0.00	0.00	1.27	2.71
	T40XX008	1.33	0.49	0.00	0.09	0.00	0.00	1.44	3.35	1.63	0.50	0.00	0.09	0.00	0.00	2.02	4.24
	T40XX009	1.34	0.50	0.00	0.09	0.00	0.00	1.46	3.39	1.65	0.51	0.00	0.09	0.00	0.00	2.05	4.30
	T40XX010	1.36	0.51	0.00	0.09	0.00	0.00	1.48	3.44	1.68	0.52	0.00	0.09	0.00	0.00	2.08	4.37
	T40XX011	0.27	0.10	0.00	0.00	0.00	0.00	0.25	0.62								
	T40XX012	0.28	0.11	0.00	0.00	0.00	0.00	0.26	0.65								
	T40XX013	0.30	0.11	0.00	0.00	0.00	0.00	0.28	0.69								
	T40XX014	0.32	0.12	0.00	0.00	0.00	0.00	0.30	0.74								
	T40XX015	0.35	0.13	0.00	0.00	0.00	0.00	0.32	0.80								
	T40XX016	0.38	0.14	0.00	0.00	0.00	0.00	0.35	0.87								
	T40XX017	0.41	0.15	0.00	0.00	0.00	0.00	0.38	0.94								
	T40XX018	0.44	0.16	0.00	0.00	0.00	0.00	0.41	1.01								
	T40XX019	0.47	0.17	0.00	0.00	0.00	0.00	0.43	1.07								
	T40XX020	0.50	0.19	0.00	0.00	0.00	0.00	0.46	1.15								
	T40XX021	0.44	0.16	0.00	0.00	0.00	0.00	0.41	1.01								
	T40XX022	0.51	0.19	0.00	0.00	0.00	0.00	0.48	1.18								
	T40XX023	0.31	0.12	0.00	0.09	0.00	0.00	0.34	0.86								
	T40XX024	0.36	0.13	0.00	0.09	0.00	0.00	0.39	0.97								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T40	***cont.***																
	T40XX025	1.00	0.37	0.00	0.09	0.00	0.00	1.08	2.54								
	T40XX026	1.12	0.42	0.00	0.09	0.00	0.00	1.21	2.84								
	T40XX027	3.75	1.27	0.00	0.13	0.00	0.00	3.83	8.98								
	T40XX028	3.82	1.29	0.00	0.13	0.00	0.00	3.90	9.14								
	T40XX029	3.86	1.31	0.00	0.13	0.00	0.00	3.94	9.24								
	T40XX030	3.92	1.33	0.00	0.13	0.00	0.00	4.00	9.38								
	T40XX031	1.59	0.59	0.00	0.00	0.00	0.00	1.47	3.65								
	T40XX032	1.67	0.62	0.00	0.00	0.00	0.00	1.56	3.85								
	T40XX033	1.78	0.66	0.00	0.00	0.00	0.00	1.66	4.10								
T45																	
	T45HA001	2.36	1.10	0.00	0.50	0.14	0.02	2.95	7.07								
	T45HA002	2.86	1.33	0.00	0.60	0.14	0.02	3.57	8.52								
	T45HA003	3.82	1.77	0.00	0.70	0.18	0.03	4.77	11.27								
	T45MY001	1.63	0.82	0.00	0.30	0.86	0.15	1.72	5.48	2.04	0.83	0.00	0.30	1.03	0.18	2.46	6.84
	T45MY002	1.68	0.84	0.00	0.30	0.86	0.15	1.77	5.60	2.10	0.85	0.00	0.30	1.03	0.18	2.52	6.98
	T45MY003	1.95	0.95	0.00	0.30	0.86	0.15	2.05	6.26	2.44	0.97	0.00	0.30	1.03	0.18	2.92	7.84
	T45MY004	2.05	0.99	0.00	0.30	0.86	0.15	2.15	6.50	2.57	1.01	0.00	0.30	1.03	0.18	3.07	8.16
	T45MY005	1.99	1.04	0.00	0.30	1.29	0.23	2.11	6.96	2.49	1.06	0.00	0.30	1.55	0.27	3.01	8.68
	T45MY006	2.05	1.06	0.00	0.30	1.29	0.23	2.17	7.10	2.57	1.08	0.00	0.30	1.55	0.27	3.11	8.88
	T45MY007	2.15	1.10	0.00	0.30	1.29	0.23	2.28	7.35	2.69	1.13	0.00	0.30	1.55	0.27	3.25	9.19
	T45MY008	1.46	0.75	0.00	0.30	0.86	0.15	1.54	5.06	1.82	0.76	0.00	0.30	1.03	0.18	2.20	6.29
	T45MY009	1.50	0.77	0.00	0.30	0.86	0.15	1.59	5.17	1.88	0.78	0.00	0.30	1.03	0.18	2.27	6.44
	T45MY010	1.71	0.85	0.00	0.30	0.86	0.15	1.80	5.67	2.13	0.87	0.00	0.30	1.03	0.18	2.56	7.07
	T45MY011	1.81	0.89	0.00	0.30	0.86	0.15	1.90	5.91	2.26	0.91	0.00	0.30	1.03	0.18	2.71	7.39
	T45MY012	1.77	0.95	0.00	0.30	1.29	0.23	1.89	6.43	2.21	0.96	0.00	0.30	1.55	0.27	2.69	7.98
	T45MY013	1.82	0.97	0.00	0.30	1.29	0.23	1.94	6.55	2.27	0.98	0.00	0.30	1.55	0.27	2.77	8.14
	T45MY014	1.92	1.01	0.00	0.30	1.29	0.23	2.04	6.79	2.40	1.03	0.00	0.30	1.55	0.27	2.91	8.46
	T45MY015	1.62	0.81	0.00	0.40	0.86	0.15	1.58	5.42	2.02	0.83	0.00	0.40	1.03	0.18	2.28	6.74
	T45MY016	1.77	0.88	0.00	0.40	0.86	0.15	1.73	5.79	2.22	0.89	0.00	0.40	1.03	0.18	2.50	7.22
	T45MY017	1.92	1.01	0.00	0.40	1.29	0.23	1.89	6.74	2.40	1.03	0.00	0.40	1.55	0.27	2.73	8.38
	T45MY018	1.44	0.63	0.00	0.40	0.86	0.15	1.31	4.79								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T45	*cont.*																
	T45WR001	3.23	1.94	0.00	0.50	0.65	0.12	4.10	10.54								
	T45WR002	4.55	2.67	0.00	0.60	0.65	0.12	5.73	14.32								
	T45WR003	4.02	2.38	0.00	0.60	0.65	0.12	5.08	12.85								
	T45WR004	4.19	2.47	0.00	0.60	0.65	0.12	5.28	13.31								
	T45WR005	3.49	2.09	0.00	0.50	0.65	0.12	4.42	11.27								
	T45XX001	2.77	1.25	0.00	0.40	0.65	0.12	2.87	8.06	3.46	1.28	0.00	0.40	0.78	0.14	4.09	10.15
	T45XX002	3.33	1.49	0.00	0.40	0.65	0.12	3.43	9.42	4.16	1.51	0.00	0.40	0.78	0.14	4.91	11.90
	T45XX003	3.39	1.51	0.00	0.40	0.65	0.12	3.50	9.57	4.23	1.54	0.00	0.40	0.78	0.14	5.00	12.09
	T45XX004	3.96	1.79	0.00	0.40	0.92	0.16	4.10	11.33	4.95	1.83	0.00	0.40	1.10	0.19	5.86	14.33
	T45XX005	4.83	2.10	0.00	0.40	0.57	0.10	4.96	12.96	6.03	2.14	0.00	0.40	0.68	0.12	7.09	16.46
	T45XX006	9.27	4.33	0.00	0.40	2.95	0.52	9.65	27.12	11.59	4.41	0.00	0.40	3.55	0.63	13.78	34.36
	T45XX007	10.43	4.81	0.00	0.40	2.95	0.52	10.83	29.94	13.04	4.90	0.00	0.40	3.55	0.63	15.47	37.99
	T45XX008	3.73	1.66	0.00	0.40	0.65	0.12	3.58	10.14	4.67	1.69	0.00	0.40	0.78	0.14	5.16	12.84
	T45XX009	2.64	1.00	0.00	0.40	0.65	0.12	2.35	7.16								
	T45XX010	2.66	1.01	0.00	0.40	0.65	0.12	2.37	7.21								
	T45XX011	1.70	1.08	0.00	0.40	0.58	0.10	1.57	5.43								
	T45XX012	1.91	1.20	0.00	0.40	0.63	0.11	1.76	6.01								
	T45XX013	2.11	1.32	0.00	0.40	0.65	0.12	1.93	6.53								
	T45XX014	2.38	1.52	0.00	0.50	0.87	0.15	2.20	7.62								
	T45XX015	2.48	1.59	0.00	0.50	0.94	0.17	2.30	7.98								
	T45XX016	2.89	1.83	0.00	0.50	0.97	0.17	2.66	9.02								
	T45XX017	3.03	1.98	0.00	0.50	1.32	0.23	2.83	9.89								
	T45XX018	3.78	2.40	0.00	0.50	1.32	0.23	3.49	11.72								
	T45XX019	3.92	2.48	0.00	0.50	1.32	0.23	3.61	12.06								
	T45XX020	4.50	2.79	0.00	0.60	1.29	0.23	4.13	13.54								
	T45XX021	4.79	3.02	0.00	0.60	1.58	0.28	4.41	14.68								
	T45XX022	5.26	3.32	0.00	0.60	1.76	0.31	4.84	16.09								
	T45XX023	5.92	3.85	0.00	0.60	2.51	0.44	5.51	18.83								
	T45XX024	1.40	0.92	0.00	0.09	0.65	0.12	1.31	4.49								
	T45XX025	1.37	0.91	0.00	4.00	0.65	0.12	1.28	8.33								
	T45XX026	0.91	0.59	0.00	0.40	0.36	0.06	0.85	3.17								
	T45XX027	0.99	0.67	0.00	0.40	0.54	0.10	0.93	3.63								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T45	*cont.*																
	T45XX028	1.07	0.73	0.00	0.40	0.59	0.10	1.01	3.90								
	T45XX029	2.83	1.65	1.81	0.51	0.32	0.06	3.05	10.23								
	T45XX030	2.90	1.76	1.81	0.51	0.65	0.12	3.16	10.91								
	T45XX031	3.04	1.84	1.81	0.51	0.65	0.12	3.31	11.28								
T50																	
	T50FO001	1.66	0.62	2.36	0.78	0.19	0.03	2.07	7.71	2.11	0.64	3.10	1.02	0.24	0.04	2.83	9.98
	T50FO002	1.91	0.71	2.36	0.78	0.22	0.04	2.39	8.41	2.43	0.73	3.10	1.02	0.29	0.05	3.25	10.87
	T50FO003	1.83	0.69	2.36	0.78	0.19	0.03	2.29	8.17	2.33	0.70	3.10	1.02	0.24	0.04	3.12	10.55
	T50FO004	2.21	0.82	2.76	0.91	0.23	0.04	2.75	9.72	2.81	0.84	3.63	1.20	0.30	0.05	3.75	12.58
	T50FO005	2.04	0.77	2.76	0.91	0.31	0.05	2.55	9.39	2.59	0.79	3.63	1.20	0.39	0.07	3.48	12.15
	T50FO006	2.29	1.01	9.66	3.42	0.52	0.09	2.69	19.68	2.82	1.03	12.88	4.56	0.66	0.12	3.56	25.63
	T50FO007	2.46	1.08	4.13	1.27	0.52	0.09	2.88	12.43	3.03	1.10	5.36	1.64	0.66	0.12	3.82	15.73
	T50FO008	2.41	1.06	9.66	3.42	0.52	0.09	2.82	19.98	2.97	1.07	12.88	4.56	0.66	0.12	3.74	26.00
	T50FO009	2.86	1.24	4.25	1.30	0.52	0.09	3.34	13.60	3.52	1.26	5.52	1.69	0.66	0.12	4.43	17.20
	T50FO010	2.50	1.10	9.66	3.42	0.60	0.11	2.94	20.33	3.08	1.12	12.88	4.56	0.76	0.13	3.89	26.42
	T50FO011	3.16	1.42	4.75	1.46	1.03	0.18	3.73	15.73	3.89	1.45	6.18	1.90	1.32	0.23	4.94	19.91
	T50FO013	5.58	2.22	7.35	2.43	1.28	0.23	6.11	25.20	6.87	2.27	9.45	3.12	1.65	0.29	8.67	32.32
	T50FO014	5.74	2.28	7.35	2.43	1.32	0.23	6.28	25.63	7.06	2.33	9.45	3.12	1.71	0.30	8.91	32.88
	T50FO015	5.53	2.21	7.35	2.43	1.32	0.23	6.06	25.13	6.81	2.25	9.45	3.12	1.71	0.30	8.61	32.25
	T50FO017	8.53	3.38	9.10	3.01	1.80	0.32	9.32	35.46	10.50	3.44	11.70	3.87	2.32	0.41	13.24	45.48
	T50FO018	8.77	3.48	9.10	3.01	1.93	0.34	9.59	36.22	10.80	3.55	11.70	3.87	2.47	0.44	13.62	46.45
	T50FO019	8.41	3.35	9.10	3.01	1.93	0.34	9.20	35.34	10.35	3.42	11.70	3.87	2.47	0.44	13.07	45.32
	T50FO020	9.41	3.68	9.80	3.24	1.60	0.28	10.26	38.27	11.58	3.75	12.60	4.16	2.07	0.37	14.57	49.10
	T50GM001	1.33	0.51	1.85	0.61	0.20	0.04	1.67	6.21	1.70	0.52	2.43	0.80	0.26	0.05	2.28	8.04
	T50GM002	1.71	0.64	2.22	0.73	0.20	0.04	2.14	7.68	2.18	0.66	2.91	0.96	0.26	0.05	2.92	9.94
	T50GM003	1.70	0.64	2.82	0.93	0.20	0.04	2.13	8.46	2.16	0.65	3.70	1.22	0.26	0.05	2.90	10.94
	T50GM004	2.37	0.88	3.33	1.10	0.20	0.04	2.95	10.87	3.01	0.90	4.37	1.44	0.26	0.05	4.03	14.06
	T50GM005	2.60	0.96	3.33	1.10	0.23	0.04	3.24	11.50	3.32	0.99	4.37	1.44	0.30	0.05	4.43	14.90
	T50GM006	1.78	0.66	2.82	0.93	0.17	0.03	2.22	8.61	2.27	0.68	3.70	1.22	0.22	0.04	3.03	11.16
	T50GM007	1.98	0.73	2.82	0.93	0.21	0.04	2.46	9.17	2.51	0.75	3.70	1.22	0.27	0.05	3.36	11.86
	T50GM008	1.95	0.73	3.33	1.10	0.17	0.03	2.43	9.74	2.48	0.74	4.37	1.44	0.22	0.04	3.32	12.61

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T50	*cont.*																
	T50GM009	2.20	0.82	3.33	1.10	0.21	0.04	2.74	10.44	2.80	0.84	4.37	1.44	0.27	0.05	3.74	13.51
	T50GM010	2.12	0.94	9.53	3.37	0.52	0.09	2.49	19.06	2.61	0.95	12.70	4.50	0.66	0.12	3.29	24.83
	T50GM011	2.29	1.00	9.53	3.37	0.52	0.09	2.68	19.48	2.81	1.02	12.70	4.50	0.66	0.12	3.55	25.36
	T50GM012	2.73	1.18	4.25	1.30	0.52	0.09	3.19	13.26	3.36	1.21	5.52	1.69	0.66	0.12	4.22	16.78
	T50GM013	2.58	1.13	9.53	3.37	0.60	0.11	3.02	20.34	3.17	1.15	12.70	4.50	0.76	0.13	4.00	26.41
	T50GM014	3.02	1.33	4.25	1.30	0.75	0.13	3.54	14.32	3.72	1.36	5.52	1.69	0.95	0.17	4.70	18.11
	T50GM015	3.88	1.59	15.72	5.94	1.32	0.23	4.28	32.96	4.78	1.62	20.26	7.65	1.69	0.30	6.07	42.37
	T50GM016	4.64	1.87	7.53	2.49	1.32	0.23	5.09	23.17	5.71	1.91	9.67	3.20	1.69	0.30	7.23	29.71
	T50HN001	2.31	0.98	2.40	0.74	0.24	0.04	2.69	9.40	2.85	1.00	3.12	0.96	0.30	0.05	3.56	11.84
	T50HN002	2.52	1.06	2.40	0.74	0.24	0.04	2.92	9.92	3.10	1.08	3.12	0.96	0.30	0.05	3.87	12.48
	T50HN003	3.25	1.43	2.88	0.88	0.73	0.13	3.81	13.11	4.00	1.45	3.74	1.15	0.92	0.16	5.04	16.46
	T50HN004	3.60	1.57	2.88	0.88	0.75	0.13	4.21	14.02	4.43	1.60	3.74	1.15	0.95	0.17	5.58	17.62
	T50HN005	3.85	1.71	3.20	0.98	1.01	0.18	4.52	15.45	4.74	1.74	4.16	1.28	1.26	0.22	5.99	19.39
	T50HN006	4.64	1.84	5.04	1.67	1.01	0.18	5.07	19.45	5.70	1.88	6.48	2.14	1.28	0.23	7.20	24.91
	T50HN007	5.10	2.02	5.04	1.67	1.01	0.18	5.57	20.59	6.28	2.06	6.48	2.14	1.28	0.23	7.92	26.39
	T50IT001	2.60	1.13	3.88	1.19	0.52	0.09	3.04	12.45	3.20	1.15	5.04	1.55	0.66	0.12	4.03	15.75
	T50IT002	3.02	1.30	4.25	1.30	0.52	0.09	3.52	14.00	3.71	1.33	5.52	1.69	0.66	0.12	4.66	17.69
	T50IT003	3.73	1.60	4.63	1.42	0.52	0.09	4.34	16.33	4.59	1.62	6.01	1.84	0.66	0.12	5.75	20.59
	T50IT004	5.71	2.27	6.48	2.14	1.32	0.23	6.25	24.40	7.03	2.32	8.32	2.75	1.69	0.30	8.88	31.29
	T50IT005	10.74	4.14	8.40	2.78	1.32	0.23	11.67	39.28	13.22	4.22	10.80	3.57	1.69	0.30	16.58	50.38
	T50IT007	13.21	5.06	8.40	2.78	1.32	0.23	14.33	45.33	16.26	5.16	10.80	3.57	1.69	0.30	20.36	58.14
	T50IT008	7.33	2.88	6.48	2.14	1.32	0.23	8.00	28.38	9.03	2.93	8.32	2.75	1.69	0.30	11.36	36.38
	T50KE001	9.56	3.58	9.10	3.01	0.25	0.04	10.33	35.87	11.76	3.66	11.70	3.87	0.32	0.06	14.67	46.04
	T50KE002	9.68	3.63	9.10	3.01	0.25	0.04	10.46	36.17	11.91	3.70	11.70	3.87	0.32	0.06	14.85	46.41
	T50KE003	10.14	3.82	9.10	3.01	0.44	0.08	10.97	37.56	12.48	3.90	11.70	3.87	0.56	0.10	15.58	48.19
	T50KE004	10.74	4.05	9.10	3.01	0.44	0.08	11.62	39.04	13.22	4.13	11.70	3.87	0.56	0.10	16.51	50.09
	T50KE005	10.27	3.87	9.10	3.01	0.44	0.08	11.11	37.88	12.64	3.95	11.70	3.87	0.56	0.10	15.78	48.60
	T50MH001	2.01	0.85	2.16	0.66	0.21	0.04	2.34	8.27	2.48	0.87	2.81	0.86	0.27	0.05	3.10	10.44
	T50MH002	2.07	0.88	2.16	0.66	0.24	0.04	2.40	8.45	2.54	0.89	2.81	0.86	0.30	0.05	3.18	10.63
	T50MH003	2.54	1.07	2.48	0.76	0.24	0.04	2.94	10.07	3.12	1.09	3.22	0.99	0.30	0.05	3.90	12.67
	T50MH004	3.11	1.35	3.04	0.93	0.57	0.10	3.63	12.73	3.83	1.37	3.95	1.21	0.73	0.13	4.81	16.03
	T50MH005	3.33	1.43	3.52	1.08	0.53	0.09	3.89	13.87	4.10	1.46	4.58	1.41	0.68	0.12	5.15	17.50

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T50	*cont.*																
	T50MH006	3.43	1.54	3.52	1.08	1.01	0.18	4.04	14.80	4.23	1.56	4.58	1.41	1.26	0.22	5.36	18.62
	T50MH007	4.11	1.65	4.26	1.41	1.01	0.18	4.50	17.12	5.06	1.68	5.47	1.81	1.28	0.23	6.40	21.93
	T50MH008	4.36	1.74	4.93	1.63	1.01	0.18	4.77	18.62	5.37	1.77	6.34	2.09	1.28	0.23	6.78	23.86
	T50MT001	7.88	3.00	9.63	3.18	0.58	0.10	8.54	32.91	9.70	3.06	12.38	4.09	0.74	0.13	12.13	42.23
	T50MT002	9.21	3.50	12.25	4.05	0.58	0.10	9.98	39.67	11.33	3.57	15.75	5.20	0.74	0.13	14.17	50.89
	T50MT003	8.68	3.30	10.50	3.47	0.58	0.10	9.41	36.04	10.69	3.37	13.50	4.46	0.74	0.13	13.37	46.26
	T50MT004	10.55	4.03	12.25	4.05	0.92	0.16	11.44	43.40	12.98	4.11	15.75	5.20	1.18	0.21	16.25	55.68
	T50MT005	9.30	3.57	9.63	3.18	0.92	0.16	10.10	36.86	11.45	3.64	12.38	4.09	1.18	0.21	14.34	47.29
	T50MT006	9.83	3.76	10.50	3.47	0.92	0.16	10.66	39.30	12.09	3.84	13.50	4.46	1.18	0.21	15.15	50.43
	T50MT007	11.79	4.49	10.50	3.47	0.92	0.16	12.78	44.11	14.51	4.58	13.50	4.46	1.18	0.21	18.15	56.59
	T50MT008	11.79	4.49	10.50	3.47	0.92	0.16	12.78	44.11	14.50	4.58	13.50	4.46	1.18	0.21	18.15	56.58
	T50MT009	13.82	5.24	14.00	4.63	0.92	0.16	14.96	53.73	17.00	5.34	18.00	5.95	1.21	0.21	21.25	68.96
	T50MT010	15.39	5.82	14.00	4.63	0.92	0.16	16.66	57.58	18.94	5.94	18.00	5.95	1.21	0.21	23.66	73.91
	T50MT011	9.83	3.77	14.00	4.63	0.92	0.16	10.67	43.98	12.10	3.84	18.00	5.95	1.18	0.21	15.16	56.44
	T50MT012	8.98	3.45	12.25	4.05	0.92	0.16	9.74	39.55	11.05	3.51	15.75	5.20	1.18	0.21	13.84	50.74
	T50MT013	11.21	4.28	12.25	4.05	0.92	0.16	12.16	45.03	13.80	4.36	15.75	5.20	1.18	0.21	17.27	57.77
	T50MT014	12.91	4.90	10.50	3.47	0.92	0.16	13.98	46.84	15.89	5.00	13.50	4.46	1.21	0.21	19.86	60.13
	T50MT015	14.12	5.35	10.50	3.47	0.92	0.16	15.29	49.81	17.38	5.46	13.50	4.46	1.21	0.21	21.72	63.94
	T50PE001	6.82	2.66	8.75	2.89	1.07	0.19	7.43	29.81	8.40	2.72	11.25	3.72	1.38	0.24	10.56	38.27
	T50PE002	9.67	3.81	9.98	3.30	1.86	0.33	10.55	39.50	11.90	3.88	12.83	4.24	2.41	0.43	14.99	50.68
	T50PE003	11.42	4.46	10.50	3.47	1.86	0.33	12.44	44.48	14.06	4.55	13.50	4.46	2.41	0.43	17.67	57.08
	T50PE004	11.21	4.38	11.03	3.64	1.86	0.33	12.21	44.66	13.79	4.47	14.18	4.69	2.41	0.43	17.35	57.32
	T50PE005	9.16	3.62	9.98	3.30	1.86	0.33	10.00	38.25	11.27	3.69	12.83	4.24	2.41	0.43	14.21	49.08
	T50PE006	9.61	3.78	8.40	2.78	1.86	0.33	10.48	37.24	11.82	3.86	10.80	3.57	2.41	0.43	14.89	47.78
	T50TK001	2.40	1.01	2.24	0.69	0.21	0.04	2.78	9.37	2.95	1.03	2.91	0.89	0.27	0.05	3.68	11.78
	T50TK002	3.02	1.28	3.36	1.03	0.37	0.07	3.51	12.64	3.72	1.31	4.37	1.34	0.46	0.08	4.65	15.93
	T50TK003	3.49	1.50	3.36	1.03	0.52	0.09	4.06	14.05	4.30	1.52	4.37	1.34	0.65	0.12	5.38	17.68
	T50TK004	3.48	1.50	3.36	1.03	0.57	0.10	4.05	14.09	4.28	1.52	4.37	1.34	0.73	0.13	5.37	17.74
	T50TK005	3.78	1.61	3.36	1.03	0.52	0.09	4.39	14.78	4.65	1.64	4.37	1.34	0.68	0.12	5.82	18.62
	T50TK006	4.07	1.73	3.36	1.03	0.53	0.09	4.73	15.54	5.01	1.77	4.37	1.34	0.68	0.12	6.27	19.56

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T55																	
	T55CA001	27.64	14.23	7.92	3.18	6.26	1.11	23.94	84.28	33.17	14.42	10.44	4.19	10.44	1.85	33.49	108.00
	T55CA002	36.48	19.11	11.44	4.59	11.42	2.02	31.68	116.74	43.77	19.36	15.08	6.05	19.04	3.37	44.31	150.98
	T55CA003	59.07	31.09	15.31	6.14	14.27	2.53	51.34	179.75	70.89	31.50	20.18	8.10	23.79	4.21	71.81	230.48
	T55CA004	24.72	12.89	7.92	3.18	5.14	0.91	21.46	76.22	29.67	13.06	10.44	4.19	8.57	1.52	30.01	97.46
	T55CA005	34.76	18.43	11.44	4.59	9.34	1.65	30.24	110.45	41.71	18.67	15.08	6.05	15.59	2.76	42.30	142.16
	T55CA006	46.21	24.77	15.31	6.14	14.27	2.53	40.28	149.51	55.45	25.09	20.18	8.10	23.79	4.21	56.34	193.16
	T55DJ001	19.82	10.36	4.58	1.84	5.54	0.98	17.20	60.32	23.78	10.49	6.03	2.42	9.06	1.60	24.06	77.44
	T55DJ002	18.79	9.61	3.84	1.54	3.64	0.64	16.26	54.32	22.55	9.74	5.06	2.03	6.07	1.07	22.74	69.26
	T55DJ003	23.57	12.16	5.02	2.01	5.20	0.92	20.42	69.30	28.28	12.32	6.61	2.65	8.52	1.51	28.56	88.45
	T55DJ004	22.99	11.87	4.58	1.84	5.52	0.98	19.92	67.70	27.58	12.02	6.03	2.42	9.21	1.63	27.86	86.75
	T55DJ005	27.40	14.17	5.02	2.01	6.84	1.21	23.75	80.40	32.88	14.35	6.61	2.65	11.40	2.02	33.21	103.12
	T55DJ007	29.86	15.55	6.78	2.72	8.68	1.54	25.91	91.04	35.83	15.76	8.93	3.58	14.53	2.57	36.24	117.44
	T55DJ010	28.87	14.66	5.02	2.01	4.22	0.75	24.95	80.48	34.64	14.85	6.61	2.65	6.91	1.22	34.90	101.78
	T55DJ011	30.53	15.51	6.78	2.72	4.54	0.80	26.39	87.27	36.64	15.71	8.93	3.58	7.43	1.32	36.91	110.52
	T55EU002	17.11	9.06	7.92	3.18	6.26	1.11	14.88	59.52	20.53	9.17	10.44	4.19	10.44	1.85	20.82	77.44
	T55EU003	25.88	13.90	11.88	4.77	11.42	2.02	22.57	92.44	31.06	14.08	15.66	6.28	19.04	3.37	31.56	121.05
	T55EU004	36.99	20.05	16.28	6.53	12.96	2.29	32.30	127.40	44.39	20.31	21.46	8.61	21.60	3.82	45.18	165.37
	T55TE001	17.35	8.90	3.94	1.58	4.19	0.74	15.02	51.72	20.81	9.02	5.20	2.09	7.18	1.27	21.00	66.57
	T55TE002	18.28	9.60	4.17	1.67	4.91	0.87	15.88	55.38	21.94	9.73	5.50	2.21	8.42	1.49	22.22	71.51
	T55TE003	19.47	10.22	4.54	1.82	5.16	0.91	16.91	59.03	23.36	10.35	5.99	2.40	8.84	1.56	23.65	76.15
	T55TE004	20.98	10.90	5.70	2.29	5.73	1.01	18.20	64.81	25.18	11.05	7.52	3.02	9.55	1.69	25.45	83.46
	T55TE005	25.46	13.27	6.32	2.54	8.46	1.50	22.09	79.64	30.55	13.44	8.33	3.34	14.50	2.57	30.90	103.63
	T55TE006	25.21	13.57	8.80	3.53	11.42	2.02	21.99	86.54	30.25	13.74	11.60	4.65	19.04	3.37	30.75	113.40
	T55TE007	34.00	18.17	10.91	4.38	10.06	1.78	29.62	108.92	40.80	18.40	14.38	5.77	16.78	2.97	41.43	140.53
	T55TE008	50.23	26.75	15.15	6.08	14.27	2.53	43.73	158.74	60.27	27.09	19.98	8.02	23.79	4.21	61.17	204.53
	T55UN001	46.32	24.64	15.84	6.36	12.96	2.29	40.33	148.74	55.58	24.96	20.88	8.38	21.60	3.82	56.40	191.62
	T55UN002	48.25	25.77	21.12	8.47	14.27	2.53	42.03	162.44	57.89	26.11	27.84	11.17	23.79	4.21	58.79	209.80
	T55UN003	65.88	36.29	28.16	11.30	27.08	4.79	57.68	231.18	79.06	36.76	37.12	14.89	45.15	7.99	80.68	301.65
	T55VO001	12.05	6.39	3.27	1.31	4.25	0.75	10.49	38.51	14.46	6.47	4.32	1.73	6.99	1.24	14.67	49.88
	T55VO002	15.17	7.96	4.22	1.69	4.77	0.84	13.18	47.83	18.20	8.06	5.57	2.23	7.92	1.40	18.43	61.81
	T55VO003	16.22	8.54	4.22	1.69	5.51	0.98	14.10	51.26	19.47	8.65	5.57	2.23	9.18	1.62	19.72	66.44

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T55	*cont.*																
	T55VO004	21.15	11.32	5.74	2.30	8.97	1.59	18.43	69.50	25.38	11.47	7.56	3.03	14.95	2.65	25.78	90.82
	T55WA001	30.46	15.62	8.54	3.43	6.26	1.11	26.37	91.79	36.56	15.82	11.25	4.51	10.44	1.85	36.88	117.31
	T55WA002	39.45	20.57	11.88	4.77	11.38	2.01	34.24	124.30	47.34	20.83	15.66	6.28	18.98	3.36	47.89	160.34
	T55WA003	50.11	27.03	16.28	6.53	17.01	3.01	43.72	163.69	60.13	27.38	21.46	8.61	28.48	5.04	61.15	212.25
	T55WA005	101.50	53.43	23.76	9.53	24.51	4.34	88.22	305.29	121.80	54.12	31.32	12.57	40.86	7.23	123.39	391.29
T57																	
	T57CU001	6.02	2.75	2.19	0.72	0.00	0.00	7.46	19.14								
	T57CU002	7.42	3.39	2.19	0.72	0.00	0.00	9.20	22.92								
	T57CU003	9.35	4.27	3.31	1.09	0.00	0.00	11.59	29.61								
	T57CU004	10.26	4.68	5.10	1.69	0.00	0.00	12.73	34.46								
	T57CU005	13.50	6.16	9.65	3.19	0.00	0.00	16.75	49.25								
T60																	
	T60KI001	10.72	6.21	5.04	1.90	2.26	0.40	11.58	38.11	12.86	6.28	6.58	2.48	3.04	0.54	15.88	47.66
	T60KI002	19.48	11.27	9.50	3.59	4.08	0.72	21.04	69.68	23.38	11.41	12.41	4.69	5.49	0.97	28.86	87.21
	T60KI003	28.19	16.26	12.96	4.89	5.62	0.99	30.42	99.33	33.82	16.46	16.92	6.39	7.57	1.34	41.73	124.23
	T60KI004	28.89	16.64	12.96	4.89	5.62	0.99	31.16	101.15	34.67	16.84	16.92	6.39	7.57	1.34	42.75	126.48
	T60KI005	33.66	19.87	15.84	5.98	9.30	1.65	36.50	122.80	40.39	20.12	20.68	7.81	12.53	2.22	50.07	153.82
	T60KI006	34.67	20.43	15.84	5.98	9.30	1.65	37.59	125.46	41.61	20.68	20.68	7.81	12.53	2.22	51.56	157.09
T65																	
	T65AS001	17.28	9.88	2.41	0.80	0.44	0.08	22.30	53.19								
	T65AS002	26.08	14.88	4.10	1.35	0.44	0.08	33.66	80.59								
	T65AS003	34.31	19.60	5.33	1.76	0.74	0.13	44.29	106.16								
	T65AS004	43.05	24.56	5.33	1.76	0.74	0.13	55.55	131.12								
	T65AS005	59.58	33.95	11.59	3.83	0.74	0.13	76.87	186.69								
	T65AS006	69.05	39.38	9.65	3.19	1.08	0.19	89.09	211.63								
	T65AS007	14.32	8.13	5.36	4.66	0.00	0.00	18.46	50.93								
	T65AS008	24.60	13.97	10.72	9.32	0.00	0.00	31.72	90.33								
	T65AS009	121.82	87.78	48.79	35.79	0.00	0.00	124.40	418.58	137.05	88.36	63.43	44.42	0.00	0.00	159.95	493.21
	T65AS010	178.45	128.58	84.49	61.85	0.00	0.00	182.23	635.60	200.76	129.44	109.84	76.81	0.00	0.00	234.29	751.14
	T65AS011	499.59	359.98	190.12	139.17	0.00	0.00	510.17	1,699.03	562.04	362.37	247.16	172.82	0.00	0.00	655.94	2,000.33
	T65AS012	29.29	14.44	9.60	8.66	0.28	0.05	37.79	100.11								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T65	*cont.*																
	T65AS013	19.02	9.38	4.80	4.33	0.22	0.04	24.54	62.33								
	T65AS014	14.92	7.37	4.00	3.86	0.22	0.04	19.25	49.66								
	T65AS015	4.70	2.34	0.00	1.50	0.22	0.04	6.07	14.87								
	T65AS016	52.72	33.99	19.88	14.73	0.00	0.00	69.22	190.54	60.26	34.22	25.84	18.25	0.00	0.00	87.90	226.47
	T65AS017	81.20	52.35	31.92	23.33	0.00	0.00	106.61	295.41	92.80	52.70	41.50	28.99	0.00	0.00	135.38	351.37
	T65AS018	119.67	77.15	35.70	26.06	0.00	0.00	157.12	415.70	136.76	77.66	46.41	32.38	0.00	0.00	199.51	492.72
	T65AS019	118.68	76.52	45.08	33.10	0.00	0.00	155.82	429.20	135.64	77.02	58.60	41.07	0.00	0.00	197.87	510.20
	T65AS020	39.25	17.99	4.25	4.44	0.44	0.08	48.71	115.16								
	T65AS021	47.48	21.74	4.39	4.99	0.44	0.08	58.91	138.03								
	T65AS022	3.46	1.74	0.00	1.50	0.00	0.00	3.72	10.42								
	T65AS023	4.03	2.03	0.00	1.50	0.00	0.00	4.33	11.89								
	T65AS024	5.72	2.93	0.00	2.00	0.34	0.06	6.17	17.22								
	T65AS025	5.87	3.01	0.00	2.00	0.34	0.06	6.34	17.62								
	T65AT001	30.73	19.81	18.06	13.16	0.00	0.00	40.35	122.11	35.12	19.95	23.48	16.35	0.00	0.00	51.24	146.14
	T65AT002	33.14	21.37	18.06	13.16	0.00	0.00	43.52	129.25	37.88	21.51	23.48	16.35	0.00	0.00	55.26	154.48
	T65AT003	45.05	29.05	21.00	15.39	0.00	0.00	59.15	169.64	51.49	29.24	27.30	19.11	0.00	0.00	75.12	202.26
	T65AT004	57.07	36.80	45.15	33.14	0.00	0.00	74.93	247.09	65.22	37.04	58.70	41.13	0.00	0.00	95.15	297.24
	T65AT005	65.37	42.14	25.20	18.37	0.00	0.00	85.82	236.90	74.70	42.42	32.76	22.83	0.00	0.00	108.98	281.69
	T65AT006	97.70	62.99	34.02	25.07	0.00	0.00	128.28	348.06	111.66	63.41	44.23	31.10	0.00	0.00	162.89	413.29
	T65AT007	4.59	2.10	1.75	2.18	0.00	0.00	5.69	16.31								
	T65AT008	6.38	2.91	1.12	1.79	0.00	0.00	7.91	20.11								
	T65BR001	8.47	4.58	4.34	0.00	0.00	0.00	9.84	27.23								
	T65BR002	9.82	5.31	4.34	0.00	0.00	0.00	11.42	30.89								
	T65BR003	9.65	5.22	4.34	0.00	0.00	0.00	11.22	30.43								
	T65BR004	11.34	6.14	4.34	0.00	0.00	0.00	13.19	35.01								
	T65BR005	10.70	5.79	5.77	0.00	0.00	0.00	12.43	34.69								
	T65BR006	12.39	6.70	5.77	0.00	0.00	0.00	14.40	39.26								
	T65BR007	14.14	7.65	11.70	0.00	0.00	0.00	16.44	49.93								
	T65BR008	15.50	8.38	11.70	0.00	0.00	0.00	18.02	53.60								
	T658R009	15.71	8.50	11.70	0.00	0.00	0.00	18.27	54.18								
	T65BR010	16.73	9.05	11.70	0.00	0.00	0.00	19.45	56.93								
	T65DO001	37.71	24.31	14.70	10.67	0.00	0.00	49.51	136.90	43.10	24.48	19.11	13.27	0.00	0.00	62.87	162.83

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T65	*cont.*																
	T65DO002	50.44	32.52	18.20	13.24	0.00	0.00	66.22	180.62	57.64	32.73	23.66	16.46	0.00	0.00	84.09	214.58
	T65DO003	82.41	53.13	36.75	27.18	0.00	0.00	108.20	307.67	94.18	53.48	47.78	33.69	0.00	0.00	137.39	366.52
	T65DO004	164.18	105.85	69.65	51.09	0.00	0.00	215.56	606.33	187.63	106.55	90.55	63.42	0.00	0.00	273.72	721.87
	T65DO005	34.98	22.55	8.40	6.96	0.00	0.00	45.93	118.82	39.98	22.70	10.92	8.44	0.00	0.00	58.32	140.36
	T65DO007	4.13	1.89	3.50	2.36	0.00	0.00	5.12	17.00								
	T65DO008	5.63	2.57	5.25	3.54	0.00	0.00	6.98	23.97								
	T65DR001	27.41	17.67	24.15	17.75	0.00	0.00	35.98	122.96	31.32	17.79	31.40	22.03	0.00	0.00	45.69	148.23
	T65DR002	46.56	30.02	30.80	22.67	0.00	0.00	61.13	191.18	53.21	30.22	40.04	28.12	0.00	0.00	77.63	229.22
	T65DR003	49.45	31.88	48.30	35.50	0.00	0.00	64.93	230.06	56.52	32.10	62.79	44.05	0.00	0.00	82.45	277.91
	T65DR004	41.24	18.82	4.20	3.73	0.00	0.00	51.14	119.13								
	T65DR005	28.85	13.17	3.64	3.43	0.00	0.00	35.78	84.87								
	T65EI001	5.71	3.16	2.12	0.75	0.51	0.09	6.67	19.01								
	T65EI002	9.97	5.52	3.12	1.10	0.89	0.16	11.65	32.41								
	T65EI003	11.02	6.12	4.34	1.54	1.09	0.19	12.87	37.17								
	T65EI004	15.69	8.90	7.21	2.55	2.87	0.51	18.42	56.15								
	T65EI005	19.08	11.30	8.64	3.06	4.87	0.86	22.60	70.41								
	T65EI006	29.52	17.59	10.14	3.59	8.07	1.43	35.02	105.36								
	T65EI007	6.36	3.51	1.56	1.05	0.51	0.09	7.42	20.50								
	T65EI008	9.78	5.42	2.34	1.58	0.89	0.16	11.42	31.59								
	T65EI009	10.97	6.06	3.12	2.10	0.89	0.16	12.81	36.11								
	T65EI010	10.29	5.75	4.34	1.54	1.25	0.22	12.04	35.43								
	T65EI011	9.90	5.53	5.77	2.04	1.25	0.22	11.58	36.29								
	T65EI012	14.92	8.74	8.64	3.06	4.64	0.82	17.63	58.45								
	T65EI013	29.38	16.62	14.04	4.97	5.09	0.90	34.47	105.47								
	T65EI014	5.26	2.46	1.25	0.44	0.41	0.07	6.56	16.45								
	T65EI015	6.27	2.91	2.81	0.99	0.34	0.06	7.81	21.19								
	T65FL001	22.46	11.08	6.40	5.78	0.26	0.05	28.98	75.01								
	T65FL002	15.92	7.30	6.40	5.78	0.20	0.04	19.76	55.40								
	T65FL003	15.06	6.91	6.40	5.78	0.20	0.04	18.69	53.08								
	T65FL004	21.67	9.94	6.40	5.78	0.26	0.05	26.90	71.00								
	T65FL005	9.58	4.41	3.20	2.89	0.22	0.04	11.90	32.24								
	T65FL006	5.22	2.38	1.72	0.61	0.00	0.00	6.48	16.41								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
T65	*cont.*																
	T65TL001	24.13	11.10	4.22	1.49	0.74	0.13	29.97	71.78								
	T65TL002	16.61	7.67	3.10	1.10	0.74	0.13	20.64	49.99								
	T65TL003	12.93	5.99	3.10	1.10	0.74	0.13	16.09	40.08								
	T65TL004	12.60	5.84	3.10	1.10	0.74	0.13	15.68	39.19								
	T65TL005	9.82	4.57	3.10	1.10	0.74	0.13	12.23	31.69								
	T65VA001	165.36	119.15	87.50	51.63	0.00	0.00	168.86	592.50	186.03	119.94	113.75	67.11	0.00	0.00	217.10	703.93
	T65VA002	267.25	192.56	89.25	52.66	0.00	0.00	272.91	874.63	300.65	193.84	116.03	68.46	0.00	0.00	350.88	1,029.86
	T65VA003	583.21	420.23	201.95	119.15	0.00	0.00	595.56	1,920.10	656.11	423.02	262.54	154.90	0.00	0.00	765.72	2,262.29
	T65VA004	40.92	26.38	16.10	9.50	0.00	0.00	53.73	146.63	46.77	26.56	20.93	12.35	0.00	0.00	68.23	174.84
	T65VA005	65.22	42.05	32.55	19.20	0.00	0.00	85.63	244.65	74.54	42.33	42.32	24.97	0.00	0.00	108.74	292.90
	T65VA006	81.85	52.77	32.55	19.20	0.00	0.00	107.46	293.83	93.54	53.12	42.32	24.97	0.00	0.00	136.46	350.41
	T65VA007	120.37	77.61	50.75	29.94	0.00	0.00	158.04	436.71	137.57	78.12	65.98	38.93	0.00	0.00	200.68	521.28
	T65VA008	31.36	20.29	7.00	3.72	4.64	0.82	34.25	102.08								
	T65VA009	53.14	33.27	15.05	7.99	0.00	0.00	57.66	167.11								
	T65WG001	5.55	3.06	1.28	0.45	0.40	0.07	6.47	17.28								
	T65WG002	10.26	5.68	2.56	0.91	0.89	0.16	11.98	32.44								
	T65WG003	18.13	10.22	7.21	2.55	2.87	0.51	21.25	62.74								
	T65WG004	24.42	13.76	8.64	3.06	3.87	0.68	28.62	83.05								
	T65WG005	5.74	3.65	2.10	1.42	0.40	0.07	6.25	19.63								
	T65WG006	10.55	6.74	5.25	3.54	0.89	0.16	11.50	38.63								
	T65WG007	18.76	12.15	12.25	8.25	2.87	0.51	20.49	75.28								
	T65WG008	6.81	3.74	2.56	0.91	0.37	0.07	7.94	22.40								
	T65WG009	12.77	7.03	5.77	2.04	0.87	0.15	14.90	43.53								
	T65WG010	20.71	11.76	8.64	3.06	3.87	0.68	24.32	73.04								
	T65WG011	27.19	15.50	14.82	5.25	5.47	0.97	31.95	101.15								
W10																	
	W10CE001	22.61	11.87	9.50	3.59	6.23	1.10	21.28	76.18	27.13	12.02	12.41	4.69	10.43	1.85	29.44	97.97
	W10CE002	32.83	17.47	12.96	4.89	10.13	1.79	30.97	111.04	39.40	17.70	16.92	6.39	16.47	2.92	42.84	142.64
	W10CE003	50.24	26.65	18.72	7.07	14.17	2.51	47.37	166.73	60.29	27.00	24.44	9.23	23.54	4.17	65.53	214.20
W15																	
	W15CE001	23.89	12.46	9.50	3.59	5.89	1.04	20.74	77.11	28.67	12.62	12.41	4.69	9.87	1.75	29.00	99.01

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
W15	***cont.***																
	W15CE002	33.78	18.11	12.96	4.89	8.85	1.57	29.45	109.61	40.54	18.35	16.92	6.39	14.83	2.62	41.19	140.84
W25																	
	W25AN001	0.53	0.11	0.48	0.48	0.00	0.00	0.90	2.50								
	W25AN002	0.83	0.17	0.48	0.48	0.00	0.00	1.41	3.37								
	W25AN003	0.63	0.13	1.36	0.39	0.00	0.00	1.08	3.59								
	W25AN004	1.04	0.21	1.36	0.39	0.00	0.00	1.78	4.78								
	W25CD001	3.33	0.67	0.00	0.50	0.00	0.00	5.68	10.18								
	W25CD002	5.54	1.12	0.00	0.75	0.00	0.00	9.45	16.86								
	W25CJ001	17.39	6.47	1.40	0.83	0.00	0.00	26.96	53.05								
	W25CJ002	23.72	8.82	1.68	0.99	0.00	0.00	36.77	71.98								
	W25CJ003	27.53	10.24	1.68	0.99	0.00	0.00	42.67	83.11								
	W25HO001	0.37	0.07	0.38	0.13	0.00	0.00	0.62	1.57								
	W25HO002	0.62	0.13	0.55	0.18	0.00	0.00	1.06	2.54								
	W25NL001	11.37	2.30	19.00	8.97	0.00	0.00	19.39	61.03								
	W25NL002	13.35	3.83	14.20	4.69	0.00	0.00	24.83	60.90								
	W25NL003	8.99	2.58	6.36	2.10	0.00	0.00	16.72	36.75								
	W25NL004	17.27	5.01	1.70	0.56	0.22	0.04	32.19	56.99								
	W25WE001	4.43	1.28	4.75	2.74	0.05	0.01	8.25	21.51								
	W25WE002	4.82	1.39	7.13	4.12	0.05	0.01	8.97	26.49								
	W25WE003	6.20	1.79	3.86	1.28	0.05	0.01	11.55	24.74								
	W25WE004	7.34	2.12	14.25	8.23	0.05	0.01	13.67	45.67								
	W25WE005	8.97	2.59	6.78	2.24	0.05	0.01	16.69	37.33								
	W25WE006	10.09	2.92	10.18	3.36	0.10	0.02	18.80	45.47								
	W25WE007	11.61	3.37	9.75	3.22	0.13	0.02	21.65	49.75								
	W25XX001	0.65	0.14	1.36	0.39	0.02	0.00	1.12	3.68								
	W25XX002	0.69	0.15	1.36	0.39	0.02	0.00	1.19	3.80								
	W25XX003	1.00	0.21	2.22	0.63	0.02	0.00	1.71	5.79								
	W25XX004	1.06	0.22	2.22	0.63	0.02	0.00	1.81	5.96								
W35																	
	W35HO001	0.12	0.05	0.73	0.21	0.00	0.00	0.16	1.27								
	W35HO002	0.16	0.07	1.15	0.33	0.00	0.00	0.22	1.93								

Table 2-2 . HOURLY RATE ELEMENTS

REGION: 9

		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
W35	*cont.*																
	W35XX001	0.74	0.35	0.97	0.27	0.04	0.01	0.99	3.37								
	W35XX002	0.53	0.25	4.08	1.16	0.03	0.01	0.71	6.77								
	W35XX003	0.79	0.37	1.37	0.39	0.04	0.01	1.06	4.03								
	W35XX004	0.57	0.27	4.08	1.16	0.04	0.01	0.76	6.89								
	W35XX005	0.87	0.41	1.37	0.39	0.07	0.01	1.17	4.29								
	W35XX006	0.62	0.29	6.80	1.93	0.04	0.01	0.83	10.52								
	W35XX007	0.95	0.45	2.30	0.65	0.07	0.01	1.28	5.71								
	W35XX008	0.79	0.37	7.22	2.04	0.04	0.01	1.06	11.53								
	W35XX009	0.40	0.13	1.20	0.57	0.00	0.00	0.33	2.63								
	W35XX010	0.48	0.15	1.50	0.71	0.00	0.00	0.39	3.23								
	W35XX011	0.40	0.13	0.60	0.28	0.00	0.00	0.33	1.74								
	W35XX012	0.41	0.13	1.20	0.57	0.00	0.00	0.34	2.65								
	W35XX013	0.18	0.06	1.14	0.54	0.00	0.00	0.15	2.07								
	W35XX014	0.24	0.08	1.44	0.68	0.00	0.00	0.20	2.64								
	W35XX015	0.63	0.20	1.80	0.85	0.00	0.00	0.52	4.00								
	W35XX016	1.11	0.35	2.52	1.19	0.00	0.00	0.91	6.08								
	W35XX017	0.09	0.03	1.14	0.54	0.00	0.00	0.07	1.87								
	W35XX018	0.28	0.09	1.44	0.68	0.00	0.00	0.23	2.72								

CHAPTER 3

ADJUSTMENTS TO HOURLY RATES

SECTION I. CONTENTS

3-1. Contents. This chapter explains the procedures for adjusting the hourly rates as shown in TABLE 2-1. These rates are based on equipment with a 3-year-old life and on area factors as shown in APPENDIX B. TABLE 3-1, Equipment Rate Adjustments for Ownership Costs and TABLE 3-2, Equipment Rate Adjustments for Standby Costs have been developed to make adjustments to TABLE 2-1 hour rates. Hourly rates for construction equipment for both average and severe conditions are given in TABLE 2-2, Hourly Rate Elements.

SECTION II. RATE ADJUSTMENTS

3-2. Use of Rate Adjustment Tables.

a. These tables may be used when the actual unit of equipment is known, as in the case of most negotiated procurements. These tables provide reasonable adjustment factors to allow a shortcut method for adjusting an hourly rate when actual conditions are considered, as in the case of contract modifications.

b. The rate adjustment tables may be used in lieu of a step-by-step rate computation when cost or pricing data is available, provided that the unit of equipment listed in the pamphlet is equivalent in size, capacity, and horsepower to the contractor's actual unit of equipment.

c. 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 corresponding to each unit of equipment shown in TABLE 2-1.

(1) Operating cost elements consist of fuel (FUEL), filters, oil, and grease (FOG), repairs (RPR), tire wear (TIRE WEAR), and tire repair (TIRE RPR).

(2) Ownership cost elements consist of depreciation (DEPR) and facilities capital cost of money (FCCM). Total ownership (DEPR + FCCM) can be adjusted to account for actual age of the equipment. The hourly ownership elements shown in TABLE 2-2 can be factored for age using TABLE 3-1.

SECTION III. RATE ADJUSTMENT CONDITIONS

3-3. Rate Adjustment Conditions. The ownership hourly rates and standby hourly rates shall be adjusted whenever one or more of the following rate adjustment conditions exist.

3-4. Rate Adjustment for Change in Conditions. If difficult conditions are justified by the contract, adjustments shall be made See Chapter 2, Section II, Operating Conditions for definition of average, difficult, or severe conditions, and determination of condition.

3-5. Rate Adjustment to FCCM Rate if Cost-of-Money Rate is No Longer Current. If the cost-of-money rate shown in Chapter 2 is no longer current, the FCCM portion of the rate shall be adjusted upward or downward to match the cost-of-money rate for the period of use in question. For example, if the cost-of-money rate should increase by 8% (say from 8.50% to 9.35%), then 8% of the hourly FCCM cost (from TABLE 2-2) will be added to the total hourly rate. See APPENDIX I, Federal Cost-of-Money Rate, for a listing of cost-of-money rates.

3-6. Rate Adjustment if Actual Hours Work Exceeds 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 ownership cost. Facilities capital cost of money is to be paid for a maximum of 40 hours per week (7 calendar days). To calculate a multi-shift rate, prorate 40 hours FCCM over the actual hours per week, as follows:

Other Work Shift Hourly Rate =

$$\text{Depreciation/hr} + [\,(\text{FCCM/ hr}) \times \frac{\text{40 hrs/week}}{\text{(actual work hrs/week)}}\,] + \text{Operating Costs}$$

EXAMPLE: Assume that a truck crane is to be 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:

Depreciation/hr	=	$20.00
FCCM /hr	=	$4.00
Operating costs	=	$25.00
	=	49.00

Calculation:

$$\$20.00 + [\,(\$4.00) \times \frac{\text{40 hrs/week}}{\text{(60 hrs/week)}}\,] + \$25.00 = \$47.67$$

3-7. Rate Adjustment if Fuel Costs Change. Hourly fuel costs shall be adjusted in the event the average fuel prices f.o.b. jobsite vary by more than 10 percent above or below the price in APPENDIX B. For example, if the price per gallon should increase by 15 percent, then 15 percent of the hourly fuel cost will be added to the total hourly rate. 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. Other factors to be considered are:

a. The hourly FOG allowance shall be adjusted upward or downward in conjunction with any authorized fuel price revisions.

b. There is no rate adjustment for repairs, tire wear, or tire repair.

3-8. Rate Adjustment for Age Other Than Listed in TABLE 2-1. 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 hourly ownership costs are multiplied by the factors given in TABLE 3-1 when shown in TABLE 2-1 and result in an ownership rate adjusted for the actual age of the equipment being considered.

EXAMPLE: Assume that Table 2-1 includes a 50-ton truck crane (*category C90.02*), manufactured in 1992, has a total hourly rate of $72.98 per hour and an ownership rate of $27.57 per hour. If an equivalent crane owned by a contractor had been purchased new in 1988, the total hourly rate can be determined as follows:

Assumptions:

Factors are based on the 1995 edition of EP 1110-1-8, for Region 9

Calculation:

Total hourly rate	=	$72.98
Ownership rate	=	($27.57)
Ownership adjusted for age	=	$21.78
(ownership rate = $27.57) x (age adjustment factor = .79)		
		=========
Adjusted total hourly rate	=	$67.19

3-9. Rate Adjustment for Overage Equipment. If the contractor's equipment exceeds the economic life (see Chapter 2, Section V, LIFE) in hours as shown in Appendix D, rates shall be adjusted.

a. The equipment is considered overage when the equipment was manufactured past the service life given in APPENDIX D. If it is overage, the ownership portion of the rate shall be adjusted. This adjusted rate will not exceed the rate for the same unit of equipment that is not overage.

b. The base year for determining overage equipment value is the year corresponding to maximum life. The total hourly operating rate for overage equipment shall be computed on the basis that the equipment is as old as possible without exceeding the LIFE as shown in APPENDIX D. Maximum Life is determined by dividing LIFE (from APPENDIX D) by Working Hours Per Year (WHPY) TABLE 3-1 show factors for the maximum life for equipment based on 1995 rates (the current pamphlet year). If there is no comparable unit of equipment shown in TABLE 2-1, the total hourly rate can be computed as shown in the following the example:

EXAMPLE If an crane owned by a contractor had been purchased new in 1972 and was equivalent to a 50-ton truck crane which was manufactured in 1992, (*category C90.02* = base year for TABLE 2-1), this crane is overage and the total hourly rate can be determined as follows:

Assumptions:
Factors are based on the 1995 edition of EP 1110-1-8, for Region 9

Calculation:

Total hourly rate	=	$72.98
Ownership rate	=	($27.57)
Ownership adjusted for age	=	$18.75
(ownership rate = $27.57) x (oldest age adjustment factor = .68)		
		======
Adjusted total hourly rate	=	$64.16

NOTE: If an equivalent crane, manufactured in 1972, had been purchased used in 1982 by the contractor, the crane is overage and the rate computation would be identical to the above example.

3-10. Rate Adjustments if a Standby Rate is Required. There is no overage for standby. Age of the equipment shall be based on manufacturer year. Age adjustment factors are listed in TABLE 3-2, Equipment Age Adjustment Factors for Standby Costs, for factoring the standby rate shown 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 a standby rate adjusted for the actual age of the unit of equipment being considered.

EXAMPLE: Assume that a 50-ton crane (manufactured in 1992) listed in TABLE 2-1 has an hourly standby rate of $18.00 per hour. If an equivalent crane owned by a contractor had been purchased new in 1987, the hourly standby rate can be determined as follows:

Hourly Standby rate (per hour)	=	$18.00

Calculation:

Standby adjusted for age (per hour)	=	$14.04

(Standby rate = $18.00) x (Age adjustment factor = .78)

3-11. Adjustments to Rates for a Unit of 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 capacity, size, and horsepower 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.

3-12. Adjustments not Included for Equipment Purchased Used. A detailed methodology for computing a total hourly rate for equipment purchased used is not included in this pamphlet.

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

b. When actual cost data in accordance with Chapter 1 is not available, a total 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.

3-13. 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. Rate software is also available for rate computation (see Chapter 1).

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, Adjusments to Hourly Rates

Refer to Chapter 3, as follows:

3-8. Rate Adjustment for Age Other Than Listed in TABLE 2-1.

3-9. Rate Adjustment for Overage Equipment.

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
A10	0.00	AGGREGATE/CHIP SPREADERS																		
A10	0.10	SELF PROPELLED	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.85	0.83									
A10	0.20	TOWED & TAILGATE	1.04	1.02	1.00	1.00	0.96	0.91												
A15	0.00	AIR COMPRESSORS, PORTABLE																		
A15	0.10	ROTARY SCREW	1.02	1.01	1.01	1.00	0.98	0.97	0.93	0.88	0.84									
A15	0.20	SHOP TYPE, ELECTRIC	1.02	1.01	1.01	1.00	0.98	0.97	0.94	0.89	0.85	0.84	0.85							
A20	0.00	AIR HOSE, TOOLS & EQUIPMENT																		
A20	0.10	AIR HOSES	1.02	1.01	1.01	1.00														
A20	0.20	BLAST HOSE	1.02	1.01	1.01	1.00														
A20	0.30	SANDBLASTERS & BREAKERS	1.02	1.01	1.01	1.00														
A25	0.00	ASPHALT DISTRIBUTORS	1.04	1.02	1.00	1.00	0.97	0.91	0.88											
A30	0.00	ASPHALT FINISHERS/PAVERS																		
A30	0.10	SELF PROPELLED	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.85	0.83									
A30	0.20	TOWED	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.85	0.83									
A35	0.00	ASPHALT KETTLES	1.04	1.02	1.00	1.00	0.96	0.91												
A40	0.00	ASPHALT & CONC. MILLERS/PROFILERS/PLANERS	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.85	0.83									
A45	0.00	ASPHALT RECYCLERS & SEALERS	1.04	1.02	1.00	1.00	0.97	0.91	0.88											
B00	0.00	BACKHOE (SEE HYDRAULIC EXCAV. & LOADER W/ BH)																		
B10	0.00	BATCH PLANTS, ASPHALT & CONCRETE																		
B10	0.10	ASPHALT	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.86	0.84									
B10	0.20	CONCRETE	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.86	0.84									
B10	0.30	PUGMILL	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.86	0.84									
B15	0.00	BROOMS, STREET SWEEPERS & FLUSHERS	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
B20	0.00	BRUSH CHIPPERS	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
B25	0.00	BUCKETS, CLAMSHELL	1.10	1.08	1.09	1.00	0.95	0.91	0.85	0.77	0.75									
B30	0.00	BUCKETS, CONCRETE																		

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	TYPE OF EQUIPMENT	Life in Years / Year Purchased New: 0 (1995)	1 (1994)	2 (1993)	3 (1992)	4 (1991)	5 (1990)	6 (1989)	7 (1988)	8 (1987)	9 (1986)	10 (1985)	11 (1984)	12 (1983)	13 (1982)	14 (1981)	15 (1980)	16 (1979)	17 (1978)
B30	0.10	GENERAL PURPOSE, MANUAL	1.10	1.09	1.09	1.00	0.95	0.90	0.84	0.76	0.74									
B30	0.20	LAYDOWN	1.10	1.09	1.09	1.00	0.95	0.90	0.84	0.76	0.74									
B30	0.30	LOWBOY	1.10	1.09	1.09	1.00	0.95	0.90	0.84	0.76	0.74									
B30	0.40	LOW SLUMP	1.10	1.09	1.09	1.00	0.95	0.90	0.84	0.76	0.74									
B35	0.00	BUCKETS, DRAGLINE																		
B35	0.10	LIGHT WEIGHT	1.10	1.09	1.09	1.00	0.95	0.91	0.85											
B35	0.20	MEDIUM WEIGHT	1.10	1.08	1.09	1.00	0.95	0.91	0.85	0.77										
B35	0.30	HEAVY WEIGHT	1.10	1.08	1.09	1.00	0.95	0.91	0.85	0.77	0.75									
C05	0.00	CHAIN SAWS	1.06	1.04	1.03	1.00														
C10	0.00	COMPACTORS, MANUALLY OPERATED	1.06	1.04	1.03	1.00	0.96													
C15	0.00	CONCRETE BLASTERS	1.06	1.04	1.03	1.00	0.96	0.93												
C20	0.00	CONCRETE BUGGIES	1.06	1.04	1.03	1.00	0.96													
C25	0.00	CONCRETE FINISHERS	1.06	1.04	1.03	1.00	0.96													
C30	0.00	CONCRETE GRINDERS	1.06	1.04	1.03	1.00	0.96													
C35	0.00	CONCRETE GUNITERS / SHOTCRETERS	1.06	1.04	1.03	1.00	0.97	0.94	0.90											
C40	0.00	CONCRETE / WASTE MIXERS	1.06	1.04	1.03	1.00	0.96													
C45	0.00	CONCRETE PAVING MACHINES	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.85	0.83									
C55	0.00	CONCRETE PUMPS	1.06	1.04	1.03	1.00	0.97	0.94	0.90											
C60	0.00	CONCRETE SAWS	1.06	1.04	1.03	1.00	0.96	0.93												
C65	0.00	CONCRETE VIBRATORS	1.02	1.01	1.01	1.00														
C70	0.00	CRANES, GANTRY & STRADDLE																		
C75	0.00	CRANES, HYDRAULIC, SELF-PROPELLED	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.76	0.74	0.72	0.70	0.69					
C80	0.00	CRANES, HYDRAULIC, TRUCK MOUNTED																		
C80	0.01	UNDER 26 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.76	0.74	0.72	0.70	0.69					
C80	0.02	26 TON THRU 65 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.77	0.74	0.72	0.71	0.69	0.68				
C80	0.03	66 TON THRU 125 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.77	0.74	0.72	0.71	0.70	0.68	0.63	0.58		

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
C80	0.04	OVER 125 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.79	0.77	0.75	0.73	0.71	0.70	0.68	0.64	0.59	0.52	0.48
C85	0.00	CRANES, MECHANICAL, CRAWLER MOUNTED																		
C85	0.11	DRAGLINE, CLAMSHELL, 0 THRU 1 CY	1.07	1.04	1.03	1.00	0.93	0.89	0.85	0.78	0.76	0.74	0.71							
C85	0.12	DRAGLINE, CLAMSHELL, OVER 1 CY THRU 2-1/2 CY	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.76	0.74	0.72	0.70	0.69					
C85	0.13	DRAGLINE, CLAMSHELL, OVER 2-1/2 CY THRU 5 CY	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.77	0.74	0.72	0.71	0.69	0.68				
C85	0.14	DRAGLINE, CLAMSHELL, OVER 5 CY	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.77	0.74	0.72	0.71	0.70	0.68	0.63	0.58		
C85	0.21	LIFTING, 0 THRU 25 TON	1.07	1.04	1.03	1.00	0.93	0.89	0.85	0.79	0.76	0.74	0.72	0.70						
C85	0.22	LIFTING, 26 TON THRU 50 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.77	0.74	0.72	0.71	0.69	0.68				
C85	0.23	LIFTING, 51 TON THRU 150 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.77	0.74	0.72	0.71	0.70	0.68	0.63	0.58		
C85	0.24	LIFTING, OVER 150 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.79	0.77	0.75	0.73	0.71	0.70	0.68	0.64	0.59	0.52	0.48
C90	0.00	CRANES, MECHANICAL, TRUCK MOUNTED																		
C90	0.01	UNDER 26 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.76	0.74	0.72	0.70	0.69					
C90	0.02	26 TON THRU 65 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.77	0.74	0.72	0.71	0.69	0.68				
C90	0.03	66 TON THRU 125 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.77	0.74	0.72	0.71	0.70	0.68	0.63	0.58		
C90	0.04	OVER 125 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.79	0.77	0.75	0.73	0.71	0.70	0.68	0.64	0.59	0.52	0.48
C95	0.00	CRANES, TOWER	1.07	1.04	1.03	1.00	0.93	0.90	0.85	0.79	0.76	0.74	0.72	0.70	0.69	0.67	0.63	0.57		
D10	0.00	DRILLS, AIR TRACK, CRAWLER MOUNTED	1.04	1.02	1.00	1.00	0.97	0.93	0.90	0.84	0.84									
D15	0.00	DRILLS, BORING MACHINES	1.04	1.02	1.00	1.00	0.97	0.93	0.90	0.84	0.84									
D20	0.00	DRILLS, CORE, COLUMN MOUNTED	1.04	1.02	1.00	1.00	0.97	0.93	0.90											
D25	0.00	DRILLS, CORE, SKID MOUNTED	1.04	1.02	1.00	1.00	0.97	0.93	0.90	0.84	0.84									
D30	0.00	DRILLS, EARTH/AUGER	1.04	1.02	1.00	1.00	0.97	0.93	0.90	0.84	0.84									
D35	0.00	DRILLS, ROTARY BLAST HOLE																		
D35	0.11	DIESEL OR GASOLINE, 0" THRU 11" DIAMETER HOLE	1.03	1.02	1.00	1.00	0.97	0.93	0.90	0.85	0.84	0.84	0.85	0.84	0.86					
D35	0.12	DIESEL OR GASOLINE, OVER 11" DIAMETER	1.03	1.02	1.00	1.00	0.97	0.94	0.90	0.85	0.85	0.84	0.86	0.85	0.86	0.85	0.78	0.67		
D35	0.21	ELECTRIC, 0" THRU 11" DIAMETER HOLE	1.03	1.02	1.00	1.00	0.97	0.93	0.90	0.85	0.84	0.84	0.85	0.84	0.86					
D35	0.22	ELECTRIC, OVER 11" DIAMETER	1.03	1.02	1.00	1.00	0.97	0.94	0.90	0.85	0.85	0.84	0.86	0.85	0.86	0.85	0.78	0.67		

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	TYPE OF EQUIPMENT	Life in Years / Year Purchased New: 0 / 1995	1 / 1994	2 / 1993	3 / 1992	4 / 1991	5 / 1990	6 / 1989	7 / 1988	8 / 1987	9 / 1986	10 / 1985	11 / 1984	12 / 1983	13 / 1982	14 / 1981	15 / 1980	16 / 1979	17 / 1978
F10	0.00	FORK LIFTS	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82									
G10	0.00	GENERATOR SETS																		
G10	0.10	PORTABLE	1.03	1.01	1.00	1.00	0.97	0.95	0.92											
G10	0.20	SKID MOUNTED	1.02	1.01	1.00	1.00	0.97	0.95	0.92	0.86	0.81									
G15	0.00	GRADERS, MOTOR	1.10	1.08	1.07	1.00	0.96	0.93	0.89	0.84	0.82	0.78	0.77							
H10	0.00	HAMMERS, HYDRAULIC (DEMOLITION TOOL)	1.06	1.04	1.03	1.00	0.96	0.93												
H13	0.00	HAZARD/TOXIC WASTE EQUIPMENT																		
H13	0.11	COMPACTORS (COMPRESSION FORCE), 0 - 50 TONS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83									
H13	0.12	COMPACTORS (COMPRESSION FORCE), OVER 50 TONS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79							
H13	0.21	FILTER PRESSES, STATIONARY	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82									
H13	0.22	FILTER PRESSES, MOBILE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83									
H13	0.30	CENTRIFUGES	1.06	1.04	1.03	1.00														
H13	0.40	SHREDDERS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83									
H13	0.51	SOIL TREATMENT PLANT, MOBILE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83									
H13	0.61	SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83									
H13	0.71	WASTE HANDLING EQUIPMENT, DRUM HANDLING	1.06	1.04	1.03	1.00														
H15	0.00	HEATERS, SPACE																		
H20	0.00	HOIST	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85										
H25	0.00	HYDRAULIC EXCAVATORS, CRAWLER MOUNTED																		
H25	0.11	DIESEL OR GASOLINE, 0 THRU 1 CY	1.14	1.10	1.08	1.00	0.96	0.92	0.87											
H25	0.12	DIESEL OR GASOLINE, OVER 1 CY THRU 2-1/2 CY	1.13	1.09	1.08	1.00	0.97	0.93	0.88	0.81	0.78									
H25	0.13	DIESEL OR GASOLINE, OVER 2-1/2 CY THRU 5 CY	1.13	1.09	1.08	1.00	0.97	0.93	0.89	0.82	0.79	0.77	0.74							
H25	0.14	DIESEL OR GASOLINE, OVER 5 CY	1.13	1.09	1.07	1.00	0.97	0.93	0.89	0.82	0.80	0.77	0.75	0.73	0.72					
H25	0.21	ATTACHMENTS, MOBILE SHEARS	1.06	1.04	1.03	1.00	0.97	0.93												
H25	0.22	ATTACHMENTS, MATERIAL HANDLING	1.06	1.04	1.03	1.00	0.96	0.93												
H25	0.23	ATTACHMENTS, CONCRETE PULVERIZERS	1.06	1.04	1.03	1.00	0.97	0.93												

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
H25	0.24	ATTACHMENTS, COMPACTORS	1.06	1.04	1.03	1.00	0.97	0.93												
H30	0.00	HYDRAULIC EXCAVATORS, WHEEL MTD																		
H30	0.01	0 THRU 1 CY	1.14	1.09	1.08	1.00	0.96	0.93	0.88											
H30	0.02	OVER 1 CY	1.13	1.09	1.08	1.00	0.97	0.93	0.88	0.81	0.79									
H35	0.00	HYDRAULIC SHOVELS, CRAWLER MOUNTED																		
H35	0.11	DIESEL, 0 CY THRU 5 CY	1.13	1.09	1.07	1.00	0.97	0.93	0.89	0.82	0.80	0.77	0.75	0.73	0.72					
H35	0.12	DIESEL, OVER 5 CY	1.12	1.08	1.07	1.00	0.97	0.93	0.89	0.82	0.80	0.77	0.75	0.74	0.72	0.71				
H35	0.21	ELECTRIC, OVER 2-1/2 CY	1.13	1.09	1.07	1.00	0.97	0.93	0.89	0.82	0.80	0.77	0.75	0.73	0.72	0.70	0.65	0.60		
L10	0.00	LAND CLEARING EQUIPMENT	1.13	1.10	1.05	1.00	0.96	0.93	0.89											
L15	0.00	LAWN MOWERS	1.06	1.04	1.03	1.00														
L20	0.00	LIGHTING SETS, TRAILER MOUNTED																		
L20	0.10	METALLIC VAPOR	1.06	1.04	1.03	1.00	0.96	0.93	0.89											
L25	0.00	LINE STRIPING EQUIPMENT	1.06	1.04	1.03	1.00	0.96	0.93	0.89											
L30	0.00	LOADERS, BELT (CONVEYOR BELTS)	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82									
L35	0.00	LOADERS, FRONT END, CRAWLER TYPE	1.12	1.10	1.05	1.00	0.96	0.93	0.90	0.84	0.78									
L40	0.00	LOADERS, FRONT END, WHEEL TYPE																		
L40	0.11	ARTICULATED, 0 THRU 225 HP	1.08	1.06	1.04	1.00	0.97	0.95	0.92	0.87	0.84									
L40	0.12	ARTICULATED, OVER 225 HP	1.08	1.06	1.03	1.00	0.98	0.95	0.92	0.88	0.85	0.83	0.82							
L40	0.20	SKID STEER	1.08	1.06	1.04	1.00	0.98	0.95	0.92											
L40	0.31	TOOL CARRIER, 0 THRU 225 HP	1.08	1.06	1.04	1.00	0.97	0.95	0.92	0.87	0.84									
L40	0.32	TOOL CARRIER, OVER 225 HP	1.08	1.06	1.03	1.00	0.98	0.95	0.92	0.88	0.85	0.83	0.82							
L45	0.00	LOADERS WITH BACKHOE, CRAWLER TYPE	1.12	1.10	1.05	1.00	0.96	0.93	0.90	0.84	0.78									
L50	0.00	LOADERS WITH BACKHOE, WHEEL TYPE	1.08	1.06	1.04	1.00	0.97	0.95	0.92	0.87	0.84									
L55	0.00	LOADER/BACKHOE, ATTACHMENTS	1.06	1.04	1.03	1.00	0.96	0.93												
L60	0.00	LOG SKIDDERS	1.07	1.05	1.02	1.00	0.98	0.96	0.93	0.91	0.89									
M10	0.00	MARINE EQUIPMENT																		

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	TYPE OF EQUIPMENT	Life in Years / Year Purchased New: 0 (1995)	1 (1994)	2 (1993)	3 (1992)	4 (1991)	5 (1990)	6 (1989)	7 (1988)	8 (1987)	9 (1986)	10 (1985)	11 (1984)	12 (1983)	13 (1982)	14 (1981)	15 (1980)	16 (1979)	17 (1978)
M10	0.11	MARINE, AQUATIC MAINTENANCE - LAKES/HARBORS	1.11	1.09	1.07	1.00	0.97	0.93	0.88	0.84	0.83									
M10	0.12	ATTACHMENTS FOR (M10 .11)	1.12	1.10	1.08	1.00	0.96	0.92												
M10	0.21	PORT. (TRUCKABLE) HYDRA, CUTTERHEAD DREDGE, 8" OR LESS	1.11	1.09	1.07	1.00	0.97	0.93	0.88	0.84	0.83									
M10	0.22	PORT. (TRUCKABLE) HYDRA, CUTTERHEAD DREDGE OVER 8" - 12"	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.83	0.81							
M10	0.23	PORT. (TRUCKABLE) HYDRA, AUGERHEAD DREDGE, 12" OR LESS	1.11	1.09	1.07	1.00	0.97	0.93	0.88	0.84	0.83									
M10	0.24	PORT. (TRUCKABLE) HYDRA, FLOATING PUMPS, 12" OR LESS	1.11	1.09	1.07	1.00	0.97	0.93	0.89											
M10	0.25	PORT. (TRUCKABLE) HYDRA, DREDGE PUMPS, 12" OR LESS	1.11	1.09	1.08	1.00	0.97	0.92												
M10	0.26	ATTACHMENTS FOR (M10 .21 - M10 .25)	1.11	1.09	1.08	1.00	0.97	0.92												
M10	0.31	SMALL MECH DREDGES, CLAMSHELL BARGE-MOUNTED TO 5 CY	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.79	0.77	0.75	0.73	0.71	0.70	0.68	0.64	0.59	0.52	0.48
M10	0.32	SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS	1.13	1.09	1.08	1.00	0.97	0.93	0.89	0.82	0.79	0.77	0.74							
M10	0.33	SMALL MECH DREDGES, HOE-MOUNTED DREDGING EXCAV.	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.84	0.81	0.78	0.75	0.73	0.69	0.62	0.54	0.49
M10	0.41	WORK FLOATS (NON-DREDGING)	1.11	1.09	1.07	1.00	0.97	0.93												
M10	0.42	WORK BARGES (SECTIONAL, NON-DREDGING)	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84									
M10	0.45	FLAT-DECK OR CARGO BARGE, (NON-DREDGING)	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.86	0.85	0.84	0.82	0.79	0.76	0.74	0.70	0.63	0.56	0.51
M10	0.46	HOPPER BARGE, (NON-DREDGING)	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.86	0.85	0.84	0.82	0.79	0.76	0.74	0.70	0.63	0.56	0.51
M10	0.47	DRILL BARGE, (NON-DREDGING)	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.86	0.85	0.84	0.82	0.79	0.76	0.74	0.70	0.63	0.56	0.51
M10	0.48	ALL OTHER BARGES, (NON-DREDGING)	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.86	0.85	0.84	0.82	0.79	0.76	0.74	0.70	0.63	0.56	0.51
M10	0.51	TUGS, BOATS & LAUNCHES, 0 THRU 250 HP	1.11	1.09	1.07	1.00	0.97	0.93	0.88	0.84	0.84	0.83	0.80							
M10	0.52	TUGS, BOATS & LAUNCHES, 251 THRU 300 HP	1.11	1.09	1.07	1.00	0.97	0.93	0.88	0.84	0.84	0.83	0.80							
M10	0.53	TUGS, BOATS & LAUNCHES, 301 THRU 500 HP	1.11	1.09	1.07	1.00	0.97	0.93	0.89	0.84	0.84	0.83	0.80	0.78	0.74					
M10	0.54	TUGS, BOATS & LAUNCHES, 501 THRU 1,000 HP	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.84	0.81	0.78	0.75	0.73	0.69	0.62	0.54	0.49
M10	0.55	TUGS, BOATS & LAUNCHES, OVER 1,000 HP	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.85	0.85	0.84	0.82	0.79	0.76	0.74	0.70	0.63	0.56	0.50
P10	0.00	PILE EXTRACTORS & LEADS	1.10	1.08	1.06	1.00	0.99	0.95												
P20	0.00	PILE HAMMERS, DOUBLE ACTING	1.10	1.08	1.06	1.00	0.99	0.95												
P25	0.00	PILE HAMMERS, SINGLE ACTING	1.10	1.08	1.06	1.00	0.99	0.95												
P30	0.00	PILE HAMMERS, VIBRATORY	1.10	1.08	1.06	1.00	0.99	0.95												

ge Adjustment Factors for Ownership Cost

REGION: 9

e in Years	Year Purchased New																
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
95	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
13	1.10	1.05	1.00	0.96	0.93	0.89	0.84	0.78	0.74	0.74							
07	1.05	1.03	1.00	0.92	0.89	0.84											
06	1.04	1.03	1.00	0.97	0.94	0.90											
6	1.04	1.03	1.00	0.96	0.93	0.89											
6	1.04	1.03	1.00	0.96	0.93	0.89											
6	1.04	1.03	1.00	0.96	0.93	0.89											
6	1.04	1.03	1.00	0.96	0.93	0.89											
6	1.04	1.03	1.00	0.96	0.93	0.89	0.84	0.82									
6	1.04	1.03	1.00	0.96	0.93	0.89	0.84	0.82									
6	1.04	1.03	1.00	0.96	0.93	0.89											
6	1.04	1.03	1.00	0.96	0.93	0.89											
6	1.04	1.03	1.00	0.96	0.93	0.89											
6	1.04	1.03	1.00	0.96	0.93	0.89											
	1.04	1.03	1.00	0.96	0.93	0.89											
	1.04	1.03	1.00	0.96	0.93	0.89											
	1.04	1.03	1.00	0.96	0.93	0.89											
	1.04	1.03	1.00	0.96	0.93	0.89											
	1.04	1.03	1.00	0.96	0.93	0.89											
	1.04	1.03	1.00	0.96	0.93	0.89											
	1.10	1.05	1.00	0.96	0.93	0.89											
	0.98	0.92	1.00	0.97	0.96	0.93	0.91	0.86									

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
R20	0.00	ROLLERS, TOWED - STEEL DRUM	1.01	0.98	0.92	1.00	0.97	0.96	0.93	0.91	0.86									
R30	0.00	ROLLERS, STATIC, SELF-PROPELLED																		
R30	0.01	PNEUMATIC	1.02	0.98	0.92	1.00	0.97	0.96	0.93											
R30	0.02	SMOOTH DRUM	1.01	0.98	0.92	1.00	0.97	0.96	0.93	0.91	0.86									
R30	0.03	TAMPING FOOT	1.01	0.98	0.92	1.00	0.97	0.96	0.93	0.91	0.86									
R40	0.00	ROLLERS, VIBRATORY, TOWED	1.02	0.98	0.92	1.00	0.97	0.96	0.93											
R45	0.00	ROLLERS, VIBRATORY, DOUBLE DRUM	1.02	0.98	0.92	1.00	0.97	0.96	0.93											
R50	0.00	ROLLERS, VIBRATORY, SINGLE DRUM	1.02	0.98	0.92	1.00	0.97	0.96	0.93											
R55	0.00	ROOFING EQUIPMENT	1.06	1.04	1.03	1.00	0.97	0.93												
S10	0.00	SCRAPERS, ELEVATING																		
S10	0.01	0 THRU 200 HP	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.84	0.82									
S10	0.02	OVER 200 HP	1.10	1.08	1.07	1.00	0.97	0.93	0.90	0.85	0.83									
S15	0.00	SCRAPERS, CONVENTIONAL	1.10	1.08	1.07	1.00	0.97	0.93	0.90	0.85	0.83									
S20	0.00	SCRAPERS, TANDEM POWERED	1.10	1.08	1.07	1.00	0.97	0.93	0.90	0.85	0.83									
S25	0.00	SCRAPERS, TRACTOR DRAWN	1.10	1.08	1.07	1.00	0.97	0.93	0.90	0.84	0.82	0.78	0.78							
S30	0.00	SCREENING & CRUSHING PLANTS																		
S30	0.10	CONVEYORS	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82									
S30	0.20	CRUSHERS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83									
S30	0.30	SCREENING PLANT	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82									
S35	0.00	SNOW REMOVAL EQUIPMENT	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
S40	0.00	SOIL & ROAD STABILIZERS	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.84	0.82									
S45	0.00	SPLITTERS, ROCK & CONCRETE	1.06	1.04	1.03	1.00	0.96	0.93												
T10	0.00	TRACTOR BLADES & ATTACHMENTS	1.13	1.10	1.05	1.00	0.96	0.93	0.90	0.84	0.78									
T15	0.00	TRACTORS, CRAWLER (DOZER)																		
T15	0.01	0 THRU 225 HP	1.14	1.10	1.06	1.00	0.96	0.93	0.89	0.83	0.77									
T15	0.02	226 HP THRU 425 HP	1.13	1.10	1.05	1.00	0.96	0.93	0.90	0.84	0.78									

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
T15	0.03	OVER 425 HP	1.12	1.09	1.05	1.00	0.96	0.93	0.90	0.85	0.79	0.76	0.76							
T20	0.00	TRACTORS, WHEEL TYPE (DOZER)	1.07	1.05	1.02	1.00	0.98	0.96	0.93	0.91	0.89									
T25	0.00	TRACTORS, WHEEL TYPE (FARM)	1.07	1.05	1.02	1.00	0.98	0.96	0.93											
T30	0.00	TRENCHERS, CHAIN	1.07	1.05	1.00	1.00	0.97	0.95	0.92											
T35	0.00	TRENCHERS, WHEEL TYPE	1.07	1.05	1.00	1.00	0.97	0.95	0.92	0.91	0.89									
T40	0.00	TRUCK OPTIONS, (ADD TRUCK)																		
T40	0.10	CRANES, HYDRAULIC	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
T40	0.20	DUMP BODY, REAR	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
T40	0.30	FLATBEDS, WITH CONTINUOUS SIDES	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
T40	0.41	HOIST, ELECTRIC DRIVE	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
T40	0.50	TRANSIT MIXERS	1.06	1.04	1.03	1.00	0.97	0.94	0.90											
T40	0.60	WATER TANKS	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
T40	0.70	ALL OTHER OPTIONS	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
T45	0.00	TRUCK TRAILERS																		
T45	0.10	BOTTOM DUMP	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83									
T45	0.20	END DUMP	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83									
T45	0.30	PUP TRAILER	1.06	1.04	1.03	1.00	0.97	0.94	0.90											
T45	0.41	LOWBOY, RIGID NECK, DROP DECK	1.06	1.04	1.03	1.00	0.96	0.93	0.89	0.84	0.81									
T45	0.50	PLATFORM TRAILER	1.06	1.04	1.03	1.00	0.96	0.93	0.89	0.84	0.81									
T45	0.60	TILT TRAILER	1.06	1.04	1.03	1.00	0.96	0.93	0.89	0.84	0.81									
T45	0.70	WATER TANKER TRAILER	1.06	1.04	1.03	1.00	0.96	0.93	0.89	0.84	0.81									
T45	0.80	DECONTAMINATION FACILITY	1.06	1.05	1.03	1.00	0.96	0.93	0.88											
T45	0.90	TANK TRAILERS	1.06	1.04	1.03	1.00	0.96	0.93	0.89	0.84	0.81									
T50	0.00	TRUCKS, HIGHWAY																		
T50	0.01	0 THRU 10,000 GVW	1.16	1.14	1.08	1.00	0.96	0.92	0.91											
T50	0.02	OVER 10,000 THRU 30,000 GVW	1.15	1.13	1.08	1.00	0.96	0.92	0.91											

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
T50	0.03	OVER 30,000 GVW	1.15	1.13	1.08	1.00	0.96	0.93	0.91											
T55	0.00	TRUCKS, OFF-HIGHWAY	1.03	1.02	0.99	1.00	0.97	0.94	0.89	0.82	0.78	0.77	0.76							
T57	0.00	TRUCKS, VACUUM	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82									
T60	0.00	TRUCKS, WATER, OFF-HIGHWAY	1.04	1.02	0.99	1.00	0.97	0.94	0.89	0.82	0.78	0.76	0.76							
T65	0.00	TUNNEL/MINING EQUIPMENT																		
T65	0.10	DRIFTING & TUNNELING DRILLS	1.03	1.02	1.00	1.00	0.97	0.94	0.90	0.85	0.85	0.84	0.86	0.85	0.86					
T65	0.20	TUNNEL BORING MACHINES	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.82	0.81	0.79	0.78	0.76	0.71	0.63		
T65	0.30	PRODUCTION DRILLING RIGS	1.03	1.02	1.00	1.00	0.97	0.94	0.90	0.85	0.84	0.84	0.86							
T65	0.40	ROADHEADERS & CONTINUOUS MINERS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76				
T65	0.50	ROCK BOLTING EQUIPMENT	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82									
T65	0.61	LOADING & HAULING EQUIPMENT, DIESEL OR GAS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79							
T65	0.62	LOADING & HAULING EQUIPMENT, ELECTRIC	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.78	0.77					
T65	0.63	LOADING & HAULING EQUIPMENT, AIR-POWERED	1.06	1.04	1.03	1.00	0.96	0.93	0.89	0.84	0.82									
T65	0.70	LOCOMOTIVES	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79							
T65	0.90	OTHER TUNNELING EQUIPMENT	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82									
W10	0.00	WAGONS, BOTTOM DUMP	1.03	1.02	0.99	1.00	0.97	0.94	0.89	0.82	0.78	0.77	0.76							
W15	0.00	WAGONS, REAR DUMP	1.03	1.02	0.99	1.00	0.97	0.94	0.89	0.82	0.78	0.77	0.76							
W25	0.00	WATER & CO2 BLASTERS																		
W25	0.10	LOW PRESSURE, (< 5,000 PSI)	1.06	1.04	1.03	1.00														
W25	0.20	HIGH PRESSURE, (>= 5,000 PSI)	1.06	1.04	1.03	1.00	0.96	0.93												
W25	0.30	STEAM CLEANERS	1.06	1.04	1.03	1.00														
W25	0.40	CO2 BLASTERS	1.06	1.04	1.03	1.00	0.97	0.93	0.89											
W30	0.00	WATER TANKS																		
W30	0.10	PORTABLE WITH WHEELS	1.04	1.02	0.99	1.00	0.97	0.94	0.89	0.82	0.78	0.76	0.76							
W30	0.20	SKID MOUNTED	1.04	1.02	0.99	1.00	0.97	0.94	0.89	0.82	0.78	0.76	0.76							
W35	0.00	WELDERS																		

Table 3-1 Equipment Age Adjustment Factors for Ownership Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
W35	0.10	GASOLINE OR DIESEL DRIVE	1.06	1.05	1.03	1.00	0.96	0.93	0.88											
W35	0.21	ELECTRIC DRIVE	1.06	1.05	1.03	1.00	0.96	0.93												
W35	0.22	MIG	1.06	1.05	1.03	1.00	0.96	0.93												
W35	0.23	RECTIFIER	1.06	1.05	1.03	1.00	0.96	0.93												
W35	0.24	TRANSFORMER	1.06	1.05	1.03	1.00	0.96	0.93												

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 125B, 4WD, 4 CY capacity
3. Serial number indicates year of manufacture = 1980
4. Actual purchase price was $119,995 in 1980
5. Horsepower is 210 hp
6. Drive tire size = 23.5 x 25, 16 PR, L-3

Drive tire cost = 4 tires x $2,176 = $8,704 (in 1995)

D. TABLE 3-1, Age Adjustment Factors for Ownership Costs:

1. Category L40.11 (wheel loaders < 225 hp)
2. Last age adjustment factor - 1987

E. Adjust the actual purchase price:

1. Index APPENDIX E (wheel loaders EK = 45)
   a. 1987 = 4099 (first year of economic life)
   b. 1980 = 2938 (year of manufacture)
2. Purchase price (TEV) indexed to 1987 (first year of economic life):
   (Purchase price includes discount, sales tax & freight)

   (4099 / 2938) x $119,995 = $167,413 (=1987 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 LOADER

(2) Model and Series: 125 B 4 C.Y.

(3) Present Year or Year of Use: 1995

(4) Year Manufactured or Purchased: 1980 (first year of economic life = 1987)

(5) Horsepower - Equipment: 210

(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: (Total cost of tires based on present year - see 1.a.(3))

(a) Front:	No.: N/A	Size/Ply:		Cost:	$
(b) Drive:	No.: 4	Size/Ply:	23.5 X 25, 16 PR	Cost:	$ 8,704
(c) Trailing:	No.: N/A	Size/Ply:		Cost:	$
(d) Total Tire Cost:					$ 8,704

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):	0.036
(7) Fuel Factor - Carrier (E G D):	N/A
(8) FOG Factor (E G D):	0.42
(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 (RPR):	0.70

Page 1 of 6

Figure 3-1. Total 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. TOTAL: = $** 167,413

[(2.a.(4)] + [(2.b)]

(Use actual cost if available.)
(See Chapter 3 for used and overage equipment hourly rate adjustments.)

3. DEPRECIATION PERIOD (N)

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

(_10,000__Hrs) / (_____1150_____Hrs/Yr) **3. TOTAL: =** 8.70 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]

(_____2322_____) / (_____2550_____) = ____0.911____ (**TCI**)
(for 1987) (for 1995)

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

4. OWNERSHIP COST (Continued)

a. Depreciation (continued)

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

[(167,413) x [1.0 - (0.25)] - [(0.911) x (8,704)]] / (10,000)

= $ 11.76 /Hr

b. Facilities Capital Cost of Money (FCCM):

(1) [[(N [3.a.]) -1.0] x [1.0 + (SLV) [1.c.5.]] + 2.0] / [2.0 x (N [3.a.])] = Avg Value Factor **(AVF)**

[[(8.7 Yrs) - 1.0] x [1.0 +(0.25)] + 2.0] / [2.0 x (8.7 Yrs)] = 0.668 **(AVF)**

(2) (TEV [2.c.]) x (AVF [4.b.(1)]) x (Adjusted Cost-of-Money [APPENDIX B]) / (WHPY [APPENDIX B])

(167,413) x (0.668) x (0.0650) / (1150 Hrs/Yr)

= $ 6.32 /Hr

c. TOTAL HOURLY OWNERSHIP COST: [4.a.(2)] + [4.b.(2)] **4. TOTAL:** = $ 18.08 /Hr

5. OPERATING COST

a. Fuel Costs:

(1) Equipment:

(Fuel Factor [1.c.(6)]) x (Horsepower [1.a.(5)]) x (Fuel Cost Per Gallon [APPENDIX B])

(0.036) x (210 HP) x (0.80 /Gal) = $ 6.05 /Hr

(2) Carrier:

(Fuel Factor [1.c.(7)]) x (Horsepower [1.a.(6)]) x (Fuel Cost Per Gallon [APPENDIX B])

(---) x (--- HP) x (--- /Gal) = $ --- /Hr

(3) Total Hourly Fuel Costs: [(5.a (1)] + [5.a (2)] Total 5.a. = $ 6.05 /Hr

Page 3 of 6

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

5. OPERATING COST (Continued)

b. FOG Cost:

(1) Equipment:

(FOG Factor) x (Equipment Fuel Cost) x (LAF)
[1.c.(8)] [5.a.(1)] [APPENDIX B]

(0.42) x (6.05 /Hr) x (1.18) = $ 3.00 **/Hr**

(2) Carrier:

(FOG Factor) x (Carrier Fuel Cost) x (LAF)
[1.c.(8)] [5.a.(2)] [APPENDIX B]

(---) x (--- /Hr) x (---) = $ ---- **Hr**

(3) Total Hourly Fog Cost: Total 5.b. = $ 3.00 **/Hr**
[(5.b.(1)] + [5.b.(2)]

c. Repair Cost:

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

(Economic Index for Year 1a.(3)) / (Economic Index for Year 1a.(4))
[APPENDIX E] (for 1995) [APPENDIX E] (for 1987)

(5072) / (4099) = 1.237 **(EAF)**

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

(2) Repair Factor:

(RPR) x (EAF) x (LAF) = Repair Factor **(RF)**
[1.c.(10)] [5.c.(1).] [APPENDIX B]

(0.70) x (1.237) x (1.18) = 1.022 RF

(3) Repair Cost

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

[(167.413) - **[** (0.911) x (8.074) **]]** x (1.022) / (10.000)

(4) Total Hourly Repair Cost: Total 5.c. = $ 16.30 **/Hr**

Page 4 of 6

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

5. OPERATING COST (Continued)

d. Tire Wear Cost: *(Use current price levels)*

(1) Front Tires:

[1.5 x (FT Cost)] / [1.8 x (FT Wear Factor) x (Maximum Tire Life/Hrs)]
[1.a.(9)(a)] [1.c.(9)(a)] [APPENDIX G]

[1.5 x (---)] / [1.8 x (---) x --- /Hrs)]
= $ --- /Hr

(2) Drive Tires:

[1.5 x (DT Cost)] / [1.8 x (DT Wear Factor) x (Maximum Tire Life/Hrs)]
[1.a.(9)(b)] [1.c.(9)(b)] [APPENDIX G]

[1.5 x (8,704)] / [1.8 x (0.42) x (5,000 /Hrs)]
= $ 3.45 /Hr

(3) Trailing Tires:

[1.5 x (TT Cost)] / [1.8 x (TT Wear Factor) x (Maximum Tire Life/Hrs)]
[1.a.(9)(c)] [1.c.(9)(c)] [APPENDIX G]

[1.5 x (---)] / [1.8 x (---) x (--- /Hrs)]

= $ --- /Hr

(4) Total Tire Wear Cost: Total 5.d. = $ 3.45 **/Hr**
[Sum 5.d.(1) through 5.d.(3)]

e. Tire Repair Cost:

(Total Tire Wear) x 0.15 x (LAF)
[5.d.(4)] [APPENDIX B]

(3.45) x 0.15 x (1.18) Total 5.e. = $ 0.61 **/Hr**

f. TOTAL HOURLY OPERATING COST: **5. TOTAL:** $ 29.41 **/Hr**
[Sum 5.a. through 5.e.]

Page 5 of 6

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.f]

(__18.08__/Hr) + (____29.41__ /Hr)

= $__47.49__/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.f.]

(_____/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, SEE FIGURE 3-2.

See Chapter 3 if rate adjustments are necessary.

Page 6 of 6

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, Adjusments to Hourly Rates

Refer to Chapter 3, as follows:

3-10. Rate Adjustments if a Standby Rate is Required

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
A10	0.00	AGGREGATE/CHIP SPREADERS																		
A10	0.10	SELF PROPELLED	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.86	0.84	0.83	0.83	0.80	0.79	0.81	0.75	0.70	0.64	0.58
A10	0.20	TOWED & TAILGATE	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.86	0.83	0.82	0.82	0.79	0.78	0.80	0.74	0.68	0.62	0.56
A15	0.00	AIR COMPRESSORS, PORTABLE																		
A15	0.10	ROTARY SCREW	1.02	1.01	1.01	1.00	0.98	0.98	0.94	0.89	0.85	0.85	0.85	0.83	0.83	0.82	0.76	0.80	0.74	0.65
A15	0.20	SHOP TYPE, ELECTRIC	1.02	1.01	1.01	1.00	0.98	0.98	0.94	0.89	0.86	0.85	0.86	0.83	0.84	0.83	0.77	0.81	0.75	0.66
A20	0.00	AIR HOSE, TOOLS & EQUIPMENT																		
A20	0.10	AIR HOSES	1.02	1.01	1.01	1.00	0.98	0.98	0.94	0.89	0.85	0.85	0.86	0.83	0.83	0.82	0.76	0.80	0.74	0.65
A20	0.20	BLAST HOSE	1.02	1.01	1.01	1.00	0.98	0.98	0.94	0.89	0.85	0.85	0.86	0.83	0.83	0.82	0.76	0.80	0.74	0.65
A20	0.30	SANDBLASTERS & BREAKERS	1.02	1.01	1.01	1.00	0.98	0.97	0.93	0.88	0.84	0.84	0.84	0.82	0.82	0.81	0.75	0.78	0.72	0.63
A25	0.00	ASPHALT DISTRIBUTORS	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.86	0.84	0.82	0.82	0.80	0.79	0.80	0.75	0.69	0.63	0.57
A30	0.00	ASPHALT FINISHERS/PAVERS																		
A30	0.10	SELF PROPELLED	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.86	0.84	0.83	0.83	0.80	0.79	0.81	0.75	0.70	0.64	0.58
A30	0.20	TOWED	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.86	0.84	0.83	0.83	0.80	0.79	0.81	0.75	0.70	0.64	0.58
A35	0.00	ASPHALT KETTLES	1.04	1.02	1.00	1.00	0.97	0.92	0.88	0.86	0.83	0.82	0.82	0.79	0.78	0.80	0.74	0.68	0.62	0.56
A40	0.00	ASPHALT & CONC. MILLERS/PROFILERS/PLANERS	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.86	0.84	0.83	0.83	0.80	0.79	0.81	0.75	0.70	0.64	0.58
A45	0.00	ASPHALT RECYCLERS & SEALERS	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.86	0.84	0.82	0.82	0.80	0.79	0.80	0.75	0.69	0.63	0.57
B00	0.00	BACKHOE (SEE HYDRAULIC EXCAV. & LOADER W/ BH)																		
B10	0.00	BATCH PLANTS, ASPHALT & CONCRETE																		
B10	0.10	ASPHALT	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.87	0.85	0.83	0.83	0.81	0.80	0.81	0.76	0.70	0.64	0.59
B10	0.20	CONCRETE	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.87	0.85	0.83	0.83	0.81	0.80	0.81	0.76	0.70	0.64	0.59
B10	0.30	PUGMILL	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.87	0.85	0.83	0.83	0.81	0.80	0.81	0.76	0.70	0.64	0.59
B15	0.00	BROOMS, STREET SWEEPERS & FLUSHERS	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
B20	0.00	BRUSH CHIPPERS	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
B25	0.00	BUCKETS, CLAMSHELL	1.10	1.08	1.09	1.00	0.96	0.91	0.86	0.78	0.76	0.75	0.74	0.72	0.71	0.72	0.68	0.61	0.51	0.45
B30	0.00	BUCKETS, CONCRETE																		

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
B30	0.10	GENERAL PURPOSE, MANUAL	1.10	1.08	1.09	1.00	0.96	0.91	0.85	0.78	0.76	0.75	0.74	0.72	0.71	0.72	0.68	0.60	0.50	0.44
B30	0.20	LAYDOWN	1.10	1.08	1.09	1.00	0.96	0.91	0.85	0.78	0.76	0.75	0.74	0.72	0.71	0.72	0.68	0.60	0.50	0.44
B30	0.30	LOWBOY	1.10	1.08	1.09	1.00	0.96	0.91	0.85	0.78	0.76	0.75	0.74	0.72	0.71	0.72	0.68	0.60	0.50	0.44
B30	0.40	LOW SLUMP	1.10	1.08	1.09	1.00	0.96	0.91	0.85	0.78	0.76	0.75	0.74	0.72	0.71	0.72	0.68	0.60	0.50	0.44
B35	0.00	BUCKETS, DRAGLINE																		
B35	0.10	LIGHT WEIGHT	1.10	1.08	1.09	1.00	0.96	0.91	0.85	0.78	0.76	0.75	0.74	0.72	0.71	0.72	0.68	0.60	0.50	0.44
B35	0.20	MEDIUM WEIGHT	1.10	1.08	1.09	1.00	0.96	0.91	0.85	0.78	0.76	0.75	0.74	0.72	0.71	0.72	0.68	0.61	0.50	0.45
B35	0.30	HEAVY WEIGHT	1.10	1.08	1.09	1.00	0.96	0.91	0.86	0.78	0.76	0.75	0.74	0.72	0.71	0.72	0.68	0.61	0.51	0.45
C05	0.00	CHAIN SAWS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.69	0.61	0.53	0.47
C10	0.00	COMPACTORS, MANUALLY OPERATED	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82	0.80	0.79	0.78	0.76	0.74	0.68	0.60	0.52	0.46
C15	0.00	CONCRETE BLASTERS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.80	0.79	0.78	0.77	0.75	0.69	0.61	0.52	0.46
C20	0.00	CONCRETE BUGGIES	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82	0.80	0.79	0.78	0.76	0.74	0.68	0.60	0.52	0.46
C25	0.00	CONCRETE FINISHERS	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82	0.80	0.79	0.78	0.76	0.74	0.68	0.60	0.52	0.46
C30	0.00	CONCRETE GRINDERS	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82	0.80	0.79	0.78	0.76	0.74	0.68	0.60	0.52	0.46
C35	0.00	CONCRETE GUNITERS / SHOTCRETERS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.62	0.54	0.49
C40	0.00	CONCRETE / WASTE MIXERS	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82	0.80	0.79	0.78	0.76	0.74	0.68	0.60	0.52	0.46
C45	0.00	CONCRETE PAVING MACHINES	1.04	1.02	1.00	1.00	0.97	0.92	0.89	0.86	0.84	0.83	0.83	0.80	0.79	0.81	0.75	0.70	0.64	0.58
C55	0.00	CONCRETE PUMPS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
C60	0.00	CONCRETE SAWS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.80	0.79	0.78	0.77	0.75	0.69	0.61	0.52	0.46
C65	0.00	CONCRETE VIBRATORS	1.02	1.01	1.01	1.00	0.98	0.97	0.93	0.88	0.84	0.84	0.84	0.82	0.82	0.81	0.75	0.78	0.72	0.63
C70	0.00	CRANES, GANTRY & STRADDLE																		
C75	0.00	CRANES, HYDRAULIC, SELF-PROPELLED	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.75	0.73	0.72	0.71	0.69	0.65	0.60	0.54	0.49
C80	0.00	CRANES, HYDRAULIC, TRUCK MOUNTED																		
C80	0.01	UNDER 26 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.75	0.73	0.72	0.71	0.69	0.65	0.60	0.54	0.49
C80	0.02	26 TON THRU 65 TON	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.75	0.73	0.72	0.71	0.69	0.65	0.60	0.54	0.49
C80	0.03	66 TON THRU 125 TON	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.76	0.74	0.73	0.71	0.70	0.65	0.60	0.54	0.50

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	TYPE OF EQUIPMENT	Life in Years / Year Purchased New: 0 / 1995	1 / 1994	2 / 1993	3 / 1992	4 / 1991	5 / 1990	6 / 1989	7 / 1988	8 / 1987	9 / 1986	10 / 1985	11 / 1984	12 / 1983	13 / 1982	14 / 1981	15 / 1980	16 / 1979	17 / 1978
C80	0.04	OVER 125 TON	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.76	0.74	0.73	0.72	0.70	0.66	0.61	0.55	0.50
C85	0.00	CRANES, MECHANICAL, CRAWLER MOUNTED																		
C85	0.11	DRAGLINE, CLAMSHELL, 0 THRU 1 CY	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.79	0.77	0.75	0.73	0.72	0.70	0.69	0.64	0.59	0.53	0.48
C85	0.12	DRAGLINE, CLAMSHELL, OVER 1 CY THRU 2-1/2 CY	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.75	0.73	0.72	0.71	0.69	0.65	0.60	0.54	0.49
C85	0.13	DRAGLINE, CLAMSHELL, OVER 2-1/2 CY THRU 5 CY	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.75	0.73	0.72	0.71	0.69	0.65	0.60	0.54	0.49
C85	0.14	DRAGLINE, CLAMSHELL, OVER 5 CY	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.76	0.74	0.73	0.71	0.70	0.65	0.60	0.54	0.50
C85	0.21	LIFTING, 0 THRU 25 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.77	0.75	0.73	0.72	0.70	0.69	0.64	0.59	0.53	0.48
C85	0.22	LIFTING, 26 TON THRU 50 TON	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.75	0.73	0.72	0.71	0.69	0.65	0.60	0.54	0.49
C85	0.23	LIFTING, 51 TON THRU 150 TON	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.76	0.74	0.73	0.71	0.70	0.65	0.60	0.54	0.50
C85	0.24	LIFTING, OVER 150 TON	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.76	0.74	0.73	0.72	0.70	0.66	0.61	0.55	0.50
C90	0.00	CRANES, MECHANICAL, TRUCK MOUNTED																		
C90	0.01	UNDER 26 TON	1.07	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.75	0.73	0.72	0.71	0.69	0.65	0.60	0.54	0.49
C90	0.02	26 TON THRU 65 TON	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.75	0.73	0.72	0.71	0.69	0.65	0.60	0.54	0.49
C90	0.03	66 TON THRU 125 TON	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.76	0.74	0.73	0.71	0.70	0.65	0.60	0.54	0.50
C90	0.04	OVER 125 TON	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.76	0.74	0.73	0.72	0.70	0.66	0.61	0.55	0.50
C95	0.00	CRANES, TOWER	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.76	0.74	0.72	0.71	0.70	0.65	0.60	0.54	0.50
D10	0.00	DRILLS, AIR TRACK, CRAWLER MOUNTED	1.03	1.02	1.00	1.00	0.97	0.94	0.90	0.85	0.85	0.84	0.86	0.85	0.86	0.85	0.78	0.67	0.58	0.54
D15	0.00	DRILLS, BORING MACHINES	1.03	1.02	1.00	1.00	0.97	0.94	0.90	0.85	0.85	0.84	0.86	0.85	0.86	0.85	0.78	0.67	0.58	0.54
D20	0.00	DRILLS, CORE, COLUMN MOUNTED	1.03	1.02	1.00	1.00	0.97	0.94	0.90	0.85	0.84	0.84	0.86	0.85	0.86	0.85	0.78	0.67	0.57	0.53
D25	0.00	DRILLS, CORE, SKID MOUNTED	1.03	1.02	1.00	1.00	0.97	0.94	0.90	0.85	0.85	0.84	0.86	0.85	0.86	0.85	0.78	0.67	0.58	0.54
D30	0.00	DRILLS, EARTH/AUGER	1.03	1.02	1.00	1.00	0.97	0.94	0.90	0.85	0.85	0.84	0.86	0.85	0.86	0.85	0.78	0.67	0.58	0.54
D35	0.00	DRILLS, ROTARY BLAST HOLE																		
D35	0.11	DIESEL OR GASOLINE, 0" THRU 11" DIAMETER HOLE	1.03	1.02	1.00	1.00	0.97	0.94	0.91	0.86	0.85	0.85	0.86	0.86	0.87	0.86	0.79	0.68	0.60	0.56
D35	0.12	DIESEL OR GASOLINE, OVER 11" DIAMETER	1.03	1.02	1.00	1.00	0.97	0.94	0.91	0.86	0.86	0.85	0.87	0.86	0.87	0.86	0.80	0.69	0.61	0.57
D35	0.21	ELECTRIC, 0" THRU 11" DIAMETER HOLE	1.03	1.02	1.00	1.00	0.97	0.94	0.91	0.86	0.85	0.85	0.86	0.86	0.87	0.86	0.79	0.68	0.60	0.56
D35	0.22	ELECTRIC, OVER 11" DIAMETER	1.03	1.02	1.00	1.00	0.97	0.94	0.91	0.86	0.86	0.85	0.87	0.86	0.87	0.86	0.80	0.69	0.61	0.57

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
F10	0.00	FORK LIFTS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
G10	0.00	GENERATOR SETS																		
G10	0.10	PORTABLE	1.02	1.01	1.00	1.00	0.97	0.95	0.92	0.87	0.82	0.80	0.80	0.77	0.75	0.73	0.71	0.63	0.52	0.50
G10	0.20	SKID MOUNTED	1.02	1.01	1.00	1.00	0.97	0.95	0.92	0.87	0.82	0.81	0.80	0.78	0.76	0.74	0.72	0.64	0.53	0.51
G15	0.00	GRADERS, MOTOR	1.09	1.08	1.07	1.00	0.97	0.93	0.90	0.85	0.83	0.80	0.79	0.77	0.77	0.75	0.69	0.62	0.55	0.51
H10	0.00	HAMMERS, HYDRAULIC (DEMOLITION TOOL)	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.80	0.79	0.78	0.77	0.75	0.69	0.61	0.52	0.46
H13	0.00	HAZARD/TOXIC WASTE EQUIPMENT																		
H13	0.11	COMPACTORS (COMPRESSION FORCE), 0 - 50 TONS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
H13	0.12	COMPACTORS (COMPRESSION FORCE), OVER 50 TONS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
H13	0.21	FILTER PRESSES, STATIONARY	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
H13	0.22	FILTER PRESSES, MOBILE	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
H13	0.30	CENTRIFUGES	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.84	0.82	0.80	0.79	0.77	0.76	0.74	0.68	0.59	0.51	0.45
H13	0.40	SHREDDERS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
H13	0.51	SOIL TREATMENT PLANT, MOBILE	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
H13	0.61	SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
H13	0.71	WASTE HANDLING EQUIPMENT, DRUM HANDLING	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.69	0.61	0.53	0.47
H15	0.00	HEATERS, SPACE																		
H20	0.00	HOIST	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.62	0.54	0.49
H25	0.00	HYDRAULIC EXCAVATORS, CRAWLER MOUNTED																		
H25	0.11	DIESEL OR GASOLINE, 0 THRU 1 CY	1.13	1.09	1.08	1.00	0.97	0.93	0.88	0.81	0.79	0.76	0.74	0.72	0.71	0.69	0.64	0.58	0.51	0.46
H25	0.12	DIESEL OR GASOLINE, OVER 1 CY THRU 2-1/2 CY	1.12	1.08	1.07	1.00	0.97	0.93	0.89	0.82	0.80	0.77	0.75	0.73	0.72	0.70	0.65	0.60	0.53	0.48
H25	0.13	DIESEL OR GASOLINE, OVER 2-1/2 CY THRU 5 CY	1.12	1.08	1.07	1.00	0.97	0.93	0.89	0.83	0.80	0.78	0.76	0.74	0.73	0.71	0.67	0.61	0.55	0.50
H25	0.14	DIESEL OR GASOLINE, OVER 5 CY	1.12	1.08	1.07	1.00	0.97	0.94	0.89	0.83	0.81	0.78	0.76	0.75	0.73	0.72	0.67	0.62	0.56	0.51
H25	0.21	ATTACHMENTS, MOBILE SHEARS	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
H25	0.22	ATTACHMENTS, MATERIAL HANDLING	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.80	0.79	0.78	0.77	0.75	0.69	0.61	0.52	0.46
H25	0.23	ATTACHMENTS, CONCRETE PULVERIZERS	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
H25	0.24	ATTACHMENTS, COMPACTORS	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
H30	0.00	HYDRAULIC EXCAVATORS, WHEEL MTD																		
H30	0.01	0 THRU 1 CY	1.13	1.09	1.08	1.00	0.97	0.93	0.88	0.82	0.79	0.76	0.74	0.73	0.71	0.70	0.65	0.59	0.52	0.47
H30	0.02	OVER 1 CY	1.12	1.08	1.07	1.00	0.97	0.93	0.89	0.82	0.80	0.77	0.75	0.74	0.73	0.71	0.66	0.61	0.54	0.49
H35	0.00	HYDRAULIC SHOVELS, CRAWLER MOUNTED																		
H35	0.11	DIESEL, 0 CY THRU 5 CY	1.12	1.08	1.07	1.00	0.97	0.94	0.89	0.83	0.81	0.78	0.76	0.75	0.73	0.72	0.67	0.62	0.56	0.51
H35	0.12	DIESEL, OVER 5 CY	1.12	1.08	1.07	1.00	0.97	0.94	0.89	0.83	0.81	0.78	0.76	0.75	0.74	0.72	0.67	0.62	0.56	0.51
H35	0.21	ELECTRIC, OVER 2-1/2 CY	1.12	1.08	1.07	1.00	0.97	0.94	0.89	0.83	0.81	0.79	0.76	0.75	0.74	0.72	0.68	0.63	0.56	0.52
L10	0.00	LAND CLEARING EQUIPMENT	1.12	1.09	1.05	1.00	0.96	0.93	0.90	0.84	0.79	0.76	0.75	0.76	0.76	0.73	0.66	0.59	0.52	0.46
L15	0.00	LAWN MOWERS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.69	0.61	0.53	0.47
L20	0.00	LIGHTING SETS, TRAILER MOUNTED																		
L20	0.10	METALLIC VAPOR	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
L25	0.00	LINE STRIPING EQUIPMENT	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
L30	0.00	LOADERS, BELT (CONVEYOR BELTS)	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
L35	0.00	LOADERS, FRONT END, CRAWLER TYPE	1.11	1.09	1.05	1.00	0.96	0.94	0.90	0.85	0.79	0.76	0.76	0.77	0.77	0.74	0.67	0.60	0.54	0.48
L40	0.00	LOADERS, FRONT END, WHEEL TYPE																		
L40	0.11	ARTICULATED, 0 THRU 225 HP	1.08	1.06	1.03	1.00	0.98	0.95	0.92	0.88	0.85	0.83	0.82	0.82	0.80	0.78	0.70	0.58	0.51	0.45
L40	0.12	ARTICULATED, OVER 225 HP	1.07	1.05	1.03	1.00	0.98	0.95	0.93	0.89	0.86	0.84	0.83	0.83	0.81	0.79	0.72	0.61	0.53	0.48
L40	0.20	SKID STEER	1.07	1.06	1.03	1.00	0.98	0.95	0.92	0.89	0.85	0.83	0.83	0.82	0.80	0.78	0.71	0.59	0.52	0.47
L40	0.31	TOOL CARRIER, 0 THRU 225 HP	1.08	1.06	1.03	1.00	0.98	0.95	0.92	0.88	0.85	0.83	0.82	0.82	0.80	0.78	0.70	0.58	0.51	0.45
L40	0.32	TOOL CARRIER, OVER 225 HP	1.07	1.05	1.03	1.00	0.98	0.95	0.93	0.89	0.86	0.84	0.83	0.83	0.81	0.79	0.72	0.61	0.53	0.48
L45	0.00	LOADERS WITH BACKHOE, CRAWLER TYPE	1.11	1.09	1.05	1.00	0.96	0.94	0.90	0.85	0.79	0.76	0.76	0.77	0.77	0.74	0.67	0.60	0.54	0.48
L50	0.00	LOADERS WITH BACKHOE, WHEEL TYPE	1.08	1.06	1.03	1.00	0.98	0.95	0.92	0.88	0.85	0.83	0.82	0.82	0.80	0.78	0.70	0.58	0.51	0.45
L55	0.00	LOADER/BACKHOE, ATTACHMENTS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.80	0.79	0.78	0.77	0.75	0.69	0.61	0.52	0.46
L60	0.00	LOG SKIDDERS	1.06	1.05	1.02	1.00	0.98	0.96	0.94	0.92	0.90	0.89	0.89	0.85	0.82	0.82	0.75	0.67	0.58	0.52
M10	0.00	MARINE EQUIPMENT																		

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
M10	0.11	MARINE, AQUATIC MAINTENANCE - LAKES/HARBORS	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.84	0.81	0.78	0.75	0.73	0.69	0.62	0.54	0.49
M10	0.12	ATTACHMENTS FOR (M10 .11)	1.11	1.09	1.08	1.00	0.97	0.92	0.88	0.84	0.83	0.82	0.80	0.77	0.73	0.71	0.67	0.59	0.51	0.45
M10	0.21	PORT. (TRUCKABLE) HYDRA, CUTTERHEAD DREDGE, 8" OR LESS	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.84	0.81	0.78	0.75	0.73	0.69	0.62	0.54	0.49
M10	0.22	PORT. (TRUCKABLE) HYDRA, CUTTERHEAD DREDGE OVER 8" - 12"	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.85	0.85	0.84	0.81	0.79	0.76	0.73	0.70	0.63	0.55	0.50
M10	0.23	PORT. (TRUCKABLE) HYDRA, AUGERHEAD DREDGE, 12" OR LESS	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.84	0.81	0.78	0.75	0.73	0.69	0.62	0.54	0.49
M10	0.24	PORT. (TRUCKABLE) HYDRA, FLOATING PUMPS, 12" OR LESS	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.84	0.81	0.78	0.75	0.73	0.69	0.62	0.54	0.49
M10	0.25	PORT. (TRUCKABLE) HYDRA, DREDGE PUMPS, 12" OR LESS	1.11	1.09	1.07	1.00	0.97	0.93	0.88	0.84	0.83	0.83	0.80	0.77	0.74	0.72	0.68	0.60	0.52	0.47
M10	0.26	ATTACHMENTS FOR (M10 .21 - M10 .25)	1.11	1.09	1.07	1.00	0.97	0.93	0.88	0.84	0.83	0.83	0.80	0.77	0.74	0.72	0.68	0.60	0.52	0.47
M10	0.31	SMALL MECH DREDGES, CLAMSHELL BARGE-MOUNTED TO 5 CY	1.06	1.04	1.03	1.00	0.93	0.90	0.86	0.80	0.78	0.76	0.74	0.73	0.72	0.70	0.66	0.61	0.55	0.50
M10	0.32	SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS	1.12	1.08	1.07	1.00	0.97	0.93	0.89	0.83	0.80	0.78	0.76	0.74	0.73	0.71	0.67	0.61	0.55	0.50
M10	0.33	SMALL MECH DREDGES, HOE-MOUNTED DREDGING EXCAV.	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.86	0.85	0.84	0.82	0.79	0.77	0.74	0.71	0.64	0.57	0.52
M10	0.41	WORK FLOATS (NON-DREDGING)	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.83	0.81	0.78	0.75	0.72	0.69	0.62	0.54	0.48
M10	0.42	WORK BARGES (SECTIONAL, NON-DREDGING)	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.84	0.81	0.79	0.76	0.73	0.70	0.63	0.55	0.50
M10	0.45	FLAT-DECK OR CARGO BARGE, (NON-DREDGING)	1.10	1.08	1.06	1.00	0.97	0.94	0.90	0.86	0.85	0.85	0.82	0.80	0.77	0.75	0.72	0.65	0.58	0.53
M10	0.46	HOPPER BARGE, (NON-DREDGING)	1.10	1.08	1.06	1.00	0.97	0.94	0.90	0.86	0.85	0.85	0.82	0.80	0.77	0.75	0.72	0.65	0.58	0.53
M10	0.47	DRILL BARGE, (NON-DREDGING)	1.10	1.08	1.06	1.00	0.97	0.94	0.90	0.86	0.85	0.85	0.82	0.80	0.77	0.75	0.72	0.65	0.58	0.53
M10	0.48	ALL OTHER BARGES, (NON-DREDGING)	1.10	1.08	1.06	1.00	0.97	0.94	0.90	0.86	0.85	0.85	0.82	0.80	0.77	0.75	0.72	0.65	0.58	0.53
M10	0.51	TUGS, BOATS & LAUNCHES, 0 THRU 250 HP	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.84	0.81	0.79	0.76	0.73	0.70	0.62	0.55	0.50
M10	0.52	TUGS, BOATS & LAUNCHES, 251 THRU 300 HP	1.10	1.09	1.07	1.00	0.97	0.93	0.89	0.85	0.84	0.84	0.81	0.79	0.76	0.73	0.70	0.62	0.55	0.50
M10	0.53	TUGS, BOATS & LAUNCHES, 301 THRU 500 HP	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.85	0.85	0.84	0.81	0.79	0.76	0.73	0.70	0.63	0.55	0.50
M10	0.54	TUGS, BOATS & LAUNCHES, 501 THRU 1,000 HP	1.10	1.08	1.07	1.00	0.97	0.93	0.89	0.86	0.85	0.84	0.82	0.79	0.77	0.74	0.71	0.64	0.57	0.52
M10	0.55	TUGS, BOATS & LAUNCHES, OVER 1,000 HP	1.10	1.08	1.07	1.00	0.97	0.93	0.90	0.86	0.85	0.85	0.82	0.80	0.77	0.75	0.71	0.64	0.57	0.52
P10	0.00	PILE EXTRACTORS & LEADS	1.09	1.07	1.05	1.00	0.99	0.95	0.91	0.86	0.83	0.80	0.79	0.78	0.76	0.74	0.67	0.58	0.49	0.42
P20	0.00	PILE HAMMERS, DOUBLE ACTING	1.09	1.07	1.05	1.00	0.99	0.95	0.91	0.86	0.83	0.80	0.79	0.78	0.76	0.74	0.67	0.58	0.49	0.42
P25	0.00	PILE HAMMERS, SINGLE ACTING	1.09	1.07	1.05	1.00	0.99	0.95	0.91	0.86	0.83	0.80	0.79	0.78	0.76	0.74	0.67	0.58	0.49	0.42
P30	0.00	PILE HAMMERS, VIBRATORY	1.09	1.07	1.05	1.00	0.99	0.95	0.91	0.86	0.83	0.80	0.79	0.78	0.76	0.74	0.67	0.58	0.49	0.42

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	TYPE OF EQUIPMENT	Life in Years / Year Purchased New: 0 (1995)	1 (1994)	2 (1993)	3 (1992)	4 (1991)	5 (1990)	6 (1989)	7 (1988)	8 (1987)	9 (1986)	10 (1985)	11 (1984)	12 (1983)	13 (1982)	14 (1981)	15 (1980)	16 (1979)	17 (1978)
P35	0.00	PIPELAYERS	1.12	1.09	1.05	1.00	0.96	0.94	0.90	0.85	0.80	0.76	0.76	0.77	0.77	0.74	0.67	0.61	0.54	0.48
P40	0.00	PLATFORMS, AERIAL WORK	1.07	1.04	1.03	1.00	0.93	0.89	0.85	0.78	0.76	0.73	0.71	0.70	0.69	0.67	0.62	0.57	0.50	0.45
P45	0.00	PUMPS, GROUT	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
P50	0.00	PUMPS, WATER, CENTRIFUGAL, TRASH																		
P50	0.11	SKID MOUNTED, ENGINE DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P50	0.12	SKID MOUNTED, ELECTRIC DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P50	0.21	WHEEL MOUNTED, ENGINE DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P50	0.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P55	0.00	PUMPS, WATER, SUBMERSIBLE																		
P55	0.01	ENGINE DRIVE	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
P55	0.02	ELECTRIC DRIVE	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
P60	0.00	PUMPS, WATER, CENTRIF., DEWATERING																		
P60	0.11	SKID MOUNTED, ENGINE DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P60	0.12	SKID MOUNTED, ELECTRIC DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P60	0.21	WHEEL MOUNTED, ENGINE DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P60	0.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P65	0.00	PUMPS, WATER, DIAPHRAGM																		
P65	0.11	SKID MOUNTED, ENGINE DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P65	0.12	SKID MOUNTED, ELECTRIC DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P65	0.21	WHEEL MOUNTED, ENGINE DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P65	0.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P70	0.00	PUMPS, WATER (FOR CORE DRILLS)																		
P70	0.01	ENGINE DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
P70	0.02	ELECTRIC DRIVE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.81	0.79	0.78	0.77	0.75	0.69	0.61	0.53	0.47
R10	0.00	RIPPERS & HYDRAULIC BANK SLOPERS	1.12	1.09	1.05	1.00	0.96	0.93	0.90	0.84	0.79	0.76	0.75	0.76	0.76	0.73	0.66	0.59	0.52	0.46
R15	0.00	ROLLERS, TOWED - PNEUMATIC	1.01	0.98	0.93	1.00	0.97	0.96	0.93	0.91	0.87	0.85	0.84	0.80	0.76	0.69	0.64	0.58	0.52	0.46

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
R20	0.00	ROLLERS, TOWED - STEEL DRUM	1.01	0.98	0.93	1.00	0.97	0.96	0.93	0.91	0.87	0.85	0.84	0.80	0.76	0.69	0.64	0.58	0.52	0.46
R30	0.00	ROLLERS, STATIC, SELF-PROPELLED																		
R30	0.01	PNEUMATIC	1.01	0.98	0.93	1.00	0.97	0.96	0.93	0.91	0.87	0.85	0.84	0.80	0.76	0.69	0.63	0.57	0.51	0.45
R30	0.02	SMOOTH DRUM	1.01	0.98	0.93	1.00	0.97	0.96	0.93	0.91	0.87	0.85	0.84	0.80	0.76	0.69	0.64	0.58	0.52	0.46
R30	0.03	TAMPING FOOT	1.01	0.98	0.93	1.00	0.97	0.96	0.93	0.91	0.87	0.85	0.84	0.80	0.76	0.69	0.64	0.58	0.52	0.46
R40	0.00	ROLLERS, VIBRATORY, TOWED	1.01	0.98	0.93	1.00	0.97	0.96	0.93	0.91	0.87	0.85	0.84	0.80	0.76	0.69	0.63	0.57	0.51	0.45
R45	0.00	ROLLERS, VIBRATORY, DOUBLE DRUM	1.01	0.98	0.93	1.00	0.97	0.96	0.93	0.91	0.87	0.85	0.84	0.80	0.76	0.69	0.63	0.57	0.51	0.45
R50	0.00	ROLLERS, VIBRATORY, SINGLE DRUM	1.01	0.98	0.93	1.00	0.97	0.96	0.93	0.91	0.87	0.85	0.84	0.80	0.76	0.69	0.63	0.57	0.51	0.45
R55	0.00	ROOFING EQUIPMENT	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
S10	0.00	SCRAPERS, ELEVATING																		
S10	0.01	0 THRU 200 HP	1.09	1.08	1.07	1.00	0.97	0.93	0.90	0.85	0.83	0.79	0.79	0.77	0.77	0.75	0.68	0.62	0.55	0.50
S10	0.02	OVER 200 HP	1.09	1.08	1.07	1.00	0.97	0.93	0.90	0.86	0.83	0.80	0.79	0.77	0.77	0.75	0.69	0.62	0.56	0.51
S15	0.00	SCRAPERS, CONVENTIONAL	1.09	1.08	1.07	1.00	0.97	0.93	0.90	0.86	0.83	0.80	0.79	0.77	0.77	0.75	0.69	0.62	0.56	0.51
S20	0.00	SCRAPERS, TANDEM POWERED	1.09	1.08	1.07	1.00	0.97	0.93	0.90	0.86	0.83	0.80	0.79	0.77	0.77	0.75	0.69	0.62	0.56	0.51
S25	0.00	SCRAPERS, TRACTOR DRAWN	1.09	1.08	1.07	1.00	0.97	0.93	0.90	0.86	0.83	0.80	0.79	0.77	0.77	0.75	0.69	0.63	0.56	0.51
S30	0.00	SCREENING & CRUSHING PLANTS																		
S30	0.10	CONVEYORS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
S30	0.20	CRUSHERS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
S30	0.30	SCREENING PLANT	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
S35	0.00	SNOW REMOVAL EQUIPMENT	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
S40	0.00	SOIL & ROAD STABILIZERS	1.09	1.08	1.07	1.00	0.97	0.93	0.90	0.85	0.83	0.79	0.79	0.77	0.77	0.75	0.68	0.62	0.55	0.50
S45	0.00	SPLITTERS, ROCK & CONCRETE	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.80	0.79	0.78	0.77	0.75	0.69	0.61	0.52	0.46
T10	0.00	TRACTOR BLADES & ATTACHMENTS	1.12	1.09	1.05	1.00	0.96	0.94	0.90	0.85	0.79	0.76	0.76	0.77	0.77	0.74	0.67	0.60	0.54	0.48
T15	0.00	TRACTORS, CRAWLER (DOZER)																		
T15	0.01	0 THRU 225 HP	1.12	1.09	1.05	1.00	0.96	0.93	0.90	0.85	0.79	0.76	0.76	0.76	0.76	0.73	0.66	0.60	0.53	0.47
T15	0.02	226 HP THRU 425 HP	1.12	1.09	1.05	1.00	0.96	0.94	0.90	0.85	0.79	0.76	0.76	0.77	0.77	0.74	0.67	0.60	0.54	0.48

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
T15	0.03	OVER 425 HP	1.12	1.09	1.05	1.00	0.96	0.94	0.91	0.85	0.80	0.77	0.77	0.77	0.77	0.74	0.68	0.62	0.55	0.49
T20	0.00	TRACTORS, WHEEL TYPE (DOZER)	1.06	1.05	1.02	1.00	0.98	0.96	0.94	0.92	0.90	0.89	0.89	0.85	0.82	0.82	0.75	0.67	0.58	0.52
T25	0.00	TRACTORS, WHEEL TYPE (FARM)	1.07	1.05	1.02	1.00	0.98	0.96	0.93	0.91	0.90	0.89	0.88	0.84	0.82	0.81	0.74	0.66	0.57	0.51
T30	0.00	TRENCHERS, CHAIN	1.06	1.05	1.00	1.00	0.97	0.95	0.93	0.91	0.89	0.89	0.87	0.86	0.84	0.78	0.68	0.58	0.50	0.46
T35	0.00	TRENCHERS, WHEEL TYPE	1.06	1.05	1.00	1.00	0.97	0.95	0.93	0.91	0.89	0.89	0.87	0.86	0.84	0.79	0.69	0.59	0.51	0.47
T40	0.00	TRUCK OPTIONS, (ADD TRUCK)																		
T40	0.10	CRANES, HYDRAULIC	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
T40	0.20	DUMP BODY, REAR	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
T40	0.30	FLATBEDS, WITH CONTINUOUS SIDES	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
T40	0.41	HOIST, ELECTRIC DRIVE	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
T40	0.50	TRANSIT MIXERS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
T40	0.60	WATER TANKS	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
T40	0.70	ALL OTHER OPTIONS	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
T45	0.00	TRUCK TRAILERS																		
T45	0.10	BOTTOM DUMP	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
T45	0.20	END DUMP	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
T45	0.30	PUP TRAILER	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
T45	0.41	LOWBOY, RIGID NECK, DROP DECK	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.69	0.61	0.53	0.47
T45	0.50	PLATFORM TRAILER	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.69	0.61	0.53	0.47
T45	0.60	TILT TRAILER	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.69	0.61	0.53	0.47
T45	0.70	WATER TANKER TRAILER	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.69	0.61	0.53	0.47
T45	0.80	DECONTAMINATION FACILITY	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82	0.80	0.79	0.77	0.76	0.74	0.68	0.60	0.51	0.45
T45	0.90	TANK TRAILERS	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.78	0.77	0.75	0.69	0.61	0.53	0.47
T50	0.00	TRUCKS, HIGHWAY																		
T50	0.01	0 THRU 10,000 GVW	1.14	1.13	1.07	1.00	0.97	0.93	0.91	0.87	0.85	0.85	0.80	0.78	0.74	0.71	0.65	0.56	0.49	0.44
T50	0.02	OVER 10,000 THRU 30,000 GVW	1.14	1.12	1.07	1.00	0.97	0.93	0.91	0.87	0.86	0.85	0.81	0.78	0.75	0.71	0.66	0.56	0.50	0.45

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
T50	0.03	OVER 30,000 GVW	1.14	1.12	1.07	1.00	0.97	0.93	0.92	0.88	0.86	0.85	0.81	0.79	0.75	0.72	0.67	0.57	0.51	0.46
T55	0.00	TRUCKS, OFF-HIGHWAY	1.03	1.02	0.99	1.00	0.97	0.94	0.90	0.83	0.79	0.78	0.77	0.77	0.76	0.74	0.68	0.59	0.51	0.47
T57	0.00	TRUCKS, VACUUM	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
T60	0.00	TRUCKS, WATER, OFF-HIGHWAY	1.03	1.02	0.99	1.00	0.97	0.94	0.90	0.83	0.79	0.78	0.77	0.76	0.75	0.74	0.67	0.59	0.51	0.46
T65	0.00	TUNNEL/MINING EQUIPMENT																		
T65	0.10	DRIFTING & TUNNELING DRILLS	1.03	1.02	1.00	1.00	0.97	0.94	0.91	0.86	0.85	0.85	0.87	0.86	0.87	0.86	0.79	0.69	0.60	0.56
T65	0.20	TUNNEL BORING MACHINES	1.05	1.04	1.02	1.00	0.97	0.94	0.91	0.87	0.84	0.83	0.82	0.80	0.79	0.77	0.72	0.65	0.58	0.52
T65	0.30	PRODUCTION DRILLING RIGS	1.03	1.02	1.00	1.00	0.97	0.94	0.91	0.86	0.85	0.85	0.86	0.85	0.86	0.86	0.79	0.68	0.60	0.55
T65	0.40	ROADHEADERS & CONTINUOUS MINERS	1.05	1.04	1.02	1.00	0.97	0.94	0.91	0.86	0.84	0.82	0.81	0.80	0.79	0.77	0.72	0.65	0.57	0.52
T65	0.50	ROCK BOLTING EQUIPMENT	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
T65	0.61	LOADING & HAULING EQUIPMENT, DIESEL QR GAS	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
T65	0.62	LOADING & HAULING EQUIPMENT, ELECTRIC	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.80	0.79	0.77	0.71	0.64	0.56	0.51
T65	0.63	LOADING & HAULING EQUIPMENT, AIR-PQWERED	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
T65	0.70	LOCOMOTIVES	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.71	0.63	0.56	0.50
T65	0.90	OTHER TUNNELING EQUIPMENT	1.05	1.04	1.02	1.00	0.97	0.94	0.90	0.86	0.83	0.81	0.80	0.79	0.78	0.76	0.70	0.63	0.55	0.49
W10	0.00	WAGONS, BOTTQM DUMP	1.03	1.02	0.99	1.00	0.97	0.94	0.90	0.83	0.79	0.78	0.77	0.77	0.76	0.74	0.68	0.59	0.51	0.47
W15	0.00	WAGONS, REAR DUMP	1.03	1.02	0.99	1.00	0.97	0.94	0.90	0.83	0.79	0.78	0.77	0.77	0.76	0.74	0.68	0.59	0.51	0.47
W25	0.00	WATER & CO2 BLASTERS																		
W25	0.10	LOW PRESSURE, (< 5,000 PSI)	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.84	0.82	0.80	0.79	0.77	0.76	0.74	0.68	0.59	0.51	0.45
W25	0.20	HIGH PRESSURE, (>= 5,000 PSI)	1.06	1.04	1.03	1.00	0.97	0.94	0.90	0.85	0.82	0.80	0.79	0.78	0.77	0.75	0.69	0.61	0.52	0.46
W25	0.30	STEAM CLEANERS	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.84	0.82	0.80	0.79	0.77	0.76	0.74	0.68	0.59	0.51	0.45
W25	0.40	CO2 BLASTERS	1.06	1.04	1.02	1.00	0.97	0.94	0.90	0.85	0.83	0.81	0.80	0.79	0.77	0.75	0.70	0.62	0.54	0.48
W30	0.00	WATER TANKS																		
W30	0.10	PORTABLE WITH WHEELS	1.03	1.02	0.99	1.00	0.97	0.94	0.90	0.83	0.79	0.78	0.77	0.76	0.75	0.74	0.67	0.59	0.51	0.46
W30	0.20	SKID MOUNTED	1.03	1.02	0.99	1.00	0.97	0.94	0.90	0.83	0.79	0.78	0.77	0.76	0.75	0.74	0.67	0.59	0.51	0.46
W35	0.00	WELDERS																		

Table 3-2 Equipment Age Adjustment Factors for Standby Cost

REGION: 9

CATEGORY	SUB	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
			1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
W35	0.10	GASOLINE OR DIESEL DRIVE	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.85	0.82	0.80	0.79	0.77	0.76	0.74	0.68	0.60	0.51	0.45
W35	0.21	ELECTRIC DRIVE	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.84	0.82	0.80	0.79	0.77	0.76	0.74	0.68	0.60	0.51	0.45
W35	0.22	MIG	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.84	0.82	0.80	0.79	0.77	0.76	0.74	0.68	0.60	0.51	0.45
W35	0.23	RECTIFIER	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.84	0.82	0.80	0.79	0.77	0.76	0.74	0.68	0.60	0.51	0.45
W35	0.24	TRANSFORMER	1.06	1.04	1.03	1.00	0.97	0.93	0.89	0.84	0.82	0.80	0.79	0.77	0.76	0.74	0.68	0.60	0.51	0.45

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 125B, 4WD, 4 CY capacity
3. Serial number indicates year of manufacture = 1980
4. Actual purchase price was $119,995 in 1980
5. Horsepower is 210 hp
6. Drive tire size = 23.5 x 25, 16 PR, L-3

Drive tire cost = 4 tires x $2,176 = $8,704 (in 1995)

D. TABLE 3-2, Age Adjustment Factors for Standby Costs:

1. The Standby rate is to be based on the actual year of manufacture. No adjustment to the first year of economic life (as used in average hourly age adjustment).

E. Use the actual cost data as follows:

1. Purchase price (TEV) = $119,995
2. Year of manufacture = 1980

F. Hourly rate is computed as follows in accordance with Chapter 3, Rate Adjustments for 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 LOADER

(2) Model and Series: 125 B 4 C.Y.

(3) Present Year or Year of Use: 1995

(4) Year Manufactured or Purchased: 1980

(5) Horsepower - Equipment: 210

(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: (Total cost of tires based on present year - see 1.a.(3))

(a) Front:	No.: N/A	Size/Ply:	Cost:	$
(b) Drive:	No.: 4	Size/Ply: 23.5 X 25, 16 PR	Cost:	$ 8,704
(c) Trailing:	No.: N/A	Size/Ply:	Cost:	$
(d) Total Tire Cost:				$ 8,704

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): 0.036

(7) Fuel Factor - Carrier (E G D): N/A

(8) FOG Factor (E G D): 0.42

(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 (RPR): 0.70

Page 1 of 6

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 [2.a.(2)]) x (Tax Rate [APPENDIX B])

(---) x (---) –

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

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

(----- CWT) x (-----)

c. TOTAL EQUIPMENT VALUE (TEV): [(2.a.(4)] + [(2.b)] **2. TOTAL: = $** 119,995

(Use actual cost if available.)
(See Chapter 3 for used and overage equipment hourly rate adjustments.)

3. DEPRECIATION PERIOD (N)

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

(10,000 Hrs) / (1650 Hrs/Yr) **3. TOTAL: =** 6.06 Yrs(N)

NOTE: Depreciation period (N) and the actual age in years are not the same.

4. OWNERSHIP COST

a. Depreciation

(1) Tire Costs Index (TCI):

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

(2369 (for 1980)) / (2550 (for 1995)) = 0.929 (TCI)

Page 2 of 6

Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment

4. OWNERSHIP COST (Continued)

a. Depreciation (continued)

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

[(119,995) x [1.0 - (0.25)] - [(0.929) x (8,704)]] / (10,000)

= $ 8.19 /Hr

b. Facilities Capital Cost of Money (FCCM):

(1) [[(N [3.a.]) -1.0] x [1.0 + (SLV) [1.c.5.]] + 2.0] / [2.0 x (N [3.a.])] = Avg Value Factor (AVF)

[[(6.06 Yrs) - 1.0] x [1.0 +(0.25)] + 2.0] / [2.0 x (6.06 Yrs)] = 0.687 (AVF)

(2) (TEV [2.c.]) x (AVF [4.b.(1)]) x (Adjusted Cost-of-Money [APPENDIX B]) / (WHPY [APPENDIX B])

(119,995) x (0.687) x (0.0650) / (1650 Hrs/Yr)

= $ 3.25 /Hr

c. TOTAL HOURLY OWNERSHIP COST: [4.a.(2)] + [4.b.(2)] — 4. TOTAL: = $ 11.44 /Hr

5. OPERATING COST

a. Fuel Costs:

(1) Equipment:

(Fuel Factor [1.c.(6)]) x (Horsepower [1.a.(5)]) x (Fuel Cost Per Gallon [APPENDIX B])

(---) x (--- HP) x (--- /Gal) = $ --- /Hr

(2) Carrier:

(Fuel Factor [1.c.(7)]) x (Horsepower [1.a.(6)]) x (Fuel Cost Per Gallon [APPENDIX B])

(---) x (--- HP) x (--- /Gal) = $ --- /Hr

(3) Total Hourly Fuel Costs: [(5.a (1)] + [5.a (2)] — Total 5.a. = $ --- /Hr

Page 3 of 6

Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment

5. OPERATING COST (Continued)

b. FOG Cost:

(1) Equipment:

(FOG Factor) x (Equipment Fuel Cost) x (LAF)
[1.c.(8)] [5.a.(1)] [APPENDIX B]

(___) x (_____ /Hr) x (_____) = $ _____ /Hr

(2) Carrier:

(FOG Factor) x (Carrier Fuel Cost) x (LAF)
[1.c.(8)] [5.a.(2)] [APPENDIX B]

(___) x (___ /Hr) x (___) = $ _____ Hr

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

c. Repair Cost:

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

(Economic Index for Year 1a.(3)) / (Economic Index for Year 1a.(4))
[APPENDIX E] (for 1995) [APPENDIX E] (for 1989)

(_____) / (_____) = _____ (EAF)

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

(2) Repair Factor:

(RPR) x (EAF) x (LAF) = Repair Factor (RF)
[1.c.(10)] [5.c.(1).] [APPENDIX B]

(___) x (___) x (___) = _____ RF

(3) Repair Cost

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

[(___) - [(___) x (___)]] x (___) / (___)

(4) Total Hourly Repair Cost: Total 5.c. = $ _____ /Hr

Page 4 of 6

Figure 3-2. Standby Hourly Rate Calculation for Overage Equipment

5. OPERATING COST (Continued)

d. Tire Wear Cost: *(Use current price levels)*

(1) Front Tires:

[1.5 x (FT Cost)] / [1.8 x (FT Wear Factor) x (Maximum Tire Life/Hrs)]
[1.a.(9)(a)] [1.c.(9)(a)] [APPENDIX G]

[1.5 x (__---__)] / [1.8 x (____---____) x ____---____/Hrs)]
= $____---____/Hr

(2) Drive Tires:

[1.5 x (DT Cost)] / [1.8 x (DT Wear Factor) x (Maximum Tire Life/Hrs)]
[1.a.(9)(b)] [1.c.(9)(b)] [APPENDIX G]

[1.5 x (__---__)] / [1.8 x (____---____) x (____-------____ /Hrs)]
= $____---____/Hr

(3) Trailing Tires:

[1.5 x (TT Cost)] / [1.8 x (TT Wear Factor) x (Maximum Tire Life/Hrs)]
[1.a.(9)(c)] [1.c.(9)(c)] [APPENDIX G]

[1.5 x (__---__)] / [1.8 x (____---____) x (____---____/Hrs)]

= $____---____/Hr

(4) Total Tire Wear Cost: Total 5.d. = $____---____/Hr
[Sum 5.d.(1) through 5.d.(3)]

e. Tire Repair Cost:

(Total Tire Wear) x 0.15 x (LAF)
[5.d.(4)] [APPENDIX B]

(____---____) x 0.15 x (____---____) Total 5.e. = $____---____/Hr

f. TOTAL HOURLY OPERATING COST: **5. TOTAL:** $____---____/Hr
[Sum 5.a. through 5.e.]

Figure 3-2. Standby 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.f]

(_____/Hr) + (_____ /Hr)

= $ N/A /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.f.]

(_____/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)]

[(8.19 /Hr) x 0.50] + (3.25 Hr)

= $ 7.35 /Hr

See Chapter 3 if rate adjustments are necessary.

Page 6 of 6

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.

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 activities. 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 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.

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 estimated months available for dredging, including mobilization and demobilization, and is 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.

MONTHS AVAILABLE TO DREDGE BY REGION

Region	Type of Dredge Operation		
	Pipeline	Bucket	Hopper
Atlantic Coast and tributaries	9	10	10
Gulf Coast, Lower Mississippi and tributaries (below St. Louis)	10	10	11
Great Lakes, Upper Mississippi and tributaries	8	8	8
West Coast and tributaries	9	9	9

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:

Available Hours Per Year = Months Available/Year x 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 should be based on those betterments which were made within one year of purchase. Capital improvements should not include any replacement or repair work. For capital improvements not made within the first year after the initial acquisition, see Section VIII, Negotiated Procurement.

a. The ownership rate is determined from the plant value and 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 an yearly basis using the following formula:

$$\text{Ownership Per Year} = \text{Plant Value} \times (\text{DEPR} + \text{FCCM})$$

where:

DEPR = Ownership percent per year for depreciation

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:

$$\text{DEPR (percent per year)} = (1-\text{SLV}) / \text{N}$$

where:

N = Ownership Life in Years
SLV = Salvage Value

4-9. Facilities Capital Cost of Money. Facilities capital cost of money (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:

$$\text{FCCM (percent per year)} = \frac{[(N-1)(1+SLV)+2](CMR)}{2N}$$

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 estimate or submitted proposal.

SECTION VI. OPERATING FACTORS

4-11. Hourly Operating Factors. 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. 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, such as a generator fuel allowance to account for operation of a diesel engine generator for power to operate pumps, navigation lights, minimum crew, etc.

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 time. Since ownership is calculated based on life in years computed monthly and paid on calender time of job. Standby should be paid only when 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 15.8, Section 15.801, 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, CENPW-EN-CB, Corps of Engineers, Walla Walla District, phone (509) 527-7511.

SECTION IX. RATE CALCULATION EXAMPLE

4-20. Rate Calculation Example. The following example shown in Figure 4-2, Dredge Plant Ownership and Operating Worksheet, illustrates the use of TABLE 4-1 and the regional data to generate a rate.

a. Ownership is determined by calculating yearly percentages to account for Depreciation and FCCM. Operating costs are determined by utilizing formulas from Chapter 2 for FUEL, FOG (WLS), and REPAIRS.

b. For illustration purposes, assume that a 24" hydraulic dredge was purchased new in 1985 for $3,700,000, including tax and delivery, and there were no initial capital improvements. This example uses 500 hours per month and a reduced cost-of-money rate (CMR) of 6.50%.

TABLE 4-1

DREDGE PLANT EXPENSE FACTORS

TYPE OF PLANT	USEFUL LIFE (YRS)	PHYSICAL LIFE (HRS)	SALVAGE VALUE (SLV)	PRIME ENGINE FUEL FACTOR HPF	PRIME ENGINE FUEL FACTOR G	PRIME ENGINE FUEL FACTOR D	SECONDARY ENGINE FUEL FACTOR HPF	SECONDARY ENGINE FUEL FACTOR G	SECONDARY ENGINE FUEL FACTOR D	WLS % G	WLS % D	RPR %
HYDRAULIC DREDGES - PIPELINE												
(CUTTERHEAD OR DUSTPAN)												
(BASED ON DISCHARGE DIAMETER)												
(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
BOOSTERS - BARGE MOUNTED												
(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
MECHANICAL DREDGES (LARGE)*												
*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 OVE	30	90,000	0.05	70	0.072	0.039	60	0.062	0.033	22	24	130
ALL OTHER TYPES (BUCKET OR DIPPER)	25	90,000	0.10	70	0.072	0.039	60	0.062	0.033	22	24	120
BARGES												
(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

TABLE 4-1

DREDGE PLANT EXPENSE FACTORS (continued)

TYPE OF PLANT	USEFUL LIFE (YRS)	PHYSICAL LIFE (HRS)	SALVAGE VALUE (SLV)	PRIME ENGINE FUEL FACTOR HPF	G	D	SECONDARY ENGINE FUEL FACTOR HPF	G	D	WLS % G	D	RPR %
TUGS & TENDERS (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
BOATS - SEE CATEGORY M10.50												
PIPELINE & ACCESSORIES (CALM ENVIRONMENT)												
METAL PIPELINE (UNDER 20")												
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
METAL PIPELINE (20" AND LARGER)												
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
PIPELINE & ACCESSORIES (OCEAN ENVIRONMENT)												
METAL PIPELINE (ALL SIZES)												
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
METAL SHORELINE												
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.

Region 9

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.

(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. Acquistion Year..... > 1985

g. Present Year..... > 1995

h. Cost of Money Rate (Undiscounted).. > 8.125 %

i. Use Discounted Money Rate (8.125% / 1.25) = 6.500%

j. Hours Worked per Month (Effective Time)..... > 500 hrs/mo

k. Additive Item(s) (Monthly Costs to be Estimated)

(1)	Dredge Wear (Mud, Sand or Gravel)	>	$8,000	/month
(2)	Dry Docking (Use of Facilities)	>	$8,000	/month
(3)	Yard cost (Support)	>	$5,000	/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.

SHEET 1 OF 5

FIGURE 4-2 - DREDGE PLANT OWNERSHIP AND OPERATING RATE WORKSHEET

2. APPENDIX "B" DATA:

a. LAF (Labor Adjustment Factor)..... > 1.180

b. Fuel Type..... > Diesel (Off-Road)

(1) Fuel Cost per Gallon..... > $0.80 /gallon

3. APPENDIX E DATA: (EK 105)

a. Economic Index for Acquisition Year.... > 3749 <for 1985>

b. Economic Index for Present Year..... > 5023 <for 1995>

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

SHEET 2 of 5

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] x 6.500% / (2 x 25.00) = 3.69%

c. Total Ownership Percent Per Year....(3.60% + 3.69%) = 7.29%

7. OWNERSHIP COSTS:

a. Yearly Ownership Expense: = (Total Plant Value x Total Yearly Ownership %)

($3,700,000 x 7.29%) = $269,730 /year

b. Monthly Ownership Expense: = (Yearly Ownership Expense /Months Available per year)

($269,730 /yr / 9 mos/yr) = $29,970 /month

8. OPERATING COSTS:

a. Fuel Cost = (Engine Fuel Factor x HP x Fuel Cost/Gal)

(1) Prime Engine Fuel:

(0.045 x 3,730 HP x $0.80 /gal) = $134.28 /hour

(2) Secondary Engine Fuel:

(0.039 x 2,475 HP x $0.80 /gal) = $77.22 /hour

b. Water, Lube & Supply Cost = (WLS factor x Hourly Fuel Cost)

(1) Prime Engine WLS:

(0.22 x $134.28) = $29.54 /hour

(2) Secondary Engine WLS:

(0.22 x $77.22) = $16.99 /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)

(5023 <for 1995> / 3749 <for 1985>) = 1.340

(2) Repair Cost:

= (Total Plant Value x RPR x EAF x LAF) / Life in hrs

($3,700,000 x 1.30 x 1.340 x 1.180) / 130,000 hrs = $58.50 /hour

d. Total Hourly Operating Cost = (Fuel + WLS + Repairs)

($134.28 + $77.22 + $29.54 + $16.99 + $58.50) = $316.53 /hour

e. Monthly Operating Cost: = (Total Hourly Operating Cost x Hours Worked per Month)

($316.53 /hour x 500 hours/month) = $158,265 /month

9. SUBTOTAL MONTHLY EXPENSE = (OWNERSHIP + OPERATING)

($29,970 /month + $158,265 /month) = $188,235 /month

10. ESTIMATED ADDITIVE ITEMS (Sheet 1, Item k.):

a.	(1)	Dredge Wear (Mud, Sand or Gravel)	$8,000	/month
	(2)	Dry Docking (Use of Facilities)	$8,000	/month
	(3)	Yard cost (Support)	$5,000	/month
	(4)			/month
	(5)			/month
b.		Subtotal - Estimated Additive Items	$21,000	/month

11. TOTAL MONTHLY RATE (Items 9 + 10 b.) $209,235 /month

See following sheet for standby allowance.

SHEET 4 OF 5

FIGURE 4-2 - DREDGE PLANT OWNERSHIP AND OPERATING RATE WORKSHEET (continued)

12. STANDBY ALLOWANCE

a. Yearly Standby Expense:

= Ownerhip Cost from 7. a.

$269,730 /year

b. Monthly Standby Expense:

= Ownerhip Cost from 7. b.

$29,970 /month

c. STANDARD HOURLY STANDBY EXPENSE:

= (Monthly Standby Expense / 730 hr/mo)

($29,970 /month / 730 hours/month) = $41.05 /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 $77.22) = + $6.24 /hour

e. TOTAL HOURLY STANDBY ALLOWANCE FOR A DREDGE:

= (Standby Allowance + Generator Fuel Allowance)

($41.05 + $6.24) = $47.29 /hour

SHEET 5 OF 5

FIGURE 4-2 - DREDGE PLANT OWNERSHIP AND OPERATING RATE WORKSHEET (continued)

(This page left blank intentionally.)

APPENDIX A

REFERENCES

SECTION I. REQUIRED PUBLICATIONS

FAR 30.101 — Cost Accounting Standards, Part 30, Federal Acquisition Regulation, Government Printing Office, Washngton, D.C., 1995.

FAR 31.105 — Construction and Architect-Engineer Contracts, Federal Acquisition Regulation, Government Printing Office, Washngton, D.C., 1995.

FAR 31.205-10 — Cost of Money, Federal Acquisition Regulation, Government Printing Office, Washington, D.C., 1995.

FAR 31.205-24 — Maintenance and Repair Costs, Federal Acquisition Regulation, Government Printing Office, Washington, DC., 1995.

Producer Prices and Price Indexes, U. S. Department of Labor, Bureau of Labor Statistics, Government Printing Office, Washington, D.C., 1957 thorough 1995.

SECTION II: RELATED PUBLICATIONS

Application Manual for Hydraulic Excavators and Shovels, 1st ed, Koehring Company, Milwaukee, Wisconsin, 1981.

Bulletin B-502, Goodyear Tire and Rubber Company, Akron, Ohio, May 1992.

Caterpillar Performance Handbook, 25th ed, Caterpillar Tractor Company, Peoria, Illinois, 1994.

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.

APPENDIX A

SECTION II: RELATED PUBLICATIONS (Continued)

Green Guide for Off-Highway Trucks and Trailers, Dataquest, Inc., Palo Alto, California, 1995.

Green Guide Volume I, Dataquest, Inc., Palo Alto, California, 1995.

Green Guide Volume II, Dataquest, Inc., Palo Alto, California, 1995.

Handbook of Heavy Construction, Have, J. A., and F. W. Stubbs Jr., 2nd ed, McGraw-Hill Company, New York, 1971.

Means 1995 Labor Rates for the Construction Industry, 22nd 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, General Motors Corporation, Terex Division, Hudson, Ohio, 1975.

APPENDIX A

SECTION III: EFAR REFERENCE

31 July 1991 31.1

PART 31
CONTRACT COSTS PRINCIPLE AND PROCEDURES

SUBPART 31.1 -- APPLICABILITY

31.105 Construction and Architect-Engineer Contracts.

(d)(2)(i)(A) When the contracting officer cannot determine actual cost data for both ownership and operating costs for any piece of equipment or groups of similar serial or series equipment from the contractor's accounting records, ownership and operating costs for that equipment shall be determined in accordance with the Construction Equipment Ownership and Operating Expense Schedule published by the U.S. Army Corps of Engineers. The contracting officer shall insert the following statement in all solicitations and contracts for construction within the United States expected to exceed S25,000.

EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE.

(a) 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 *. Working conditions shall be considered to be average for determining equipment rates using the schedule unless specified 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 retrospective pricing, the schedule in effect at the time the work was performed shall apply.

(b) Equipment rental costs are allowable, subject to the provisions of FAR 31.105(d)(ii) and FAR 31.205-36 substantiated by certified copies of paid invoices. Rates for equipment rented from an organization under common control, lease-purchase or sale-leaseback arrangements will be determined using the schedule except that rental costs leased from an organization under common control that has an established practice of leasing the same or similar equipment to unaffiliated lessees are allowable. Costs for major repairs and overhaul are unallowable.

* Insert the Roman numeral for the appropriate region of the schedule.

APPENDIX A

SECTION III: EFAR REFERENCE (Continued)

31 July 1989 31.1-2

(c) When actual equipment costs are proposed and the total amount of the pricing action is over 25,000, cost or pricing data shall be submitted on Standard Form 1411, "Contract Pricing Proposal Cover Sheet." By submitting cost or pricing data, the contractor grants to the contracting officer or an authorizing representative the right to examine those books, records, documents and other supporting data that will permit evaluation of the proposed equipment costs. After price agreement the contractor shall certify that the equipment costs or pricing data submitted are accurate, complete and current. Insert the Roman numeral for the appropriate region of the schedule.

(d) This does not apply to terminations. See 49.113(100) and FAR Part 49.

APPENDIX A

SECTION IV. GOVERNMENT BOOKSTORES

U.S. Government periodicals are sold by the Office of the Superintendent of Documents. Orders may be placed by mail from the following address:

Government Printing Office
P. O. Box 371954
Pittsburgh, PA 15250-7954

Orders may also be placed by telephone or fax (Visa/Mastercard is accepted).
Telephone: (202) 512-1800 -or- Fax: (202) 512-2250.

Regional government bookstores can also be contacted for orders (see the following list).

RETURN POLICY: Publications are not accepted for exchange or credit unless an error was made in filling your order .

When ordering, please give the following information:

Title of Publication:	EP 1110-1-8, Construction Equipment Ownership and Operating Expense Schedule
Region:	Region I through XII
Volume No.	Volume No. 1 through No. 12

REGIONAL BOOKSTORES

WASHINGTON: 710 N. Capitol St., NW, Washington, DC 20401
(202) 512-0132

WASHINGTON (BRANCH): 1510 H. St. NW., Washington, DC 20005
(202) 653-5075

WAREHOUSE SALES OUTLET: 8660 Cherry Lane, Laurel, MD 20707
(301) 953-7974

ATLANTA: 999 Peachtree St. NE, Suite 120, P.O. Box 56445, Atlanta, GA 30309
(404) 347-1900

APPENDIX A

SECTION IV. GOVERNMENT BOOKSTORES (Continued)

BIRMINGHAM: 2021 3rd Avenue North, Birmingham, AL 35203
(205) 731-1056

BOSTON: Thomas P. O'Neill Federal Building, Room 169, 10 Causeway Street., Boston, MA 02222 (617) 720-4180

CHICAGO: 401 S. State Street, Room 124, Chicago, IL 60605
(312) 353-5133

CLEVELAND: Room 1653, Federal Building, 1240 East 9th Street, Cleveland, OH 44199
(216) 522-4922

COLUMBUS: Room 207, Federal Building, 200 N. High Street , Columbus, OH 43215
(614) 469-6956

DALLAS: Room 1C50, Federal Building, 1100 Commerce Street , Dallas, TX 75242
(214) 767-0076

DENVER: Room 117, Federal Building, 1961 Stout Street, Denver, CO 80294
(303) 844-3964

DETROIT: Suite 160, Federal Building, 477 Michigan Avenue, Detroit, MI 48226
(313) 226-7816

HOUSTON: 801 Travis Street, Suite 120, Houston, TX 77002
(713) 228-1187

JACKSONVILLE: 100 West Bay Street, Suite 100, Jacksonville, FL 32202
(904) 353-0472

KANSAS CITY: #120 Bannister Mall, 5600 East Bannister Rd., Kansas City, MO 64137
(816) 767-8225

LOS ANGELES: ARCO Plaza, C-Level, 505 South Flower Street, Los Angeles, CA 90071
(213) 239-9844

MILWAUKEE: 310 W. Wisconsin Avenue, Suite 150, Milwaukee, WI 53203
(414) 297- 1304

NEW YORK: Room 110, 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

APPENDIX A

SECTION IV. GOVERNMENT BOOKSTORES (Continued)

PITTSBURGH: Room 118, Federal Building, 1000 Liberty Avenue, Pittsburgh, PA 15222
(412) 644-2721

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) 553-4271

(This page left blank intentionally.)

Appendix B

AREA FACTORS

ALASKA

Region: 9

Total State Sales or Import Tax Rate:	0.00%	
Working Hours Per Year (WHPY):	1,150	hrs/yr
Labor Adjustment Factor (LAF):	1.18	
Electricity Cost Per Kilowatt-Hour:	$0.100	/kW-H
Gasoline Cost Per Gallon:	$1.26	/gal
Diesel Cost Per Gallon (Off-Road Use):	$0.80	/gal
Diesel Cost Per Gallon (On-Road Use):	$1.25	/gal
Cost-of-Money rate (Full Rate):	8.125%	
Cost-of-Money Rate (Adjusted):	6.500%	

Freight Rates

over	0	cwt	thru	240	$27.98
over	240	cwt	thru	300	$23.28
over	300	cwt	thru	400	$18.58
over	400	cwt	thru	500	$15.76
over	500	cwt	thru	700	$12.53
over	700	cwt	thru	800	$10.28
over	800	cwt	thru	99,999	$13.27

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.

Reg			SST	WHPY	LAF	Elec	Gas	D-Off	D-On	Freight Cost Thru	Lbs $	Thru	Lbs $	Thru	Lbs $	Thru	Lbs $	Thru	Lbs $	Thru	Lbs $
1	NORTHEAST	1995	6.85%	1450	1.07	$0.110	$1.23	$1.01	$1.34	240	$9.49	300	$8.42	400	$8.11	500	$5.87	700	$4.56	800	$5.39	99,999	$8.54
2	MIDEAST	1995	5.85%	1500	0.97	$0.080	$0.95	$0.78	$1.11	240	$4.77	300	$3.81	400	$2.86	500	$2.29	700	$3.06	800	$3.30	99,999	$3.64
3	SOUTHEAST	1995	7.00%	1550	0.82	$0.085	$1.10	$0.65	$1.10	240	$7.85	300	$6.28	400	$4.71	500	$3.77	700	$5.11	800	$5.52	99,999	$6.52
4	NORTHCENTRAL	1995	6.40%	1350	0.95	$0.650	$1.15	$0.72	$1.25	240	$6.63	300	$5.30	400	$3.98	500	$3.18	700	$3.24	800	$2.84	99,999	$2.93
5	MIDWEST	1995	5.50%	1550	0.88	$0.075	$1.12	$0.80	$1.15	240	$5.45	300	$4.36	400	$3.27	500	$2.62	700	$1.87	800	$1.64	99,999	$1.94
6	SOUTHWEST	1995	7.00%	1700	0.85	$0.085	$1.12	$0.80	$1.14	240	$9.73	300	$7.78	400	$5.84	500	$4.67	700	$3.34	800	$3.47	99,999	$2.95
7	WEST	1995	7.50%	1700	1.14	$0.095	$1.27	$0.85	$1.28	240	$10.93	300	$8.75	400	$6.56	500	$5.25	700	$3.75	800	$3.28	99,999	$3.89
8	NORTHWEST	1995	4.50%	1600	1.03	$0.055	$1.29	$0.88	$1.30	240	$12.05	300	$9.64	400	$7.23	500	$5.79	700	$4.45	800	$3.62	99,999	$4.29
9	ALASKA	1995	0.00%	1150	1.18	$0.100	$1.26	$0.80	$1.25	240	$27.98	300	$23.28	400	$18.58	500	$15.76	700	$12.53	800	$10.28	99,999	$13.27
10	HAWAII	1995	6.00%	1650	1.14	$0.072	$1.66	$1.09	$1.55	240	$16.28	300	$13.11	400	$9.94	500	$8.04	700	$6.97	800	$6.64	99,999	$10.98
11	PUERTO RICO	1995	6.60%	1650	0.75	$0.110	$1.47	$0.98	$1.14	240	$16.26	300	$13.48	400	$10.70	500	$8.87	700	$10.22	800	$15.25	99,999	$15.25
12	KWAJALEIN	1995	6.00%	1410	1.14	$0.124	$1.31	$1.10	$1.10	240	$17.20	300	$15.20	400	$12.25	500	$9.80	700	$9.00	800	$7.60	99,999	$7.30

SST = State Sales tax **WHPY = Work Hours Per Year** **LAF = Labor Adjustment Factor** **Elec = Electricty 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**

APPENDIX C
GUIDE FOR SELECTING OPERATING CONDITIONS

EQUIPMENT TYPE	AVERAGE	SEVERE
B25 & B35: Buckets Clamshell or Dragline	Working in gravels, silts, and sands at low impact fresh water environment.	Working in rock, hard digging, high impact or salt water environment.
Depreciation Period :	8,000 - 10,000 hours	6,500 - 8,000 hours
C80, C90: Cranes Hydraulic, Truck Mounted Mechanical, Truck Mounted	Lift less than rated capacity, intermittent duty.	Continuous lift near rated capacity, excessive swing, abrasive materials, sloped surfaces, salt water environment.
Depreciation Period:	14,000 - 20,000 hours	12,000 - 18,000 hours
C85: Cranes, Mechanical Dragline, Lifting, or Clamshell Crawler Mounted	Gravels, silts, pull and lift less than rated capacity.	Highly abrasive materials, impact breakout, continuous load near rated capacity. Salt water environment.
Depreciation Period :	12,000 - 20,000 hours	10,000 - 18,000 hours
G10: Generators	Working below rated capacity, good field conditions.	Working at or above rated capacity, poor field conditions, such as salt water.
Depreciation Period:	8,000 - 10,000 hours	7,000 - 8,000 hours

APPENDIX C GUIDE FOR SELECTING OPERATING CONDITIONS		
EQUIPMENT TYPE	**AVERAGE**	**SEVERE**
G15: Graders, Motor	Haul road maintenance. Road construction, ditching. Loose fill spreading. Landforming, landleveling. Summer road maintenance with medium to heavy winter snow removal. Elevating grader use.	Maintenance of hard packed roads with embedded rock. Heavy fill spreading. Ripping-scarifying of asphalt or concrete. Continuous high load factor. High impact.
Depreciation Period:	12,000 hours	10,000 hours
H25: Hydraulic Excavators Crawler Mounted	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.	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.
Depreciation Period:	8,000 - 14,000 hours	6,500 - 12,000 hours
H30: Hydraulic Excavators Wheel Mounted	Continuous digging in sandy clay/sandy gravel, site development, and lumber yard applications.	Continuous digging in rock/natural bed clay, high impact, using hammer, working in forests or quarries.
Depreciation Period:	8,000 - 10,000 hours	6,500 - 8,000 hours

APPENDIX C GUIDE FOR SELECTING OPERATING CONDITIONS		
EQUIPMENT TYPE	**AVERAGE**	**SEVERE**
H35: Hydraulic Shovels Crawler Mounted (nonelectric)	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.	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.
Depreciation Period:	14,000 - 16,000 hours	12,000 - 14,000 hours
L10: Land Clearing Equipment	Working in low impact conditions at or below rated capacity.	High impact conditions working at or above rated capacity.
Depreciation Period:	8,000 hours	6,500 hours
L30: Loaders, Belt	Working below rated capacity, with intermittent service.	Working at or above rated capacity with continuous service.
Depreciation Period:	10,000 hours	8,000 hours

APPENDIX C GUIDE FOR SELECTING OPERATING CONDITIONS		
EQUIPMENT TYPE	**AVERAGE**	**SEVERE**
L35: Loaders, Front End Crawler Type	Bank excavation, intermittent ripping, basement digging of natural bed clays, sands, silts, gravels. Some traveling. Steady full throttle operations.	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.
Depreciation Period:	10,000 hours	8,000 hours
L40: Loaders, Front End Wheel Type (does not include skid steer & tool carriers)	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.	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.
Depreciation Period :	10,000 - 12,000 hours	8,000 - 10,000 hours
L45 & L50: Loaders with Backhoe Crawler Type and Wheel Type	Utility applications in medium to heavy soil. Occassional use of constant flow implements. Dig depths to 3.05m (10 ft.).	Production applications or digging in rock. Regular use of constant flow implements. Dig depths over 3.05m (10 ft.).
Depreciation Period:	10,000 hours	8,000 hours

APPENDIX C GUIDE FOR SELECTING OPERATING CONDITIONS		
EQUIPMENT TYPE	**AVERAGE**	**SEVERE**
L60: Log Skidders	Continuous turning, steady skidding for medium distances with moderate decking. Good underfooting: dry floor with few stumps and gradual rolling terrain.	Continuous turning, steady skidding for long distances with frequent decking. Poor underfoot conditions: wet floor, steep slopes, and numerous stumps. Salt water environment.
Depreciation Period:	10,000 hours	8,000 hours
M10 - .31 & .32 : Clamshell dredges < 5 cy Amphibious Excavator	Gravels, silts, breakout force at less than capacity, fresh water conditions.	Rock, abrasive materials, load at rated capacity, salt water conditions.
Depreciation Period:	12,000 - 20,000 hours	10,000 - 18,000 hours
M10 - .51, .52, & .53 : Boats, Skiffs, Crew Boats, Work Boats, Survey Boats & Launches	Fresh water applications, light waves, steady to light use.	Salt water use, medium to high waves, heavy use.
Depreciation Period :	12,000 - 14,000 hours	10,000 - 12,000 hours
P35: Pipelayers	Typical pipelayer use in operating conditions ranging from very good to severe.	Continuous use in deep mud or water or on rock surfaces.
Depreciation Period :	12,000 hours	10,000 hours
R10: Rippers and Bank Slopers	Light rock medium breakout force required.	Hard rock, excessive wear due to high breakout force.
Depreciation Period :	8,000 hours	6,500 hours

APPENDIX C GUIDE FOR SELECTING OPERATING CONDITIONS		
EQUIPMENT TYPE	**AVERAGE**	**SEVERE**
S10, S15, S20, & S25: Scrapers Self-Propelled Tractor Drawn Soil Stabilizers	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.	High impact conditions, such as loading ripped rock. Continuous high total resistance conditions. Rough haul roads. Overloading.
Depreciation Period :	10,000 - 12,000 hours	8,000 - 10,000 hours
T15: Tractors Crawler (Dozer)	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.	Heavy rock ripping. Tandem ripping. Pushloading and dozing in hard rock. Work on rock surfaces. Continuous high impact conditions. Salt water environment.
Depreciation Period :	10,000 - 12,000 hours	8,000 - 10,000 hours
T20: Tractors Wheel Type (Dozer)	Production dozing, push-loading in clays, sands, silts, loose gravels. Shovel cleanup.	Production dozing in rock. Push loading in rocky, boulder-strewn borrow pits. High impact conditions. Landfill compactor work.
Depreciation Period :	10,000 hours	8,000 hours

APPENDIX C GUIDE FOR SELECTING OPERATING CONDITIONS		
EQUIPMENT TYPE	**AVERAGE**	**SEVERE**
T30: Trenchers Chain & Wheel Type Depreciation Period :	Working in sands and silts below rated capacity of the machine. 8,000 - 10,000 hours	Working in gravels and abrasive materials at or above the rated capacity of the machine. 6,500 - 8,000 hours
T45 & T50: Truck Trailers Trucks, Highway Depreciation Period :	Varying loading and road conditions. Typical construction use on a variety of jobs. 7,000 - 10,000 hours	Consistently poor road conditions. Oversized loading equipment. 5,500 - 8,000 hours
T55 & T60: Trucks, Off-Highway Trucks, Water, Off-Highway Depreciation Period:	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. 12,000 hours	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. 10,000 hours

APPENDIX C GUIDE FOR SELECTING OPERATING CONDITIONS		
EQUIPMENT TYPE	**AVERAGE**	**SEVERE**
T65 - .20 & .40: Tunnel / Mining Equipment Tunnel Boring Machines Roadheaders Continuous Miners	Mining rock in average conditions, machine working below rated capacity.	Mining hard rock in severe working conditions, machine working at rated capacity.
Depreciation Period :	16,000 - 22,000 hours	14,000 - 20,000 hours
W10 & W15: Wagons Bottom Dump Rear Dump	Varying load and haul road conditions. Long and short hauls. High rolling resistance and poor traction during part of the job. Some adverse grades. Some impact. Typical road building use in a variety of jobs, dam construction, openpit mining, etc.	Continuous use on very poorly maintained haul roads, high rolling resistance and poor traction. High impact conditions, such as loading ripped rock. Frequent adverse grades and high impact loads. Poorly matched loading equipment with continuous overloading.
Depreciation Period :	12,000 hours	10,000 hours

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.

RPR - Repair Cost Factor Percent (decimal format).

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY									FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			
	SC	DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
A10	0.00	AGGREGATE/CHIP SPREADERS	1																			
A10	0.10	SELF PROPELLED	10	A	B	10,000	0.20	50	.500	.052	.028	0	.000	.000	.000	0.00	0.24	0.24	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	0.00	0.00	0.00	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	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.90	0.75
A15	0.20	SHOP TYPE, ELECTRIC	5	A	B	12,000	0.20	65	.650	.000	.000	0	.000	.000	.000	0.45	0.00	0.00	0.00	0.00	0.90	0.65
A20	0.00	AIR HOSE, TOOLS & EQUIPMENT	1																			
A20	0.10	AIR HOSES	5	A	B	3,500	0.10	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	0.00	0.00	0.00	1.50
A20	0.20	BLAST HOSE	5	A	B	3,500	0.10	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	0.00	0.00	0.00	1.65
A20	0.30	SANDBLASTERS & BREAKERS	5	A	B	4,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.81	0.65	0.90	1.50
A25	0.00	ASPHALT DISTRIBUTORS	10	A	B	8,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.28	0.71	0.57	0.79	0.85
A30	0.00	ASPHALT FINISHERS/PAVERS	1																			
A30	0.10	SELF PROPELLED	10	A	B	10,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.28	0.83	0.66	0.92	1.00
A30	0.20	TOWED	10	A	B	10,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.28	0.83	0.66	0.92	0.80
A35	0.00	ASPHALT KETTLES	10	A	B	6,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.28	0.76	0.60	0.84	0.80
A40	0.00	ASPHALT & CONC. MILLERS/PROFILERS/PLANERS	10	A	B	10,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.28	0.83	0.66	0.92	1.00
A45	0.00	ASPHALT RECYCLERS & SEALERS	10	A	B	8,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.28	0.76	0.60	0.84	0.90
B00	0.00	BACKHOE (SEE HYDRAULIC EXCAV. & LOADER W/ BH)	1																			
B10	0.00	BATCH PLANTS, ASPHALT & CONCRETE	1																			
B10	0.10	ASPHALT	10	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.60	0.60	0.84	1.00
B10	0.20	CONCRETE	10	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.60	0.60	0.84	1.00
B10	0.30	PUGMILL	10	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.60	0.60	0.84	1.00
B15	0.00	BROOMS, STREET SWEEPERS & FLUSHERS	95	A	B	8,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.28	0.81	0.65	0.90	0.80
B20	0.00	BRUSH CHIPPERS	95	A	B	8,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.28	0.00	0.00	0.90	0.90
B25	0.00	BUCKETS, CLAMSHELL	15	A	B	10,000	0.15	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.80
B30	0.00	BUCKETS, CONCRETE	1																			
B30	0.10	GENERAL PURPOSE, MANUAL	15	A	B	10,000	0.20	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.80

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY								FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER				FOG			TIRE WEAR FACTORS			
SC		DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.80
C05	0.00	CHAIN SAWS	95	A	B	4,000	0.15	90	.900	.093	.050	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.00	2.50
C10	0.00	COMPACTORS, MANUALLY OPERATED	95	A	B	5,000	0.20	90	.900	.093	.050	0	.000	.000	.000	0.45	0.24	0.24	0.00	0.00	0.85	1.20
C15	0.00	CONCRETE BLASTERS	95	A	B	6,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.50	0.32	0.28	0.00	0.00	0.90	0.90
C20	0.00	CONCRETE BUGGIES	95	A	B	5,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.50	0.32	0.28	0.00	0.66	0.90	0.70
C25	0.00	CONCRETE FINISHERS	95	A	B	5,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.50	0.32	0.28	0.00	0.00	0.90	0.80
C30	0.00	CONCRETE GRINDERS	95	A	B	5,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.50	0.32	0.28	0.00	0.00	0.90	0.90
C35	0.00	CONCRETE GUNITERS / SHOTCRETERS	95	A	B	7,000	0.15	75	.750	.078	.042	0	.000	.000	.000	0.45	0.32	0.28	0.81	0.65	0.90	0.90
C40	0.00	CONCRETE / WASTE MIXERS	95	A	B	5,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.50	0.32	0.28	0.00	0.00	0.90	0.80
C45	0.00	CONCRETE PAVING MACHINES	10	A	B	10,000	0.20	75	.750	.078	.042	0	.000	.000	.000	0.00	0.32	0.28	0.83	0.66	0.92	1.00
C55	0.00	CONCRETE PUMPS	95	A	B	8,000	0.15	95	.950	.098	.053	0	.000	.000	.000	0.45	0.32	0.28	0.81	0.65	0.90	1.00
C60	0.00	CONCRETE SAWS	95	A	B	6,000	0.20	90	.900	.093	.050	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.90	1.00
C65	0.00	CONCRETE VIBRATORS	5	A	B	4,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.38	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	.078	.042	0	.000	.000	.000	0.00	0.32	0.30	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	.067	.036	10	.100	.010	.006	0.00	0.38	0.36	0.97	0.78	0.00	0.60
C80	0.01		20	S	B	12,000	0.15	85	.850	.088	.047	13	.130	.013	.007	0.00	0.38	0.36	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	.067	.036	10	.100	.010	.006	0.00	0.30	0.26	0.97	0.78	0.00	0.70
C80	0.02		20	S	B	14,000	0.15	85	.850	.088	.047	13	.130	.013	.007	0.00	0.30	0.26	0.86	0.61	0.00	0.75
C80	0.03	66 TON THRU 125 TON	20	A	B	18,000	0.15	65	.650	.067	.036	10	.100	.010	.006	0.00	0.30	0.26	0.97	0.78	0.00	0.80
C80	0.03		20	S	B	16,000	0.15	85	.850	.088	.047	13	.130	.013	.007	0.00	0.30	0.26	0.86	0.61	0.00	0.85
C80	0.04	OVER 125 TON	20	A	B	20,000	0.15	65	.650	.067	.036	10	.100	.010	.006	0.00	0.30	0.26	0.97	0.78	0.00	0.90
C80	0.04		20	S	B	18,000	0.15	85	.850	.088	.047	13	.130	.013	.007	0.00	0.30	0.26	0.86	0.61	0.00	0.95
C85	0.00	CRANES, MECHANICAL, CRAWLER MOUNTED	1																			

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY									FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			
SC		DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
C85	0.11	DRAGLINE, CLAMSHELL, 0 THRU 1 CY	20	A	B	12,000	0.15	50	.500	.052	.028	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	0.80
C85	0.11		20	S	B	10,000	0.15	65	.650	.067	.036	0	.000	000	.000	0.00	0.32	0.32	0.00	0.00	0.00	0.90
C85	0.12	DRAGLINE, CLAMSHELL, OVER 1 CY THRU 2-1/2 CY	20	A	B	14,000	0.15	50	.500	.052	.028	0	.000	.000	.000	0.00	0.34	0.34	0.00	0.00	0.00	0.85
C85	0.12		20	S	B	12,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.34	0.34	0.00	0.00	0.00	0.95
C85	0.13	DRAGLINE, CLAMSHELL, OVER 2-1/2 CY THRU 5 CY	20	A	B	16,000	0.15	50	.500	.052	.028	0	.000	.000	.000	0.00	0.22	0.22	0.00	0.00	0.00	0.95
C85	0.13		20	S	B	14,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.22	0.22	0.00	0.00	0.00	1.05
C85	0.14	DRAGLINE, CLAMSHELL, OVER 5 CY	20	A	B	18,000	0.15	50	500	.052	.028	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.00	1.05
C85	0.14		20	S	B	16,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.24	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	.041	.022	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	0.65
C85	0.21		20	S	B	11,000	0.15	52	.520	.054	.029	0	.000	.000	.000	0.00	0.32	0.32	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	.041	.022	0	.000	.000	.000	0.00	0.20	0.20	0.00	0.00	0.00	0.75
C85	0.22		20	S	B	13,000	0.15	52	.520	.054	.029	0	.000	.000	.000	0.00	0.20	0.20	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	.041	.022	0	.000	.000	.000	0.00	0.22	0.22	0.00	0.00	0.00	0.85
C85	0.23		20	S	B	16,000	0.15	52	.520	.054	029	0	.000	.000	.000	0.00	0.22	0.22	0.00	0.00	0.00	0.90
C85	0.24	LIFTING, OVER 150 TON	20	A	B	20,000	0.15	40	.400	.041	.022	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.00	0.95
C85	0.24		20	S	B	18,000	0.15	52	.520	.054	.029	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.00	1.00
C90	0.00	CRANES, MECHANICAL, TRUCK MOUNTED	1																			
C90	0.01	UNDER 26 TON	20	A	B	14,000	0.15	65	.650	.067	.036	10	.100	.010	.006	0.00	0.38	0.36	0.97	0.78	0.00	0.60
C90	0.01		20	S	B	12,000	0.15	85	.850	.088	.047	13	.130	.013	.007	0.00	0.38	0.36	0.86	0.61	0.00	0.65
C90	0.02	26 TON THRU 65 TON	20	A	B	16,000	0.15	65	.650	.067	.036	10	.100	.010	.006	0.00	0.30	0.26	0.97	0.78	0.00	0.70
C90	0.02		20	S	B	14,000	0.15	85	.850	.088	.047	13	.130	.013	.007	0.00	0.30	0.26	0.86	0.61	0.00	0.75
C90	0.03	66 TON THRU 125 TON	20	A	B	18,000	0.15	65	.650	.067	.036	10	.100	.010	.006	0.00	0.30	0.26	0.97	0.78	0.00	0.80
C90	0.03		20	S	B	16,000	0.15	85	.850	.088	.047	13	.130	.013	.007	0.00	0.30	0.26	0.86	0.61	0.00	0.85
C90	0.04	OVER 125 TON	20	A	B	20,000	0.15	65	.650	.067	.036	10	.100	.010	.006	0.00	0.30	0.26	0.97	0.78	0.00	0.90
C90	0.04		20	S	B	18,000	0.15	85	.850	.088	.047	13	.130	.013	.007	0.00	0.30	0.26	0.86	0.61	0.00	0.95
C95	0.00	CRANES, TOWER	20	A	B	18,000	0.20	65	.650	.067	.036	10	.100	.010	.006	0.50	0.30	0.26	0.00	0.00	0.00	0.85
D10	0.00	DRILLS, AIR TRACK, CRAWLER MOUNTED	25	A	B	10,000	0.20	80	.800	.083	.045	0	.000	.000	.000	0.45	0.32	0.28	0.62	0.44	0.00	1.00
D15	0.00	DRILLS, BORING MACHINES	25	A	B	10,000	0.20	80	.800	.083	.045	0	.000	.000	.000	0.45	0.32	0.28	0.62	0.44	0.00	0.90
D20	0.00	DRILLS, CORE, COLUMN MOUNTED	25	A	B	8,000	0.20	80	.800	.083	045	0	.000	.000	.000	0.45	0.16	0.24	0.00	0.00	0.00	0.85
D25	0.00	DRILLS, CORE, SKID MOUNTED	25	A	B	10,000	0.20	80	.800	.083	.045	0	.000	.000	.000	0.45	0.16	0.24	0.00	0.00	0.90	1.00
D30	0.00	DRILLS, EARTH/AUGER	25	A	B	10,000	0.20	80	.800	.083	045	13	.130	.013	.007	0.45	0.32	0.28	0.67	0.57	0.80	1.00

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY								FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			
SC		DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
D35	0.00	DRILLS, ROTARY BLAST HOLE	1																			
D35	0.11	DIESEL OR GASOLINE, 0" THRU 11" DIAMETER HOLE	25	A	B	14,000	0.20	80	.800	.083	.045	10	.100	.010	.006	0.00	0.38	0.38	0.62	0.44	0.00	1.00
D35	0.12	DIESEL OR GASOLINE, OVER 11" DIAMETER	25	A	B	18,000	0.20	80	.800	.083	.045	10	.100	.010	.006	0.00	0.32	0.32	0.62	0.44	0.00	1.00
D35	0.21	ELECTRIC, 0" THRU 11" DIAMETER HOLE	25	A	B	14,000	0.20	70	.700	.072	039	10	.100	.010	.006	0.50	0.00	0.00	0.62	0.44	0.00	0.55
D35	0.22	ELECTRIC, OVER 11" DIAMETER	25	A	B	18,000	0.20	70	.700	.072	.039	10	.100	.010	.006	0.50	0.00	0.00	0.62	0.44	0.00	0.55
F10	0.00	FORK LIFTS	95	A	B	10,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.45	0.24	0.24	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	.067	.036	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.90	0.60
G10	0.10		30	S	B	7,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.90	0.70
G10	0.20	SKID MOUNTED	30	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.90	0.70
G10	0.20		30	S	B	8,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.90	0.80
G15	0.00	GRADERS, MOTOR	35	A	B	12,000	0.25	60	.600	.062	.033	0	.000	.000	.000	0.00	0.20	0.34	0.89	0.71	0.00	0.70
G15	0.00		35	S	B	10,000	0.25	78	.780	.081	.043	0	.000	.000	.000	0.00	0.20	0.34	0.71	0.51	0.00	0.75
H10	0.00	HAMMERS, HYDRAULIC (DEMOLITION TOOL)	95	A	B	6,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	1.00
H13	0.00	HAZARD/TOXIC WASTE EQUIPMENT	1																			
H13	0.11	COMPACTORS (COMPRESSION FORCE), 0 - 50 TONS	95	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.50	0.24	0.24	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	.067	.036	0	.000	.000	.000	0.50	0.24	0.24	0.00	0.00	0.90	0.90
H13	0.21	FILTER PRESSES, STATIONARY	95	A	B	10,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.50	0.24	0.24	0.00	0.00	0.90	0.90
H13	0.22	FILTER PRESSES, MOBILE	95	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.50	0.24	0.24	0.00	0.00	0.90	0.80
H13	0.30	CENTRIFUGES	95	A	B	4,000	0.20	65	.650	.000	.000	0	.000	.000	.000	0.50	0.00	0.00	0.00	0.00	0.00	0.70
H13	0.40	SHREDDERS	95	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.90	0.90
H13	0.51	SOIL TREATMENT PLANT, MOBILE	95	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	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	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	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	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.90	1.00
H15	0.00	HEATERS, SPACE	1																			
H20	0.00	HOIST	95	A	B	9,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.00	0.80
H25	0.00	HYDRAULIC EXCAVATORS, CRAWLER MOUNTED	1																			
H25	0.11	DIESEL OR GASOLINE, 0 THRU 1 CY	65	A	B	8,000	0.25	60	.600	.062	.033	0	.000	.000	.000	0.00	0.38	0.38	0.00	0.00	0.00	0.70
H25	0.11		65	S	B	6,500	0.25	78	780	.081	043	0	.000	.000	.000	0.00	0.38	0.38	0.00	0.00	0.00	0.80
H25	0.12	DIESEL OR GASOLINE, OVER 1 CY THRU 2-1/2 CY	65	A	B	10,000	0.20	60	.600	.062	.033	0	.000	.000	.000	0.00	0.38	0.38	0.00	0.00	0.00	0.80
H25	0.12		65	S	B	8,000	0.20	78	.780	.081	.043	0	.000	.000	.000	0.00	0.38	0.38	0.00	0.00	0.00	0.90

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY									FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			
SC		DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
H25	0.13	DIESEL OR GASOLINE, OVER 2-1/2 CY THRU 5 CY	65	A	B	12,000	0.15	60	.600	.062	.033	0	.000	.000	.000	0.00	0.22	0.22	0.00	0.00	0.00	1.10
H25	0.13		65	S	B	10,000	0.15	78	.780	.081	.043	0	.000	.000	.000	0.00	0.22	0.22	0.00	0.00	0.00	1.20
H25	0.14	DIESEL OR GASOLINE, OVER 5 CY	65	A	B	14,000	0.15	60	.600	.062	.033	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.00	1.20
H25	0.14		65	S	B	12,000	0.15	78	.780	.081	.043	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.00	1.30
H25	0.21	ATTACHMENTS, MOBILE SHEARS	95	A	B	6,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	0.90
H25	0.22	ATTACHMENTS, MATERIAL HANDLING	95	A	B	6,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	0.80
H25	0.23	ATTACHMENTS, CONCRETE PULVERIZERS	95	A	B	6,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	1.00
H25	0.24	ATTACHMENTS, COMPACTORS	95	A	B	6,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	1.00
H30	0.00	HYDRAULIC EXCAVATORS, WHEEL MTD	1																			
H30	0.01	0 THRU 1 CY	65	A	B	8,000	0.20	65	.650	.067	.036	10	.100	.010	.006	0.00	0.38	0.36	0.97	0.78	0.80	0.50
H30	0.01		65	S	B	6,500	0.20	85	.850	.088	.047	13	.130	.013	.007	0.00	0.38	0.36	0.86	0.61	0.65	0.55
H30	0.02	OVER 1 CY	65	A	B	10,000	0.15	65	.650	.067	.036	10	.100	.010	.006	0.00	0.38	0.36	0.97	0.78	0.80	0.60
H30	0.02		65	S	B	8,000	0.15	85	.850	.088	.047	13	.130	.013	.007	0.00	0.38	0.36	0.86	0.61	0.65	0.65
H35	0.00	HYDRAULIC SHOVELS, CRAWLER MOUNTED	1																			
H35	0.11	DIESEL, 0 CY THRU 5 CY	65	A	B	14,000	0.15	60	.000	.062	.033	0	.000	.000	.000	0.00	0.22	0.22	0.00	0.00	0.00	1.00
H35	0.11		65	S	B	12,000	0.15	78	.000	.081	.043	0	.000	.000	.000	0.00	0.22	0.22	0.00	0.00	0.00	1.10
H35	0.12	DIESEL, OVER 5 CY	65	A	B	16,000	0.15	60	.000	.062	.033	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.00	1.20
H35	0.12		65	S	B	14,000	0.15	78	.000	.081	.043	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.00	1.30
H35	0.21	ELECTRIC, OVER 2-1/2 CY	65	A	B	18,000	0.20	50	.500	.000	.000	0	.000	.000	.000	0.25	0.00	0.00	0.00	0.00	0.00	0.80
H35	0.21		65	S	B	16,000	0.20	65	.650	.000	.000	0	.000	.000	.000	0.25	0.00	0.00	0.00	0.00	0.00	0.90
L10	0.00	LAND CLEARING EQUIPMENT	70	A	B	8,000	0.20	60	.600	.062	.033	10	.100	.010	.006	0.00	0.30	0.26	0.72	0.50	0.90	0.90
L10	0.00		70	S	B	6,500	0.20	78	.780	.081	.043	13	.130	.013	.007	0.00	0.30	0.26	0.57	0.35	0.71	1.00
L15	0.00	LAWN MOWERS	95	A	B	4,000	0.15	80	.800	.083	.045	0	.000	.000	.000	0.45	0.24	0.24	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	.088	.047	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.90	1.50
L25	0.00	LINE STRIPING EQUIPMENT	95	A	B	8,000	0.25	85	.850	.088	.047	13	.130	.013	.007	0.00	0.24	0.24	0.72	0.50	0.90	1.20
L30	0.00	LOADERS, BELT (CONVEYOR BELTS)	95	A	B	10,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.45	0.28	0.28	0.60	0.00	0.99	1.00
L30	0.00		95	S	B	8,000	0.20	85	.850	.088	.047	0	.000	.000	.000	0.45	0.28	0.28	0.40	0.00	0.96	1.10
L35	0.00	LOADERS, FRONT END, CRAWLER TYPE	40	A	B	10,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.00	1.35
L35	0.00		40	S	B	8,000	0.20	91	.910	.094	.051	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.00	1.40
L40	0.00	LOADERS, FRONT END, WHEEL TYPE	1																			

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY									FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			
	SC	DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
L40	0.11	ARTICULATED, 0 THRU 225 HP	45	A	B	10,000	0.25	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.42	0.70	0.42	0.00	0.70
L40	0.11		45	S	B	8,000	0.25	85	.850	.088	.047	0	.000	.000	.000	0.00	0.32	0.42	0.41	0.22	0.00	0.75
L40	0.12	ARTICULATED, OVER 225 HP	45	A	B	12,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.30	0.70	0.42	0.00	0.70
L40	0.12		45	S	B	10,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.00	0.32	0.30	0.41	0.22	0.00	0.75
L40	0.20	SKID STEER	45	A	B	8,000	0.15	70	.700	.072	.039	0	.000	.000	.000	0.00	0.32	0.42	0.70	0.42	0.00	0.80
L40	0.31	TOOL CARRIER, 0 THRU 225 HP	45	A	B	10,000	0.25	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.42	0.70	0.42	0.00	0.75
L40	0.31		45	S	B	8,000	0.25	85	.850	.088	.047	0	.000	.000	.000	0.00	0.32	0.42	0.41	0.22	0.00	0.80
L40	0.32	TOOL CARRIER, OVER 225 HP	45	A	B	12,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.30	0.70	0.42	0.00	0.75
L40	0.32		45	S	B	10,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.00	0.32	0.30	0.41	0.22	0.00	0.80
L45	0.00	LOADERS WITH BACKHOE, CRAWLER TYPE	40	A	B	10,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.00	1.35
L45	0.00		40	S	B	8,000	0.20	91	.910	.094	.051	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.00	1.40
L50	0.00	LOADERS WITH BACKHOE, WHEEL TYPE	45	A	B	10,000	0.25	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.72	0.50	0.00	0.80
L50	0.00		45	S	B	8,000	0.25	85	.850	.088	.047	0	.000	.000	.000	0.00	0.32	0.32	0.57	0.35	0.00	0.85
L55	0.00	LOADER/BACKHOE, ATTACHMENTS	95	A	B	6,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	1.00
L60	0.00	LOG SKIDDERS	75	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.28	0.73	0.44	0.00	0.80
L60	0.00		75	S	B	8,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.00	0.24	0.28	0.38	0.21	0.00	0.85
M10	0.00	MARINE EQUIPMENT	1																			
M10	0.11	MARINE, AQUATIC MAINTENANCE - LAKES/HARBORS	105	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.83	0.66	0.92	0.70
M10	0.12	ATTACHMENTS FOR (M10 .11)	105	A	B	6,000	0.20	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	0.60	0.00	0.99	0.60
M10	0.21	PORT. (TRUCKABLE) HYDRA, CUTTERHEAD DREDGE, 8" OR	105	A	B	10,000	0.15	80	.800	.083	.045	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.00	0.70
M10	0.22	PORT. (TRUCKABLE) HYDRA, CUTTERHEAD DREDGE OVER	105	A	B	12,000	0.10	80	.800	.083	.045	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.00	0.80
M10	0.23	PORT. (TRUCKABLE) HYDRA, AUGERHEAD DREDGE, 12" OR	105	A	B	10,000	0.15	80	.800	.083	.045	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.00	0.80
M10	0.24	PORT. (TRUCKABLE) HYDRA, FLOATING PUMPS, 12" OR LES	105	A	B	8,000	0.10	80	.800	.083	.045	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.00	0.70
M10	0.25	PORT. (TRUCKABLE) HYDRA, DREDGE PUMPS, 12" OR LESS	105	A	B	6,000	0.15	80	.800	.083	.045	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.00	0.70
M10	0.26	ATTACHMENTS FOR (M10 .21 - M10 .25)	105	A	B	6,000	0.15	80	.800	.083	.045	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.00	0.60
M10	0.31	SMALL MECH DREDGES, CLAMSHELL BARGE-MOUNTED TO 5	20	A	B	20,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.24	0.24	0.00	0.00	0.00	1.00
M10	0.31		20	S	B	18,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.45	0.24	0.24	0.00	0.00	0.00	1.05
M10	0.32	SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS	65	A	B	12,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.38	0.38	0.00	0.00	0.00	0.90
M10	0.32		65	S	B	10,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.45	0.38	0.38	0.00	0.00	0.00	1.00
M10	0.33	SMALL MECH DREDGES, HOE-MOUNTED DREDGING EXCAV.	105	A	B	20,000	0.15	80	.800	.083	.045	0	.000	.000	.000	0.45	0.32	0.28	0.00	0.00	0.00	0.90
M10	0.41	WORK FLOATS (NON-DREDGING)	105	A	B	6,000	0.10	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	0.00	0.00	0.00	0.50

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY									FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			
SC		DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
M10	0.42	WORK BARGES (SECTIONAL, NON-DREDGING)	105	A	B	10,000	0.10	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	0.00	0.00	0.00	0.60
M10	0.45	FLAT-DECK OR CARGO BARGE, (NON-DREDGING)	105	A	B	30,000	0.10	20	.000	.000	.011	0	.000	.000	.000	0.00	0.00	0.32	0.00	0.00	0.00	0.60
M10	0.46	HOPPER BARGE, (NON-DREDGING)	105	A	B	30,000	0.10	20	.000	.000	.011	0	.000	.000	.000	0.00	0.00	0.32	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	.011	0	.000	.000	.000	0.00	0.00	0.32	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	.011	0	.000	.000	.000	0.00	0.00	0.32	0.00	0.00	0.00	0.70
M10	0.51	TUGS, BOATS & LAUNCHES, 0 THRU 250 HP	105	A	B	12,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.00	0.70
M10	0.51		105	S	B	10,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.00	0.75
M10	0.52	TUGS, BOATS & LAUNCHES, 251 THRU 300 HP	105	A	B	12,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.00	0.80
M10	0.52		105	S	B	10,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.00	0.85
M10	0.53	TUGS, BOATS & LAUNCHES, 301 THRU 500 HP	105	A	B	14,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.00	0.80
M10	0.53		105	S	B	12,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.00	0.85
M10	0.54	TUGS, BOATS & LAUNCHES, 501 THRU 1,000 HP	105	A	B	20,000	0.15	70	.700	.072	.039	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.00	0.90
M10	0.55	TUGS, BOATS & LAUNCHES, OVER 1,000 HP	105	A	B	26,000	0.10	70	.700	.072	.039	0	.000	.000	.000	0.45	0.32	0.38	0.00	0.00	0.00	0.95
P10	0.00	PILE EXTRACTORS & LEADS	50	A	B	6,000	0.35	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	0.80
P20	0.00	PILE HAMMERS, DOUBLE ACTING	50	A	B	6,000	0.35	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	1.10
P25	0.00	PILE HAMMERS, SINGLE ACTING	50	A	B	6,000	0.35	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	1.00
P30	0.00	PILE HAMMERS, VIBRATORY	50	A	B	6,000	0.35	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	0.00	0.00	0.00	1.00
P35	0.00	PIPELAYERS	70	A	B	12,000	0.25	35	.350	.036	.020	0	.000	.000	.000	0.00	0.00	0.40	0.00	0.00	0.00	1.05
P35	0.00		70	S	B	10,000	0.25	45	.450	.047	.025	0	.000	.000	.000	0.00	0.00	0.40	0.00	0.00	0.00	1.15
P40	0.00	PLATFORMS, AERIAL WORK	20	A	B	8,000	0.20	50	.500	.052	.028	0	.000	.000	.000	0.45	0.32	0.28	0.81	0.65	0.90	0.80
P45	0.00	PUMPS, GROUT	95	A	B	8,000	0.15	95	.950	.098	.053	0	.000	.000	.000	0.45	0.32	0.28	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	.093	.050	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.00	0.90
P50	0.12	SKID MOUNTED, ELECTRIC DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.45	0.00	0.00	0.00	0.00	0.00	0.50
P50	0.21	WHEEL MOUNTED, ENGINE DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.90	0.90
P50	0.22	WHEEL MOUNTED, ELECTRIC DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.45	0.00	0.00	0.00	0.00	0.90	0.50
P55	0.00	PUMPS, WATER, SUBMERSIBLE	1																			
P55	0.01	ENGINE DRIVE	95	A	B	10,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.00	1.00
P55	0.02	ELECTRIC DRIVE	95	A	B	10,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.45	0.00	0.00	0.00	0.00	0.00	0.60
P60	0.00	PUMPS, WATER, CENTRIF., DEWATERING	1																			
P60	0.11	SKID MOUNTED, ENGINE DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.00	0.90

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY									FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			
SC		DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
P60	0.12	SKID MOUNTED, ELECTRIC DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.45	0.00	0.00	0.00	0.00	0.00	0.50
P60	0.21	WHEEL MOUNTED, ENGINE DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.90	0.90
P60	0.22	WHEEL MOUNTED, ELECTRIC DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.45	0.00	0.00	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	.093	.050	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.00	0.90
P65	0.12	SKID MOUNTED, ELECTRIC DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.45	0.00	0.00	0.00	0.00	0.00	0.50
P65	0.21	WHEEL MOUNTED, ENGINE DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.90	0.80
P65	0.22	WHEEL MOUNTED, ELECTRIC DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.45	0.00	0.00	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	.093	.050	0	.000	.000	.000	0.00	0.32	0.38	0.00	0.00	0.00	0.80
P70	0.02	ELECTRIC DRIVE	95	A	B	8,000	0.25	90	.900	.093	.050	0	.000	.000	.000	0.45	0.00	0.00	0.00	0.00	0.00	0.40
R10	0.00	RIPPERS & HYDRAULIC BANK SLOPERS	70	A	B	8,000	0.20	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	1.00
R15	0.00	ROLLERS, TOWED - PNEUMATIC	55	A	B	10,000	0.20	65	.650	.067	.036	65	.650	.067	.036	0.00	0.24	0.24	0.76	0.60	0.84	0.70
R20	0.00	ROLLERS, TOWED - STEEL DRUM	55	A	B	10,000	0.20	65	.650	.067	.036	65	.650	.067	.036	0.00	0.24	0.24	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	.067	.036	65	.650	.067	.036	0.00	0.24	0.24	0.76	0.60	0.84	0.70
R30	0.02	SMOOTH DRUM	55	A	B	10,000	0.20	65	.650	.067	.036	65	.650	.067	.036	0.00	0.24	0.24	0.76	0.60	0.84	0.80
R30	0.03	TAMPING FOOT	55	A	B	10,000	0.20	65	.650	.067	.036	65	.650	.067	.036	0.00	0.24	0.24	0.76	0.60	0.84	0.80
R40	0.00	ROLLERS, VIBRATORY, TOWED	55	A	B	8,000	0.20	90	.900	.093	.050	90	.900	.093	.050	0.00	0.32	0.32	0.76	0.60	0.84	0.80
R45	0.00	ROLLERS, VIBRATORY, DOUBLE DRUM	55	A	B	8,000	0.20	90	.900	.093	.050	90	.900	.093	.050	0.00	0.32	0.32	0.76	0.60	0.84	1.10
R50	0.00	ROLLERS, VIBRATORY, SINGLE DRUM	55	A	B	8,000	0.20	90	.900	.093	.050	90	.900	.093	.050	0.00	0.32	0.32	0.76	0.60	0.84	1.00
R55	0.00	ROOFING EQUIPMENT	95	A	B	6,000	0.15	60	.600	.062	.033	0	.000	.000	.000	0.45	0.24	0.24	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	66	.660	.068	.037	66	.660	.068	.037	0.00	0.00	0.40	0.59	0.33	0.65	0.75
S10	0.01		60	S	B	8,000	0.20	86	.860	.089	.048	86	.860	.089	.048	0.00	0.00	0.40	0.39	0.19	0.43	0.80
S10	0.02	OVER 200 HP	60	A	B	10,000	0.15	66	.660	.068	.037	66	.660	.068	.037	0.00	0.00	0.32	0.59	0.33	0.65	0.65
S10	0.02		60	S	B	8,000	0.15	86	.860	.089	.048	86	.860	.089	.048	0.00	0.00	0.32	0.39	0.19	0.43	0.70
S15	0.00	SCRAPERS, CONVENTIONAL	60	A	B	10,000	0.15	60	.600	.062	.033	60	.600	.062	.033	0.00	0.00	0.32	0.59	0.33	0.65	0.65
S15	0.00		60	S	B	8,000	0.15	78	.780	.081	.043	78	.780	.081	.043	0.00	0.00	0.32	0.39	0.19	0.43	0.70
S20	0.00	SCRAPERS, TANDEM POWERED	60	A	B	10,000	0.15	62	.620	.064	.035	62	.620	.064	.035	0.00	0.00	0.26	0.59	0.33	0.65	0.65

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY SC		DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT E	G	D	HPF	FUEL FACTOR CARRIER E	G	D	FOG E	G	D	TIRE WEAR FACTORS TT	DT	TT	RPR
S20	0.00		60	S	B	8,000	0.15	81	.810	.084	.045	81	.810	.084	.045	0.00	0.00	0.26	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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.60	0.60	0.84	0.70
S30	0.20	CRUSHERS	95	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.60	0.60	0.84	1.00
S30	0.30	SCREENING PLANT	95	A	B	10,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.28	0.60	0.60	0.84	0.80
S35	0.00	SNOW REMOVAL EQUIPMENT	95	A	B	8,000	0.20	66	.660	.068	.037	0	.000	.000	.000	0.00	0.00	0.28	0.59	0.33	0.65	0.80
S40	0.00	SOIL & ROAD STABILIZERS	60	A	B	10,000	0.20	66	.660	.068	.037	66	.660	.068	.037	0.00	0.00	0.28	0.59	0.33	0.65	0.85
S40	0.00		60	S	B	8,000	0.20	86	.860	.089	.048	86	.860	.089	.048	0.00	0.00	0.28	0.39	0.19	0.43	0.95
S45	0.00	SPLITTERS, ROCK & CONCRETE	95	A	B	6,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.32	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	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.90
T15	0.00	TRACTORS, CRAWLER (DOZER)	1																			
T15	0.00	(PER UNIT FOR TANDEM TRACTORS)	1	B																		
T15	0.01	0 THRU 225 HP	70	A	B	10,000	0.25	70	.700	.072	.039	0	.000	.000	.000	0.00	0.00	0.36	0.00	0.00	0.00	1.20
T15	0.01		70	S	B	8,000	0.25	91	.910	.094	.051	0	.000	.000	.000	0.00	0.00	0.36	0.00	0.00	0.00	1.30
T15	0.02	226 HP THRU 425 HP	70	A	B	10,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.00	0.00	0.28	0.00	0.00	0.00	1.00
T15	0.02		70	S	B	8,000	0.20	91	.910	.094	.051	0	.000	.000	.000	0.00	0.00	0.28	0.00	0.00	0.00	1.10
T15	0.03	OVER 425 HP	70	A	B	12,000	0.15	70	.700	.072	.039	0	.000	000	.000	0.00	0.00	0.24	0.00	0.00	0.00	1.10
T15	0.03		70	S	B	10,000	0.15	91	.910	.094	.051	0	.000	.000	.000	0.00	0.00	0.24	0.00	0.00	0.00	1.20
T20	0.00	TRACTORS, WHEEL TYPE (DOZER)	75	A	B	10,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.28	0.73	0.44	0.00	0.60
T20	0.00		75	S	B	8,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.00	0.24	0.28	0.38	0.21	0.00	0.65
T25	0.00	TRACTORS, WHEEL TYPE (FARM)	75	A	B	8,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.28	0.73	0.44	0.00	0.70
T30	0.00	TRENCHERS, CHAIN	80	A	B	8,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.28	0.28	0.91	0.68	0.00	0.90
T30	0.00		80	S	B	6,500	0.20	85	.850	.088	.047	0	.000	.000	.000	0.00	0.28	0.28	0.77	0.48	0.00	1.00
T35	0.00	TRENCHERS, WHEEL TYPE	80	A	B	10,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.28	0.28	0.91	0.68	0.00	0.90
T35	0.00		80	S	B	8,000	0.20	85	.850	.088	.047	0	.000	.000	.000	0.00	0.28	0.28	0.77	0.48	0.00	1.00
T40	0.00	TRUCK OPTIONS, (ADD TRUCK)	1																			
T40	0.10	CRANES, HYDRAULIC	95	A	B	8,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.32	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	0.00	0.00	0.00	0.00	0.00	0.00	0.70

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY									FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER				FOG			TIRE WEAR FACTORS			
SC		DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
T40	0.20		95	S	B	6,500	0.20	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	0.00	0.00	0.00	0.80
T40	0.30	FLATBEDS, WITH CONTINUOUS SIDES	95	A	B	8,000	0.20	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	0.00	0.00	0.00	0.60
T40	0.41	HOIST, ELECTRIC DRIVE	95	A	B	8,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.32	0.00	0.00	0.00	0.70
T40	0.50	TRANSIT MIXERS	95	A	B	8,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.32	0.00	0.00	0.65	0.70
T40	0.60	WATER TANKS	95	A	B	8,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.32	0.00	0.00	0.00	0.60
T40	0.70	ALL OTHER OPTIONS	95	A	B	8,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.45	0.32	0.32	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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.65	0.50
T45	0.50	PLATFORM TRAILER	95	A	B	10,000	0.30	0	.000	.000	.000	0	.000	.000	.000	0.00	0.00	0.00	0.00	0.00	0.65	0.50
T45	0.60	TILT TRAILER	95	A	B	10,000	0.30	0	.000	000	.000	0	.000	.000	.000	0.00	0.00	0.00	0.00	0.00	0.65	0.50
T45	0.70	WATER TANKER TRAILER	95	A	B	10,000	0.30	65	.000	.067	.036	0	.000	.000	.000	0.00	0.28	0.24	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	0.00	0.00	0.00	0.00	0.00	0.65	0.70
T45	0.90	TANK TRAILERS	95	A	B	10,000	0.30	65	.000	.670	.036	0	.000	.000	.000	0.00	0.28	0.24	0.00	0.00	0.65	0.70
T50	0.00	TRUCKS, HIGHWAY	1																			
T50	0.01	0 THRU 10,000 GVW	85	A	S	7,000	0.25	15	.150	.016	.008	0	.000	.000	.000	0.00	0.28	0.24	0.41	0.29	0.00	0.70
T50	0.01		85	S	S	5,500	0.25	20	.200	.021	.011	0	.000	.000	.000	0.00	0.28	0.24	0.36	0.22	0.00	0.75
T50	0.02	OVER 10,000 THRU 30,000 GVW	85	A	S	8,000	0.25	35	.350	.036	.020	0	.000	.000	.000	0.00	0.30	0.26	0.49	0.39	0.00	0.65
T50	0.02		85	S	S	6,500	0.25	46	.460	.048	.026	0	.000	.000	.000	0.00	0.30	0.26	0.42	0.30	0.00	0.70
T50	0.03	OVER 30,000 GVW	85	A	S	8,000	0.20	50	.500	.052	.028	0	.000	.000	.000	0.00	0.32	0.28	0.51	0.38	0.57	0.65
T50	0.03		85	S	S	6,500	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.32	0.28	0.43	0.29	0.48	0.75
T55	0.00	TRUCKS, OFF-HIGHWAY	90	A	B	12,000	0.15	40	.400	.041	.022	0	.000	.000	.000	0.00	0.00	0.34	0.59	0.36	0.65	0.60
T55	0.00		90	S	B	10,000	0.15	52	.520	.054	.029	0	.000	.000	.000	0.00	0.00	0.34	0.39	0.21	0.43	0.70
T57	0.00	TRUCKS, VACUUM	95	A	B	10,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.28	0.81	0.65	0.90	0.80
T60	0.00	TRUCKS, WATER, OFF-HIGHWAY	90	A	B	12,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.32	0.73	0.55	0.81	0.70
T60	0.00		90	S	B	10,000	0.20	85	.850	.088	.047	0	.000	.000	.000	0.00	0.24	0.32	0.56	0.40	0.62	0.80
T65	0.00	TUNNEL/MINING EQUIPMENT	1																			

APPENDIX D. EQUIPMENT HOURLY CALCULATION FACTORS

CATEGORY								FUEL FACTOR EQUIPMENT				FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			
SC		DESCRIPTION	EK	C	DC	LIFE	SLV	HPF	E	G	D	HPF	E	G	D	E	G	D	TT	DT	TT	RPR
T65	0.10	DRIFTING & TUNNELING DRILLS	25	A	B	14,000	0.15	80	.800	.083	.045	0	.000	.000	.000	0.50	0.32	0.28	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	0.50	0.00	0.00	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	0.50	0.00	0.00	0.00	0.00	0.00	0.80
T65	0.30	PRODUCTION DRILLING RIGS	25	A	B	12,000	0.15	80	.800	.083	.045	0	.000	.000	.000	0.50	0.32	0.28	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	0.50	0.00	0.00	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	0.50	0.00	0.00	0.00	0.00	0.00	1.00
T65	0.50	ROCK BOLTING EQUIPMENT	95	A	B	10,000	0.20	80	.800	.083	.045	10	.100	.010	.006	0.50	0.32	0.28	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	.072	.039	0	.000	.000	.000	0.00	0.32	0.30	0.70	0.42	0.00	0.75
T65	0.62	LOADING & HAULING EQUIPMENT, ELECTRIC	95	A	B	14,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.45	0.24	0.24	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	.072	.039	0	.000	.000	.000	0.45	0.32	0.28	0.70	0.42	0.00	0.65
T65	0.70	LOCOMOTIVES	95	A	B	12,000	0.20	70	.700	.072	.039	0	.000	.000	.000	0.45	0.00	0.00	0.00	0.00	0.00	0.75
T65	0.90	OTHER TUNNELING EQUIPMENT	95	A	B	10,000	0.20	70	.700	.072	.039	13	.130	.013	.007	0.45	0.32	0.30	0.70	0.42	0.00	0.80
W10	0.00	WAGONS, BOTTOM DUMP	90	A	B	12,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.32	0.59	0.39	0.65	0.65
W10	0.00		90	S	B	10,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.00	0.24	0.32	0.39	0.22	0.43	0.75
W15	0.00	WAGONS, REAR DUMP	90	A	B	12,000	0.15	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.32	0.59	0.39	0.65	0.60
W15	0.00		90	S	B	10,000	0.15	85	.850	.088	.047	0	.000	.000	.000	0.00	0.24	0.32	0.39	0.22	0.43	0.70
W25	0.00	WATER & CO2 BLASTERS	1																			
W25	0.10	LOW PRESSURE, (< 5,000 PSI)	95	A	B	4,000	0.20	95	.950	.098	.053	0	.000	.000	.000	0.40	0.24	0.28	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	.098	.053	0	.000	.000	.000	0.40	0.24	0.28	0.77	0.73	0.90	1.20
W25	0.30	STEAM CLEANERS	95	A	B	4,000	0.20	95	.950	.098	.053	0	.000	.000	.000	0.40	0.24	0.28	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	0.50	0.00	0.00	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	.067	.036	0	.000	.000	.000	0.00	0.24	0.28	0.77	0.73	0.90	0.60
W30	0.20	SKID MOUNTED	90	A	B	12,000	0.20	65	.650	.067	.036	0	.000	.000	.000	0.00	0.24	0.28	0.00	0.00	0.90	0.50
W35	0.00	WELDERS	1																			
W35	0.10	GASOLINE OR DIESEL DRIVE	95	A	B	8,000	0.30	80	.800	.083	.045	0	.000	.000	.000	0.00	0.24	0.24	0.00	0.00	0.90	0.75
W35	0.21	ELECTRIC DRIVE	95	A	B	6,000	0.25	60	.600	.062	.033	0	.000	.000	.000	0.40	0.00	0.00	0.00	0.00	0.90	0.50
W35	0.22	MIG	95	A	B	6,000	0.25	60	.600	.062	.033	0	.000	.000	.000	0.40	0.00	0.00	0.00	0.00	0.90	0.50
W35	0.23	RECTIFIER	95	A	B	6,000	0.25	60	.600	.062	.033	0	.000	.000	.000	0.40	0.00	0.00	0.00	0.00	0.90	0.50
W35	0.24	TRANSFORMER	95	A	B	6,000	0.25	60	.600	.062	.033	0	.000	.000	.000	0.40	0.00	0.00	0.00	0.00	0.90	0.50

APPENDIX E.

ECONOMIC INDEXS FOR CONSTRUCTION EQUIPMENT

(This page left blank intentionally.)

APPENDIX E. ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT

Note: Table 2-1 Equipment Rates are based on equipment purchased new in the year 1992

KEY (EK)	EQUIPMENT DIVISIONS	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
5	Air Equipment	2038	2012	2022	2002	1963	1956	1888	1801	1730	1720	1733	1683	1695	1668	1563	1630	1521	1354
10	Asphalt & Concrete Paving Equipment	3317	3249	3189	3202	3106	2967	2867	2793	2730	2687	2687	2611	2583	2620	2461	2296	2111	1941
15	Buckets	6717	6624	6663	6155	5901	5640	5314	4872	4767	4713	4640	4527	4471	4541	4313	3879	3280	2963
20	Cranes, Draglines & Clamshells - Crawler & Truck Mounted	4891	4781	4736	4599	4298	4152	3967	3688	3595	3485	3395	3339	3282	3213	3009	2782	2512	2301
25	Drills	3364	3318	3268	3261	3163	3069	2969	2807	2792	2786	2832	2803	2836	2810	2602	2265	1993	1858
30	Generators	4408	4347	4294	4311	4181	4116	3998	3773	3575	3514	3510	3400	3314	3236	3160	2817	2390	2301
35	Graders, Motor	5051	4981	4946	4649	4509	4359	4219	4010	3914	3759	3738	3645	3643	3561	3276	2992	2687	2492
40	Loaders, Track	5345	5256	5068	4845	4677	4555	4404	4163	3918	3770	3767	3791	3792	3655	3349	3061	2750	2482
45	Loaders, Wheel	5072	4987	4894	4742	4640	4532	4409	4235	4099	3991	3973	3944	3873	3788	3441	2938	2606	2375
50	Pile Driving Equipment	4663	4599	4539	4348	4305	4182	4029	3845	3745	3668	3626	3570	3519	3439	3208	2894	2562	2329
55	Rollers	4871	4725	4484	4808	4668	4630	4507	4412	4217	4151	4090	3926	3744	3431	3199	2913	2653	2396
60	Scrapers and Soil Stabilizers	5051	4981	4946	4649	4509	4359	4219	4010	3914	3759	3738	3645	3643	3561	3276	2992	2687	2492
65	Shovels, Backhoes & Hydraulic Excavators	4944	4781	4736	4431	4298	4152	3967	3688	3595	3485	3395	3339	3282	3213	3009	2782	2512	2301
70	Tractors, Crawlers & Attachments	5393	5256	5068	4845	4677	4555	4404	4163	3918	3770	3767	3791	3792	3655	3349	3061	2750	2482
75	Tractor, Wheel	4541	4487	4342	4278	4186	4123	4018	3936	3862	3820	3818	3656	3557	3530	3256	2927	2578	2319
80	Trenchers	5402	5327	5092	5101	4948	4886	4753	4679	4600	4586	4488	4431	4360	4097	3618	3153	2772	2580
85	Trucks, Highway	4254	4195	4025	3783	3669	3546	3495	3363	3299	3282	3139	3055	2934	2824	2638	2324	2108	1934
90	Trucks & Wagons Off-Highway Avg 94-95 To 96 = 2% 5142	5041	4971	4837	4886	4739	4617	4405	4094	3915	3840	3822	3786	3744	3662	3363	2964	2588	2364
95	All Other Equip.	4663	4599	4539	4438	4305	4182	4029	3845	3745	3668	3626	3570	3519	3439	3208	2894	2562	2329
100	All Tires & Tubes 2588	2550	2515	2525	2584	2506	2470	2480	2399	2322	2340	2374	2421	2453	2552	2506	2369	2055	1792
105	Marine Equipment	5023	4954	4881	4576	4438	4271	4091	3920	3886	3863	3749	3633	3497	3391	3239	2922	2587	2352

EK = ECONOMIC KEY

APPENDIX E. ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT

KEY (EK)	EQUIPMENT DIVISIONS	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
5	Air Equipment	1295	1186	1165	1028	935	920	929	936	918	970	1000	992	954	872	853	843	846	781
10	Asphalt & Concrete Paving Equipment	1815	1686	1610	1451	1304	1263	1235	1163	1091	1044	1000	963	931	905	872	858	844	830
15	Buckets	2738	2520	2175	1838	1430	1370	1316	1188	1062	1025	1000	1000	1003	978	971	953	950	950
20	Cranes, Draglines & Clamshells - Crawler & Truck Mounted	2138	2010	1843	1522	1305	1260	1212	1147	1090	1049	1000	967	930	914	890	868	862	859
25	Drills	1699	1638	1559	1373	1249	1184	1160	1115	1052	1037	1000	993	971	914	904	904	901	852
30	Generators	2128	2053	1839	1456	1316	1293	1243	1188	1089	1029	1000	947	924	916	901	892	932	1007
35	Graders, Motor	2259	2109	1956	1604	1361	1244	1208	1152	1101	1053	1000	975	951	923	903	877	869	872
40	Loaders, Track	2247	2053	1916	1573	1329	1219	1184	1135	1100	1079	1000	956	936	914	882	861	857	840
45	Loaders, Wheel	2156	2002	1907	1584	1362	1317	1261	1197	1144	NA	NA	NA	NA	NA	NA	NA	NA	NA
50	Pile Driving Equipment	2135	1989	1852	1523	1307	1257	1218	1159	1104	NA	NA	NA	NA	NA	NA	NA	NA	NA
55	Rollers	2139	1983	1872	1556	1328	1279	1230	1178	1082	1049	1000	962	936	908	903	900	885	874
60	Scrapers and Soil Stabilizers	2259	2109	1956	1604	1361	1244	1208	1152	1101	1053	1000	975	951	923	903	877	869	872
65	Shovels, Backhoes & Hydraulic Excavators	2138	2010	1843	1522	1305	1260	1212	1147	1090	1049	1000	967	930	914	890	868	862	859
70	Tractors, Crawlers & Attachments	2247	2053	1916	1573	1329	1219	1184	1135	1100	1079	1000	956	936	914	882	861	857	840
75	Tractor, Wheel	2125	1956	1843	1498	1288	1251	1211	1152	1109	1050	1000	962	927	902	875	858	858	852
80	Trenchers	2300	1894	1633	1527	1384	1316	1284	1207	1113	1051	1000	990	961	950	919	915	902	888
85	Trucks, Highway	1775	1646	1524	1369	1230	1211	1185	1114	1062	1033	1000	980	975	965	967	975	981	981
90	Trucks & Wagons Off-Highway	2196	2081	1965	1568	1315	1293	1245	1190	1135	NA	NA	NA	NA	NA	NA	NA	NA	NA
95	All Other Equip.	2135	1989	1852	1523	1307	1257	1218	1159	1104	1057	1000	965	936	912	890	875	873	859
100	All Tires & Tubes	1699	1615	1485	1334	1114	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
105	Marine Equipment	2156	2008	1870	1538	1320	1269	1230	1170	1115	1067	1000	974	945	921	899	883	881	867

EK = ECONOMIC KEY

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
TIRE GROUP = LT TRUCK						
RIB HI-MILER			*(Life = 5000hrs)*			
	(ABAA1)	650-15	6.50 x 16.00	6	TT	$70
	(ABAA2)	670-15	6.70 x 15.00	6	TT	$65
	(ABAA3)	700-15	7.00 x 15.00	6	TL	$77
TRACKER LT BLACK			*(Life = 5000hrs)*			
	(ABAB8)	700-14	7.00 x 14.00	6	TL	$79
	(ABAB9)	700-14	7.00 x 14.00	8	TL	$81
	(ABAB1)	700-15	7.00 x 15.00	6	TL	$92
	(ABAB2)	G78-15	7.80 x 15.00	6	TL	$97
	(ABAB3)	H78-15	7.80 x 15.00	6	TL	$100
	(ABAB4)	L78-15	7.80 x 15.00	6	TL	$104
	(ABAB10)	800-165	8.00 x 16.50	8	TL	$85
	(ABAB5)	875-165	8.75 x 16.50	8	TL	$90
	(ABAB6)	875-165	8.75 x 16.50	10	TL	$98
	(ABAB7)	950-165	9.50 x 16.50	8	TL	$98
	(ABAB11)	950-165	9.50 x 16.50	10	TL	$108
SUPER HI-MILER			*(Life = 5000hrs)*			
	(ABAC25)	650-16	6.50 x 16.00	6	TL	$112
	(ABAC23)	670-15	6.70 x 15.00	6	TL	$105
	(ABAC24)	700-15	7.00 x 15.00	6	TL	$112
	(ABAC8)	700-15	7.00 x 15.00	8	TL	$119
	(ABAC9)	750-15	7.50 x 15.00	8	TT	$76
	(ABAC26)	750-16	7.50 x 16.00	8	TL	$137
	(ABAC10)	750-16	7.50 x 16.00	8	TT	$134
	(ABAC27)	750-16	7.50 x 16.00	10	TL	$155
	(ABAC11)	750-20	7.50 x 20.00	10	TT	$137
	(ABAC28)	800-195	8.00 x 19.50	8	TL	$215
	(ABAC12)	825-20	8.25 x 20.00	10	TT	$219
	(ABAC13)	825-20	8.25 x 20.00	12	TT	$284
	(ABAC14)	900-20	9.00 x 20.00	10	TT	$251
	(ABAC15)	900-20	9.00 x 20.00	12	TT	$306
	(ABAC16)	1000-20	10.00 x 20.00	12	TT	$315
	(ABAC17)	1000-20	10.00 x 20.00	14	TT	$385
	(ABAC18)	1000-20	10.00 x 22.00	12	TT	$350
	(ABAC19)	1100-20	11.00 x 20.00	12	TT	$381
	(ABAC20)	1100-20	11.00 x 20.00	14	TT	$429
	(ABAC21)	1100-22	11.00 x 22.00	14	TT	$350
	(ABAC22)	1100-22	11.00 x 22.00	14	TT	$447

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (I)	COST PER EACH
CUSTOM HI-MILER			*(Life = 5000 hrs)*			
	(ABAD1)	1100-20	11.00 x 20.00	14	TL	$306
	(ABAD2)	12-165	12.00 x 16.50	10	TT	$226
	(ABAD3)	1200-20	12.00 x 20.00	14	TT	$557
	(ABAD4)	1200-20	12.00 x 20.00	16	TT	$612
	(ABAD5)	14-175	14.00 x 17.50	10	TL	$486
	(ABAD6)	1400-20	14.00 x 20.00	18	TT	$806
RIB HI-MILER LP TRAILER			*(Life = 5000 hrs)*			
	(ABAE1)	690-15	6.90 x 15.00	8	TT	$139
	(ABAE2)	750-15	7.50 x 15.00	12	TT	$176
	(ABAE3)	825-15	8.25 x 15.00	12	TT	$183
	(ABAE4)	825-15	8.25 x 15.00	14	TT	$265
	(ABAE5)	900-15	9.00 x 15.00	12	TT	$211
	(ABAE6)	1000-15	10.00 x 15.00	12	TT	$287
	(ABAE7)	1000-15	10.00 x 15.00	14	TT	$265
CUSTOM HI-MILER SUPER SINGLE			*(Life = 5000 hrs)*			
	(ABAH5)	12-165	12.00 x 16.50	10	TL	$247
	(ABAH6)	12-165	12.00 x 16.50	12	TL	$297
	(ABAH7)	14-175	14.00 x 17.50	10	TL	$570
	(ABAH1)	15-225	15.00 x 22.50	16	TL	$643
	(ABAH2)	165-225	16.50 x 22.50	16	TL	$722
	(ABAH3)	18-225	18.00 x 22.50	16	TL	$682
	(ABAH4)	18-225	18.00 x 22.50	18	TL	$753
TRACKER LT II			*(Life = 5000 hrs)*			
	(ABCG1)	700-15	7.00 x 15.00	6	TL	$72
	(ABCG2)	700-15	7.00 x 15.00	8	TL	$76
TIRE GROUP = COMMERCIAL - OVER THE ROAD						
SUPER HI-MILER			*(Life = 5000 hrs)*			
	(ACAC1)	750-20	7.50 x 20.00	10	TT	$267
	(ACAC2)	825-20	8.25 x 20.00	10	TT	$175
	(ACAC3)	825-20	8.25 x 20.00	12	TT	$210
	(ACAC4)	900-20	9.00 x 20.00	10	TT	$219
	(ACAC5)	900-20	9.00 x 20.00	12	TT	$241
	(ACAC6)	1000-20	10.00 x 20.00	12	TT	$278
	(ACAC7)	1000-20	10.00 x 20.00	14	TT	$319
	(ACAC10)	1000-22	10.00 x 22.00	12	TT	$314
	(ACAC12)	1000-225	10.00 x 22.50	10	TL	$223
	(ACAC8)	1100-20	11.00 x 20.00	12	TT	$320
	(ACAC9)	1100-20	11.00 x 20.00	14	TT	$378

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(ACAC11)	1100-22	11.00 x 22.00	14	TT	$419
	(ACAC13)	1100-225	11.00 x 22.50	12	TL	$306
	(ACAC14)	1100-245	11.00 x 24.50	12	TL	$323
CUSTOM HI-MILER			*(Life = 5000hrs)*			
	(ACAD1)	1200-20	12.00 x 20.00	14	TT	$500
	(ACAD2)	1200-20	12.00 x 20.00	16	TT	$555
	(ACAD3)	1400-20	14.00 x 20.00	18	TT	$696
	(ACAD4)	1400-24	14.00 x 24.00	20	TT	$907
	(ACAD5)	1500-225	15.00 x 22.50	16	TL	$597
	(ACAD6)	1650-225	16.50 x 22.50	16	TL	$664
	(ACAD7)	1800-195	18.00 x 19.50	18	TL	$787
SRL 1			*(Life = 5000hrs)*			
	(ACAF6)	900-20	9.00 x 20.00	20	TT	$330
	(ACAF1)	1000-20	10.00 x 20.00	12	TT	$387
	(ACAF7)	1000-20	10.00 x 20.00	20	TT	$431
	(ACAF2)	1120-14	11.00 x 20.00	14	TT	$345
	(ACAF8)	1100-22	11.00 x 22.00	22	TT	$499
	(ACAF3)	1400-20	14.00 x 20.00	18	TT	$884
	(ACAF5)	1400-24	14.00 x 24.00	20	TT	$1,013
CUSTOM CROSS RIB HI-MILER			*(Life = 5000hrs)*			
	(ACAG1)	900-20	9.00 x 20.00	10	TT	$247
	(ACAG2)	1000-20	10.00 x 20.00	12	TT	$305
	(ACAG3)	1000-22	10.00 x 22.00	12	TT	$276
	(ACAG4)	1000-20	11.00 x 20.00	12	TT	$283
	(ACAG5)	1100-20	11.00 x 20.00	14	TT	$415
	(ACAG6)	1100-22	11.00 x 22.00	12	TT	$389
	(ACAG7)	11-225	11.00 x 22.50	12	TL	$318
CUSTOM HI-MILER SUPER SINGLE			*(Life = 5000hrs)*			
	(ACAH1)	15-225	15.00 x 22.50	14	TL	$585
	(ACAH2)	15-225	15.00 x 22.50	16	TL	$598
	(ACAH3)	165-225	16.50 x 22.50	16	TL	$662
	(ACAH4)	18-195	18.00 x 19.50	18	TL	$788
	(ACAH5)	18-225	18.00 x 22.50	16	TL	$754
	(ACAH6)	18-225	18.00 x 22.50	18	TL	$779
CUSTOM XTRA GRIP HI-MILER			*(Life = 5000hrs)*			
	(ACCI1)	750-20	7.50 x 20.00	10	TT	$173
	(ACCI2)	825-20	8.25 x 20.00	10	TT	$189
	(ACCI3)	900-20	9.00 x 20.00	10	TT	$240
	(ACCI4)	900-20	9.00 x 20.00	12	TT	$266
	(ACCI5)	1000-20	10.00 x 20.00	12	TT	$288

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(ACCI6)	1000-20	10.00 x 20.00	14	TT	$332
	(ACCI7)	1100-20	11.00 x 20.00	12	TT	$335
	(ACCI8)	1100-20	11.00 x 20.00	14	TT	$381
HI-MILER LPT			*(Life = 5000hrs)*			
	(ACCZ1)	750-15	7.50 x 15.00	12	TT	$193
	(ACCZ2)	825-15	8.25 x 15.00	12	TT	$200
	(ACCZ3)	825-15	8.25 x 15.00	14	TT	$232
	(ACCZ4)	900-15	9.00 x 15.00	12	TT	$228
	(ACCZ5)	1000-15	10.00 x 15.00	14	TT	$290
TIRE GROUP = FARM TIRES						
POWER TORQUE REAR TRACTOR R-1			*(Life = 5000hrs)*			
	(ADAO7)	600-12	6.00 x 12.00	2	TL	$50
	(ADAO8)	600-12	6.00 x 12.00	4	TL	$55
	(ADAO9)	830-16	8.30 x 16.00	4	TL	$151
	(ADAO10)	830-16	8.30 x 16.00	6	TL	$173
	(ADAO11)	950-16	9.50 x 16.00	4	TL	$199
	(ADAO6)	950-16	9.50 x 16.00	6	TT	$224
	(ADAO3)	136-26	13.60 x 26.00	6	TT	$402
	(ADAO1)	136-28	13.60 x 28.00	6	TT	$368
	(ADAO5)	149-26	14.90 x 26.00	6	TT	$447
	(ADAO2)	184-161	18.40 x 16.10	6	TL	$530
	(ADAO4)	184-28	18.40 x 28.00	6	TT	$651
ALL WEATHER REAR TRACTOR R-3			*(Life = 5000hrs)*			
	(ADAQ9)	83-24	8.30 x 24.00	4	TT	$210
	(ADAQ7)	95-16	9.50 x 16.00	4	TT	$199
	(ADAQ1)	95-24	9.50 x 24.00	4	TT	$230
	(ADAQ14)	124-16	12.40 x 16.00	8	TL	$257
	(ADAQ8)	124-16	12.40 x 16.00	12	TT	$333
	(ADAQ15)	136-161	13.60 x 16.10	8	TL	$466
	(ADAQ12)	136-28	13.60 x 28.00	4	TT	$398
	(ADAQ25)	136-28	13.60 x 28.00	6	TL	$409
	(ADAQ2)	136-28	13.60 x 28.00	6	TT	$434
	(ADAQ3)	149-24	14.90 x 24.00	6	TT	$407
	(ADAQ10)	149-24	14.90 x 24.00	8	TT	$499
	(ADAQ16)	165L-161	16.50 x 16.10	6	TL	$444
	(ADAQ11)	169-24	16.90 x 24.00	6	TT	$555
	(ADAQ28)	169-34	16.90 x 34.00	10	TL	$1,177
	(ADAQ4)	184-161	18.40 x 16.10	6	TT	$590
	(ADAQ17)	184-161	18.40 x 16.10	8	TL	$623
	(ADAQ18)	184-26	18.40 x 26.00	6	TL	$649

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(ADAQ19)	184-26	18.40 x 26.00	10	TL	$849
	(ADAQ20)	231-26	23.10 x 26.00	8	TL	$1,117
	(ADAQ5)	231-26	23.10 x 26.00	8	TT	$1,196
	(ADAQ21)	231-26	23.10 x 26.00	10	TL	$1,224
	(ADAQ6)	231-26	23.10 x 26.00	10	TT	$1,211
	(ADAQ22)	231-26	23.10 x 26.00	12	TL	$1,473
	(ADAQ26)	245-32	24.50 x 32.00	12	TL	$2,123
	(ADAQ23)	28L-26	28.00 x 26.00	10	TL	$1,477
	(ADAQ24)	28L-26	28.00 x 26.00	12	TL	$1,817
	(ADAQ27)	305L-32	30.50 x 32.00	12	TL	$2,911
	(ADAQ13)	305L-32	30.50 x 32.00	16	TT	$3,552
INDUSTRIAL SURE GRIP R-4			*(Life = 5000hrs)*			
	(ADAR1)	149-24	14.90 x 24.00	6	TL	$335
	(ADAR10)	149-24	14.90 x 24.00	6	TT	$397
	(ADAR2)	149-24	14.90 x 24.00	8	TL	$500
	(ADAR11)	149-24	14.90 x 24.00	8	TT	$330
	(ADAR14)	149-28	14.90 x 28.00	8	TT	$387
	(ADAR5)	149-28	14.90 x 28.00	14	TL	$746
	(ADAR6)	169-24	16.90 x 24.00	6	TL	$372
	(ADAR3)	169-24	16.90 x 24.00	8	TL	$383
	(ADAR12)	169-24	16.90 x 24.00	8	TT	$417
	(ADAR7)	169-24	16.90 x 24.00	10	TL	$429
	(ADAR15)	169-28	16.90 x 28.00	8	TT	$488
	(ADAR4)	169-28	16.90 x 28.00	10	TL	$614
	(ADAR8)	184-24	18.40 x 24.00	8	TL	$848
	(ADAR9)	184-24	18.40 x 24.00	10	TL	$921
	(ADAR13)	184-24	18.40 x 24.00	12	TT	$938
	(ADAR16)	184-28	18.40 x 28.00	8	TT	$624
	(ADAR17)	184-28	18.40 x 28.00	12	TT	$810
LOGGER LUG STEELGARD LS-2			*(Life = 5000hrs)*			
	(ADAS2)	184-26	18.40 x 26.00	10	TT	$1,255
	(ADAS8)	184-34	18.40 x 34.00	10	TT	$1,638
	(ADAS1)	231-26	23.10 x 26.00	10	TT	$1,352
	(ADAS4)	245-32	24.50 x 32.00	12	TT	$2,604
	(ADAS5)	245-32	24.50 x 32.00	16	TT	$3,102
	(ADAS3)	28L-26	28.00 x 26.00	12	TT	$1,770
	(ADAS6)	305L-32	30.50 x 32.00	12	TT	$2,437
	(ADAS7)	305L-32	30.50 x 32.00	16	TT	$3,595
TRACTION TORQUE REAR TRACTOR R-1			*(Life = 5000hrs)*			
	(ADAT5)	112-36	11.20 x 36.00	4	TT	$282
	(ADAT8)	112-38	11.20 x 38.00	4	TT	$340

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(ADAT6)	124-36	12.40 x 36.00	4	TT	$314
	(ADAT7)	139-36	13.90 x 36.00	4	TT	$353
	(ADAT1)	149-24	14.90 x 24.00	6	TL	$378
	(ADAT9)	149-38	14.90 x 38.00	4	TT	$477
	(ADAT2)	169-24	16.90 x 24.00	6	TT	$387
	(ADAT3)	184-30	18.40 x 30.00	10	TT	$561
	(ADAT4)	231-26	23.10 x 26.00	8	TL	$1,167
SINGLE RIB FRONT TRACTOR F-1			*(Life = 5000hrs)*			
	(ADAU2)	600-16	6.00 x 16.00	4	TT	$95
	(ADAU1)	750-16	7.50 x 16.00	6	TT	$141
	(ADAU3)	1000-16	10.00 x 16.00	6	TT	$195
FARM SERVICE I-1			*(Life = 5000hrs)*			
	(ADAV4)	750-14	7.50 x 14.00	4	TL	$64
	(ADAV26)	85L-14	8.50 x 14.00	6	TT	$90
	(ADAV5)	95L-14	9.50 x 14.00	4	TL	$87
	(ADAV6)	95L-14	9.50 x 14.00	6	TL	$96
	(ADAV27)	95L-14	9.50 x 14.00	6	TT	$98
	(ADAV9)	95L-15	9.50 x 15.00	6	TL	$96
	(ADAV29)	95L-15	9.50 x 15.00	6	TT	$91
	(ADAV30)	95L-15	9.50 x 15.00	8	TT	$95
	(ADAV10)	1000-15	10.00 x 15.00	8	TL	$118
	(ADAV7)	11L-14	11.00 x 14.00	4	TL	$108
	(ADAV8)	11L-14	11.00 x 14.00	6	TL	$99
	(ADAV28)	11L-14	11.00 x 14.00	6	TT	$109
	(ADAV12)	11L-15	11.00 x 15.00	6	TL	$105
	(ADAV31)	11L-15	11.00 x 15.00	6	TT	$101
	(ADAV13)	11L-15	11.00 x 15.00	8	TL	$115
	(ADAV32)	11L-15	11.00 x 15.00	8	TT	$106
	(ADAV14)	11L-15	11.00 x 15.00	10	TL	$138
	(ADAV11)	11L-15	11.00 x 15.00	12	TL	$169
	(ADAV33)	11L-15	11.00 x 15.00	12	TT	$163
	(ADAV17)	11L-16	11.00 x 16.00	8	TL	$116
	(ADAV36)	11L-16	11.00 x 16.00	8	TT	$128
	(ADAV1)	11L-16	11.00 x 16.00	10	TL	$133
	(ADAV37)	11L-16	11.00 x 16.00	10	TT	$145
	(ADAV15)	125L-15	12.50 x 15.00	8	TL	$96
	(ADAV34)	125L-15	12.50 x 15.00	8	TT	$142
	(ADAV35)	125L-15	12.50 x 15.00	10	TT	$166
	(ADAV2)	125L-15	12.50 x 15.00	12	TL	$186
	(ADAV16)	125L-15	12.50 x 15.00	12	TL	$186
	(ADAV18)	125L-16	12.50 x 16.00	8	TL	$146
	(ADAV38)	125L-16	12.50 x 16.00	8	TT	$159

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(ADAV19)	125L-16	12.50 x 16.00	12	TL	$174
	(ADAV3)	14L-161	14.00 x 16.10	6	TL	$242
	(ADAV20)	165L-161	16.50 x 16.10	8	TL	$271
	(ADAV21)	165L-161	16.50 x 16.10	10	TL	$301
	(ADAV22)	19L-161	19.00 x 16.10	8	TL	$372
	(ADAV23)	19L-161	19.00 x 16.10	10	TL	$429
	(ADAV24)	215L-161	21.50 x 16.10	10	TL	$448
	(ADAV25)	215L-161	21.50 x 16.10	14	TL	$525
IMPLEMENT RIB I-1			*(Life = 5000hrs)*			
	(ADAW2)	400-09	4.00 x 9.00	4	TT	$38
	(ADAW3)	400-12	4.00 x 12.00	4	TT	$41
	(ADAW13)	400-18	4.00 x 18.00	4	TT	$58
	(ADAW5)	500-15	5.00 x 15.00	4	TT	$58
	(ADAW19)	590-15	5.90 x 15.00	4	TL	$62
	(ADAW8)	600-16	6.00 x 16.00	6	TT	$75
	(ADAW20)	640-15	6.40 x 15.00	6	TL	$69
	(ADAW9)	650-16	6.50 x 16.00	6	TT	$72
	(ADAW21)	670-15	6.70 x 15.00	4	TL	$69
	(ADAW6)	670-15	6.70 x 15.00	6	TT	$70
	(ADAW29)	700-12	7.00 x 12.00	6	TL	$96
	(ADAW10)	750-16	7.50 x 16.00	6	TT	$92
	(ADAW1)	750-16	7.50 x 16.00	8	TT	$120
	(ADAW11)	750-16	7.50 x 16.00	10	TT	$111
	(ADAW14)	750-18	7.50 x 18.00	6	TT	$102
	(ADAW24)	750-20	7.50 x 20.00	4	TL	$109
	(ADAW15)	750-20	7.50 x 20.00	6	TT	$127
	(ADAW28)	750-24	7.50 x 24.00	6	TL	$190
	(ADAW22)	760-15	7.60 x 15.00	4	TL	$78
	(ADAW23)	760-15	7.60 x 15.00	6	TL	$85
	(ADAW7)	760-15	7.60 x 15.00	6	TT	$86
	(ADAW4)	900-10	9.00 x 10.00	4	TT	$96
	(ADAW12)	900-16	9.00 x 16.00	10	TT	$125
	(ADAW25)	900-24	9.00 x 24.00	6	TL	$225
	(ADAW26)	900-24	9.00 x 24.00	8	TL	$242
	(ADAW16)	900-24	9.00 x 24.00	8	TT	$228
	(ADAW27)	1125-24	11.25 x 24.00	8	TL	$315
	(ADAW17)	1125-24	11.25 x 24.00	8	TT	$312
	(ADAW18)	1125-28	11.25 x 28.00	12	TT	$452
LABORER F-3			*(Life = 5000hrs)*			
	(ADAX6)	800-16	8.00 x 16.00	6	TL	$107
	(ADAX7)	800-16	8.00 x 16.00	10	TL	$129
	(ADAX5)	11L-15	11.00 x 15.00	8	TL	$100

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(ADAX1)	11L-15	11.00 x 15.00	10	TL	$120
	(ADAX8)	11L-16	11.00 x 16.00	8	TL	$152
	(ADAX2)	11L-16	11.00 x 16.00	10	TL	$125
	(ADAX3)	11L-16	11.00 x 16.00	12	TL	$144
	(ADAX4)	145/75-161	14.50 x 16.10	10	TL	$354
SMOOTH			*(Life = 5000 hrs)*			
	(ADBY1)	169-30	16.90 x 30.00	6	TL	$958
ALL SERVICE SUPER SINGLE			*(Life = 5000 hrs)*			
	(ADCA1)	15-195	15.00 x 19.50	14	TL	$499
	(ADCA2)	18-195	18.00 x 19.50	16	TL	$799
INDUSTRIAL TORQUE R-4			*(Life = 5000 hrs)*			
	(ADCC1)	175L-24	17.50 x 24.00	6	TL	$362
	(ADCC7)	175L-24	17.50 x 24.00	8	TL	$380
	(ADCC2)	175L-24	17.50 x 24.00	10	TL	$430
	(ADCC8)	195L-24	19.50 x 24.00	8	TL	$559
	(ADCC3)	195L-24	19.50 x 24.00	10	TL	$594
	(ADCC4)	195L-24	19.50 x 24.00	12	TL	$684
	(ADCC9)	21L-24	21.00 x 24.00	10	TL	$860
	(ADCC5)	21L-24	21.00 x 24.00	12	TL	$918
	(ADCC6)	21L-24	21.00 x 24.00	16	TL	$1,228
	(ADCC10)	21L-28	21.00 x 28.00	10	TL	$961
	(ADCC11)	21L-28	21.00 x 28.00	14	TL	$1,041
DYNA TORQUE II REAR TRACTOR R-1			*(Life = 5000 hrs)*			
	(ADCJ75)	700-12	7.00 x 12.00	4	TL	$103
	(ADCJ74)	700-14	7.00 x 14.00	4	TL	$106
	(ADCJ1)	83-24	8.30 x 24.00	4	TT	$162
	(ADCJ2)	83-24	8.30 x 24.00	6	TT	$170
	(ADCJ3)	95-24	9.50 x 24.00	4	TT	$206
	(ADCJ4)	95-24	9.50 x 24.00	6	TT	$221
	(ADCJ47)	112-16	11.20 x 16.00	4	TL	$167
	(ADCJ5)	112-24	11.20 x 24.00	4	TT	$212
	(ADCJ6)	112-24	11.20 x 24.00	6	TT	$248
	(ADCJ7)	112-24	11.20 x 24.00	8	TT	$271
	(ADCJ17)	112-28	11.20 x 28.00	4	TT	$256
	(ADCJ8)	124-24	12.40 x 24.00	4	TT	$264
	(ADCJ48)	124-24	12.40 x 24.00	6	TL	$305
	(ADCJ49)	124-24	12.40 x 24.00	8	TL	$337
	(ADCJ9)	124-24	12.40 x 24.00	8	TT	$325
	(ADCJ18)	124-28	12.40 x 28.00	4	TT	$283
	(ADCJ32)	124-38	12.40 x 38.00	4	TT	$365
	(ADCJ33)	124-38	12.40 x 38.00	6	TT	$382

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(ADCJ10)	136-24	13.60 x 24.00	4	TT	$297
	(ADCJ11)	136-24	13.60 x 24.00	8	TT	$351
	(ADCJ19)	136-28	13.60 x 28.00	4	TT	$316
	(ADCJ20)	136-28	13.60 x 28.00	6	TT	$342
	(ADCJ58)	136-28	13.60 x 28.00	10	TL	$411
	(ADCJ34)	136-38	13.60 x 38.00	4	TT	$393
	(ADCJ35)	136-38	13.60 x 38.00	6	TT	$407
	(ADCJ12)	149-24	14.90 x 24.00	4	TT	$328
	(ADCJ50)	149-24	14.90 x 24.00	6	TL	$357
	(ADCJ13)	149-24	14.90 x 24.00	6	TT	$349
	(ADCJ51)	149-24	14.90 x 24.00	8	TL	$384
	(ADCJ21)	149-28	14.90 x 28.00	4	TT	$324
	(ADCJ22)	149-28	14.90 x 28.00	6	TT	$358
	(ADCJ36)	155-38	15.50 x 38.00	6	TT	$465
	(ADCJ14)	169-24	16.90 x 24.00	6	TT	$398
	(ADCJ23)	169-28	16.90 x 28.00	6	TT	$415
	(ADCJ24)	169-30	16.90 x 30.00	6	TT	$464
	(ADCJ59)	169-30	16.90 x 30.00	10	TL	$560
	(ADCJ27)	169-34	16.90 x 34.00	6	TT	$544
	(ADCJ68)	169-34	16.90 x 34.00	8	TL	$653
	(ADCJ69)	169-34	16.90 x 34.00	10	TL	$648
	(ADCJ37)	169-38	16.90 x 38.00	6	TT	$572
	(ADCJ38)	169-38	16.90 x 38.00	8	TT	$692
	(ADCJ52)	184-26	18.40 x 26.00	6	TL	$516
	(ADCJ15)	184-26	18.40 x 26.00	6	TT	$502
	(ADCJ16)	184-26	18.40 x 26.00	10	TT	$666
	(ADCJ73)	184-28	18.40 x 28.00	6	TT	$523
	(ADCJ25)	184-30	18.40 x 30.00	6	TT	$562
	(ADCJ60)	184-30	18.40 x 30.00	12	TL	$887
	(ADCJ28)	184-34	18.40 x 34.00	6	TT	$594
	(ADCJ29)	184-34	18.40 x 34.00	8	TT	$619
	(ADCJ39)	184-38	18.40 x 38.00	6	TT	$636
	(ADCJ40)	184-38	18.40 x 38.00	8	TT	$708
	(ADCJ41)	184-38	18.40 x 38.00	10	TT	$1,027
	(ADCJ44)	184-42	18.40 x 42.00	8	TT	$1,059
	(ADCJ45)	184-42	18.40 x 42.00	10	TT	$1,066
	(ADCJ30)	208-34	20.80 x 34.00	8	TT	$864
	(ADCJ42)	208-38	20.80 x 38.00	8	TT	$959
	(ADCJ43)	208-38	20.80 x 38.00	10	TT	$1,028
	(ADCJ72)	208-38	20.80 x 38.00	14	TL	$1,671
	(ADCJ46)	208-42	20.80 x 42.00	10	TT	$1,286
	(ADCJ53)	231-26	23.10 x 26.00	8	TL	$1,102
	(ADCJ54)	231-26	23.10 x 26.00	10	TL	$1,177

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(ADCJ55)	231-26	23.10 x 26.00	12	TL	$1,280
	(ADCJ26)	231-30	23.10 x 30.00	8	TT	$940
	(ADCJ61)	231-30	23.10 x 30.00	10	TL	$1,743
	(ADCJ70)	231-34	23.10 x 34.00	8	TL	$1,528
	(ADCJ31)	234-34	23.10 x 34.00	8	TT	$1,314
	(ADCJ71)	231-34	23.10 x 34.00	10	TL	$1,531
	(ADCJ62)	245-32	24.50 x 32.00	10	TL	$1,374
	(ADCJ63)	245-32	24.50 x 32.00	12	TL	$1,608
	(ADCJ56)	28L-26	28.00 x 26.00	10	TL	$1,433
	(ADCJ57)	28L-26	28.00 x 26.00	12	TL	$1,642
	(ADCJ64)	305L-32	30.50 x 32.00	10	TL	$1,743
	(ADCJ65)	305L-32	30.50 x 32.00	12	TL	$1,915
	(ADCJ66)	305L-32	30.50 x 32.00	14	TL	$2,107
	(ADCJ67)	305L-32	30.50 x 32.00	16	TL	$2,454
SUPER RIB FRONT TRACTOR			*(Life = 5000 hrs)*			
	(ADCK5)	400-12	4.00 x 12.00	4	TL	$47
	(ADCK1)	600-14	6.00 x 14.00	6	TT	$92
	(ADCK2)	750-16	7.50 x 16.00	6	TT	$97
	(ADCK3)	750-16	7.50 x 16.00	8	TT	$101
	(ADCK6)	95L-15	9.50 x 15.00	6	TL	$110
	(ADCK4)	950-20	9.50 x 20.00	8	TT	$199
TIRE GROUP = SPECIALTY/INDUSTRIAL TIRES						
CAMPER-TRAILER TIRES			*(Life = 5000 hrs)*			
	(AEAI2)	480-8	4.80 x 8.00	4	TL	$27
	(AEAI3)	480-8	4.80 x 8.00	6	TL	$34
	(AEAI1)	500-12	5.00 x 12.00	4	TT	$61
XTRA TRACTION MINE & INDUSTRIAL			*(Life = 5000 hrs)*			
	(AEAJ10)	28-9-15	x	12	TT	$273
	(AEAJ6)	570-8	5.70 x 8.00	8	TT	$81
	(AEAJ1)	650-10	6.50 x 10.00	10	TT	$145
	(AEAJ7)	690-9	6.90 x 9.00	10	TT	$131
	(AEAJ2)	700-12	7.00 x 12.00	10	TT	$207
	(AEAJ8)	700-12	7.00 x 12.00	12	TT	$211
	(AEAJ3)	700-15	7.00 x 15.00	12	TT	$195
	(AEAJ4)	750-15	7.50 x 15.00	10	TT	$322
	(AEAJ5)	825-15	8.25 x 15.00	12	TT	$264
	(AEAJ9)	900-10	9.00 x 10.00	16	TT	$571
HARD ROCK LUG MINE & INDUSTRIAL			*(Life = 5000 hrs)*			
	(AEAK1)	900-20	9.00 x 20.00	12	TT	$404
	(AEAK2)	1000-20	10.00 x 20.00	14	TT	$469

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(AEAK3)	1100-15	11.00 x 15.00	16	TT	$682
PRESSED ON INDUST. TIRES XTRA CUSHION SMOOT			*(Life = 5000hrs)*			
	(AEAL18)	13-312-8	x			$62
	(AEAL16)	38629	x			$64
	(AEAL17)	1012-5-5	x			$81
	(AEAL19)	14-412-8	x			$81
	(AEAL20)	1512-6-10	x			$91
	(AEAL21)	16-5-1012	x			$105
	(AEAL28)	21-5-15	x			$108
	(AEAL25)	18-7-14	x			$111
	(AEAL23)	18-5-1218	x			$115
	(AEAL24)	18-6-1218	x			$119
	(AEAL22)	1614-7-1114	x			$124
	(AEAL26)	18-8-14	x			$128
	(AEAL29)	21-6-15	x			$140
	(AEAL27)	18-9-14	x			$142
	(AEAL30)	21-7-15	x			$161
	(AEAL31)	21-8-15	x			$185
	(AEAL32)	22-8-16	x			$203
	(AEAL1)	59-22	x			$52
	(AEAL2)	12-312-8	x			$55
	(AEAL4)	13-45	x			$73
	(AEAL33)	1614-6-1114	x			$100
	(AEAL6)	16-5-1012	x			$101
	(AEAL10)	1625-6	x			$104
	(AEAL9)	1625-5	x			$106
	(AEAL14)	22-6-1734	x			$113
	(AEAL7)	16-6-1012	x			$113
	(AEAL11)	18-7-1218	x			$125
	(AEAL12)	18-8-1218	x			$146
	(AEAL13)	18-9-1218	x			$176
	(AEAL15)	22-9-16	x			$252
	(AEAL3)	22-12-16	x			$420
	(AEAL5)	22-12-16	x			$420
	(AEAL8)	22-16-16	x			$544
INDUSTRIAL TERRA SOF-TRAC			*(Life = 5000hrs)*			
	(AEAM4)	11-400-5	x	2	TL	$20
	(AEAM5)	13-500-6	x	2	TL	$21
	(AEAM7)	15-600-6	x	2	TL	$26
	(AEAM8)	16-650-8	x	2	TL	$32
	(AEAM9)	18-650-8	x	2	TL	$34
	(AEAM10)	20-1000-8	x	2	TL	$51

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(AEAM12)	23-1050-12	x	2	TL	$62
	(AEAM6)	14-600-6	x	4	TL	$38
	(AEAM11)	20-1000-8	x	4	TL	$56
	(AEAM13)	23-1050-12	x	4	TL	$68
	(AEAM14)	26-1200-12	x	4	TL	$82
	(AEAM1)	16-650-8	16.00 x 6.50	4	TL	$37
	(AEAM2)	18-850-8	18.00 x 8.50	2	TL	$35
	(AEAM3)	18-850-8	18.00 x 8.50	4	TL	$39
			(Life = 5000hrs)			
	(AEAN1)	23-850-12	23.00 x 8.50	4	TL	$57
	(AEAN2)	26-1200-12	26.00 x 12.00	4	TL	$82
	(AEAN3)	31-1550-15	31.00 x 15.50	8	TL	$292
COMPACTOR SMOOTH FLAT TREAD			*(Life = 5000hrs)*			
	(AEAY4)	750-15	7.50 x 15.00	6	TL	$160
	(AEAY2)	750-15	7.50 x 15.00	6	TT	$171
	(AEAY3)	750-15	7.50 x 15.00	12	TT	$263
	(AEAY1)	1400-24	14.00 x 24.00	20	TT	$1,352
E-3 HARD ROCK LUG			*(Life = 5000hrs)*			
	(AEBD7)	1800-25	18.00 x 25.00	20	TL	$2,119
	(AEBD11)	2100-35	21.00 x 35.00	28	TL	$4,443
	(AEBD14)	375-51	37.50 x 51.00	44	TL	$13,347
E-3 HARD ROCK LUG 8			*(Life = 5000hrs)*			
	(AEBF1)	2400-49	24.00 x 49.00	36	TL	$7,056
E-3 SUPER HARD ROCK LUG			*(Life = 5000hrs)*			
	(AEBG6)	235-25	23.50 x 25.00	24	TL	$2,277
	(AEBG7)	265-25	26.50 x 25.00	24	TL	$3,710
	(AEBG10)	295-29	29.50 x 29.00	28	TL	$4,004
	(AEBG13)	3325-29	33.25 x 29.00	26	TL	$4,555
	(AEBG14)	3325-35	33.25 x 35.00	32	TL	$5,525
	(AEBG15)	3325-35	33.25 x 35.00	38	TL	$5,951
	(AEBG16)	3350-33	33.50 x 33.00	38	TL	$9,140
	(AEBG17)	375-39	37.50 x 39.00	36	TL	$10,090
	(AEBG18)	375-39	37.50 x 39.00	44	TL	$8,070
E-3 SUPER HARD ROCK LUG 8			*(Life = 5000hrs)*			
	(AEBH1)	295-29	29.50 x 29.00	26	TL	$5,000
E-4 HARD ROCK LUG XTRA-TRED 8			*(Life = 7000hrs)*			
	(AEBJ1)	1600-25	16.00 x 25.00	28	TL	$1,831
	(AEBJ2)	1800-49	18.00 x 49.00	32	TL	$4,135
	(AEBJ3)	2400-35	24.00 x 35.00	42	TL	$5,832

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(AEBJ4)	2400-43	24.00 x 43.00	42	TL	$7,875
	(AEBJ5)	2400-49	24.00 x 49.00	42	TL	$6,989
	(AEBJ6)	2400-49	24.00 x 49.00	44	TL	$8,736
	(AEBJ7)	2700-49	27.00 x 49.00	42	TL	$8,265
	(AEBJ8)	3000-51	30.00 x 51.00	46	TL	$9,841
E-7 EARTHMOVER ALL WEATHER			*(Life = 5000 hrs)*			
	(AEBK1)	1800-25	18.00 x 25.00	40	TT	$2,167
G-3 ROCK GRADER			*(Life = 5000 hrs)*			
	(AEBO1)	1300-24	13.00 x 24.00	8	TL	$454
	(AEBO2)	1300-24	13.00 x 24.00	10	TL	$500
	(AEBO3)	1300-24	13.00 x 24.00	12	TL	$550
	(AEBO4)	1400-24	14.00 x 24.00	10	TL	$577
	(AEBO5)	1400-24	14.00 x 24.00	12	TL	$683
	(AEBO7)	1600-24	16.00 x 24.00	12	TL	$1,217
L-4 SUPER HARD ROCK LUG D&L XT / HRL DL 5A			*(Life = 7000 hrs)*			
	(AEBS2)	3325-35	33.25 x 35.00	26	TL	$9,476
L-4 NYLOSTEEL XTRA TRED D&L B/B			*(Life = 7000 hrs)*			
	(AEBT3)	35/65-33	35.65 x 33.00	30	TL	$8,895
	(AEBT2)	40/65/39	40.65 x 39.00	30	TL	$11,330
	(AEBT4)	45/65-45	45.65 x 45.00	38	TL	$15,210
	(AEBT5)	50/65-51	50.65 x 51.00	54	TL	$26,724
L-4S,5S SMOOTH SUPER XT D&L			*(Life = 7000 hrs)*			
	(AEBW1)	1800-25	18.00 x 25.00	24	TL	$3,534
	(AEBW2)	1800-25	18.00 x 25.00	28	TL	$3,711
	(AEBW3)	2100-25	21.00 x 25.00	32	TL	$5,794
SURE GRIPLOADER SUPER SINGLE			*(Life = 5000 hrs)*			
	(AEBX1)	15-195	15.00 x 19.50	12	TL	$614
LOADER SERVICE			*(Life = 5000 hrs)*			
	(AEBZ1)	570-12	5.70 x 12.00	4	TL	$78
	(AEBZ2)	570-15	5.70 x 15.00	4	TL	$110
	(AEBZ3)	700-15	7.00 x 15.00	6	TL	$130
	(AEBZ4)	825-15	8.25 x 15.00	6	TL	$204
MATERIAL HANDLING -XTRA TRACTION			*(Life = 5000 hrs)*			
	(AECL6)	18-7-8	x	12	TT	$111
	(AECL7)	21-8-9	x	14	TT	$159
	(AECL2)	700L-15	7.00 x 15.00	12	TT	$195
	(AECL1)	750-10	7.50 x 10.00	12	TT	$134
	(AECL3)	750-15	7.50 x 15.00	10	TT	$232

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(AECL4)	750-15	7.50 x 15.00	12	TT	$312
	(AECL5)	825-15	8.25 x 15.00	12	TT	$264
SURE GRIP LUG SUPER SINGLE			*(Life = 5000hrs)*			
	(AECM1)	10-165	10.00 x 16.50	6	TL	$136
	(AECM2)	12-165	12.00 x 16.50	6	TL	$196
	(AECM3)	12-165	12.00 x 16.50	8	TL	$213
	(AECM4)	12-165	12.00 x 16.50	10	TL	$254
	(AECM5)	14-175	14.00 x 17.50	6	TL	$409
	(AECM6)	14-175	14.00 x 17.50	8	TL	$541
	(AECM7)	14-175	14.00 x 17.50	10	TL	$589
	(AECM10)	15-195	15.00 x 19.50	8	TL	$560
	(AECM8)	15-195	15.00 x 19.50	12	TL	$639
	(AECM9)	*15-195	15.00 x 19.50	12	TL	$904
SUPER TERRA GRIP			*(Life = 5000hrs)*			
	(AECW2)	23-850-12	x	2	TL	$49
	(AECW4)	23-1050-12	x	2	TL	$64
	(AECW6)	26-1200-12	x	2	TL	$69
	(AECW9)	27-850-15	x	2	TL	$91
	(AECW1)	16-650-8	x	4	TL	$37
	(AECW3)	23-850-12	x	4	TL	$57
	(AECW5)	23-1050-12	x	4	TL	$73
	(AECW7)	26-1200-12	x	4	TL	$82
	(AECW10)	27-850-15	x	4	TL	$109
	(AECW11)	29-1250-15	x	4	TL	$192
	(AECW13)	31-1550-15	x	4	TL	$248
	(AECW12)	29-1250-15	x	6	TL	$212
	(AECW8)	26-1200-12	x	8	TL	$116
	(AECW14)	31-1550-15	x	8	TL	$333
	(AECW15)	38-2000-161	x	8	TL	$791
SURE GRIP LUG			*(Life = 5000hrs)*			
	(AECY1)	23-850-12	x	4	TL	$91
	(AECY3)	27-850-15	x	4	TL	$121
	(AECY4)	27-850-15	x	6	TL	$136
	(AECY2)	25-1250-15	x	6	TL	$154
	(AECY5)	27-1050-15	x	6	TL	$162
CUSHION-FLAT TREAD TYPE			*(Life = 5000hrs)*			
	(AEDA3)	9-212-6	x		TL	$42
	(AEDA5)	10-3-614	x		TL	$50
	(AEDA1)	812-4-4	x		TL	$50
	(AEDA8)	10-4-612	x		TL	$51
	(AEDA2)	38600	x		TL	$52

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(AEDA4)	10-312-6	x		TL	$54
	(AEDA9)	10-5-612	x		TL	$54
	(AEDA13)	12-312-8	x		TL	$55
	(AEDA17)	15-3-1114	x		TL	$56
	(AEDA14)	39786	x		TL	$58
	(AEDA18)	15-312-1114	x		TL	$60
	(AEDA25)	16-312-1218	x		TL	$62
	(AEDA10)	1012-5-612	x		TL	$63
	(AEDA15)	12-412-8	x		TL	$65
	(AEDA6)	10-6-614	x		TL	$66
	(AEDA26)	16-4-1218	x		TL	$67
	(AEDA16)	14-4-10	x		TL	$67
	(AEDA19)	15-5-1114	x		TL	$69
	(AEDA11)	1012-6-612	x		TL	$71
	(AEDA23)	16-212-1334	x		TL	$71
	(AEDA24)	16-412-12	x		TL	$74
	(AEDA7)	10-7-614	x		TL	$77
	(AEDA20)	15-6-1114	x		TL	$78
	(AEDA31)	20-4-16	x		TL	$78
	(AEDA12)	1012-7-612	x		TL	$79
	(AEDA32)	20-5-16	x		TL	$84
	(AEDA30)	18-5-14	x		TL	$86
	(AEDA27)	17-5-1218	x		TL	$89
	(AEDA36)	22-412-1734	x		TL	$90
	(AEDA21)	15-7-1114	x		TL	$95
	(AEDA33)	20-6-16	x		TL	$100
	(AEDA28)	17-6-1218	x		TL	$103
	(AEDA37)	22-6-1734	x		TL	$113
	(AEDA40)	24-5-20	x		TL	$114
	(AEDA34)	20-7-16	x		TL	$117
	(AEDA29)	17-7-1218	x		TL	$118
	(AEDA38)	22-7-1734	x		TL	$126
	(AEDA22)	15-8-1114	x		TL	$127
	(AEDA35)	20-8-16	x		TL	$141
	(AEDA41)	24-7-20	x		TL	$151
	(AEDA39)	22-8-1734	x		TL	$152
	(AEDA43)	28-7-2312	x		TL	$183
	(AEDA42)	28-7-22	x		TL	$261
TIRE GROUP = MED.HVY COMMERCIAL - OFF ROAD						
E-1 HARD ROCK RIB			*(Life = 5000hrs)*			
	(AFBA3)	1400-25	14.00 x 25.00	20	TL	$825
	(AFBA1)	1600-25	16.00 x 25.00	24	TL	$1,436

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(AFBA4)	1600-25	16.00 x 25.00	32	TL	$1,664
	(AFBA2)	1800-25	18.00 x 25.00	28	TL	$2,258
E-2 EARTHMOVER SURE GRIP			*(Life = 5000hrs)*			
	(AFBB5)	1400-20	14.00 x 20.00	12	TT	$541
	(AFBB3)	1800-25	18.00 x 25.00	12	TL	$1,654
	(AFBB4)	1800-25	18.00 x 25.00	16	TL	$1,736
E-2 SURE GRIP LUG			*(Life = 5000hrs)*			
	(AFBC7)	205-25	20.50 x 25.00	16	TL	$1,436
	(AFBC8)	205-25	20.50 x 25.00	20	TL	$1,507
	(AFBC9)	206-25	20.60 x 25.00	20	TL	$2,679
	(AFBC1)	235-25	23.50 x 25.00	16	TL	$2,176
	(AFBC2)	235-25	23.50 x 25.00	20	TL	$2,286
	(AFBC3)	265-25	26.50 x 25.00	24	TL	$3,266
	(AFBC4)	265-25	26.50 x 25.00	26	TL	$2,648
	(AFBC10)	295-25	29.50 x 25.00	22	TL	$3,840
	(AFBC5)	295-29	29.50 x 29.00	28	TL	$3,481
	(AFBC6)	295-29	29.50 x 29.00	34	TL	$3,746
	(AFBC11)	295-35	29.50 x 35.00	28	TL	$3,828
E-3 HARD ROCK LUG			*(Life = 5000hrs)*			
	(AFBD22)	1200-20	12.00 x 20.00	16	TT	$610
	(AFBD23)	1200-20	12.00 x 20.00	20	TT	$731
	(AFBD14)	1200-24	12.00 x 24.00	16	TT	$702
	(AFBD1)	1400-20	14.00 x 20.00	24	TT	$977
	(AFBD2)	1400-24	14.00 x 24.00	20	TT	$982
	(AFBD3)	1400-24	14.00 x 24.00	24	TT	$1,057
	(AFBD15)	1400-24	14.00 x 24.00	28	TT	$1,278
	(AFBD4)	1400-25	14.00 x 25.00	20	TL	$982
	(AFBD16)	1600-21	16.00 x 21.00	20	TL	$1,415
	(AFBD5)	1600-25	16.00 x 25.00	20	TL	$1,444
	(AFBD6)	1600-25	16.00 x 25.00	24	TL	$1,519
	(AFBD17)	1600-25	16.00 x 25.00	28	TL	$1,594
	(AFBD8)	1800-25	18.00 x 25.00	28	TL	$2,258
	(AFBD18)	1800-25	18.00 x 25.00	32	TL	$2,370
	(AFBD9)	1800-33	18.00 x 33.00	28	TL	$2,591
	(AFBD19)	1800-33	18.00 x 33.00	32	TL	$2,719
	(AFBD10)	2100-25	21.00 x 25.00	32	TL	$3,713
	(AFBD12)	2100-35	21.00 x 35.00	32	TL	$4,726
	(AFBD20)	2100-35	21.00 x 35.00	36	TL	$4,961
	(AFBD21)	2400-35	24.00 x 35.00	30	TL	$6,357
	(AFBD13)	2400-35	24.00 x 35.00	36	TL	$4,710

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
E-3 HARD ROCK LUG 3F			*(Life = 5000hrs)*			
	(AFBE8)	2100-25	21.00 x 25.00	32	TL	$3,652
	(AFBE3)	3325-35	33.25 x 35.00	32	TL	$5,664
	(AFBE4)	3325-35	33.25 x 35.00	38	TL	$6,100
	(AFBE5)	3725-35	37.25 x 35.00	30	TL	$6,721
	(AFBE6)	3725-35	37.25 x 35.00	36	TL	$7,236
	(AFBE1)	375-33	37.50 x 33.00	36	TL	$6,390
	(AFBE2)	375-33	37.50 x 33.00	42	TL	$7,569
	(AFBE7)	375-39	37.50 x 39.00	44	TL	$8,272
	(AFBE9)	375-39	37.50 x 39.00	52	TL	$9,099
E-3 HARD ROCK LUG 8			*(Life = 5000hrs)*			
	(AFBF2)	2400-49	24.00 x 49.00	42	TL	$7,685
	(AFBF3)	2400-49	24.00 x 49.00	48	TL	$6,847
E-3 SUPER HARD ROCK LUG			*(Life = 5000hrs)*			
	(AFBG1)	205-25	20.50 x 25.00	12	TL	$1,366
	(AFBG2)	205-25	20.50 x 25.00	16	TL	$1,436
	(AFBG3)	205-25	20.50 x 25.00	20	TL	$1,507
	(AFBG4)	235-25	23.50 x 25.00	16	TL	$2,176
	(AFBG5)	235-25	23.50 x 25.00	20	TL	$2,286
	(AFBG19)	265-25	26.50 x 25.00	20	TL	$2,828
	(AFBG20)	265-25	26.50 x 25.00	26	TL	$3,044
	(AFBG8)	295-25	29.50 x 25.00	22	TL	$3,492
	(AFBG9)	295-25	29.50 x 25.00	28	TL	$3,758
	(AFBG11)	295-29	29.50 x 29.00	28	TL	$4,004
	(AFBG12)	295-29	29.50 x 29.00	34	TL	$4,309
E-3 SUPER HARD ROCK LUG 8			*(Life = 5000hrs)*			
	(AFBH8)	295-35	29.50 x 35.00	28	TL	$4,403
	(AFBH9)	295-35	29.50 x 35.00	34	TL	$4,739
	(AFBH2)	3325-29	33.25 x 29.00	26	TL	$4,555
	(AFBH10)	3325-35	33.25 x 35.00	32	TL	$5,525
	(AFBH7)	335-33	33.50 x 33.00	32	TL	$5,371
	(AFBH3)	335-33	33.50 x 33.00	44	TL	$8,885
	(AFBH4)	3725-35	37.25 x 35.00	30	TL	$6,554
	(AFBH5)	3725-35	37.25 x 35.00	36	TL	$7,060
	(AFBH6)	375-39	37.50 x 39.00	44	TL	$8,070
	(AFBH11)	375-39	37.50 x 39.00	52	TL	$8,906
	(AFBH12)	375-39	37.50 x 39.00	60	TL	$8,399
	(AFBH13)	375-51	37.50 x 51.00	44	TL	$7,942
E-7 SAND RIB			*(Life = 5000hrs)*			
	(AFBL4)	1600-20	16.00 x 20.00	12	TT	$984

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(AFBL5)	1600-20	16.00 x 20.00	16	TT	$1,080
	(AFBL3)	1800-25	18.00 x 25.00	12	TL	$1,369
	(AFBL1)	1800-25	18.00 x 25.00	16	TL	$1,436
	(AFBL2)	2100-25	21.00 x 25.00	16	TL	$1,850
SURE GRIP-XTRA TRACTION TERRA			*(Life = 5000hrs)*			
	(AFBN2)	1300-24	13.00 x 24.00	12	TL	$514
	(AFBN3)	1400-24	14.00 x 24.00	12	TL	$838
	(AFBN1)	1600-24	18.00 x 24.00	12	TL	$996
G-3 ROCK GRADER			*(Life = 5000hrs)*			
	(AFBO6)	1400-24	14.00 x 24.00	16	TL	$683
	(AFBO8)	1800-24	16.00 x 24.00	16	TL	$1,217
L-2 SURE GRIP LUG XTRA TRED DOZER & LOADER			*(Life = 5000hrs)*			
	(AFBQ6)	235-25	23.50 x 25.00	12	TL	$1,787
	(AFBQ7)	235-25	23.50 x 25.00	16	TL	$1,875
	(AFBQ8)	235-25	23.50 x 25.00	20	TL	$1,966
	(AFBQ9)	265-25	28.50 x 25.00	14	TL	$2,645
	(AFBQ10)	265-25	26.50 x 25.00	20	TL	$2,848
L-3 SUPER HARD ROCK LUG D&L			*(Life = 5000hrs)*			
	(AFBR3)	235-25	23.50 x 25.00	12	TL	$2,076
	(AFBR4)	235-25	23.50 x 25.00	16	TL	$2,176
	(AFBR8)	235-25	23.50 x 25.00	20	TL	$2,286
	(AFBR9)	235-25	23.50 x 25.00	24	TL	$2,168
	(AFBR10)	265-25	26.50 x 25.00	14	TL	$3,848
	(AFBR5)	285-25	26.50 x 25.00	20	TL	$3,277
	(AFBR12)	265-25	26.50 x 25.00	26	TL	$4,459
	(AFBR6)	295-25	29.50 x 25.00	16	TL	$3,716
	(AFBR7)	295-25	29.50 x 25.00	22	TL	$4,001
	(AFBR11)	295-25	29.50 x 25.00	28	TL	$4,308
L-4 SUPER HARD ROCK LUG D&L XT / HRL DL 5A			*(Life = 7000hrs)*			
	(AFBS3)	235-25	23.50 x 25.00	16	TL	$2,476
	(AFBS4)	235-25	23.50 x 25.00	20	TL	$2,599
	(AFBS5)	265-25	28.50 x 25.00	20	TL	$3,738
	(AFBS11)	265-25	26.50 x 25.00	26	TL	$4,108
	(AFBS8)	295-25	29.50 x 25.00	22	TL	$4,601
	(AFBS7)	295-25	29.50 x 25.00	28	TL	$4,953
	(AFBS8)	295-25	29.50 x 25.00	34	TL	$5,335
	(AFBS1)	295-29	29.50 x 29.00	22	TL	$7,384
	(AFBS9)	295-29	29.50 x 29.00	28	TL	$5,190
	(AFBS10)	3325-35	33.25 x 35.00	32	TL	$9,083

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
L-4 NYLOSTEEL XTRA TRED D&L B/B			*(Life = 7000 hrs)*			
	(AFBT1)	3565-33	35.65 x 33.00	24	TL	$6,224
	(AFBT3)	3565-33	35.65 x 33.00	30	TL	$8,946
L-5 SUPER XTRA TRED D&L			*(Life = 7000 hrs)*			
	(AFBU2)	265-25	26.50 x 25.00	20	TL	$4,689
	(AFBU3)	295-25	29.50 x 25.00	22	TL	$5,569
	(AFBU4)	295-29	29.50 x 29.00	22	TL	$5,573
	(AFBU5)	295-29	29.50 x 29.00	28	TL	$6,289
	(AFBU6)	3325-35	33.25 x 35.00	32	TL	$9,066
	(AFBU1)	3725-35	37.25 x 35.00	42	TL	$11,849
	(AFBU7)	375-39	37.50 x 39.00	36	TL	$10,243
	(AFBU8)	375-39	37.50 x 39.00	44	TL	$13,158
L-5 NYLOSTEEL SUPER XTRA TRED D&L B/B			*(Life = 7000 hrs)*			
	(AFBV5)	30/65-29	30.65 x 29.00	24	TL	$5,964
	(AFBV6)	35/65-33	35.65 x 33.00	24	TL	$7,469
	(AFBV2)	35/65-33	35.65 x 33.00	30	TL	$8,895
	(AFBV4)	40/65-39	40.65 x 39.00	30	TL	$11,330
	(AFBV7)	40/65-39	40.65 x 39.00	36	TL	$12,162
	(AFBV8)	4125/70-39	41.25 x 39.00	34	TL	$12,513
	(AFBV1)	45/65-45	45.65 x 45.00	38	TL	$15,210
	(AFBV9)	45/65-45	45.65 x 45.00	38	TL	$15,210
	(AFBV10)	45/65-45	45.65 x 45.00	46	TL	$19,200
	(AFBV3)	50/65-51	50.65 x 51.00	54	TL	$21,088
	(AFBV11)	50/65-51	50.65 x 51.00	62	TL	$26,724
HIGHLANDER			*(Life = 5000 hrs)*			
	(AFCD1)	570-8	5.70 x 8.00	6	TL	$42
HIGHLANDER CT			*(Life = 5000 hrs)*			
	(AFCN6)	480-12	4.80 x 12.00	4	TL	$39
	(AFCN7)	480-12	4.80 x 12.00	6	TL	$47
	(AFCN8)	530-12	5.30 x 12.00	4	TL	$46
	(AFCN9)	530-12	5.30 x 12.00	6	TL	$55
	(AFCN3)	570-8	5.70 x 8.00	4	TL	$40
	(AFCN4)	570-8	5.70 x 8.00	6	TL	$48
	(AFCN1)	570-8	5.70 x 8.00	8	TT	$59
	(AFCN5)	690-9	6.90 x 9.00	6	TL	$60
	(AFCN2)	690-9	6.90 x 9.00	10	TT	$96
E-4 HARD ROCK LUG 4B			*(Life = 7000 hrs)*			
	(AFCO1)	1600-25	16.00 x 25.00	24	TL	$1,389
	(AFCO2)	1600-25	16.00 x 25.00	28	TL	$1,461
	(AFCO3)	1800-25	18.00 x 25.00	28	TL	$2,045

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(AFCO4)	1800-25	18.00 x 25.00	32	TL	$2,694
	(AFCO5)	1800-33	18.00 x 33.00	28	TL	$2,976
	(AFCO6)	1800-33	18.00 x 33.00	32	TL	$3,125
	(AFCO7)	1800-49	18.00 x 49.00	32	TL	$4,135
	(AFCO8)	2100-35	21.00 x 35.00	36	TL	$4,514
	(AFCO13)	2100-49	21.00 x 49.00	36	TL	$4,729
	(AFCO9)	2400-35	24.00 x 35.00	30	TL	$5,010
	(AFCO10)	2400-35	24.00 x 35.00	36	TL	$5,414
	(AFCO11)	2400-35	24.00 x 35.00	42	TL	$5,832
	(AFCO12)	2400-43	24.00 x 43.00	48	TL	$5,797
	(AFCO14)	2400-49	24.00 x 49.00	42	TL	$6,989
	(AFCO15)	2400-49	24.00 x 49.00	48	TL	$7,504
	(AFCO16)	2700-49	27.00 x 49.00	42	TL	$8,265
	(AFCO17)	2700-49	27.00 x 49.00	48	TL	$8,900
	(AFCO18)	3000-51	30.00 x 51.00	46	TL	$9,841
	(AFCO19)	3300-51	33.00 x 51.00	58	TL	$14,195
	(AFCO20)	3600-51	36.00 x 51.00	50	TL	$15,688
	(AFCO21)	3600-51	36.00 x 51.00	58	TL	$16,854
	(AFCO22)	4000-57	40.00 x 57.00	68	TL	$15,214
L-2 SURE GRIP LOADER			*(Life = 5000 hrs)*			
	(AFCP1)	155-25	15.50 x 25.00	8	TL	$523
	(AFCP2)	155-25	15.50 x 25.00	12	TL	$576
	(AFCP3)	175-25	17.50 x 25.00	12	TL	$710
	(AFCP6)	175-25	17.50 x 25.00	16	TL	$779
	(AFCP7)	175-25	17.50 x 25.00	20	TL	$859
	(AFCP4)	205-25	20.50 x 25.00	12	TL	$1,179
	(AFCP5)	205-25	20.50 x 25.00	16	TL	$1,237
	(AFCP8)	22-25	22.00 x 25.00	12	TL	$1,310
L-3 SUPER HARD ROCK LOADER			*(Life = 5000 hrs)*			
	(AFCQ3)	155-25	15.50 x 25.00	12	TL	$597
	(AFCQ4)	175-25	17.50 x 25.00	12	TL	$748
	(AFCQ5)	175-25	17.50 x 25.00	16	TL	$822
	(AFCQ7)	175-25	17.50 x 25.00	20	TL	$1,018
	(AFCQ1)	205-25	20.50 x 25.00	12	TL	$1,354
	(AFCQ2)	205-25	20.50 x 25.00	16	TL	$1,440
	(AFCQ6)	205-25	20.50 x 25.00	20	TL	$1,492
L-3 SUPER HARD ROCK LUG 8 DOZER & LOADER			*(Life = 5000 hrs)*			
	(AFCR1)	335-33	33.50 x 33.00	44	TL	$7,026
L-3 HARD ROCK LUG 3F DOZER/LOADER			*(Life = 5000 hrs)*			
	(AFCS1)	3325-35	33.25 x 35.00	50	TL	$7,048

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
L-5S SUPER SMOOTH XTRA TRED DOZER & LOADER			*(Life = 7000hrs)*			
	(AFCT1)	2100-25	21.00 x 25.00	32	TL	$5,794
	(AFCT2)	265-25	26.50 x 25.00	26	TL	$5,371
	(AFCT3)	295-25	29.50 x 25.00	28	TL	$6,563
L-5 HARD ROCK LUG 5C			*(Life = 7000hrs)*			
	(AFCU3)	235-25	23.50 x 25.00	20	TL	$3,118
	(AFCU4)	265-25	26.50 x 25.00	20	TL	$4,518
	(AFCU5)	295-25	29.50 x 25.00	22	TL	$5,351
	(AFCU1)	295-29	29.50 x 29.00	22	TL	$5,606
	(AFCU2)	295-29	29.50 x 29.00	28	TL	$6,100
G-2 GRADER SURE GRIP			*(Life = 5000hrs)*			
	(AFCV1)	825-20	8.25 x 20.00	6	TT	$193
	(AFCV7)	1200-24	12.00 x 24.00	8	TL	$370
	(AFCV2)	1300-20	13.00 x 20.00	10	TT	$413
	(AFCV8)	1300-24	13.00 x 24.00	8	TL	$399
	(AFCV17)	1300-24 SMOOTH	13.00 x 24.00	10	TL	$404
	(AFCV9)	1300-24	13.00 x 24.00	10	TL	$422
	(AFCV3)	1300-24	13.00 x 24.00	10	TT	$463
	(AFCV10)	1300-24	13.00 x 24.00	12	TL	$465
	(AFCV16)	1300-24	13.00 x 24.00	12	TL	$583
	(AFCV4)	1300-24	13.00 x 24.00	12	TT	$506
	(AFCV11)	1400-24	14.00 x 24.00	10	TL	$487
	(AFCV5)	1400-24	14.00 x 24.00	10	TT	$529
	(AFCV12)	1400-24	14.00 x 24.00	12	TL	$533
	(AFCV6)	1400-24	14.00 x 24.00	12	TT	$575
	(AFCV13)	1400-24	14.00 x 24.00	16	TL	$644
	(AFCV14)	1600-24	16.00 x 24.00	12	TL	$1,063
	(AFCV15)	1600-24	16.00 x 24.00	16	TL	$1,116
TIRE GROUP = BELTS						
BELTS FOR LOADERS			*(Life = 5000hrs)*			
	(AGAZ1)	Belt	24.00 x 50.00	2		$870
	(AGAZ2)	Belt	24.00 x 60.00	2		$1,044
	(AGAZ3)	Belt	24.00 x 70.00	2		$1,218
	(AGAZ4)	Belt	24.00 x 80.00	2		$1,392
	(AGAZ5)	Belt	24.00 x 90.00	2		$1,566
	(AGAZ6)	Belt	24.00 x 100.00	2		$1,740
	(AGAZ7)	Belt	24.00 x 110.00	2		$1,914
	(AGAZ8)	Belt	24.00 x 120.00	2		$2,087
	(AGAZ9)	Belt	24.00 x 130.00	2		$2,261
	(AGAZ10)	Belt	24.00 x 140.00	2		$2,435

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (1)	COST PER EACH
	(AGAZ11)	Belt	24.00 x 150.00	2		$2,609
	(AGAZ12)	Belt	30.00 x 50.00	2		$1,087
	(AGAZ13)	Belt	30.00 x 60.00	2		$1,305
	(AGAZ14)	Belt	30.00 x 70.00	2		$1,522
	(AGAZ15)	Belt	30.00 x 80.00	2		$1,740
	(AGAZ16)	Belt	30.00 x 90.00	2		$1,957
	(AGAZ17)	Belt	30.00 x 100.00	2		$2,175
	(AGAZ18)	Belt	30.00 x 110.00	2		$2,392
	(AGAZ19)	Belt	30.00 x 120.00	2		$2,610
	(AGAZ20)	Belt	30.00 x 130.00	2		$2,827
	(AGAZ21)	Belt	30.00 x 140.00	2		$3,045
	(AGAZ22)	Belt	30.00 x 150.00	2		$3,262
	(AGAZ23)	Belt	36.00 x 50.00	2		$1,538
	(AGAZ24)	Belt	36.00 x 60.00	2		$1,846
	(AGAZ25)	Belt	36.00 x 70.00	2		$2,154
	(AGAZ26)	Belt	36.00 x 80.00	2		$2,461
	(AGAZ27)	Belt	36.00 x 90.00	2		$2,769
	(AGAZ28)	Belt	36.00 x 100.00	2		$3,077
	(AGAZ29)	Belt	36.00 x 110.00	2		$3,384
	(AGAZ30)	Belt	36.00 x 120.00	2		$3,692
	(AGAZ31)	Belt	36.00 x 130.00	2		$3,999
	(AGAZ32)	Belt	36.00 x 140.00	2		$4,307
	(AGAZ33)	Belt	36.00 x 150.00	2		$4,615
	(AGAZ34)	Belt	42.00 x 50.00	2		$1,795
	(AGAZ35)	Belt	42.00 x 60.00	2		$2,154
	(AGAZ36)	Belt	42.00 x 70.00	2		$2,513
	(AGAZ37)	Belt	42.00 x 80.00	2		$2,872
	(AGAZ38)	Belt	42.00 x 90.00	2		$3,232
	(AGAZ39)	Belt	42.00 x 100.00	2		$3,591
	(AGAZ40)	Belt	42.00 x 110.00	2		$3,950
	(AGAZ41)	Belt	42.00 x 120.00	2		$4,309
	(AGAZ42)	Belt	42.00 x 130.00	2		$4,668
	(AGAZ43)	Belt	42.00 x 140.00	2		$5,027
	(AGAZ44)	Belt	42.00 x 150.00	2		$5,386
	(AGAZ45)	Belt	48.00 x 50.00	3		$2,444
	(AGAZ46)	Belt	48.00 x 60.00	3		$2,932
	(AGAZ47)	Belt	48.00 x 70.00	3		$3,421
	(AGAZ48)	Belt	48.00 x 80.00	3		$3,910
	(AGAZ49)	Belt	48.00 x 90.00	3		$4,399
	(AGAZ50)	Belt	48.00 x 100.00	3		$4,887
	(AGAZ51)	Belt	48.00 x 110.00	3		$5,376
	(AGAZ52)	Belt	48.00 x 120.00	3		$5,865
	(AGAZ53)	Belt	48.00 x 130.00	3		$6,354

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

TIRE TYPE	EP CODE	DESCRIPTION	SIZE	PLY	TUBE (I)	COST PER EACH
	(AGAZ54)	Belt	48.00 x 140.00	3		$6,842
	(AGAZ55)	Belt	48.00 x 150.00	3		$7,331
	(AGAZ56)	Belt	60.00 x 50.00	4		$5,227
	(AGAZ57)	Belt	60.00 x 60.00	4		$6,273
	(AGAZ58)	Belt	60.00 x 70.00	4		$7,318
	(AGAZ59)	Belt	60.00 x 80.00	4		$8,364
	(AGAZ60)	Belt	60.00 x 90.00	4		$9,409
	(AGAZ61)	Belt	60.00 x 100.00	4		$10,454
	(AGAZ62)	Belt	60.00 x 110.00	4		$11,500
	(AGAZ63)	Belt	60.00 x 120.00	4		$12,545
	(AGAZ64)	Belt	60.00 x 130.00	4		$13,591
	(AGAZ65)	Belt	60.00 x 140.00	4		$14,636
	(AGAZ66)	Belt	60.00 x 150.00	4		$15,682
TIRE GROUP = PERMAFOAM						
TRUCK OFF HIGHWAY SERVICE			*(Life = 5000 hrs)*			
	(AHDB1)	15-225	15.00 x 23.00		FOAM	$1,438
	(AHDB2)	165-225	16.50 x 23.00		FOAM	$1,607
	(AHDB3)	18-225	18.00 x 23.00		FOAM	$1,922

(This page left blank intentionally.)

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.

Drive Tires: Useful Tire Life = (CF x WPF x GF)
All Other Tires: Useful Tire Life = (CF x WPF)

EXAMPLE *

* Condition Factors, Wheel Position Factors, and Grade Factor are from GMC Terex Guide.

Factors are specifically for a rear dump wagon.

Condition Factors (CF):		**Average**	**Severe**
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	0.90	0.80
CF	***Product of the factors (A x B x C x D x E)***	**0.65**	**0.43**

Wheel Position Factors (WPF):			
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

Grade Factor (GF):			
GF	Grade Factor (Drive Tires Only)	0.85	0.75

(continued next page)

APPENDIX G
TIRE LIFE AND TIRE WEAR FACTORS

SECTION I. TIRE WEAR FACTORS (continued)

EXAMPLE: FINAL TIRE WEAR FACTORS FOR WAGON, REAR DUMP
(See APPENDIX D, Category W15)

	Average	Severe
Front Tire - Average = (CF = .65)(WPF-FT = .90)	0.59	
Front Tire - Severe = (CF = .43)(WPF-FT = .90)		0.39
Drive Tire - Average = (CF = .65)(WPF-DTR = .70)(GF = .85)	0.39	
Drive Tire - Severe = (CF = .43)(WPF-DTR = .70)(GF = .75)		0.22
Trailing Tire - Average = (CF = .65) (WPF-TT = 1.00)	0.65	
Trailing Tire - Severe = (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.

MAXIMUM TIRE LIFE	Hours
Bias Ply Tires - Off highway E4, L4, and L5	7,000
Bias Ply Tires - All other bias tires	5,000
Radial Ply Tires - Off highway RL4	8,300
Radial Ply Tires - All other radial tires	6,000
Conveyor Belts	5,000

APPENDIX H
MANUFACTURER LIST

KEY	MANUFACTURER
AQ	- AQUATICS UNLIMITED
AB	- ALLMAND BROTHERS, INC.
AY	- AVERY FILTER COMPANY
AV	- ALIVA
AT	- ANDERSON TUNNELING
AR	- AMERICAN ROAD MACHINERY
AP	- PECCO (Formerly AMERICAN PECCO)
AO	- ALKOTA CLEANING SYSTEMS, INC.
AN	- ATLANTIC
AM	- AMERICAN CRANE CORPORATION
AL	- ALLENTOWN
AK	- AKERMAN, INC.
AI	- AMIDA INDUSTRIES, INC.
AE	- AEROIL PRODUCTS
AD	- ACKER DRILL CO. INC.
AC	- ACE ENTERPRISES
AS	- ATLAS COPCO
BR	- BROOKVILLE MINING
BI	- BOR-IT
BS	- BALDERSON, INC.
BO	- BOMAG USA
BL	- BLASTRAC
BK	- BLAW-KNOX CONSTRUCTION EQUIPMENT
BE	- INGERSOL-RAND (Formerly BEEBE)
BD	- BRODERSON
BC	- BOCK
BA	- BADGER DIVISION, BADGER CONSTRUCTION EQUIPMENT COMPANY
BB	- BASCO
BU	- BUSH HOG
BG	- BARBER-GREENE COMPANY
CS	- J. I. CASE COMPANY

APPENDIX H
MANUFACTURER LIST

KEY	MANUFACTURER
ES	- ESCO CORP.
EL	- ELLICOTT MACHINE
EI	- EIMCO (EJC)
EX	- EXCEL INDUSTRIES, INC.
FE	- FELKER (Formerly FELKER / DRESSER)
FO	- FORD MOTOR COMPANY
FU	- FURUKAWA
FR	- FERGUSON
FN	- FORD / NEW HOLLAND INC.
FI	- FIATALLIS NORTH AMERICA INC.
FL	- FLETCHER MINING
GF	- GRIFFIN DEWATERING
GR	- GORMAN-RUPP
GO	- GOMACO CORP.
GM	- GMC AND CHEVROLET
GV	- GROVE WORLDWIDE (Includes GROVE & MANLIFT)
GE	- GENSCO
GD	- GARDNER DENVER INDUSTRIAL MACHINERY
GB	- GAR-BRO MANUFACTURING COMPANY
GA	- GRADALL
GL	- GARLOCK
GI	- GALION (Formerly GALION/DRESSER)
HM	- H&M VIBRO, INC
HY	- HYSTER (Lift Trucks) & HYPAC (Compaction Equipment)
HW	- HEWITT-ROBINS
HO	- HOMELITE TEXTRON INC.
HI	- HITACHI
HH	- H&H PUMP & DREDGE
HE	- HENDRIX
HD	- HYDRAULIC POWER SYSTEMS
HA	- HAZCO

Appendix I

FEDERAL COST-OF-MONEY RATE

(Renegotiation or Prompt Payment Rate)

EFFECTIVE MONTHS	EFFECTIVE DATE	RATE
JULY - DECEMBER	7/1/80	10.500%
JANUARY - JUNE	1/1/81	14.675%
JULY - DECEMBER	7/1/81	14.875%
JANUARY - JUNE	1/1/82	14.750%
JULY - DECEMBER	7/1/82	15.500%
JANUARY - JUNE	1/1/83	11.250%
JULY - DECEMBER	7/1/83	11.500%
JANUARY - JUNE	1/1/84	12.375%
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%

(This page left blank intentionally.)

APPENDIX J
EQUIPMENT ACCESSORIES

In addition to features required for safety, the following accessories 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.

C85.10 CRANES, DRAGLINE & CLAMSHELL
CRAWLER MOUNTED

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

C85.20 CRANES, LIFTING,
CRAWLER MOUNTED

Power load lowering
Independent swing and travel
Third drum
Torque converter (machines 25 tons or larger)
One-half maximum boom length
(machines larger than 60 tons)
Maximum boom length
(machines larger than 60 tons)
Counterweight

C90.01 TRUCK CRANES - LESS THAN 25 TONS

Power load loading
Third drum
Mechanical outriggers with screw jacks
Maximum boom length
Counterweight

APPENDIX J
EQUIPMENT ACCESSORIES

C90.02 **C90.03** **C90.04**	TRUCK CRANE - 25 TONS & LARGER
	Power load loading Third drum Hydraulic outriggers with screw jacks Torque converter when available (upper only) Diesel engines Maximum boom length Counterweight
G15	GRADER
	Enclosed operator cab Scarifier Front wheel lean Power circle Hydraulic shift and tilt moldboard End bits Alternator (heavy-duty) and lights Tool kit
H25	EXCAVATORS, HYDRAULIC CRAWLER MOUNTED
	Backhoe bucket (standard) Backhoe stick (medium length) Backhoe boom (one piece) Backhoe bucket linkage (includes cylinder) Guards Counterweight Alternator (heavy-duty) and lights Tool kit
H35	HYDRAULIC SHOVELS - CRAWLER MOUNTED
	Power load lowering Torque converter (machines 1-1/2 CY or larger) Counterweight

APPENDIX H
MANUFACTURER LIST

KEY	MANUFACTURER
MZ	- MARINE INLAND FABRICATERS
MX	- MAXON INDUSTRIES
MU	- AMIDA-WHITEMAN (Formerly MULTIQUIP)
MT	- MACK TRUCKS
MS	- MASTER
MR	- MOBILE DRILL
MO	- MORGEN
MI	- MITSUBISHI
ME	- MELROE / BOBCAT
MD	- MDI/YUTANI
MC	- MICHIGAN / VOLVO (Formerly MICHIGAN / VME)
MB	- M-B
MA	- MANITOWOC
ML	- MARLOW / ITT
MK	- MKT MANUFACTURING INC. (Formerly MKT GEOTECHNICAL)
NL	- NLB CORP
NO	- NORTHWEST
NP	- NPK CONSTRUCTION EQUIPMENT
ON	- ONAN
PW	- POWERSCREEN
PR	- PERRIN
PO	- PROGRESSIVE DEVELOPMENT INC.
PM	- PULLMASTER
PI	- PIQUA ENGINEERING
PE	- PETERBILT
PH	- PPM / P&H (Formerly P & H / HARNISCHFEGER)
RE	- REACH ALL
RO	- LETOURNEAU (Formerly ROBBINS)
RS	- ROSCO
RC	- ROSS COMPANY
RA	- READ SCREEN-ALL

APPENDIX H
MANUFACTURER LIST

KEY	MANUFACTURER
WL	- WALKER MANUFACTURING
WR	- WARNER FRUEHAUF
XX	- NO SPECIFIC MANUFACTURER

APPENDIX J
EQUIPMENT ACCESSORIES

L30 LOADERS, BELT

Power unit
Head pully clutch and backstop
Belt cleaner and belt installing equipment
King pin attachment

L35
L40 LOADERS, 1-1/2 CY AND LARGER

Reversible fan blade
Guard, power train
Automatic bucket positioner
Counterweight
Rock buckets (machines 4 CY or larger)
Alternator (heavy-duty) and lights
Tool kit

S10
S15
S20 SCRAPERS

Control single lever
Reversible fan blade
Flood light
Alternator (heavy-duty) and lights
Guards, power train
Tool kit

T15 TRACTOR, CRAWLER (DOZER)

Hydraulic controls for ripper and blade
Guards
Reversible fan blade
Alternator (heavy-duty) and lights
Hook, front pull
Track grousers
(severe service for units over 200 hp)
Blades include counterweights where required

APPENDIX J
EQUIPMENT ACCESSORIES

T20 TRACTOR, WHEEL (DOZER)

Hydraulic controls for ripper and blade
Guards
Reversible fan blade
Alternator (heavy-duty) and lights
Blades
Counterweight
Tool Kit

T55 TRUCKS, OFF-HIGHWAY

No spin differential
Tacograph
Engine and transmision guards
Body liners
Tool kit

INDEX

CAT	DESCRIPTION	PAGE
A10	AGGREGATE/CHIP SPREADERS	2 - 18
A15	AIR COMPRESSORS, PORTABLE	2 - 18
A20	AIR HOSE, TOOLS & EQUIPMENT	2 - 19
A25	ASPHALT DISTRIBUTORS	2 - 21
A30	ASPHALT FINISHERS/PAVERS	2 - 22
A35	ASPHALT KETTLES	2 - 23
A40	ASPHALT & CONC. MILLERS/PROFILERS/PLANERS	2 - 24
A45	ASPHALT RECYCLERS & SEALERS	2 - 24
B00	BACKHOE (SEE HYDRAULIC EXCAV. & LOADER W/ BH)	2 -
B10	BATCH PLANTS, ASPHALT & CONCRETE	2 - 25
B15	BROOMS, STREET SWEEPERS & FLUSHERS	2 - 35
B20	BRUSH CHIPPERS	2 - 35
B25	BUCKETS, CLAMSHELL	2 - 36
B30	BUCKETS, CONCRETE	2 - 38
B35	BUCKETS, DRAGLINE	2 - 40
C05	CHAIN SAWS	2 - 42
C10	COMPACTORS, MANUALLY OPERATED	2 - 42
C15	CONCRETE BLASTERS	2 - 44
C20	CONCRETE BUGGIES	2 - 44
C25	CONCRETE FINISHERS	2 - 45
C35	CONCRETE GUNITERS / SHOTCRETERS	2 - 45
C40	CONCRETE / WASTE MIXERS	2 - 46
C45	CONCRETE PAVING MACHINES	2 - 47
C55	CONCRETE PUMPS	2 - 48
C60	CONCRETE SAWS	2 - 49
C65	CONCRETE VIBRATORS	2 - 50
C75	CRANES, HYDRAULIC, SELF-PROPELLED	2 - 50
C80	CRANES, HYDRAULIC, TRUCK MOUNTED	2 - 52

INDEX

CAT	DESCRIPTION	PAGE
C85	CRANES, MECHANICAL, CRAWLER MOUNTED	2 - 54
C90	CRANES, MECHANICAL, TRUCK MOUNTED	2 - 59
C95	CRANES, TOWER	2 - 60
D10	DRILLS, AIR TRACK, CRAWLER MOUNTED	2 - 63
D15	DRILLS, BORING MACHINES	2 - 64
D20	DRILLS, CORE, COLUMN MOUNTED	2 - 64
D25	DRILLS, CORE, SKID MOUNTED	2 - 65
D30	DRILLS, EARTH/AUGER	2 - 66
D35	DRILLS, ROTARY BLAST HOLE	2 - 67
F10	FORK LIFTS	2 - 67
G10	GENERATOR SETS	2 - 69
G15	GRADERS, MOTOR	2 - 70
H10	HAMMERS, HYDRAULIC (DEMOLITION TOOL)	2 - 72
H13	HAZARD/TOXIC WASTE EQUIPMENT	2 - 74
H20	HOIST	2 - 81
H25	HYDRAULIC EXCAVATORS, CRAWLER MOUNTED	2 - 81
H30	HYDRAULIC EXCAVATORS, WHEEL MTD	2 - 92
H35	HYDRAULIC SHOVELS, CRAWLER MOUNTED	2 - 93
L10	LAND CLEARING EQUIPMENT	2 - 94
L15	LAWN MOWERS	2 - 95
L20	LIGHTING SETS, TRAILER MOUNTED	2 - 96
L25	LINE STRIPING EQUIPMENT	2 - 97
L30	LOADERS, BELT (CONVEYOR BELTS)	2 - 97
L35	LOADERS, FRONT END, CRAWLER TYPE	2 - 99
L40	LOADERS, FRONT END, WHEEL TYPE	2 - 101
L45	LOADERS WITH BACKHOE, CRAWLER TYPE	2 - 107
L50	LOADERS WITH BACKHOE, WHEEL TYPE	2 - 108
L55	LOADER/BACKHOE, ATTACHMENTS	2 - 109

INDEX

CAT	DESCRIPTION	PAGE
L60	LOG SKIDDERS	2 - 109
M10	MARINE EQUIPMENT	2 - 110
P10	PILE EXTRACTORS & LEADS	2 - 118
P20	PILE HAMMERS, DOUBLE ACTING	2 - 119
P25	PILE HAMMERS, SINGLE ACTING	2 - 120
P30	PILE HAMMERS, VIBRATORY	2 - 121
P35	PIPELAYERS	2 - 121
P40	PLATFORMS, AERIAL WORK	2 - 122
P45	PUMPS, GROUT	2 - 122
P50	PUMPS, WATER, CENTRIFUGAL, TRASH	2 - 123
P55	PUMPS, WATER, SUBMERSIBLE	2 - 123
P60	PUMPS, WATER, CENTRIF., DEWATERING	2 - 124
P65	PUMPS, WATER, DIAPHRAGM	2 - 125
P70	PUMPS, WATER (FOR CORE DRILLS)	2 - 125
R10	RIPPERS & HYDRAULIC BANK SLOPERS	2 - 125
R30	ROLLERS, STATIC, SELF-PROPELLED	2 - 126
R45	ROLLERS, VIBRATORY, DOUBLE DRUM	2 - 129
R50	ROLLERS, VIBRATORY, SINGLE DRUM	2 - 130
R55	ROOFING EQUIPMENT	2 - 132
S10	SCRAPERS, ELEVATING	2 - 133
S15	SCRAPERS, CONVENTIONAL	2 - 134
S20	SCRAPERS, TANDEM POWERED	2 - 134
S25	SCRAPERS, TRACTOR DRAWN	2 - 135
S30	SCREENING & CRUSHING PLANTS	2 - 135
S35	SNOW REMOVAL EQUIPMENT	2 - 141
S40	SOIL & ROAD STABILIZERS	2 - 142
S45	SPLITTERS, ROCK & CONCRETE	2 - 142
T10	TRACTOR BLADES & ATTACHMENTS	2 - 142

INDEX

CAT	DESCRIPTION	PAGE
T15	TRACTORS, CRAWLER (DOZER)	2 - 145
T20	TRACTORS, WHEEL TYPE (DOZER)	2 - 148
T25	TRACTORS, WHEEL TYPE (FARM)	2 - 148
T30	TRENCHERS, CHAIN	2 - 148
T35	TRENCHERS, WHEEL TYPE	2 - 150
T40	TRUCK OPTIONS, (ADD TRUCK)	2 - 151
T45	TRUCK TRAILERS	2 - 153
T50	TRUCKS, HIGHWAY	2 - 156
T55	TRUCKS, OFF-HIGHWAY	2 - 160
T57	TRUCKS, VACUUM	2 - 162
T60	TRUCKS, WATER, OFF-HIGHWAY	2 - 162
T65	TUNNEL/MINING EQUIPMENT	2 - 163
W10	WAGONS, BOTTOM DUMP	2 - 170
W15	WAGONS, REAR DUMP	2 - 170
W25	WATER & CO2 BLASTERS	2 - 170
W35	WELDERS	2 - 172

*U.S. Government Printing Office: 1995 — 398-505