

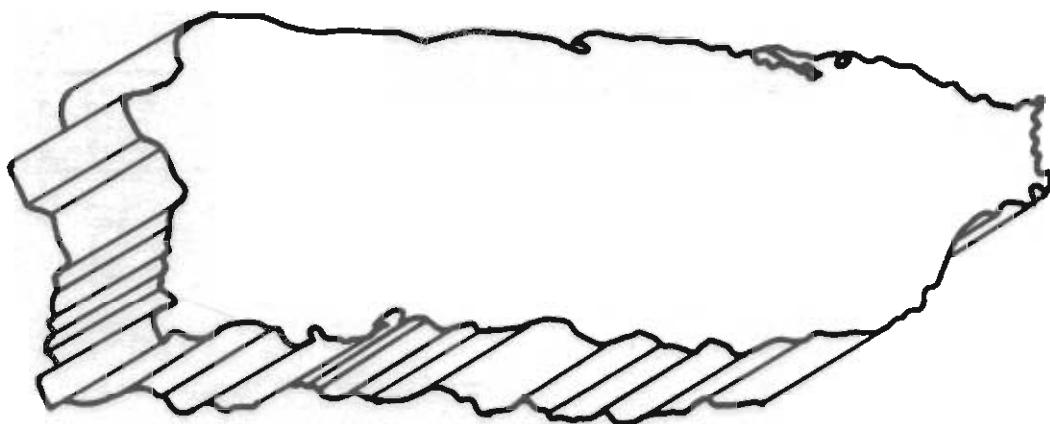


US Army Corps
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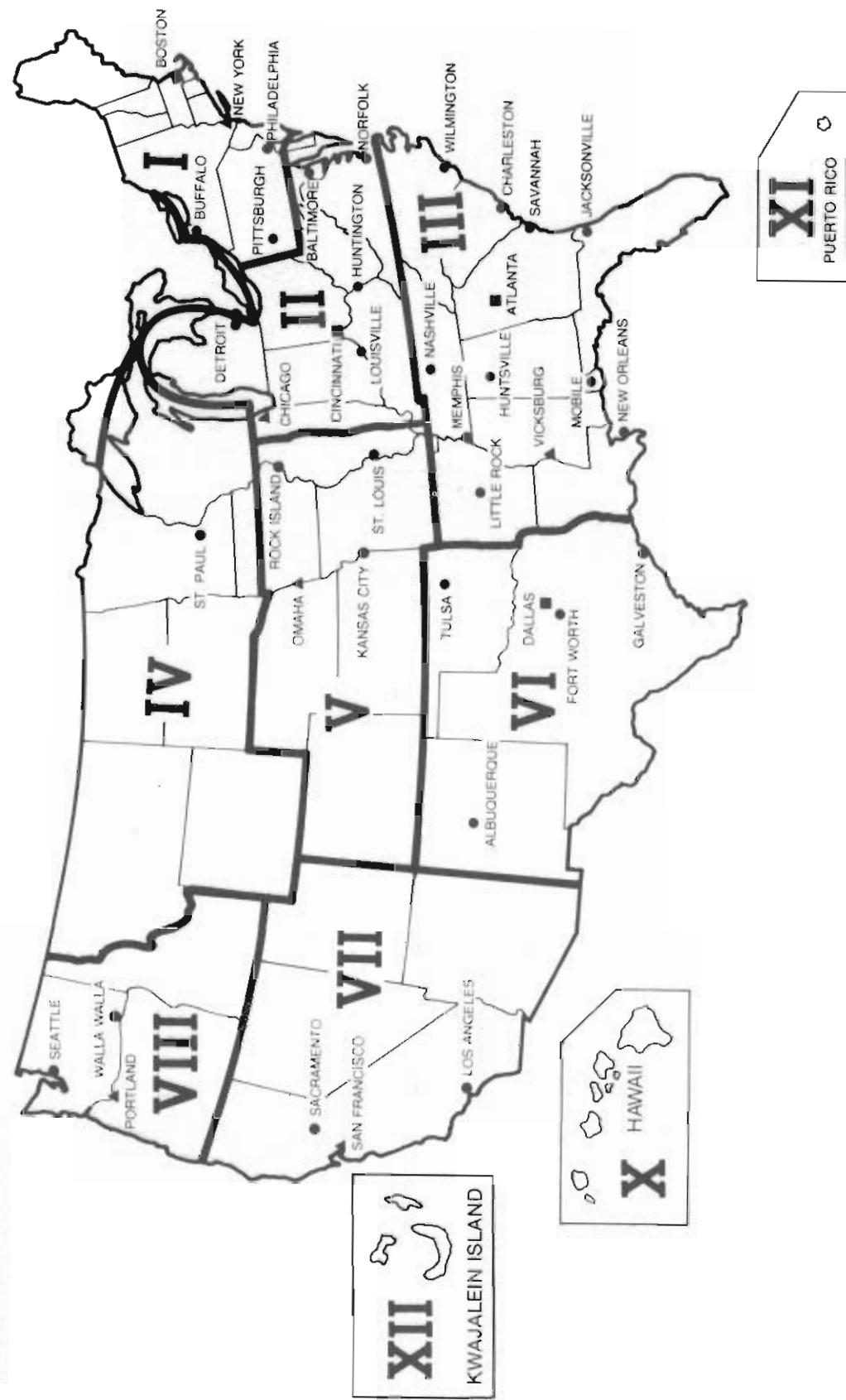
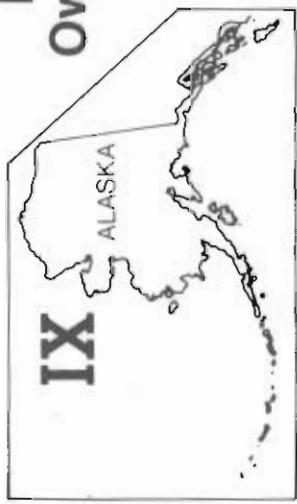
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Construction Equipment Ownership and Operating Expense Schedule

Region XI



Regions for the Construction Equipment Ownership and Operating Expense Schedule



CECW-LC

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Engineering and Design
CONSTRUCTION EQUIPMENT OWNERSHIP
AND OPERATING EXPENSE SCHEDULE

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CHAPTER 1

INTRODUCTION

1-1. Purpose. This pamphlet establishes predetermined equipment ownership and operating expense rates for use in preparation of estimates and in pricing negotiated procurements requiring independent government estimates (see Federal Acquisition Regulations 31.105).

1-2. Applicability. This pamphlet applies to HQUSACE/OCE elements, major subordinate commands, districts, laboratories, and field operating activities (FOA) in Region XI, which includes the following commonwealth:

Puerto Rico

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

1-4. General. The rates and percentages shown in this pamphlet are based on equipment in sound workable condition owned or controlled and furnished by a contractor or subcontractor. These rates and percentages do not include allowances for operating labor, mobilization or demobilization costs, office or general and administrative (G&A) overhead, or profit, and do not represent rental charges for those in the business of renting equipment. The rates included in this pamphlet are based on construction equipment purchased new on 1 July 1989. Ownership percentages and operating costs factors for marine equipment, together with this methodology, can be used to develop marine equipment rates.

1-5. Use. This pamphlet shall be used as the basis for estimating equipment costs on those contracts which require an independent government estimate. These include all construction contracts and all negotiated procurements. This pamphlet shall also be used in pricing of contract modifications when:

a. Cost or pricing data as defined in FAR 15.8 is not required.

b. Cost or pricing data is required and actual cost data to support either ownership or operating costs for equipment or equipment groups of similar serial and series is not available.

c. 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 Federal Acquisition Regulations (FAR).

1-6. How to Obtain This Publication. Copies of Volumes 1 through 11 of this pamphlet are available only through the U.S. Government Printing Office or their government bookstores. For additional information phone (202)783-3238 or write to the following address:

Superintendent of Documents
U.S. Government Printing Office
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CHAPTER 2

METHODOLOGY

2-1. General. This pamphlet provides hourly use rates for construction equipment and annual ownership percentages and operating cost factors for marine plant and equipment. The methodology used to compute the hourly use rates for construction equipment is provided in paragraph 2-2.

2-2. Construction Equipment.

a. General. The total hourly rates include all costs of owning and operating equipment except: (1) operating labor; (2) mobilization and demobilization; (3) office or G&A overhead expenses; (4) replacement cost escalation; (5) investment tax credit; (6) contingency allowance; (7) profit; and (8) other elements of cost listed in paragraph 2-2c(3). The ownership portion of the rate consists of allowances for depreciation and cost of facilities capital. Operating costs include allowances for: fuel; filters, oil, and grease (FOG); servicing the equipment; repair and maintenance; tire wear; and tire repair. Area factors used to compute the hourly equipment ownership and operating expenses are provided in APPENDIX B, Area Factors.

b. Operating Conditions.

(1) Equipment rates have been computed for both "Average" and "Severe" working conditions in accordance with APPENDIX C, Guide for Selecting Operation Conditions. "Difficult" conditions are the arithmetic mean of "Average" and "Severe" rates. Where only the "Average" rate is shown, the one rate will apply for all conditions.

(2) Average, difficult, or severe conditions, in accordance with contract specifications, are determined by the contracting officer on the basis of supporting evidence and in general accordance with the "guide" in APPENDIX C. Difficult conditions are those lying midway between average and severe. Evaluation of operating conditions for equipment not listed in APPENDIX C will be consistent with the examples shown in the "guide."

(3) Equipment rates shown for the average condition are included in both TABLE 3-1 and TABLE 3-5. All elements of cost are detailed only in TABLE 3-5, and only this table contains the severe condition rates. The working condition of the equipment relates to the average and severe factors detailed in APPENDIX D, Equipment Hourly Expense Calculation Factors, under the column "C" (condition), where "A" equals average and "S" equals severe.

c. Ownership Costs. The ownership portion of the rate consists of allowances for depreciation and cost of facilities capital and is computed from a predetermined "equipment cost." "Equipment cost" is based on the total catalog list price for the equipment, including accessories normally purchased, and required safety features. A 7.5 percent discount is taken for all equipment except highway trucks which are discounted 15.0 percent. The identification of the discount is shown in APPENDIX D under column "DC" (Discount Code), where "B" equals the basic discount of 7.50 percent and "S" equals the special discount of 15.0 percent. Estimated allowances for freight and sales or import tax are added to the discounted price to arrive at the predetermined "equipment cost." This amount is indicated in TABLE 3-1 as the "VALUE".

(1) Depreciation.

(a) Depreciation was computed using the straight-line method. The hourly rate was determined by dividing the "Depreciation Value" ("equipment cost" less tire cost and estimated salvage) by the expected normal life of the equipment in hours.

(b) Salvage value for the used equipment was determined from the "Handbook of New and Used Construction Equipment Values" (Green Guide) and advertisements of used equipment for sale displayed in current engineering and construction magazines. The salvage value percentages used for each type of equipment are listed in APPENDIX D (column "SLV") as a percent of the "equipment cost" and are equal for both "Average Condition" and "Severe Condition." The percentages are adjusted by the economic adjustment factor (EAF) to bring the salvage value up to current price levels. The economic index codes shown in APPENDIX D under column "EK" (Economic Key) relate to the economic key number shown in APPENDIX E, Economic Indexes for Construction Equipment. The EAF factor is obtained from APPENDIX E, Economic Indexes for Construction Equipment, and is equal to the economic index for the present year divided by the economic index for the year the equipment was manufactured. The ownership costs shown in TABLE 3-1 represent the hourly costs for new equipment manufactured and purchased in 1989.

(c) Tire cost was considered to be an operating expense and was subtracted from the "equipment cost" before computing depreciation. The tire cost is that cost at the time the equipment was manufactured. This cost was obtained by multiplying current tire prices by the appropriate tire indexes (year of manufacture divided by present year) which are listed in APPENDIX E. Current tire prices are provided in APPENDIX F, Tire Description and Tire Cost, for information only.

(d) The expected normal life of the equipment was established from manufacturers' or equipment associations' recommendations. The expected normal life in hours is given in APPENDIX D, (Column "LIFE").

(e) Annual average operating hours have been established for equipment operation within the region covered by this pamphlet. Average hours of use per year were determined by reducing the maximum available hours (40 hours per week, 52 weeks per year) to allow for lost time due to weather, employee's holidays, equipment maintenance and repairs, mobilization and demobilization, and miscellaneous down time. The hours of use per year shown in APPENDIX B is equivalent to one year's life for a single shift operation.

(2) Cost of Facilities Capital (CFC).

(a) The Cost of Facilities Capital (CFC), as defined in FAR 31.205-10 and CAS 414, is included in the use rates. This cost was computed by multiplying the cost-of-money rate (8.375%) 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 discounted to 6.70% to avoid duplication when applying markups for overhead and profit (assumed to be 25.0%). 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.

$$\text{CFC/hr} = \frac{[(N-1)(1+S)+2]}{2N} \frac{(\text{Equipment Cost})}{(\text{Work Hrs per Year})} (6.70\%)$$

Where: N = Number of years in depreciation period
S = Salvage Value Factor

(b) The salvage value factor is determined by multiplying the salvage value (expressed as a decimal in APPENDIX D) times the economic adjustment factor as explained in paragraph 2-2c(1)(b).

(3) Other Elements of Cost. License fees, property taxes, storage, and insurance costs are considered indirect costs and are not included in the hourly use rates. Also job-site security, inspection fees, record-keeping, mechanic's training, and highway permits are excluded from the total hourly rate for each piece of equipment. All of these cost elements are normally allowable; and, if the contractor allocates them directly to a particular piece of equipment, an allowance for those costs may be made.

d. Operating Cost.

(1) General. The total operating cost is the sum of the costs for fuel, FOG (filters, oil, and grease), servicing the equipment, repairs and maintenance (including major overhauls), tire wear, and tire repair.

(2) Fuel Consumption Cost.

(a) The fuel consumption in gallons per bhp-hour is listed in APPENDIX D for both "Average" and "Severe" conditions. The fuel consumption rate for "Severe Conditions" is 30 percent greater than the "Average Conditions" rate. Fuel consumption is computed by using the following formula:

$$\text{Fuel consumption(gal/hr)} = \frac{\text{bhp} \times \text{hp Factor} \times \text{Lbs Fuel per bhp-hr}}{\text{Wt of Fuel per Gallon}}$$

where:

- Bhp as used is the net brake hp of the engine at the flywheel under the following conditions: (a) at sea level; and (b) at full-load governed speed with engine fully equipped with generator, fan, air cleaner, and other regular equipment.

- Gasoline consumption = 0.62 lbs per bhp-hr
- Diesel consumption = 0.39 lbs per bhp-hr
- Gasoline weight = 6.0 lbs per gallon
- Diesel weight = 7.0 lbs per gallon

(b) Electricity consumption = hp factor x 1 kW per electric hp hour. This assumes that an electric motor uses 1 kW/hp considering all inefficiencies.

(c) 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 horsepower factor used in the fuel and electricity consumption formulas represents the average percent of full rated horsepower being utilized by the engine. The "HPF" (horsepower factor) column is shown in APPENDIX D and is expressed as a whole percent. The fuel consumption factors shown in APPENDIX D under columns "Fuel Factor Equipment" and "Fuel Factor Carrier" are computed to include the "HPF", which is shown for information only.

(d) APPENDIX B lists both the gasoline and diesel fuel cost per gallon and the electricity cost per kilowatt hour. 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.

(e) The estimated hourly fuel costs for average conditions are shown in TABLE 3-1. Hourly fuel costs will be adjusted in the event the averaged (weighted) fuel prices (f.o.b. jobsite) vary by more than 10 percent above or below the price assumed 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 will be required to furnish copies of all fuel supply contracts and invoices to the government. Request for upward adjustment in the rates will be considered only where fuel is to be supplied by recognized distributors. In no event shall the allowance for the hourly FOG costs be adjusted in conjunction with any fuel price revisions.

(3) Filters, Oil, and Grease Costs (FOG). FOG costs are computed as a percentage of the hourly fuel costs (see APPENDIX D) under the column "FOG". Allowances for FOG are expressed in decimal format under each fuel type heading: E (electricity), G (gas), and D (diesel). If the equipment has no engine, a reasonable hourly cost has been included. The cost of wages, fringe benefits, service trucks, and other equipment costs for fueling, greasing, and servicing are included. Material costs for filters, oil, and grease include an allowance for all taxes. The FOG allowance for cranes, draglines, hydraulic excavators, and shovels (except Category Numbers C75, C80.01, C85.11, C85.12, C85.21, C90.01, H25.11, H25.12, H30.01, and H30.02) has been reduced to allow for servicing normally performed by the oiler assigned separately to the piece of equipment (and costed elsewhere).

(4) Maintenance and Repair Costs.

(a) The cost of maintenance and repairs includes allowances for equipment repairs and major overhauls (including undercarriage wear) incurred in either the field or the shop. The basic hourly costs are computed as follows:

$$\text{Repairs/hr} = \frac{(\text{Equipment Cost} - \text{Tire Cost}) \times \text{Repairs Factor \%}}{\text{Life in Hours}}$$

Tire wear and tire repair are normally not considered to be a repair cost and are treated separately. The tire cost is the cost of the tires when the equipment was purchased new. The maintenance and repair cost percentages are given in APPENDIX D (column "RPR") and compensate for the following cost elements:

- Mechanic's labor including base wages, fringe benefits, supervision, and all other costs for labor associated with craft workers engaged in the direct repair and maintenance of equipment.

- Repair parts and supplies required for maintenance and overhauls complete with all applicable sales taxes and freight charges.

- Service trucks and other equipment utilized during repair and maintenance operations, including tools.

- Supporting facilities, such as field and main repair shops (complete with parts and supplies inventory), shop overhead, as well as an allowance for outside specialty services, are included.

(b) The basic hourly rate for maintenance and repairs is adjusted by two multiplying factors so that actual costs (EAF) and site conditions (LAF) are considered.

- Economic Adjustment Factor. The economic adjustment factor (EAF) is used to adjust the basic hourly rate to current price levels. The indexes in APPENDIX E are used to develop this factor which is equal to the economic index for present year divided by the economic index for the year the piece of equipment was purchased new.

- Labor Adjustment Factor. The labor adjustment factor (LAF) is used to adjust the repairs percentage (RPR) to account for geographic variations in labor and parts costs. The factor for the region covered by this pamphlet is given in APPENDIX B.

(5) Hourly Tire Cost.

(a) Tires included on rubber-tired equipment are the bias ply tires suggested as standard equipment by the equipment manufacturers.

(b) The hourly tire 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. It has been determined that a recap costs approximately 50 percent of the new tire cost and that the life of a new tire plus recapping will equal approximately 1.8 times the useful life of a new tire. The current tire costs are shown for information in APPENDIX F.

(c) The useful tire life was determined from the method and tables in "Production and Cost Estimating of Material Movement with Earthmoving Equipment" prepared by Terex Division of Gen-

eral Motors. The maximum tire life, however, is estimated in APPENDIX G, Tire Life and Tire Wear Factors. A sample computation of the tire wear factors for off-highway haul units is given in APPENDIX G.

(d) The tire wear factor for front tires for belt loaders shown in APPENDIX D is used to provide an hourly allowance for belt wear of the conveyor belt.

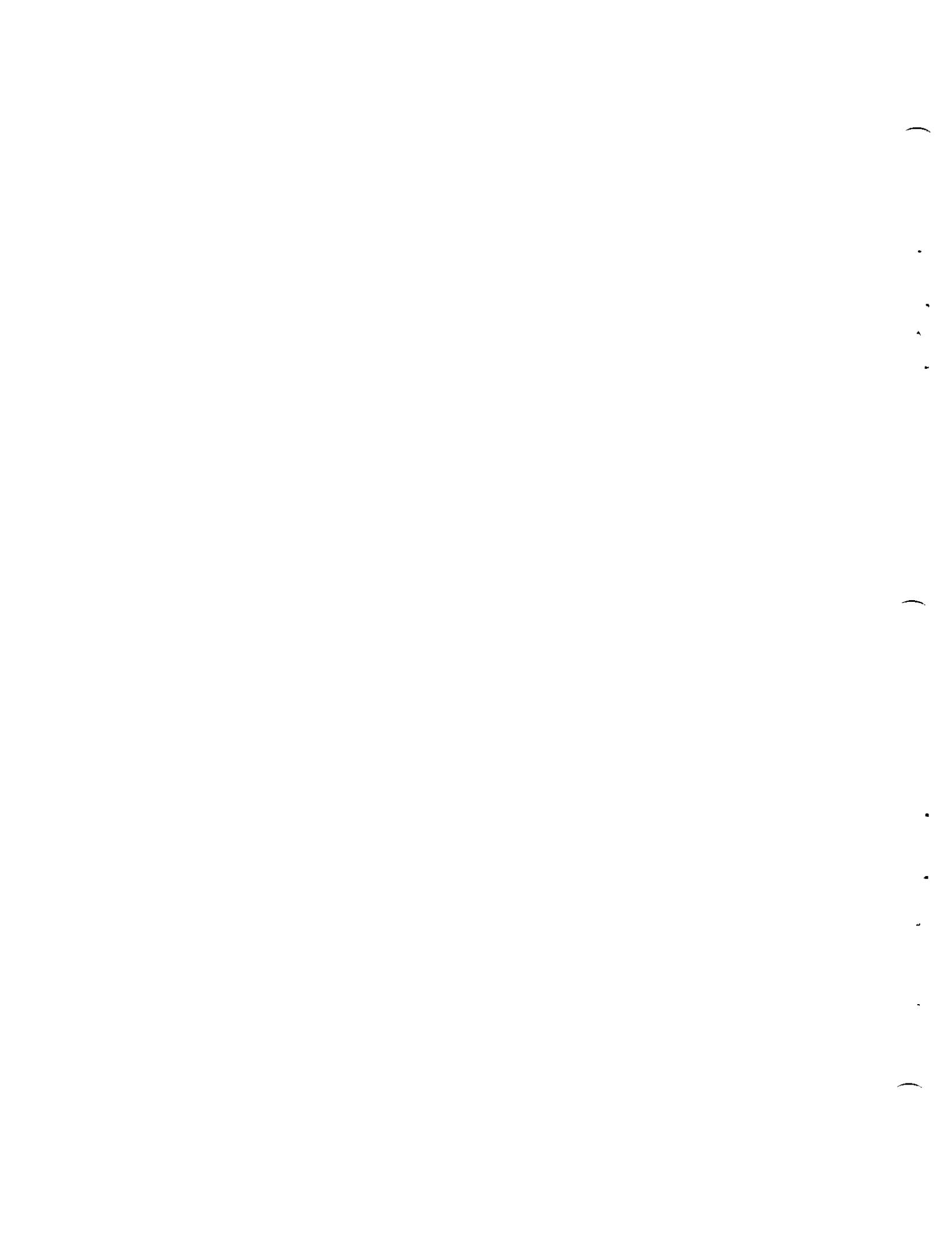
(6) Tire Repair Costs. Tire repairs are computed as 15 percent of the hourly tire wear cost.

e. Standby. The standby rate is computed from the average condition rates by allowing the full CFC hourly cost plus one-half of the hourly depreciation. Paid standby will not exceed 40 hours per week (7 calendar days) per piece of equipment. Likewise, standby will not be allowed during periods when the equipment would have otherwise been in idle status or down for repairs. Actual operating time during a week will be credited against the 40 hours maximum standby allowance. If the equipment is overage (the year of manufacture exceeds the last factor given in TABLE 3-3) the computation for hourly standby shall be performed using the actual purchase price and the actual age, if they are known. Computations performed to calculate standby on overage equipment will use the actual life in hours, the working hours per year from APPENDIX B, and the cost-of-money rate for the period in which the equipment was on standby. When the equipment purchased is used, standby will be computed on the basis that the equipment was purchased new by the contractor in the year it was manufactured, regardless of age.

f. Working Hours. The hourly use rates shown in TABLE 3-1 are computed on the basis of a 40-hour work week. When the contractor works more than 40 hours per week the cost for CFC will be excluded from the hourly rate for hours in excess of 40 hours per week. The hourly use rates for work weeks greater than 40 hours can be computed as shown in the sample computation or may be calculated by using TABLE 3-4.

2-3. Sample Computation. A sample computation has been provided in Figure 2-1 to illustrate how the hourly use rates in TABLE 3-1 were computed using the methodology stated in this pamphlet. When an hourly rate for a specific piece of equipment must be computed by the methods in Figure 2-1, this procedure given shall be followed.

2-4. Marine Equipment. The methodology used to compute the annual ownership percentages for marine equipment is provided in APPENDIX H, Marine Equipment.



CONSTRUCTION EQUIPMENT HOURLY OWNERSHIP AND OPERATING RATE WORK SHEET

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

1. REQUIRED DATA

For ID No. C90LI002

a. Equipment Specification Data:

- (1) Equipment Description: Link Belt Truck Crane
(2) Model and Series: HC-108C 50 Ton
(3) Year Purchased: 1989
(4) Year Manufactured: 1989
(5) Horsepower - Equipment: 110
(6) Horsepower - Carrier: 318
(7) Fuel type: (circle type)

Equipment: gas diesel off-road diesel on-road electric air

Carrier: gas diesel off-road diesel on-road electric air

(8) Shipping Weight (CWT): 1197

(9) Tire size and number of tires: Total Cost of tires for present year:
(a) Front: No.: 4 Size/Ply: 14x20 18PR Cost: \$ 3,304
(b) Drive: No.: 8 Size/Ply: 14x20 18PR Cost: \$ 6,608
(c) Trailing: No.: _____ Size/Ply: _____ Cost: \$ _____
=====

(d) Total Tire Cost: \$ 9,912

USE APPENDIX D TO COMPLETE THE FOLLOWING DATA:

b. Category and Sub-category Number: C90.02

c. Hourly Expense Calculation Factors:

- (1) Economic Key (EK): 20
(2) Condition (C): A
(3) Discount Code (DC): B = 7.5% or S = 15.0%
(4) Life in Hours (LIFE): 16,000
(5) Salvage Value (SLV): .15
(6) Fuel Factor - Equipment (E G D): .036
(7) Fuel Factor - Carrier (E G D): .006
(8) FOG Factor (E G D): .26
(9) Tire Wear Factor:
(a) Front (FT): .97
(b) Drive (DT): .78
(c) Trailing (TT): 0
(10) Repair Cost Factor (RPR): .70

Figure 2-1 Equipment Rate Computation Work Sheet

CONSTRUCTION EQUIPMENT HOURLY OWNERSHIP AND OPERATING RATE WORK SHEET (Continued)

2. EQUIPMENT COST

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

$$(\underline{422,802}) \times (\underline{.075}) = -\$ \underline{31,710}$$

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

$$(\underline{1,197} \text{ CWT}) \times (\underline{11.90}) = \$ \underline{14,244}$$

(3) Subtotal: [2.a.(1)] + [2.a.(2)] S/T \$ 405,336

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

$$(\underline{405,336}) \times (\underline{.066}) = \$ \underline{26,752}$$

c. TOTAL EQUIPMENT COST: [(2.a.(3)] + [(2.b)] 2. TOTAL: \$ 432,088

(Use actual cost when available.)
(See Chapter 3 for used and overaged equipment rate adjustments.)

3. LIFE

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

$$(\underline{16,000} \text{ Hrs}) / (\underline{1,650} \text{ Hrs/Yr}) = \underline{9.70} \text{ Yrs}$$

4. ECONOMIC ADJUSTMENT FACTOR (EAF)

(Economic Index for Present Year) / (Economic Index for Year of Manufacture)
[1.c.(1)] & [APPENDIX E] [1.c.(1)] & [APPENDIX E]

$$(\underline{4415}) / (\underline{3967}) = \underline{1.113} \text{ (EAF)}$$

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

5. SALVAGE VALUE FACTOR (S)

(Salvage Value) x (EAF)
[1.c.(5)] [4.a.]

$$(\underline{0.15}) \times (\underline{1.113}) = \underline{0.167} \text{ (S)}$$

Figure 2-1 Equipment Rate Computation Work Sheet

CONSTRUCTION EQUIPMENT HOURLY OWNERSHIP AND OPERATING RATE WORK SHEET (Continued)

6. OWNERSHIP COSTS

a. Depreciation:

(1) (Tire Index) / (Tire Index) = Tire Cost Index (TCI)
 (Yr of Mfgr) (Present Year)

$$(\underline{2480}) / (\underline{2566}) = \underline{.966} \text{ (TCI)}$$

(2) [(Total Equip Cost) x [1.0 - (S)] - [(TCI) x (Tire Cost)]] / (LIFE)
 [2.c.] [5.a.] [6.a.(1)] [1.a.(9)(d)] [1.c.(4)]

$$[(\underline{432,088}) \times [1.0 - (.167)] - [(.966 \times \underline{9,912})]] / \underline{16,000}$$

$$= \$ \underline{21.90} / \text{Hr}$$

b. Cost of Facilities Capital (CFC):

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

$$[(\underline{9.70} \text{ Yrs}) - 1.0] \times [(.167) + 1.0] + 2.0] / [(\underline{9.70} \text{ Yrs}) \times 2.0]$$

$$= \underline{0.6264} \text{ (AVF)}$$

(2) (Total Equip Cost) x (AVF) x (Cost of Money) / (Working Hrs per Yr)
 [2.c.] [6.c.(1)] [APPENDIX B] [APPENDIX B]

$$(\underline{432,088}) \times (\underline{.6264}) \times (.067) / (\underline{1,650} \text{ Hrs/Yr})$$

$$= \$ \underline{10.99} / \text{Hr}$$

c. TOTAL HOURLY OWNERSHIP COSTS: [6.a.(2)] + [6.b.(2)]

6. TOTAL: \$ 32.89 /Hr**7. OPERATING COSTS**

a. Fuel Costs (Hourly):

(1) Equipment:

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

$$(\underline{.036}) \times (\underline{110} \text{ HP}) \times (\underline{1.14} / \text{Gal}) = \$ \underline{4.51} / \text{Hr}$$

(2) Carrier:

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

$$(\underline{.006}) \times (\underline{318} \text{ HP}) \times (\underline{1.32} / \text{Gal}) = \$ \underline{2.52} / \text{Hr}$$

(3) TOTAL HOURLY FUEL COSTS: [(7.a(1)) + (7.a(2))] Total 7.a. = \$ 7.03 /Hr

Figure 2-1 Equipment Rate Computation Work Sheet

CONSTRUCTION EQUIPMENT HOURLY OWNERSHIP AND OPERATING RATE WORK SHEET (Continued)

b. FOG Costs (Hourly):

(1) Equipment:

(FOG Factor) x (Hourly Fuel Cost)
[1.c.(8)] [7.a.(1)]

$$(.26) \times (.451) / \text{Hr} = \$ 1.17 / \text{Hr}$$

(2) Carrier:

(FOG Factor) x (Hourly Fuel Cost)
[1.c.(8)] [7.a.(2)]

$$(.26) \times (.252) / \text{Hr} = \$.66 / \text{Hr}$$

(3) TOTAL HOURLY FOG COSTS: [(7.b.(1)) + (7.b.(2))]

Total 7.b. = \$ 1.83 / Hr

c. Repair Costs (Hourly):

(1) Repair Factor:

(Repair Cost Factor) x (EAF) x (LAF) = Repair Factor (RF)
[1.c.(10)] [4.a.] [APPENDIX B]

$$(.70) \times (.113) \times (.76) = .5920 \text{ (RF)}$$

(2) Hourly Repairs:

[(Total Equip Cost) - (TCI x (Tire Cost))] x (RF) / (LIFE)
[2.c.] [6.a.(1)] [1.a.(9)(d)] [7.c.(1)] [1.c.(4)]

$$[(\underline{432,088}) - (\underline{966} \times \underline{9.912})] \times \underline{.5920} / \underline{16,000}$$

Total 7.c. = \$ 15.63 / Hr

Figure 2-1 Equipment Rate Computation Work Sheet

CONSTRUCTION EQUIPMENT HOURLY OWNERSHIP AND OPERATING RATE WORK SHEET (Continued)

d. Tire Wear Costs (Use Current Price Levels):

(1) Front Tires:

$$[1.5 \times (\text{FT Cost})] / [1.8 \times (\text{FT Wear Factor}) \times (\text{Maximum Tire Life/hrs})] \\ [\text{1.a.(9)(a)}] \quad [\text{1.c.(9)(a)}] \quad [\text{TABLE F-1}]$$

$$[1.5 \times (\underline{\underline{3,304}})] / [1.8 \times (\underline{\underline{.97}})] \times (\underline{\underline{5,000/Hrs}}) \\ = \$ \underline{\underline{.57}} / \text{Hr}$$

(2) Drive Tires:

$$[1.5 \times (\text{DT Cost})] / [1.8 \times (\text{DT Wear Factor}) \times (\text{Maximum Tire Life/hrs})] \\ [\text{1.a.(9)(a)}] \quad [\text{1.c.(9)(a)}] \quad [\text{TABLE F-1}]$$

$$[1.5 \times (\underline{\underline{6,608}})] / [1.8 \times (\underline{\underline{.78}})] \times (\underline{\underline{5,000/Hrs}}) \\ = \$ \underline{\underline{1.41}} / \text{Hr}$$

(3) Trailing Tires:

$$[1.5 \times (\text{TT Cost})] / [1.8 \times (\text{TT Wear Factor}) \times (\text{Maximum Tire Life/hrs})] \\ [\text{1.a.(9)(a)}] \quad [\text{1.c.(9)(a)}] \quad [\text{TABLE F-1}]$$

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

(4) TOTAL TIRE WEAR COST: [Sum 7.d.(1) through 7.d.(3)] Total 7.d. = \$ 1.98 / Hr

e. Tire Repair Cost:

$$(\text{Total Tire Wear}) \times 0.15 \\ [\text{7.d.(4)}]$$

$$(\underline{\underline{1.98}}) \times 0.15 \quad \text{Total 7.e.} = \$ \underline{\underline{.30}} / \text{Hr}$$

f. TOTAL OPERATING COSTS: [Sum 7.a through 7.e] 7. TOTAL: = \$ 26.77 / Hr

Figure 2-1 Equipment Rate Computation Work Sheet

CONSTRUCTION EQUIPMENT HOURLY OWNERSHIP AND OPERATING RATE WORK SHEET (Continued)

8. HOURLY RATES - TOTALS:a. Single Shift Hourly Rate: (40 hours per week)

(Ownership Costs) + (Operating Costs)
 [6.c.] [7.f.]

$$(\underline{32.89} / \text{Hr}) + (\underline{26.77} / \text{Hr})$$

$$\boxed{\$ \underline{59.66} / \text{Hr}}$$

b. Other Work Shifts - Hourly Rate:

(Depreciation) + [(CFC x 40 hrs/wk) / (Work Hrs/Wk)] + (Operating Costs)
 [6.a.(2)] [6.b.(2)] (example: 60 hrs/wk) [7.f.]

$$(\underline{21.90} / \text{Hr}) + [(\underline{10.99} / \text{Hr} \times 40 \text{ Hrs/Wk}) / (\underline{60} \text{ Hrs/Wk})] + (\underline{26.77} / \text{Hr})$$

$$\boxed{\$ \underline{56.00} / \text{Hr}}$$

c. Standby - Hourly Rate:

[(Depreciation) x 0.50] + (CFC)
 [6.a.(2)] [6.b.(2)]

$$[(\underline{21.90} / \text{Hr}) \times 0.50] + (\underline{10.99} / \text{Hr})$$

(See paragraph 2-2 for adjustments.)

$$\boxed{\$ \underline{21.93} / \text{Hr}}$$

Figure 2-1 Equipment Rate Computation Work Sheet

CHAPTER 3

RATE SCHEDULE

3-1. Introduction. Hourly rates for construction equipment for both average and severe conditions are presented in TABLE 3-5. The rates may be adjusted when (a) "Difficult Conditions" are specified by the contract, (b) age is different from that used, (c) license, taxes, storage, and insurance costs are charged directly to an item of work, (d) fuel costs differ by more than 10% from the cost shown, (e) cost-of-money rate for the time period in question is different than that shown in paragraph 2-2c(2), and, (f) work week exceeds 40 hours per week. Whenever one or more of these conditions exist, the rates may be adjusted using the tables in this chapter.

3-2. Hourly Equipment Ownership and Operating Expense.

a. Description of Headings, TABLE 3-1.

(1) The following example illustrates how the column headings identify the descriptive elements. For example, an American Crane, Model 5530, 75 Ton, with a 170-foot boom is identified as follows:

(a) CAT. "C90" is the category number and stands for Mechanical Cranes, Truck-Mounted (see APPENDIX D).

(b) ID. NO. Each piece of equipment has a unique identification number. In the ID. NO. "C90AM001" "AM" identifies the manufacturer, American Crane, and "001" stands for the numeric order of this piece of equipment within the manufacturer's listing. APPENDIX I, Manufacturer Codes, provides a listing of all manufacturer codes used in the ID. NO.

(c) MODEL. "5530" is the equipment model number.

(d) EQUIPMENT DESCRIPTION. Specific information for each particular piece 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. For the American crane the carrier has a 238-horsepower engine and the crane has a 128-horsepower engine. Both engines are diesel (D).

(2) VALUE. This column reflects the predetermined "equipment cost" used to compute the rates.

(3) 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.

(4) ADJUSTABLE ELEMENTS. This column shows ownership elements and fuel costs broken out of the AVERAGE column so they can be adjusted as indicated in CHAPTERS 2 and 3. Operating costs may be determined by subtracting the ownership cost elements (DEPR plus CFC) 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.

(5) CWT. The shipping weight of the equipment is stated in hundredweight.

b. Truck Selection. Because of the large number of possible combinations of highway truck chassis and truck bodies, they are listed separately. To make an exact truck selection for a given set of hauling conditions would require lengthy calculations; however, for estimating purposes the selection can be made by using the GVW rating of the truck chassis. The combined weight of the truck chassis, the truck body, and the payload must not exceed the GVW rating shown for the truck chassis. The gross combined weight (GCW) of the truck, trailer, and payload must not exceed the GCW rating shown.

c. Dozer Selection. Because of the various number of dozer and ripper combinations available for each crawler tractor, the tractors and attachments may be listed separately. Only the hourly expense for those attachments that are required to perform the work shall be allowed.

d. Equipment Accessories. Equipment accessories included on the major pieces of equipment in TABLE 3-1 are listed in APPENDIX J, Equipment Accessories.

e. Equipment Not Listed. When an item of equipment is not listed in TABLE 3-1, the hourly rate may be determined by using the hourly rate listed for a similar piece of equipment or by proportioning a rate listed so that capacity, size, and horsepower are properly considered. When an hourly use rate cannot be determined from TABLE 3-1, the rate will be calculated following the methodology outlined in CHAPTER 2.

f. Overage Equipment. When an item of equipment has exceeded the economic service life given in APPENDIX D, it is considered overage and the hourly use rate will not exceed the rate for a piece of equipment that is not overage. An hourly use rate for overage equipment will be computed from TABLE 3-1 and

the age adjustment tables or as shown in Figure 2-1 on the basis that the equipment is as old as possible without exceeding the "life" as shown in APPENDIX D. In other words, the base year for determining average equipment value should be the year for which the last factor in TABLE 3-2 is given. Standby computations shall be based on actual age and cost, if that data is known (see paragraph 2-2e).

g. Equipment Purchased Used. A detailed method for computing an hourly use rate for equipment purchased used has not been included in this pamphlet. The condition of the equipment at the time of purchase (extent of capital improvements, mechanical condition of drive train, previous hours of operation, et cetera) is difficult or impossible to determine and to evaluate when computing an hourly use rate based on actual acquisition cost. When actual cost data in accordance with paragraph 1-5 is not available, an hourly use rate and standby rate for equipment purchased used will be computed on the basis that the equipment was purchased new by the contractor in the year it was manufactured.

h. Rate Adjustment Tables. The rate adjustment tables (TABLES 3-2, 3-3, and 3-4) should be used to adjust the hourly rates in TABLE 3-1 when the actual age of the equipment and working hours are to be considered. These tables may be used whenever information is available to indicate that the contractor's equipment is not the same age as the equipment listed in this pamphlet or when the hours worked have exceeded 40 hours per week. The rate adjustment tables have been developed from the equations used to calculate ownership and standby costs. It has been determined that these tables provide reasonable adjustment factors to allow a short-cut method for computing an hourly use rate when actual conditions are considered. When cost or pricing data is available, the rate adjustment tables may be used in lieu of a step-by-step rate computation for each item of equipment provided that the equipment is equivalent in size, capacity, horsepower, et cetera, to the item listed in the pamphlet.

i. Hourly Rate Elements. The individual cost elements, which comprise the total hourly rate (for both average and severe conditions) are shown in TABLE 3-5. These hourly rate elements are listed by equipment identification number corresponding to each piece of equipment shown in TABLE 3-1. Ownership cost elements consist of depreciation (DEPR) and cost-of-facilities capital (CFC). Operating cost elements consist of fuel (FUEL); filters, oil, and grease (FOG); tire wear (TIRE WEAR); tire repair (TIRE RPR); and maintenance and repair costs (RPR).

j. CFC Adjustment. If the cost-of-money rate shown in paragraph 2-2c(2) is no longer current, the CFC 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 10% (say from 8.50% to 9.35%), then 10% of the hourly CFC cost (from TABLE 3-5) will be added to the total hourly rate. See APPENDIX K, Federal Cost of Money Rate, for a complete listing of cost-of-money rates to date.

3-3. Assistance. If assistance is required understanding the methodology or calculating equipment rates, contact the Corps of Engineers, Walla Walla District at either of the following phone numbers:

Chief, Cost Engineering Branch (CEB) (509)522-6677
Chief, CEB, Technical Support Section (509)522-6684

The district can also provide personal computer software for use in expediting equipment rate calculations. There is a nominal charge to non-government users for this software.

NOTE - Pages 3-5 thru 3-180, which include Tables 3-1 thru 3-5, are located after the text for convenience purposes.

FOR THE COMMANDER:



11 Appendices
APP A thru K (see Table
of Contents)

ROBERT L. HERNDON
Colonel, Corps of Engineers
Chief of Staff

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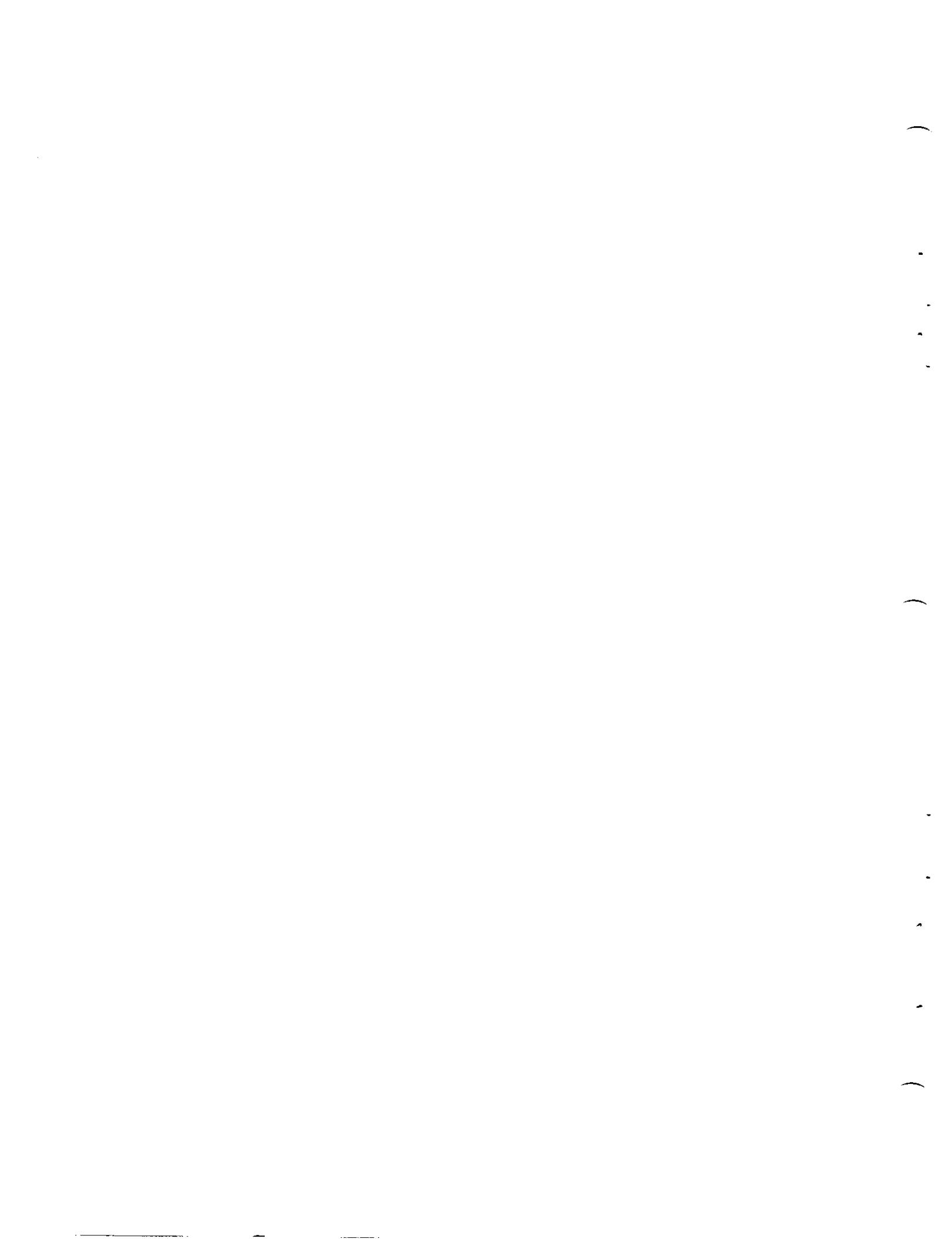


TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
A10			AGGREGATE/CHIP SPREADERS								
	.10		SELF PROPELLED								
			ETNYRE, E.D.								
	A10ET001	C-201-89R2	10' HOPPER, 2WD, MECHANICAL	152 HP D	69,939	17.75	4.61	5.39	1.91	4.85	165
	A10ET002	C-201-89R2	13' HOPPER, 2WD, MECHANICAL	190 HP D	72,885	19.75	4.80	5.62	1.99	6.06	170
	A10ET003	C-202-89R	10' HOPPER, 2WD, HYDROSTATIC	152 HP D	79,238	19.30	5.22	6.12	2.16	4.85	165
	A10ET004	C-202-89R	13' HOPPER, 2WD, HYDROSTATIC	190 HP D	82,378	21.32	5.43	6.37	2.24	6.06	170
			ROSCO								
	A10RS001	SPR-H	CHIP SPREADER, 10' HOPPER	152 HP D	64,388	16.82	4.23	4.95	1.75	4.85	152
	A10RS002	SPR-H	CHIP SPREADER, 13.5' HOPPER	152 HP D	65,593	17.03	4.32	5.05	1.79	4.85	152
	.20		TOWED & TAILGATE								
			AMERICAN ROAD MACHINERY								
	A10AR001	TG-505C	TAILGATE SPREADER, 8' WIDE (ADD DUMP TRUCK)		2,842	0.68	0.27	0.37	0.08	0.00	5
	A10AR002	ODELL	TOWED SPREADER, 8' WIDE ASPHALT & AGG. SPREADING TO 8" (ADD DUMP TRUCK)		5,553	1.34	0.53	0.73	0.16	0.00	22
A15			AIR COMPRESSORS, PORTABLE								
	.10		ROTARY SCREW								
			NO SPECIFIC MANUFACTURER								
	A15XX001		100 CFM QUIET, 100 PSI (ADD HOSE)	50 HP G	12,805	8.28	0.82	0.91	0.36	4.69	20
	A15XX002		100 CFM QUIET, 100 PSI (ADD HOSE)	35 HP D	15,376	4.35	0.98	1.10	0.43	1.44	26
	A15XX003		125 CFM QUIET, 100 PSI (ADD HOSE)	65 HP G	15,667	10.60	1.00	1.12	0.44	6.10	24
	A15XX004		125 CFM QUIET, 100 PSI (ADD HOSE)	51 HP D	16,668	5.40	1.07	1.19	0.47	2.09	26
	A15XX005		175 CFM QUIET, 100 PSI (ADD HOSE)	70 HP G	17,098	11.46	1.10	1.23	0.48	6.57	26
	A15XX006		175 CFM QUIET, 100 PSI (ADD HOSE)	65 HP D	19,390	6.59	1.25	1.39	0.55	2.67	28
	A15XX007		185 CFM QUIET, 100 PSI (ADD HOSE)	70 HP G	17,654	11.56	1.14	1.27	0.50	6.57	27

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
A15			AIR COMPRESSORS, PORTABLE							
	.10		ROTARY SCREW							
			NO SPECIFIC MANUFACTURER							
	A15XX008		185 CFM QUIET, 100 PSI (ADD HOSE)	75 HP D	20,806	7.34	1.34	1.50	0.59	3.08
	A15XX009		250 CFM QUIET, 100 PSI (ADD HOSE)	95 HP D	29,189	9.76	1.87	2.10	0.82	3.90
	A15XX010		375 CFM QUIET, 100 PSI (ADD HOSE)	112 HP D	38,508	12.21	2.45	2.71	1.09	4.60
	A15XX011		450 CFM QUIET, 100 PSI (ADD HOSE)	150 HP D	54,648	16.84	3.49	3.89	1.54	6.16
	A15XX012		600 CFM QUIET, 100 PSI (ADD HOSE)	200 HP D	60,983	20.51	3.89	4.33	1.72	8.21
	A15XX013		750 CFM QUIET, 100 PSI (ADD HOSE)	240 HP D	70,514	24.17	4.51	5.03	1.99	9.85
	A15XX014		900 CFM QUIET, 100 PSI (ADD HOSE)	260 HP D	79,201	26.64	5.07	5.66	2.24	10.67
	A15XX015		1200 CFM QUIET, 100 PSI (ADD HOSE)	325 HP D	111,773	35.37	7.18	8.03	3.16	13.34
	A15XX016		1400 CFM QUIET, 100 PSI (ADD HOSE)	395 HP D	125,171	41.24	8.03	8.98	3.54	16.21
	A15XX017		1600 CFM QUIET, 100 PSI (ADD HOSE)	456 HP D	131,349	45.44	8.43	9.43	3.71	18.71
A20			AIR HOSE, TOOLS & EQUIPMENT							
	.10		AIR HOSES							
			NO SPECIFIC MANUFACTURER							
	A20XX001	HARDROCK	AIR HOSE, 3/4" DIAM., 100' LONG		503	0.33	0.09	0.13	0.02	0.00
	A20XX002	HARDROCK	AIR HOSE, 1" DIAM., 100' LONG		551	0.36	0.09	0.14	0.02	0.00
	A20XX003	HARDROCK	AIR HOSE, 1-1/4" DIAM., 100' LONG		676	0.43	0.11	0.17	0.02	0.00
	A20XX004	HARDROCK	AIR HOSE, 1-1/2" DIAM., 100' LONG		795	0.50	0.12	0.20	0.02	0.00
	A20XX005	HARDROCK	AIR HOSE, 2" DIAM., 100' LONG		1,113	0.71	0.17	0.28	0.03	0.00
	A20XX006	HARDROCK	AIR HOSE, 2-1/2" DIAM., 100' LONG		1,330	0.85	0.21	0.34	0.04	0.00
	A20XX007	HARDROCK	AIR HOSE, 3" DIAM., 100' LONG		2,742	1.76	0.44	0.70	0.09	0.00
	A20XX008	HARDROCK	AIR HOSE, 4" DIAM., 100' LONG		4,123	2.65	0.66	1.05	0.13	0.00
	A20XX009	YELLOW-LINE	AIR HOSE, 3/4" DIAM., 100' LONG		162	0.11	0.03	0.04	0.01	0.00
	A20XX010	YELLOW-LINE	AIR HOSE, 1" DIAM., 100' LONG		182	0.12	0.04	0.05	0.01	0.00
	A20XX011	YELLOW-LINE	AIR HOSE, 1-1/4" DIAM., 100' LONG		436	0.27	0.07	0.11	0.01	0.00
	A20XX012	YELLOW-LINE	AIR HOSE, 1-1/2" DIAM., 100' LONG		551	0.36	0.09	0.14	0.02	0.00
	A20XX013	YELLOW-LINE	AIR HOSE, 2" DIAM., 100' LONG		649	0.42	0.11	0.17	0.02	0.00
	A20XX014	YELLOW-LINE	AIR HOSE, 2-1/2" DIAM., 100' LONG		966	0.62	0.16	0.25	0.03	0.00
	A20XX015	YELLOW-LINE	AIR HOSE, 3" DIAM., 100' LONG		1,258	0.81	0.20	0.32	0.04	0.00
	A20XX016	YELLOW-LINE	AIR HOSE, 4" DIAM., 100' LONG		1,818	1.17	0.29	0.46	0.06	0.00
	.20		BLAST HOSE							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
A20			AIR HOSE, TOOLS & EQUIPMENT							
	.20		BLAST HOSE							
			NO SPECIFIC MANUFACTURER							
	A20XX017		BLAST HOSE, 1/2" ID, 1-5/32" OD, 100'L	409	0.27	0.06	0.10	0.01	0.00	1
	A20XX018		BLAST HOSE, 3/4" ID, 1-1/2" OD, 100'L	557	0.38	0.09	0.14	0.02	0.00	1
	A20XX019		BLAST HOSE, 1" ID, 1-7/8" OD, 100'L	702	0.47	0.11	0.18	0.02	0.00	1
	A20XX020		BLAST HOSE, 1-1/2" ID, 2-3/8" OD, 100'L	859	0.59	0.14	0.22	0.03	0.00	1
	.30		SANDBLASTERS & BREAKERS							
			CLEMCO							
	A20CM001	SCW-1042P	SANDBLASTER, 100 LB CAP. WITH HOSE (1/2" X 25') & ACC (ADD COMPRESSOR)	101 CFM A	1,663	0.96	0.22	0.33	0.05	0.00
	A20CM002	SCW-1440P	SANDBLASTER, 150 LB CAP. WITH HOSE (1" X 50') & ACC (ADD COMPRESSOR)	101 CFM A	2,962	1.65	0.38	0.58	0.09	0.00
	A20CM003	SCWB-1648P	SANDBLASTER, 300 LB CAP. WITH HOSE (1" X 50') & ACC (ADD COMPRESSOR)	101 CFM A	3,232	1.80	0.42	0.63	0.10	0.00
	A20CM004	SCWB-2452HP	SANDBLASTER, 600 LB CAP. WITH HOSE (1-1/4" X 50') & ACC (ADD COMPRESSOR)	216 CFM A	4,386	2.49	0.57	0.86	0.14	0.00
	A20CM005	SCH-3079R	SANDBLASTER W/HOPPER, 1400 LB CAP. W/1-1/4" PIPE, 50' RC HOSE (ADD COMP)	216 CFM A	11,555	6.34	1.49	2.26	0.36	0.00
	A20CM006	60-H	SANDBLASTER, 3 TON CAP, 1-1/4" PIPE W/50' HOSE W/2 NOZ, TRLR (ADD COMP)	450 CFM A	13,687	7.53	1.73	2.59	0.43	0.00
	A20CM007	120-H	SANDBLASTER, 6 TON CAP, 1-1/4" PIPE W/50' HOSE W/2 NOZ, TRLR (ADD COMP)	700 CFM A	17,133	9.43	2.14	3.20	0.54	0.00
	A20CM008	160-H	SANDBLASTER, 8 TON CAP, 1-1/4" PIPE W/50' HOSE W/2 NOZ, TRLR (ADD COMP)	900 CFM A	18,011	9.77	2.17	3.22	0.56	0.00
	A20CM009		STORAGE HOPPER, 640 CUBIC FT CAP 32-TON SAND BULK ABRASIVE STORAGE		9,792	5.57	1.27	1.91	0.31	0.00
			GARDNER DENVER							
	A20GD001	SP27E	SPADER, 35 LB, (ADD COMPRESSOR)	32 CFM A	776	0.47	0.10	0.15	0.02	0.00
	A20GD002	S58D	SINKER DRILL, DRY GLAND (ADD COMP)	98 CFM A	1,835	1.10	0.24	0.36	0.06	0.00
	A20GD003	S58W	SINKER DRILL, WET GLAND (ADD COMP)	98 CFM A	1,939	1.15	0.25	0.38	0.06	0.00
	A20GD004	B67C	PAVING BREAKER, 66 LB (ADD COMP)	46 CFM A	941	0.56	0.12	0.18	0.03	0.00

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
A20			AIR HOSE, TOOLS & EQUIPMENT							
	.30		SANDBLASTERS & BREAKERS							
			GARDNER DENVER							
	A20GD005	B87C	PAVING BREAKER, 86 LB (ADD COMP)	50 CFM A	1,044	0.61	0.13	0.20	0.03	0.00
	A20GD006	S83FM	FEED LEG DRILL, 54" TRAVEL(ADD COMP) INCLUDES SWIVEL & POWER RETRACT LEG	103 CFM A	3,541	2.03	0.46	0.69	0.11	0.00
			WACKER							
	A20WC001	LHB 5	BREAKER/DRILL, 12 LB (ADD COMP)	20 CFM A	1,099	0.69	0.14	0.21	0.03	0.00
	A20WC002	EHB 10/110	BREAKER/DRILL, 40 LB (ADD GEN)	2 HP E	1,452	1.24	0.19	0.28	0.05	0.22
	A20WC003	BHB 25	ROCK DRILL/BREAKER, 88 LB	4 HP G	3,590	2.43	0.46	0.70	0.11	0.38
	A20WC004	BHF 30S	BREAKER/DRILL, 85 LB	4 HP G	3,659	2.47	0.47	0.72	0.11	0.38
A25			ASPHALT DISTRIBUTORS							
			ROSCO							
	A25RS001	RES	1,000 GALLON, FOR TRUCK MOUNTING (ADD 18,000 TO 24,000 GVW TRUCK)	50 HP G	31,094	12.77	2.40	3.06	0.87	4.69
	A25RS002	RRH	1,000 GAL, HYDROSTATIC, FOR TRUCK MTD (ADD 18,000 TO 24,000 GVW TRUCK)		32,975	8.49	2.55	3.25	0.92	0.00
	A25RS003	RES	1,500 GALLON, FOR TRUCK MOUNTING (ADD 24,000 TO 32,000 GVW TRUCK)	50 HP G	32,058	12.98	2.47	3.16	0.89	4.69
	A25RS004	RRH	1,500 GAL, HYDROSTATIC, FOR TRUCK MTD (ADD 24,000 TO 32,000 GVW TRUCK)		34,186	8.84	2.64	3.37	0.95	0.00
	A25RS005	RES	2,000 GALLON, FOR TRUCK MOUNTING (ADD 32,000 GVW TRUCK)	50 HP G	34,932	13.58	2.69	3.44	0.97	4.69
	A25RS006	RRH	2,000 GAL, HYDROSTATIC, FOR TRUCK MTD (ADD 32,000 GVW TRUCK)		36,914	9.52	2.85	3.64	1.03	0.00
	A25RS007	RES	3,000 GALLON, FOR TRUCK MOUNTING (ADD 42,000 GVW TRUCK)	50 HP G	37,923	14.23	2.93	3.74	1.06	4.69
	A25RS008	RRH	3,500 GAL, HYDROSTATIC, FOR TRUCK MTD (ADD 42,000 GVW TRUCK)		42,513	10.81	3.29	4.19	1.19	0.00
A30			ASPHALT FINISHERS/PAVERS							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT															
					AVERAGE	STANDBY	DEPR	CFC																	
A30	ASPHALT FINISHERS/PAVERS																								
.10 SELF PROPELLED																									
BARBER-GREENE																									
	A30BG001	BG220B	8' STD PAVING WIDTH (PNEUMATIC) WITH 15'-6" SCREED EXT.	78 HP D	142,200	30.79	9.38	11.02	3.87	3.20	230														
	A30BG002	BG240B	10' STD PAVING WIDTH (PNEUMATIC) WITH 19' SCREED EXT.	105 HP D	163,127	36.30	10.67	12.46	4.44	4.31	290														
	A30BG003	BG260B	10' STD PAVING WIDTH (PNEUMATIC) WITH 19' SCREED EXT.	142 HP D	185,180	42.56	12.02	13.94	5.05	5.83	320														
	A30BG004	BG225B	8' STD PAVING WIDTH (CRAWLER) WITH 15'-6" SCREED EXT.	105 HP D	165,728	36.42	11.05	13.06	4.52	4.31	238														
	A30BG005	BG245B	10' STD PAVING WIDTH (CRAWLER) WITH 19'6" SCREED EXT.	105 HP D	197,720	42.39	13.18	15.58	5.39	4.31	296														
	A30BG006	BG265B	10' STD PAVING WIDTH (CRAWLER) WITH 19'6" SCREED EXT.	142 HP D	225,428	49.48	15.02	17.76	6.14	5.83	346														
BLAW-KNOX																									
	A30BK001	PF-22	5'-12' STD PAVING WIDTH (PNEUMATIC)	23 HP D	56,794	11.86	3.74	4.38	1.55	0.94	95														
	A30BK002	PF-35	6'-12' STD PAVING WIDTH (PNEUMATIC)	44 HP D	88,367	18.87	5.85	6.87	2.41	1.81	104														
	A30BK003	PF-115	8' STD PAVING WIDTH (PNEUMATIC)	72 HP D	137,444	29.73	8.98	10.47	3.74	2.95	201														
	A30BK004	PF-120H	10' STD PAVING WIDTH (PNEUMATIC)	87 HP D	148,227	32.54	9.70	11.32	4.04	3.57	253														
	A30BK005	PF-180H	10' STD PAVING WIDTH (PNEUMATIC)	107 HP D	183,421	40.28	11.99	13.98	5.00	4.39	290														
	A30BK006	PF-220	12' STD PAVING WIDTH (PNEUMATIC)	148 HP D	228,138	50.97	14.89	17.34	6.22	6.07	387														
	A30BK007	PF-400A	8' STD PAVING WIDTH (CRAWLER)	103 HP D	173,268	37.71	11.55	13.65	4.72	4.23	230														
	A30BK008	PF-500	10' STD PAVING WIDTH (CRAWLER)	120 HP D	204,856	44.49	13.65	16.14	5.58	4.92	291														
CATERPILLAR																									
	A30CA001	AP-200	9' STD PAVING WIDTH (CRAWLER)	35 HP D	40,146	9.32	2.67	3.16	1.09	1.44	90														
	A30CA002	AP-800	10' STD PAVING WIDTH (PNEUMATIC)	102 HP D	155,622	34.73	10.19	11.90	4.24	4.19	290														
	A30CA003	AP-1200	10' STD PAVING WIDTH (PNEUMATIC)	145 HP D	190,683	43.69	12.46	14.51	5.20	5.95	365														
.20 TOWED																									
LAYTON																									

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CPC		
A30			ASPHALT FINISHERS/PAVERS							
	.20	TOWED								
		LAYTON								
	A30LA001	F-525	STANDARD PAVING WIDTH 8 FEET	14 HP G	20,975	5.85	1.37	1.60	0.57	1.31 36
	A30LA002	D-550	STANDARD PAVING WIDTH 8 FEET	14 HP G	28,226	7.08	1.86	2.17	0.77	1.31 40
A35			ASPHALT KETTLES							
		AEROIL PRODUCTS								
	A35AE001	KE-B-80KE	80 GALLON, TRAILER MOUNTED		3,149	1.83	0.29	0.39	0.09	0.00 9
	A35AE002	KE-B-115KE	115 GALLON, TRAILER MOUNTED		3,458	2.17	0.32	0.44	0.10	0.00 11
	A35AE003	KE-B-165KE	165 GALLON, TRAILER MOUNTED		4,452	2.53	0.41	0.56	0.13	0.00 12
	A35AE004	KE-B-230KE	230 GALLON, TRAILER MOUNTED		5,617	3.05	0.52	0.72	0.16	0.00 16
	A35AE005	KE-B-330KE	330 GALLON, TRAILER MOUNTED		6,836	3.81	0.62	0.83	0.20	0.00 20
		ROSCO								
	A35RS001	KB	110 GALLON, TRAILER MOUNTED		4,427	2.37	0.41	0.56	0.13	0.00 13
	A35RS002	KD	225 GALLON, TRAILER MOUNTED		5,346	2.91	0.49	0.68	0.15	0.00 16
A40			ASPHALT & CONCR. MILLERS/PROFILERS							
		CATERPILLAR								
	A40CA001	PR-75	PROFILER, MAX CUT 14.5"W X 6.0"DEEP	77 HP D	73,869	17.97	4.83	5.64	2.01	3.16 130
	A40CA002	PR-105	PROFILER, MAX CUT 14.5"W X 6.0"DEEP	90 HP D	124,551	28.10	8.21	9.64	3.39	3.69 170
	A40CA003	PR-275	PROFILER, MAX CUT 67.0"W X 4.0"DEEP	270 HP D	259,787	62.62	17.32	20.47	7.08	11.08 380
	A40CA004	PR-450	PROFILER, MAX CUT 75.0"W X 10" DEEP	450 HP D	334,517	86.01	22.29	26.36	9.11	18.47 520
	A40CA005	PR-750B	PROFILER, MAX CUT 120.0"W X 10"DEEP	750 HP D	464,041	125.92	30.93	36.57	12.64	30.78 650
	A40CA006	PR-1000	PROFILER, MAX CUT 150.0"W X 10"DEEP	750 HP D	588,652	149.16	39.24	46.39	16.04	30.78 1,031
		INGERSOLL-RAND								
	A40IN001	MW-175	MILLER, 20"W, MAX DEPTH 6.0"	122 HP D	100,937	25.31	6.69	7.87	2.75	5.01 213

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
A40			ASPHALT & CONCR. MILLERS/PROFILERS							
			INGERSOLL-RAND							
	A40IN002	MW-250	MILLER, 30"W, MAX DEPTH 6.0"	122 HP D	105,810	26.21	7.01	8.25	2.88	5.01
	A40IN003	MW-250C	MILLER, 30"W, MAX DEPTH 6.0", W/CONVY	140 HP D	130,408	31.75	8.65	10.19	3.55	5.75
	A40IN004	MW-6520HC	MILLER, 78"W, MAX DEPTH 6.0", W/CONVY	400 HP D	255,688	68.77	17.00	20.06	6.97	16.42
	A40IN005	MT-6520	MILLER, 78"W, MAX 6"DEPTH, W/CONV,CWL	400 HP D	301,931	77.32	20.13	23.79	8.23	16.42
	A40IN006	MT-7000	MILLER, 78"W, MAX 10"DEPTH, W/CONV,CWL	525 HP D	383,862	99.15	25.59	30.25	10.46	21.55
A45			ASPHALT RECYCLERS & SEALERS							
			AEROIL PRODUCTS							
	A45AE001	HE-PR-52V	RESURFACER-PATCHER, 600,000 BTU INFRA-RED HEATER, TRAILER MOUNTED		7,832	3.20	0.60	0.76	0.22	0.00
	A45AE002	HE-PR-96V	RESURFACER-PATCHER, 1,200,000 BTU INFRA-RED HEATER, TRAILER MOUNTED		13,981	5.52	1.07	1.36	0.39	0.00
	A45AE003	HE-PR-120V	RESURFACER-PATCHER, 1,420,000 BTU INFRA-RED HEATER, TRAILER MOUNTED		16,479	6.57	1.27	1.61	0.46	0.00
			SEALMASTER							
	A45SE001	50	SEALCOATER, 50" WIDE, 238 GALLON STANDARD SPRAY	18 HP G	10,068	5.43	0.77	0.97	0.28	1.69
	A45SE002	12A	SEALCOATER, 50" WIDE, 200 GALLON DUAL SPRAY, SQUEEGEE	20 HP G	13,714	6.72	1.05	1.33	0.38	1.88
	A45SE003	72	SEALCOATER, 72" WIDE, 300 GALLON DUAL SPRAY, SQUEEGEE	30 HP G	19,783	10.05	1.49	1.87	0.55	2.81
	A45SE004	TR-1000	TANK TRAILER, 1000 GALLON CAPACITY		15,604	3.90	1.16	1.44	0.44	0.00
B15			BROOMS, STREET SWEEPERS & FLUSHERS							
			ALLMAND BROS.							
	B15AB001	MODEL 6600	MAXI-SWEEP, 7.5'MAX WIDTH, SELF-PROP	76 HP D	32,192	10.73	2.45	3.09	0.90	3.12

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT						
					AVERAGE	STANDBY	DEPR	CFC								
B15 BROOMS, STREET SWEEPERS & FLUSHERS																

INGRAM																

	B15IG001	POWERBROOM	POWER BROOM, 8', SELF-PROPELLED	76 HP D	24,993	9.25	1.87	2.33	0.70	3.12						
		M-B								40						
	B15MB001	MT	SWEeper, HYDR LIFT, 7 FT, ADD TRACTOR PTO DRIVE W/SPRINKLER		3,873	0.91	0.30	0.38	0.11	0.00						
	B15MB002	HT	SWEeper, HYDR LIFT, 7 FT, ADD TRACTOR HYDRAULIC DRIVE W/SPRINKLER		6,560	1.50	0.50	0.64	0.18	0.00						
	B15MB003	53T	SWEeper, HYDR LIFT, 7 FT, TOWED MECH DRIVE W/SPRINKLER		7,114	1.73	0.54	0.67	0.20	0.00						
	B15MB004	53MH	SWEeper, HYDR LIFT, 7 FT, TOWED MOTOR DRIVEN W/SPRINKLER	18 HP G	8,112	3.79	0.61	0.76	0.23	1.69						
		ROSCO								17						
	B15RS001	RB-38	STREET SWEeper, 8' BRUSH, SELF-PROP.	76 HP D	24,777	9.16	1.88	2.38	0.69	3.12						
	B15RS002	MTA-H	STREET FLUSHER, 1,600 GAL, TRK MTD (ADD 18,000 TO 24,000 GVW TRUCK)		22,152	5.11	1.71	2.17	0.62	0.00						
	B15RS003	MTA-H	STREET FLUSHER, 2,500 GAL, TRK MTD (ADD 24,000 TO 32,000 GVW TRUCK)		24,225	5.64	1.87	2.37	0.68	0.00						
	B15RS004	MTA-H	STREET FLUSHER, 3500 GAL, TRK MTD (ADD 42,000 GVW TRUCK)		25,661	6.03	1.98	2.51	0.72	0.00						
B20 BRUSH CHIPPERS																

CHIPMORE																

	B20CI001	TM-30	SMALL CHIPPER, TRLR-MTD	18 HP G	4,919	3.30	0.38	0.47	0.14	1.69						
	B20CI002	TM-32	6" CAPACITY, TRAILER-MTD	30 HP G	9,594	5.80	0.74	0.93	0.27	2.81						
	B20CI003	TM-120-G-6	12" CAPACITY, TRAILER-MTD	60 HP G	11,975	10.04	0.92	1.15	0.34	5.63						
	B20CI004	TM-120-D2	12" CAPACITY, TRAILER-MTD	76 HP D	13,631	6.96	1.04	1.32	0.38	3.12						
	B20CI005	TM-80-GI	6" CAPACITY, TRAILER-MTD	37 HP G	9,165	6.58	0.70	0.88	0.26	3.47						
	B20CI006	TM-160-D4	16" CAPACITY, TRAILER-MTD	76 HP D	13,955	7.03	1.07	1.35	0.39	3.12						
	B20CI007	TM-400-D4	16" CAPACITY, TWIN-FEED, TRLR-MTD	76 HP D	14,467	7.15	1.10	1.39	0.40	3.12						

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT						
					AVERAGE	STANDBY	DEPR	CFC									
B20 BRUSH CHIPPERS																	

VERMEER																	

B20	B20VE001	1600A	.6" DIAMETER LOG CAPACITY, TRLR MTD	99 HP G	14,280	15.37	1.09	1.38	0.40	9.29	46						
	B20VE002	1250	12" DIAMETER LOG CAPACITY, TRLR MTD	96 HP G	19,622	16.17	1.50	1.89	0.55	9.00	51						
B25 BUCKETS, CLAMSHELL																	

ESCO																	

	B25ES001	GPS-5R26	.625 CY, GEN. PURPOSE/SQUARE NOSE		12,100	2.04	0.83	1.01	0.32	0.00	28						
	B25ES002	GPS-6R32	.750 CY, GEN. PURPOSE/SQUARE NOSE		12,902	2.18	0.88	1.08	0.34	0.00	32						
	B25ES003	GPS-7R34	.875 CY, GEN. PURPOSE/SQUARE NOSE		14,145	2.38	0.96	1.18	0.37	0.00	40						
	B25ES004	GPS-9R38	1.125 CY, GEN. PURPOSE/SQUARE NOSE		15,187	2.56	1.04	1.27	0.40	0.00	44						
	B25ES005	GPS-12R41	1.500 CY, GEN. PURPOSE/SQUARE NOSE		16,285	2.75	1.11	1.36	0.43	0.00	47						
	B25ES006	GPS-14R43	1.750 CY, GEN. PURPOSE/SQUARE NOSE		21,789	3.68	1.49	1.82	0.58	0.00	65						
	B25ES007	GPS-17R46	2.125 CY, GEN. PURPOSE/SQUARE NOSE		23,968	4.04	1.63	2.00	0.63	0.00	68						
	B25ES008	GPS-19R48	2.375 CY, GEN. PURPOSE/SQUARE NOSE		25,285	4.26	1.73	2.11	0.67	0.00	73						
	B25ES009	GPS-24R51	3.000 CY, GEN. PURPOSE/SQUARE NOSE		32,945	5.55	2.25	2.75	0.87	0.00	94						
	B25ES010	GPS-28R56	3.500 CY, GEN. PURPOSE/SQUARE NOSE		34,893	5.88	2.38	2.91	0.92	0.00	99						
	B25ES011	GPS-32R60	4.000 CY, GEN. PURPOSE/SQUARE NOSE		37,736	6.37	2.58	3.15	1.00	0.00	110						
	B25ES012	GPS-38R60	4.750 CY, GEN. PURPOSE/SQUARE NOSE		41,546	7.00	2.83	3.46	1.10	0.00	120						
	B25ES013	GPS-40R60	5.000 CY, GEN. PURPOSE/SQUARE NOSE		44,950	7.58	3.07	3.75	1.19	0.00	132						
	B25ES014	GPS-50R67	6.250 CY, GEN. PURPOSE/SQUARE NOSE		47,780	8.04	3.25	3.98	1.26	0.00	146						
	B25ES015	GPS-54R67	6.750 CY, GEN. PURPOSE/SQUARE NOSE		52,600	8.87	3.59	4.39	1.39	0.00	158						
	B25ES016	GPS-58R67	7.250 CY, GEN. PURPOSE/SQUARE NOSE		54,653	9.22	3.73	4.56	1.45	0.00	166						
	B25ES017	GPS-62R72	7.750 CY, GEN. PURPOSE/SQUARE NOSE		57,561	9.70	3.92	4.80	1.52	0.00	177						
	B25ES018	GPS-64R72	8.000 CY, GEN. PURPOSE/SQUARE NOSE		60,375	10.18	4.12	5.04	1.60	0.00	185						
	B25ES019	GPS-70R72	8.750 CY, GEN. PURPOSE/SQUARE NOSE		62,642	10.56	4.27	5.22	1.66	0.00	192						
	B25ES020	HDS-5R26	.625 CY, HEAVY DUTY/SQUARE NOSE		12,488	2.10	0.85	1.04	0.33	0.00	29						
	B25ES021	HDS-6R32	.750 CY, HEAVY DUTY/SQUARE NOSE		13,342	2.24	0.91	1.11	0.35	0.00	33						
	B25ES022	HDS-7R34	.875 CY, HEAVY DUTY/SQUARE NOSE		18,311	3.08	1.25	1.53	0.48	0.00	43						
	B25ES023	HDS-9R38	1.125 CY, HEAVY DUTY/SQUARE NOSE		18,513	3.12	1.26	1.54	0.49	0.00	49						
	B25ES024	HDS-12R41	1.500 CY, HEAVY DUTY/SQUARE NOSE		19,617	3.31	1.34	1.64	0.52	0.00	53						
	B25ES025	HDS-14R43	1.750 CY, HEAVY DUTY/SQUARE NOSE		26,793	4.51	1.83	2.23	0.71	0.00	74						
	B25ES026	HDS-17R46	2.125 CY, HEAVY DUTY/SQUARE NOSE		27,928	4.71	1.91	2.33	0.74	0.00	78						
	B25ES027	HDS-19R48	2.375 CY, HEAVY DUTY/SQUARE NOSE		28,915	4.88	1.98	2.41	0.77	0.00	82						

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL	HOURLY	ADJUSTABLE ELEMENTS		FUEL	CWT										
					RATES (\$/HR)	AVERAGE	STANDBY	DEPR	CFC											
BUCKETS, CLAMSHELL																				

ESCO																				

	B25ES028	HDS-24R51	3.000 CY, HEAVY DUTY/SQUARE NOSE	36,751	6.20	2.51	3.07	0.97	0.00	104										
	B25ES029	HDS-28R56	3.500 CY, HEAVY DUTY/SQUARE NOSE	40,201	6.77	2.74	3.35	1.06	0.00	115										
	B25ES030	HDS-32R60	4.000 CY, HEAVY DUTY/SQUARE NOSE	46,328	7.81	3.16	3.86	1.23	0.00	126										
	B25ES031	HDS-38R60	4.750 CY, HEAVY DUTY/SQUARE NOSE	49,261	8.30	3.36	4.11	1.30	0.00	137										
	B25ES032	HDS-40R60	5.000 CY, HEAVY DUTY/SQUARE NOSE	52,915	8.92	3.61	4.41	1.40	0.00	147										
	B25ES033	HDS-50R67	6.250 CY, HEAVY DUTY/SQUARE NOSE	57,945	9.76	3.95	4.83	1.53	0.00	163										
	B25ES034	HDS-54R67	6.750 CY, HEAVY DUTY/SQUARE NOSE	61,105	10.31	4.17	5.10	1.62	0.00	172										
	B25ES035	HDS-58R67	7.250 CY, HEAVY DUTY/SQUARE NOSE	64,106	10.81	4.38	5.35	1.70	0.00	182										
	B25ES036	HDS-62R72	7.750 CY, HEAVY DUTY/SQUARE NOSE	67,489	11.38	4.61	5.63	1.79	0.00	193										
	B25ES037	HDS-64R72	8.000 CY, HEAVY DUTY/SQUARE NOSE	70,337	11.86	4.80	5.87	1.86	0.00	201										
	B25ES038	HDS-70R72	8.750 CY, HEAVY DUTY/SQUARE NOSE	73,128	12.33	4.99	6.10	1.94	0.00	209										
	B25ES039	XDS-5R30	.625 CY, XTRA-HVY DUTY/SQUARE NOSE	15,022	2.53	1.03	1.25	0.40	0.00	36										
	B25ES040	XDS-7R34	.875 CY, XTRA-HVY DUTY/SQUARE NOSE	20,717	3.50	1.42	1.73	0.55	0.00	52										
	B25ES041	XDS-10R38	1.250 CY, XTRA-HVY DUTY/SQUARE NOSE	21,527	3.63	1.47	1.80	0.57	0.00	58										
	B25ES042	XDS-12R41	1.500 CY, XTRA-HVY DUTY/SQUARE NOSE	23,207	3.91	1.58	1.94	0.61	0.00	63										
	B25ES043	XDS-14R43	1.750 CY, XTRA-HVY DUTY/SQUARE NOSE	30,468	5.14	2.08	2.54	0.81	0.00	85										
	B25ES044	XDS-17R46	2.125 CY, XTRA-HVY DUTY/SQUARE NOSE	32,984	5.56	2.25	2.75	0.87	0.00	92										
	B25ES045	XDS-19R48	2.375 CY, XTRA-HVY DUTY/SQUARE NOSE	37,121	6.26	2.53	3.10	0.98	0.00	103										
	B25ES046	XDS-24R51	3.000 CY, XTRA-HVY DUTY/SQUARE NOSE	41,613	7.01	2.84	3.47	1.10	0.00	121										
	B25ES047	XDS-30R56	3.750 CY, XTRA-HVY DUTY/SQUARE NOSE	46,373	7.82	3.17	3.87	1.23	0.00	135										
	B25ES048	XDS-32R60	4.000 CY, XTRA-HVY DUTY/SQUARE NOSE	51,098	8.61	3.48	4.26	1.35	0.00	149										
	B25ES049	XDS-38R60	4.750 CY, XTRA-HVY DUTY/SQUARE NOSE	54,143	9.13	3.69	4.52	1.43	0.00	158										
	B25ES050	XDS-40R60	5.000 CY, XTRA-HVY DUTY/SQUARE NOSE	56,289	9.48	3.84	4.69	1.49	0.00	168										
	B25ES051	XDS-50R67	6.250 CY, XTRA-HVY DUTY/SQUARE NOSE	60,834	10.25	4.15	5.07	1.61	0.00	181										
	B25ES052	XDS-54R67	6.750 CY, XTRA-HVY DUTY/SQUARE NOSE	64,436	10.86	4.40	5.37	1.71	0.00	193										
	B25ES053	XDS-58R67	7.250 CY, XTRA-HVY DUTY/SQUARE NOSE	67,743	11.42	4.62	5.65	1.79	0.00	203										
	B25ES054	XDS-62R72	7.750 CY, XTRA-HVY DUTY/SQUARE NOSE	72,027	12.15	4.92	6.01	1.91	0.00	220										
	B25ES055	XDS-64R72	8.000 CY, XTRA-HVY DUTY/SQUARE NOSE	74,606	12.58	5.09	6.22	1.98	0.00	223										
	B25ES056	XDS-70R72	8.750 CY, XTRA-HVY DUTY/SQUARE NOSE	77,530	13.07	5.29	6.47	2.05	0.00	241										
BUCKETS, CONCRETE																				

	.10 GENERAL PURPOSE, MANUAL																			

GAR-BRO																				

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
B30			BUCKETS, CONCRETE							
	.10		GENERAL PURPOSE, MANUAL							
			GAR-BRO							
	B30GB001	433-G	1.000 CY BUCKET	1,874	0.31	0.13	0.15	0.05	0.00	6
	B30GB002	442-G	1.500 CY BUCKET	2,518	0.42	0.17	0.20	0.07	0.00	8
	B30GB003	462-G	2.000 CY BUCKET	3,045	0.50	0.20	0.24	0.08	0.00	11
	B30GB004	493-G	3.000 CY BUCKET	4,306	0.71	0.29	0.34	0.12	0.00	19
	B30GB005	4123-G	4.000 CY BUCKET	5,371	0.89	0.36	0.42	0.15	0.00	23
	.20		LAYDOWN							
			GAR-BRO							
	B30GB006	425-A	1.000 CY BUCKET, HVY DUTY, AIR GATE	8,939	1.51	0.60	0.70	0.25	0.00	26
	B30GB007	465-A	2.000 CY BUCKET, HVY DUTY, AIR GATE	10,149	1.71	0.68	0.79	0.28	0.00	31
	B30GB008	495-A	3.000 CY BUCKET, HVY DUTY, AIR GATE	11,618	1.96	0.78	0.91	0.32	0.00	40
	B30GB009	4125-A	4.000 CY BUCKET, HVY DUTY, AIR GATE	12,984	2.19	0.87	1.01	0.36	0.00	51
	B30GB010	4155-A	5.000 CY BUCKET, HVY DUTY, AIR GATE	15,394	2.59	1.02	1.20	0.42	0.00	73
	.30		LOWBOY							
			CAMLEVER							
	B30CR001	LB-375	.375 CY BUCKET, AIR OPERATED GATE	2,980	0.51	0.20	0.23	0.08	0.00	2
	B30CR002	LB-050	.500 CY BUCKET, AIR OPERATED GATE	3,108	0.54	0.21	0.24	0.09	0.00	2
	B30CR003	LB-075	.750 CY BUCKET, AIR OPERATED GATE	3,465	0.59	0.23	0.27	0.09	0.00	3
	B30CR004	LB-100	1.000 CY BUCKET, AIR OPERATED GATE	3,597	0.62	0.24	0.28	0.10	0.00	5
	B30CR005	LB-150	1.500 CY BUCKET, AIR OPERATED GATE	4,252	0.74	0.29	0.33	0.12	0.00	6
	B30CR006	LB-200	2.000 CY BUCKET, AIR OPERATED GATE	5,016	0.87	0.34	0.39	0.14	0.00	8
	B30CR007	LB-300	3.000 CY BUCKET, AIR OPERATED GATE	6,303	1.08	0.42	0.49	0.17	0.00	12
	B30CR008	LB-400	4.000 CY BUCKET, AIR OPERATED GATE	7,326	1.26	0.49	0.57	0.20	0.00	15
	.40		LOW SLUMP							
			GAR-BRO							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
B30			BUCKETS, CONCRETE							
	.40		LOW SLUMP							
			GAR-BRO							
	B30GB011	440-A	1.000 CY BUCKET, AIR OPERATED GATE	7,887	1.36	0.53	0.61	0.22	0.00	19
	B30GB012	450-A	1.500 CY BUCKET, AIR OPERATED GATE	8,183	1.41	0.54	0.64	0.22	0.00	21
	B30GB013	460-A	2.000 CY BUCKET, AIR OPERATED GATE	8,487	1.46	0.56	0.66	0.23	0.00	23
	B30GB014	493-A	3.000 CY BUCKET, AIR OPERATED GATE	11,319	1.95	0.75	0.88	0.31	0.00	49
	B30GB015	4139-A	4.000 CY BUCKET, AIR OPERATED GATE	11,710	2.02	0.78	0.91	0.32	0.00	52
	B30GB016	4200-A	6.000 CY BUCKET, AIR OPERATED GATE	16,984	2.93	1.13	1.32	0.47	0.00	78
	B30GB017	4250-A	8.000 CY BUCKET, AIR OPERATED GATE	20,327	3.50	1.35	1.58	0.56	0.00	90
B35			BUCKETS, DRAGLINE							
	.10		LIGHT WEIGHT							
			HENDRIX							
	B35HE001	LS	.75 CY BUCKET, LIGHT WT/PERFORATED	4,298	0.89	0.35	0.45	0.12	0.00	15
	B35HE002	LS	1.0 CY BUCKET, LIGHT WT/PERFORATED	5,104	1.04	0.41	0.53	0.14	0.00	18
	B35HE003	LS	1.5 CY BUCKET, LIGHT WT/PERFORATED	6,258	1.28	0.50	0.65	0.17	0.00	26
	B35HE004	LS	2.0 CY BUCKET, LIGHT WT/PERFORATED	7,397	1.51	0.59	0.77	0.20	0.00	32
	B35HE005	LS	2.5 CY BUCKET, LIGHT WT/PERFORATED	8,686	1.79	0.70	0.91	0.24	0.00	37
	B35HE006	LS	3.0 CY BUCKET, LIGHT WT/PERFORATED	10,711	2.20	0.85	1.12	0.29	0.00	46
	B35HE007	LS	3.5 CY BUCKET, LIGHT WT/PERFORATED	11,840	2.42	0.94	1.23	0.32	0.00	50
	B35HE008	LS	4.0 CY BUCKET, LIGHT WT/PERFORATED	14,455	2.96	1.15	1.51	0.39	0.00	65
	B35HE009	LS	4.5 CY BUCKET, LIGHT WT/PERFORATED	15,022	3.08	1.20	1.57	0.41	0.00	69
	B35HE010	LS	5.0 CY BUCKET, LIGHT WT/PERFORATED	18,537	3.79	1.47	1.93	0.50	0.00	85
	B35HE011	LS	6.0 CY BUCKET, LIGHT WT/PERFORATED	20,074	4.11	1.60	2.09	0.55	0.00	90
	B35HE012	LS	7.0 CY BUCKET, LIGHT WT/PERFORATED	21,382	4.38	1.70	2.23	0.58	0.00	101
	B35HE013	LS	8.0 CY BUCKET, LIGHT WT/PERFORATED	24,354	4.99	1.93	2.54	0.66	0.00	112
	B35HE014	LS	9.0 CY BUCKET, LIGHT WT/PERFORATED	28,114	5.75	2.23	2.93	0.76	0.00	128
	B35HE015	LS	10.0 CY BUCKET, LIGHT WT/PERFORATED	30,558	6.26	2.43	3.19	0.83	0.00	139
	B35HE016	LS	12.0 CY BUCKET, LIGHT WT/PERFORATED	37,531	7.68	2.98	3.91	1.02	0.00	166
	B35HE017	LS	14.0 CY BUCKET, LIGHT WT/PERFORATED	43,150	8.84	3.42	4.50	1.17	0.00	191
			SAUERMAN							
	B35SA001	SC-1050-K	1.0 CY BUCKET, L WT, CRECENT SCRAPER	10,742	2.20	0.85	1.12	0.29	0.00	15

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
B35			BUCKETS, DRAGLINE							
	.10		LIGHT WEIGHT							
			SAUERMAN							
	B35SA002	SC-1060-K	1.5 CY BUCKET, L WT, CRECENT SCRAPER	12,892	2.64	1.02	1.34	0.35	0.00	20
	B35SA003	SC-1070-K	2.0 CY BUCKET, L WT, CRECENT SCRAPER	16,076	3.30	1.28	1.68	0.44	0.00	25
	B35SA004	SC-1090-K	3.0 CY BUCKET, L WT, CRECENT SCRAPER	23,842	4.89	1.90	2.49	0.65	0.00	36
	B35SA005	SC-1100-K	4.0 CY BUCKET, L WT, CRECENT SCRAPER	28,918	5.92	2.30	3.01	0.79	0.00	49
	B35SA006	SC-1110-K	5.0 CY BUCKET, L WT, CRECENT SCRAPER	34,614	7.09	2.75	3.61	0.94	0.00	58
	B35SA007	SC-1120-K	6.0 CY BUCKET, L WT, CRECENT SCRAPER	37,972	7.78	3.01	3.96	1.03	0.00	68
	B35SA008	SC-1130-K	8.0 CY BUCKET, L WT, CRECENT SCRAPER	45,913	9.41	3.65	4.79	1.25	0.00	88
	B35SA009	SC-1140-K	10.0 CY BUCKET, L WT, CRECENT SCRAPER	54,387	11.14	4.32	5.67	1.48	0.00	106
	B35SA010	SC-1150-K	12.0 CY BUCKET, L WT, CRECENT SCRAPER	67,034	13.73	5.32	6.99	1.82	0.00	132
	.20		MEDIUM WEIGHT							
			HENDRIX							
	B35HE018	TS	.75 CY BUCKET, MEDIUM WEIGHT	4,701	0.88	0.35	0.44	0.13	0.00	17
	B35HE019	TS	1.0 CY BUCKET, MEDIUM WEIGHT	5,765	1.06	0.42	0.53	0.15	0.00	19
	B35HE020	TS	1.5 CY BUCKET, MEDIUM WEIGHT	7,140	1.32	0.52	0.66	0.19	0.00	28
	B35HE021	TS	2.0 CY BUCKET, MEDIUM WEIGHT	8,530	1.58	0.63	0.79	0.23	0.00	36
	B35HE022	TS	2.5 CY BUCKET, MEDIUM WEIGHT	9,830	1.81	0.72	0.91	0.26	0.00	41
	B35HE023	TS	3.0 CY BUCKET, MEDIUM WEIGHT	11,748	2.17	0.86	1.09	0.31	0.00	49
	B35HE024	TS	3.5 CY BUCKET, MEDIUM WEIGHT	12,978	2.40	0.95	1.20	0.35	0.00	54
	B35HE025	TS	4.0 CY BUCKET, MEDIUM WEIGHT	15,615	2.89	1.15	1.45	0.42	0.00	70
	B35HE026	TS	4.5 CY BUCKET, MEDIUM WEIGHT	16,679	3.09	1.23	1.55	0.45	0.00	72
	B35HE027	TS	5.0 CY BUCKET, MEDIUM WEIGHT	21,385	3.94	1.56	1.98	0.57	0.00	93
	B35HE028	TS	6.0 CY BUCKET, MEDIUM WEIGHT	22,094	4.08	1.62	2.05	0.59	0.00	96
	B35HE029	TS	7.0 CY BUCKET, MEDIUM WEIGHT	25,231	4.67	1.85	2.34	0.68	0.00	111
	B35HE030	TS	8.0 CY BUCKET, MEDIUM WEIGHT	27,777	5.12	2.03	2.57	0.74	0.00	122
	B35HE031	TS	9.0 CY BUCKET, MEDIUM WEIGHT	33,271	6.14	2.43	3.08	0.89	0.00	149
	B35HE032	TS	10.0 CY BUCKET, MEDIUM WEIGHT	35,436	6.54	2.59	3.28	0.95	0.00	159
	B35HE033	TS	12.0 CY BUCKET, MEDIUM WEIGHT	45,159	8.34	3.30	4.18	1.21	0.00	202
	B35HE034	TS	14.0 CY BUCKET, MEDIUM WEIGHT	52,424	9.68	3.83	4.86	1.40	0.00	225
	.30		HEAVY WEIGHT							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
B35			BUCKETS, DRAGLINE								
			*****.30 HEAVY WEIGHT								
			HENDRIX								
	B35HE035	MH-S	2.75 CY BUCKET, HEAVY WEIGHT	18,783	3.17	1.29	1.57	0.50	0.00	69	
	B35HE036	MH-S	3.0 CY BUCKET, HEAVY WEIGHT	19,534	3.30	1.34	1.63	0.52	0.00	72	
	B35HE037	MH-S	3.5 CY BUCKET, HEAVY WEIGHT	21,877	3.68	1.49	1.82	0.58	0.00	81	
	B35HE038	MH-S	4.0 CY BUCKET, HEAVY WEIGHT	29,270	4.93	1.99	2.44	0.77	0.00	110	
	B35HE039	MH-S	4.5 CY BUCKET, HEAVY WEIGHT	32,724	5.52	2.24	2.73	0.87	0.00	123	
	B35HE040	MH-S	5.0 CY BUCKET, HEAVY WEIGHT	33,793	5.69	2.30	2.82	0.89	0.00	127	
	B35HE041	MH-S	6.0 CY BUCKET, HEAVY WEIGHT	36,189	6.10	2.47	3.02	0.96	0.00	136	
	B35HE042	MH-S	7.0 CY BUCKET, HEAVY WEIGHT	48,171	8.13	3.29	4.02	1.28	0.00	175	
	B35HE043	MH-S	8.0 CY BUCKET, HEAVY WEIGHT	47,331	7.98	3.23	3.95	1.25	0.00	180	
	B35HE044	MH-S	9.0 CY BUCKET, HEAVY WEIGHT	60,229	10.15	4.10	5.02	1.59	0.00	234	
	B35HE045	MH-S	10.0 CY BUCKET, HEAVY WEIGHT	61,793	10.42	4.22	5.15	1.64	0.00	243	
	B35HE046	MH-S	12.0 CY BUCKET, HEAVY WEIGHT	73,491	12.39	5.02	6.13	1.95	0.00	289	
	B35HE047	MH-S	14.0 CY BUCKET, HEAVY WEIGHT	77,808	13.12	5.31	6.49	2.06	0.00	309	
C05			CHAIN SAWS								
			*****.HOMELITE								
	C05HO001	XL925	CHAINSAW - 31" BAR	3 HP G	717	1.55	0.10	0.15	0.02	0.39	1
C10			COMPACTORS, MANUALLY OPERATED								
			*****.BOMAG								
	C10BO001	BT 58	VIBRATORY TAMPER, 9" RAMMER	3 HP G	2,460	1.42	0.27	0.39	0.07	0.39	1
	C10BO002	BT 68	VIBRATORY TAMPER, 11" RAMMER	3 HP G	2,941	1.61	0.32	0.46	0.09	0.39	2
	C10BO003	BP 10/36	VIBRATORY PLATE, WITH 14.2" PLATE	4 HP G	1,406	1.18	0.15	0.22	0.04	0.52	2
	C10BO004	BP 15/45	VIBRATORY PLATE, WITH 17.7" PLATE	4 HP G	1,777	1.32	0.19	0.28	0.05	0.52	2
	C10BO005	BP 20/48D	VIBRATORY PLATE, WITH 18.9" PLATE	4 HP D	3,934	1.79	0.43	0.62	0.12	0.23	4
	C10BO006	BPR 30/38	VIB REVERSIBLE PLATE, W/15" PLATE	5 HP G	5,597	2.96	0.61	0.88	0.17	0.65	4
	C10BO007	BPR 30/38D	VIB REVERSIBLE PLATE, W/15" PLATE	5 HP D	6,705	2.93	0.73	1.05	0.20	0.29	4
	C10BO008	BPR 50/55D	VIB REVERSIBLE PLATE, W/31.5" PLATE	7 HP D	10,093	4.37	1.09	1.58	0.30	0.40	9

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE OWNERSHIP		ELEMENTS FUEL	CWT						
					AVERAGE	STANDBY	DEPR	CFC								
C10 COMPACTORS, MANUALLY OPERATED																

BOMAG																

	C10BO009	BW 55E	SINGLE DRUM, 22.1" WIDE, WALK-BEHIND	5 HP D	9,300	3.93	1.01	1.46	0.28	0.29						
	C10BO010	BW 35	DOUBLE DRUM, 15.4" WIDE, WALK-BEHIND	4 HP D	11,962	4.87	1.30	1.88	0.36	0.23						
	C10BO011	BW 60S	DOUBLE DRUM, 23.6" WIDE	8 HP D	14,921	6.30	1.62	2.34	0.45	0.46						
	C10BO012	BW 90S	DOUBLE DRUM, 35.5" WIDE	13 HP D	18,795	8.13	2.04	2.95	0.56	0.74						
HOMELITE																

	C10BO001	HR65	RAMMER, 11" X 13" PLATE	4 HP G	2,371	1.55	0.26	0.37	0.07	0.52						
	C10BO002	HR80	RAMMER, 12" X 13" PLATE	4 HP G	2,664	1.66	0.29	0.42	0.08	0.52						
	C10BO003	HCP120	VIBRO PLATE, 23" X 22" PLATE	5 HP G	2,387	1.72	0.26	0.37	0.07	0.65						
WACKER																

	C10WC001	BS 45Y	RAMMER, VIBRATORY, 10" X 13" SHOE	4 HP G	2,127	1.45	0.23	0.33	0.06	0.52						
	C10WC002	GVR 151Y	RAMMER, VIBRATORY, 11" X 13" SHOE	4 HP G	2,770	1.70	0.30	0.43	0.08	0.52						
	C10WC003	BS 65Y	RAMMER, VIBRATORY, 13" X 11" SHOE	4 HP G	3,641	2.04	0.40	0.57	0.11	0.52						
	C10WC004	BS 105Y	RAMMER, VIBRATORY, 16" X 15" SHOE	4 HP G	4,319	2.30	0.47	0.68	0.13	0.52						
	C10WC005	VPG 160B	VIBRO PLATE, 21" X 24" BASE PLATE	4 HP G	1,590	1.25	0.18	0.25	0.05	0.52						
	C10WC006	BPS 2550 K	VIBRO PLATE, 19.5" X 25.5" BASE PLATE	7 HP G	2,786	2.20	0.30	0.44	0.08	0.91						
	C10WC007	BPU 3345R	VIBRO PLATE, 23.5" X 35.5" BASE PLATE	7 HP G	7,774	4.11	0.84	1.22	0.23	0.91						
	C10WC008	DPU 3345H	VIBRO PLATE, 23.5" X 35.5" BASE PLATE	6 HP D	12,059	5.04	1.31	1.89	0.36	0.34						
	C10WC009	DPU 6760	VIBRO PLATE, 31.5" X 42" BASE PLATE	14 HP D	22,968	9.80	2.49	3.60	0.69	0.80						
	C10WC010	RSS 800A	28.3" WIDE X 22" DIA. VIB ROLLER	11 HP G	9,908	5.57	1.08	1.55	0.30	1.43						
			SINGLE DRUM, WALK-BEHIND													
	C10WC011	W 55 T	29.5" WIDE X 17.3 DIA. VIB ROLLER	8 HP D	14,249	6.03	1.55	2.23	0.43	0.46						
			DOUBLE DRUM, WALK-BEHIND													
	C10WC012	W 74 T	29.5" WIDE X 17.3 DIA. VIB ROLLER	8 HP D	16,228	6.79	1.76	2.54	0.49	0.46						
			DOUBLE DRUM, WALK-BEHIND													
	C10WC013	WDH 86-110(PAD)	34" WIDE X 20.5 DIA. VIB ROLLER HYDRAULIC, DOUBLE DRUM, WALK-BEHIND	12 HP D	32,651	13.37	3.54	5.12	0.98	0.68						
C15 CONCRETE BLASTERS																

BLASTRAC																

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC										
C15	CONCRETE BLASTERS																	

BLASTRAC																		
	C15BL001	1-8D & SHOP VAC	8" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECTOR (ADD 4KVA GEN)	7,047	2.49	0.66	0.92	0.20	0.00	2								
	C15BL002	1-8DP & 100-DC	8" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECTOR (ADD 5KVA GEN)	13,601	4.55	1.29	1.78	0.40	0.00	4								
	C15BL003	1-10D & 654-DC	10" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 30 KVA GEN)	27,524	9.29	2.60	3.60	0.80	0.00	16								
	C15BL004	1-15D & 654-DC	15" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 30 KVA GEN)	38,876	12.74	3.67	5.08	1.13	0.00	17								
	C15BL005	1-20D & 854-DC	20" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 75 KVA GEN)	50,112	16.17	4.74	6.55	1.46	0.00	30								
C20	CONCRETE BUGGIES																	

AEROIL PRODUCTS																		
	C20AE001	BUFFALO 800	WALK-BEHIND W/DUMP HOPPER, 800# CAP	5 HP G	2,394	1.38	0.26	0.38	0.07	0.50	3							
MULTIQUIP																		
	C20MU001	WBH-12	12 CF BUCKET, WALK & RIDE	8 HP G	6,056	2.87	0.62	0.88	0.18	0.81	18							
	C20MU002	WBH-16E	16 CF BUCKET, WALK & RIDE	11 HP G	7,459	3.68	0.77	1.10	0.22	1.11	26							
C25	CONCRETE FINISHERS																	

STOW																		
	C25ST001	36-H-804	ROTO-TROWEL - 36", 4-BLADED	8 HP G	1,698	1.61	0.19	0.27	0.05	0.81	2							
	C25ST002	46-H-804	ROTO-TROWEL - 46", 4-BLADED	8 HP G	1,836	1.65	0.20	0.29	0.05	0.81	2							
WACKER																		
	C25WC001	CT36A	POWER TROWEL, 36" DIAMETER	5 HP G	1,595	1.17	0.18	0.25	0.05	0.50	2							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
C25			CONCRETE FINISHERS								
			WACKER								
	C25WC002	CT48A	POWER TROWEL, 48" DIAMETER	8 HP G	2,128	1.74	0.23	0.33	0.06	0.81	3
C35			CONCRETE GUNTERS/SHOTCRETTERS								
			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	16,608	5.92	1.43	1.93	0.46	1.31	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	19,861	7.87	1.68	2.26	0.55	2.18	47
	C35AL003	GR-600	ROTARY GUN 1-6 CY/HR INCL. 1-1/2" HOSE, (ADD COMPRESSOR)	550 CFM A	10,186	2.75	0.86	1.16	0.28	0.00	8
	C35AL004	GR-1200	ROTARY GUN 4-12 CY/HR INCL. 1-1/2" HOSE, (ADD COMPRESSOR)	770 CFM A	20,951	5.59	1.82	2.47	0.58	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	22,420	6.76	1.95	2.65	0.62	0.86	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	25,164	7.45	2.18	2.98	0.69	0.86	87
	C35AL007	N-1	PNEUMATIC GUN, 4 CY/HR (ADD 1-1/4" HOSE & COMPRESSOR)	450 CFM A	12,546	3.42	1.10	1.50	0.35	0.00	12
	C35AL008	N-2	PNEUMATIC GUN, 6-8 CY/HR (ADD 1-1/2" HOSE AND COMPRESSOR)	600 CFM A	13,578	3.73	1.19	1.63	0.37	0.00	12
	C35AL009	N-3	PNEUMATIC GUN, 8-10 CY/HR (ADD 2" HOSE AND COMPRESSOR)	900 CFM A	14,974	4.18	1.31	1.79	0.41	0.00	13
	C35AL010	MODEL 30H	SHOTCRETE & CONCRETE PUMP 30 CY/HR, 950 PSI	40 HP D	36,608	11.70	3.19	4.36	1.01	1.92	25
	C35AL011	MODEL 40	SHOTCRETE & CONCRETE PUMP 40 CY/HR, 950 PSI	67 HP D	41,410	14.56	3.61	4.93	1.14	3.21	45

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TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
C40	CONCRETE MIXERS									
<hr/>										
STOW										
	C40ST001	CM4	4 C.F., PORTABLE	1 HP E	1,559	0.87	0.17	0.24	0.05	0.12
	C40ST002	CM4	4 C.F., PORTABLE	5 HP G	1,691	1.20	0.19	0.27	0.05	0.50
	C40ST003	CM6	6 C.F., PORTABLE	1 HP E	2,407	1.20	0.26	0.38	0.07	0.12
	C40ST004	CM6	6 C.F., PORTABLE	8 HP G	2,711	1.94	0.30	0.43	0.08	0.81
	C40ST005	CM9	9 C.F., PORTABLE	2 HP E	3,052	1.63	0.33	0.48	0.09	0.24
	C40ST006	CM9	9 C.F., PORTABLE	8 HP G	3,140	2.06	0.34	0.49	0.09	0.81
C45	CONCRETE PAVING MACHINES									
<hr/>										
CATERPILLAR										
	C45CA001	SF-175	SLIPFORM PAVER, 4 TRACK CRAWLER CURBS, MEDIAN, AND SIDEWALKS	142 HP D	162,725	39.03	10.84	12.82	4.43	6.80
	C45CA002	SF-250B	26' WIDE SLIPFORM PAVER 0-80 FT/MIN, CRAWLER MTD.	208 HP D	269,615	63.03	17.98	21.25	7.35	9.96
	C45CA003	SF-350 SER II	24' WIDE SLIPFORM PAVER 0-60 FT/MIN, CRAWLER MTD.	250 HP D	458,153	100.74	30.53	36.10	12.48	11.97
	C45CA004	SF - 550	24' WIDE SLIPFORM PAVER 0-60 FT/MIN, CRAWLER MTD.	400 HP D	542,539	125.66	36.16	42.75	14.78	19.15
	GOMACO									
	C45GO001	C-650-F	24' WIDE SLIPFORM PAVER, WITH 4' FINISHING CYLINDERS	45 HP G	35,154	13.05	2.34	2.75	0.96	4.91
	C45GO002	C-650-S	24' WIDE SLIPFORM PAVER, WITH 4' FINISHING CYLINDERS, CRAWLER MTD	45 HP G	61,086	17.86	4.07	4.81	1.66	4.91
	C45GO003	GP-1500	12' WIDE SLIPFORM PAVER 0-51 FT/MIN, CRAWLER MTD	107 HP D	126,594	30.16	8.44	9.98	3.45	5.12
	C45GO004	GP-2000	16' WIDE SLIPFORM PAVER 0-38 FT/MIN, CRAWLER MTD	185 HP D	172,035	43.42	11.47	13.56	4.69	8.86
	C45GO005	GP-2500	25' WIDE SLIPFORM PAVER 0-39 FT/MIN, CRAWLER MTD	265 HP D	232,690	59.63	15.51	18.34	6.34	12.69
	C45GO006	GP-3500	42' SLIPFORM PAVER, 2 TRACK CRAWLER	234 HP D	374,643	84.19	24.97	29.52	10.21	11.20
	C45GO007	GP-3500	42' SLIPFORM PAVER, 4 TRACK CRAWLER	234 HP D	438,353	96.06	29.21	34.54	11.94	11.20

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
C45			CONCRETE PAVING MACHINES								
			GOMACO								
	C45GO008	GP-5000	50' SLIPFORM PAVER, 2 TRACK CRAWLER	454 HP D	549,477	130.28	36.62	43.30	14.97	21.74	1,320
	C45GO009	GP-5000	50' SLIPFORM PAVER, 4 TRACK CRAWLER	454 HP D	624,405	144.24	41.61	49.20	17.01	21.74	1,500
C55			CONCRETE PUMPS								
			MORGEN								
	C55M0001	MUSTANG 25	25 CY/HOUR, TRAILER MOUNTED	30 HP G	19,840	10.09	1.57	2.06	0.54	4.12	29
	C55M0002	MUSTANG 40	40 CY/HOUR, TRAILER MOUNTED	73 HP D	35,596	13.97	2.82	3.71	0.96	4.41	43
	C55M0003	MUSTANG 50	50 CY/HOUR, TRAILER MOUNTED	110 HP D	42,084	18.37	3.34	4.39	1.14	6.65	48
	C55M0004	MUSTANG 65	65 CY/HOUR, TRAILER MOUNTED	110 HP D	44,623	18.97	3.54	4.66	1.21	6.65	49
	C55M0005	80N	80 CY/HOUR, TRAILER MOUNTED	160 HP D	100,562	35.93	7.93	10.41	2.72	9.67	120
	C55M0006	100N	100 CY/HOUR, TRAILER MOUNTED	210 HP D	111,978	42.46	8.83	11.60	3.03	12.69	125
	C55M0007	211-900/211-893	72' VERTICAL BOOM, 60 CY/HR WITH 23,100 GVW TRUCK (WITH CARRIER ENGINE)	210 HP D	167,621	55.59	13.23	17.38	4.54	12.69	300
	C55M0008	211-900/208-850	72' VERTICAL BOOM, 90 CY/HR WITH 23,100 GVW TRUCK (WITH CARRIER ENGINE)	270 HP D	191,316	61.23	15.05	19.74	5.18	12.69	300
	C55M0009	209-930/208-755	92' VERTICAL BOOM, 115 CY/HR WITH 41,300 GVW TRUCK (WITH CARRIER ENGINE)	270 HP D	243,863	78.18	19.23	25.25	6.60	16.31	350
	C55M0010	209-930/205-494	92' VERTICAL BOOM, 140 CY/HR WITH 41,300 GVW TRUCK (WITH CARRIER ENGINE)	270 HP D	254,485	80.67	20.07	26.36	6.89	16.31	360
	C55M0011	204-705/208-755	105' VERTICAL BOOM, 115 CY/HR WITH 41,300 GVW TRUCK (WITH CARRIER ENGINE)	270 HP D	268,374	83.92	21.18	27.81	7.27	16.31	350
	C55M0012	204-705/205-494	105' VERTICAL BOOM, 140 CY/HR WITH 41,300 GVW TRUCK (WITH CARRIER ENGINE)	270 HP D	278,690	86.34	22.00	28.89	7.55	16.31	360
			SCHWING AMERICA								

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC					
C55	CONCRETE PUMPS												

	SCHWING AMERICA												
	C55SC001	BPA 750	69 CY/HR, 859 PSI, TRAILER MTD	68 HP D	51,590	17.34	4.09	5.38	1.40	4.11			
	C55SC002	BPA 2000-20R	117 CY/HR, 1,565 PSI, TRAILER MTD	177 HP D	117,819	41.27	9.31	12.23	3.19	10.69			
	C55SC003	BP 3001-18R	103 CY/HR, 2,098 PSI, TRAILER MTD	213 HP D	166,951	55.57	13.21	17.38	4.52	12.87			
	C55SC004	BP 5000-18	137 CY/HR, 2,098 PSI, TRAILER MTD	354 HP D	212,424	77.15	16.85	22.20	5.75	21.39			
	C55SC005	BPL 900/KVM 23	75' BOOM, 117 CY/HR, TRUCK MTD 1,565 PSI, WITH TRUCK	210 HP D	207,410	67.60	16.30	21.36	5.62	14.69			
	C55SC006	BPL 900/KVM 28	92' BOOM, 117 CY/HR, TRUCK MTD 1,565 PSI, WITH TRUCK	210 HP D	277,231	83.97	21.84	28.66	7.51	14.69			
	C55SC007	BPL 1200/KVM 32	105' BOOM, 171 CY/HR, TRUCK MTD 1,285 PSI, WITH TRUCK	230 HP D	332,394	98.76	26.15	34.30	9.00	16.09			
	C55SC008	BPL 1200/KVM 36	118' BOOM, 171 CY/HR, TRUCK MTD 1,285 PSI, WITH TRUCK	230 HP D	419,695	119.23	33.09	43.43	11.37	16.09			
	C55SC009	BPL 1200/KVM 42	138' BOOM, 196 CY/HR, TRUCK MTD 1,184 PSI, WITH TRUCK	350 HP D	535,611	157.14	42.30	55.57	14.51	24.49			
C60	CONCRETE SAWS (sawblade wear not included)												

	FELKER/DRESSER												
	C60FE001	FC12	4" DEPTH OF CUT, 12" BLADE, HANDHELD	1 HP G	903	0.44	0.09	0.12	0.03	0.13			
	C60FE002	FC14	5" DEPTH OF CUT, 14" BLADE, HANDHELD	2 HP G	1,103	0.66	0.10	0.14	0.03	0.26			
	C60FE003	11HDCC	4-5/8" DEPTH/CUT, 14" BLADE, COMPACT	11 HP G	2,733	2.70	0.26	0.36	0.08	1.43			
	C60FE004	200KMRA-14	4-5/8" DEPTH/CUT, 14" BLADE, MIDRANGE	20 HP G	5,665	5.10	0.53	0.74	0.16	2.60			
	C60FE005	200KMRA-18	6-5/8" DEPTH/CUT, 18" BLADE, MIDRANGE	20 HP G	5,755	5.14	0.55	0.75	0.17	2.60			
	HOMELITE												
	C60HO001	HWS814	5" DEPTH OF CUT, WALK-BEHIND	8 HP G	1,591	1.85	0.16	0.21	0.05	1.04			
	C60HO002	HWS1414	5-3/4" DEPTH OF CUT, WALK-BEHIND	14 HP G	1,997	2.99	0.19	0.26	0.06	1.82			
	LONGYEAR												
	C60LY001	360-10HM	WALL SAW, 1700 PSI	10 HP G	10,875	4.95	1.03	1.42	0.32	1.30			
	C60LY002	360-35HM	WALL SAW, 2500 PSI	35 HP G	12,065	9.60	1.14	1.58	0.35	4.56			

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC									
C60	CONCRETE SAWS (sawblade wear not included)																

LONGYEAR																	
	C60LY003	800WR	5" DEPTH OF CUT, WALK-BEHIND	8 HP G	1,323	1.76	0.13	0.17	0.04	1.04							
	C60LY004	815WR	5" DEPTH OF CUT, WALK-BEHIND	11 HP G	1,665	2.39	0.16	0.22	0.05	1.43							
	C60LY005	815WR	7" DEPTH OF CUT, WALK-BEHIND	11 HP G	1,693	2.39	0.16	0.22	0.05	1.43							
	C60LY006	815EB	5" DEPTH OF CUT, WALK-BEHIND	5 HP E	1,835	1.65	0.17	0.24	0.05	0.77							
	C60LY007	1800W	5" DEPTH OF CUT, WALK-BEHIND	18 HP G	6,263	4.95	0.59	0.82	0.18	2.34							
	C60LY008	353SW	5" DEPTH OF CUT, WALK-BEHIND	35 HP G	7,702	8.30	0.73	1.01	0.22	4.56							
	C60LY009	6530-48	21" DEPTH OF CUT, WALK-BEHIND	65 HP G	14,530	15.48	1.37	1.90	0.42	8.46							
C65	CONCRETE VIBRATORS																

MASTER																	
	C65MS001	A-25010	2.5" DIA. HEAD (ADD COMPRESSOR)	40 CFM A	919	0.75	0.12	0.18	0.03	0.00							
	C65MS002	A-30010	3.0" DIA. HEAD (ADD COMPRESSOR)	64 CFM A	1,172	0.96	0.16	0.23	0.04	0.00							
	C65MS003	A-35010	3.5" DIA. HEAD (ADD COMPRESSOR)	82 CFM A	1,298	1.06	0.17	0.25	0.04	0.00							
	C65MS004	A-450SH	4.5" DIA. HEAD (ADD COMPRESSOR)	110 CFM A	1,445	1.21	0.19	0.28	0.05	0.00							
	C65MS005	A-600SH	6.0" DIA. HEAD (ADD COMPRESSOR)	125 CFM A	2,243	1.82	0.29	0.44	0.07	0.00							
WACKER																	
	C65WC001	IRE 57/240/180	HI-FREQ INTERNAL, 2-1/4"HD(ADD GEN)	1 HP E	1,339	1.28	0.17	0.26	0.04	0.11							
	C65WC002	IRE 65/240/180	HI-FREQ INTERNAL, 2-1/2"HD(ADD GEN)	2 HP E	1,412	1.51	0.18	0.28	0.04	0.22							
C75	CRANES, HYDRAULIC, SELF-PROP.																

BADGER																	
	C75BA001	4445	45 TON, ROUGH TERRAIN, 4WD	197 HP D	284,686	51.68	15.48	16.32	7.32	9.43							
	C75BA002	4455	55 TON ROUGH TERRAIN, 4WD	197 HP D	326,491	57.92	17.65	18.51	8.39	9.43							
BRODERSON																	

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC					
C75	CRANES, HYDRAULIC, SELF-PROP.												

	BRODERSON												
	C75BD001	IC-80-1D	8.5 TON YARD CRANE	64 HP G	59,941	17.35	3.29	3.50	1.54	6.99			
	C75BD002	RTR-80-3C	9 TON ROUGH TERRAIN, 4WD	97 HP G	73,884	24.03	4.06	4.31	1.90	10.59			
	C75BD003	RTR-200-3A	13.6 TON ROUGH TERRAIN, 4WD	97 HP G	94,123	26.95	5.14	5.43	2.42	10.59			
	GROVE												
	C75GV001	RT418	18 TON, ROUGH TERRAIN, 4WD	105 HP D	162,698	29.06	8.85	9.33	4.18	5.03			
	C75GV002	RT420	20 TON, ROUGH TERRAIN, 4WD	105 HP D	162,698	29.06	8.85	9.33	4.18	5.03			
	C75GV003	RT422	22 TON, ROUGH TERRAIN, 4WD	105 HP D	162,698	29.06	8.85	9.33	4.18	5.03			
	C75GV004	RT58B	15 TON, ROUGH TERRAIN, 4WD	125 HP D	162,774	30.09	8.90	9.44	4.18	5.99			
	C75GV005	RT58C	18 TON, ROUGH TERRAIN, 4WD	125 HP D	162,774	30.09	8.90	9.44	4.18	5.99			
	C75GV006	RT58D	20 TON, ROUGH TERRAIN, 4WD	125 HP D	162,774	30.09	8.90	9.44	4.18	5.99			
	C75GV007	RT58E	22 TON, ROUGH TERRAIN, 4WD	125 HP D	171,875	31.31	9.41	9.98	4.42	5.99			
	C75GV008	RT522C	22 TON, ROUGH TERRAIN, 4WD	125 HP D	202,439	36.21	10.91	11.42	5.20	5.99			
	C75GV009	RT525C	25 TON, ROUGH TERRAIN, 4WD	125 HP D	202,439	36.21	10.91	11.42	5.20	5.99			
	C75GV010	RT528C	28 TON, ROUGH TERRAIN, 4WD	125 HP D	202,439	36.21	10.91	11.42	5.20	5.99			
	C75GV011	RT630B	30 TON, ROUGH TERRAIN, 4WD	125 HP D	237,955	40.97	12.89	13.54	6.12	5.99			
	C75GV012	RT740B	40 TON, ROUGH TERRAIN, 4WD	177 HP D	330,050	55.89	17.94	18.92	8.48	8.47			
	C75GV013	RT745	45 TON, ROUGH TERRAIN, 4WD	198 HP D	346,687	60.01	18.92	20.01	8.91	9.48			
	C75GV014	RT760	60 TON, ROUGH TERRAIN, 4WD	198 HP D	401,352	68.64	21.66	22.67	10.32	9.48			
	C75GV015	RT875	75 TON, ROUGH TERRAIN, 4WD	230 HP D	487,058	82.29	26.36	27.68	12.52	11.01			
	C75GV016	RT990	90 TON, ROUGH TERRAIN, 4WD	280 HP D	643,735	106.94	34.13	35.15	16.55	13.41			
	C75GV017	RT1650	165 TON, ROUGH TERRAIN, 8WD	512 HP D	1,254,552	207.22	67.83	71.16	32.25	24.51			
	LORAIN												
	C75LO001	LRT150D	15 TON, ROUGH TERRAIN, 4WD	125 HP D	141,443	27.67	7.63	7.97	3.64	5.99			
	C75LO002	LRT180D	18 TON, ROUGH TERRAIN, 4WD	125 HP D	161,171	30.31	8.72	9.15	4.14	5.99			
	C75LO003	LRT200D	20 TON, ROUGH TERRAIN, 4WD	125 HP D	168,593	31.29	9.13	9.59	4.33	5.99			
	C75LO004	LRT230D	23 TON, ROUGH TERRAIN, 4WD	125 HP D	175,828	32.26	9.53	10.02	4.52	5.99			
	C75LO005	LRT250D	25 TON, ROUGH TERRAIN, 4WD	125 HP D	191,269	34.33	10.39	10.94	4.92	5.99			
	C75LO006	LRT275D	27.5 TON, ROUGH TERRAIN, 4WD	125 HP D	197,133	35.11	10.72	11.29	5.07	5.99			
	C75LO007	LRT330	33 TON, ROUGH TERRAIN, 4WD	180 HP D	230,647	43.30	12.51	13.15	5.93	8.62			
	P & H/HARNISCHFEGER												

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC										
C75	CRANES, HYDRAULIC, SELF-PROP.																	
P & H/HARNISCHFEGER																		
C75PH001 CN 115 15 TON, ROUGH TERRAIN, 4WD 130 HP D 177,684 32.61 9.68 10.22 4.57 6.22 437																		
C75PH002 CN 118 18 TON, ROUGH TERRAIN, 4WD 130 HP D 182,331 33.24 9.94 10.50 4.69 6.22 438																		
C75PH003 CN 120 20 TON, ROUGH TERRAIN, 4WD 130 HP D 192,968 34.65 10.53 11.13 4.96 6.22 439																		
C75PH004 CN 122 22 TON, ROUGH TERRAIN, 4WD 130 HP D 193,894 34.77 10.57 11.18 4.98 6.22 440																		
C75PH005 CN 125 25 TON, ROUGH TERRAIN, 4WD 130 HP D 202,723 36.00 11.05 11.68 5.21 6.22 500																		
C75PH006 CN 30 30 TON, ROUGH TERRAIN, 4WD 155 HP D 243,863 43.21 13.31 14.07 6.27 7.42 550																		
C75PH007 CN 35 35 TON, ROUGH TERRAIN, 4WD 155 HP D 251,941 44.29 13.76 14.55 6.48 7.42 560																		
C75PH008 OMEGA 40 40 TON, ROUGH TERRAIN, 4WD 202 HP D 337,719 59.06 18.42 19.47 8.68 9.67 760																		
C75PH009 OMEGA 45 45 TON, ROUGH TERRAIN, 4WD 202 HP D 349,366 61.48 18.87 19.78 8.98 9.67 770																		
C75PH010 OMEGA 50 50 TON, ROUGH TERRAIN, 4WD 202 HP D 361,998 63.16 19.57 20.53 9.30 9.67 780																		
C75PH011 OMEGA 65 65 TON, ROUGH TERRAIN, 4WD 235 HP D 463,733 79.49 25.07 26.29 11.92 11.25 980																		
TADANO																		
C75TD001 TR-200E 22 TON, ROUGH TERRAIN, 4WD 153 HP D 192,864 36.23 10.49 11.06 4.96 7.33 430																		
C75TD002 TR-250E 27.5TON, ROUGH TERRAIN, 4WD 153 HP D 219,384 39.76 11.96 12.63 5.64 7.33 508																		
C75TD003 TR-300E 33 TON, ROUGH TERRAIN, 4WD 190 HP D 259,661 47.50 14.18 15.01 6.67 9.10 566																		
C75TD004 TR-400E 45 TON, ROUGH TERRAIN, 4WD 190 HP D 399,951 66.64 21.87 23.18 10.28 9.10 843																		
C75TD005 TR-500E 55 TON, ROUGH TERRAIN, 4WD 190 HP D 445,452 74.03 24.10 25.29 11.45 9.10 932																		
C80	CRANES, HYDRAULIC, TRUCK MTD																	
.01 UNDER 26 TON																		
GROVE																		
C80GV001 TMS-522 22 TON, WITH 70' BOOM, 6X4WD 175 HP D 220,087 36.88 12.11 12.89 5.66 7.18 444																		
LINK BELT (FMC)																		
C80LI001 HTC-814 14 TON, WITH 80' BOOM 200 HP D 244,172 41.26 13.43 14.29 6.28 8.21 482																		
C80LI002 HTC-825S 25 TON, WITH 80' BOOM 205 HP D 234,579 40.36 12.90 13.73 6.03 8.41 499																		
P & H/HARNISCHFEGER																		

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT	
					AVERAGE	STANDBY	DEPR	CFC			
C80			CRANES, HYDRAULIC, TRUCK MTD								
	.01		UNDER 26 TON								
			P & H/HARNISCHFEGER								
		C80PH001	CN T-250 25 TON, WITH 80' BOOM	210 HP D	239,045	41.18	13.14	14.00	6.14	8.62	492
	.02		26 TON THRU 65 TON								
			GROVE								
		C80GV002	TMS-527.5 27.5 TON, WITH 70' BOOM, 6X4WD	175 HP D	226,610	35.39	11.57	11.62	5.76	7.18	447
		C80GV003	TMS-528B 28 TON, WITH 80' BOOM, 6X4WD	175 HP D	241,936	37.16	12.35	12.40	6.15	7.18	466
		C80GV004	TMS-250C 35 TON, WITH 80' BOOM, 6X4WD	163 HP D	264,085	39.09	13.49	13.55	6.71	6.69	494
		C80GV005	TMS-300B 40 TON, WITH 104' BOOM, 8X4WD	205 HP D	325,890	48.57	16.61	16.65	8.28	8.41	718
		C80GV006	TMS-475 50 TON, WITH 84' BOOM, 8X4WD	205 HP D	375,501	54.27	19.17	19.24	9.55	8.41	744
		C80GV007	TMS-760 60 TON, WITH 115' BOOM, 8X4WD	251 HP D	436,738	63.67	22.31	22.41	11.10	10.30	856
			LINK BELT (FMC)								
		C80LI003	HTC-830 30 TON WITH 80' BOOM	210 HP D	265,537	41.72	13.56	13.62	6.75	8.62	505
		C80LI004	HTC-835 35 TON WITH 101' BOOM	210 HP D	278,708	43.22	14.23	14.30	7.08	8.62	525
		C80LI005	HTC-840 40 TON WITH 110' BOOM	240 HP D	331,026	50.97	16.87	16.92	8.41	9.85	650
		C80LI006	HTC-850 50 TON WITH 110' BOOM	240 HP D	362,200	54.58	18.48	18.53	9.21	9.85	730
		C80LI007	HTC-860 60 TON WITH 110' BOOM	240 HP D	377,865	56.40	19.27	19.32	9.61	9.85	757
			P & H/HARNISCHFEGER								
		C80PH002	CN T-300 30 TON WITH 100' BOOM	210 HP D	258,650	40.74	13.24	13.33	6.57	8.62	523
		C80PH003	CN T-350 35 TON WITH 110' BOOM	210 HP D	265,758	41.56	13.61	13.70	6.76	8.62	525
		C80PH004	CN T-400 40 TON WITH 106' BOOM	225 HP D	343,340	51.61	17.51	17.56	8.73	9.23	730
		C80PH005	OMEGA T-450 45 TON WITH 140' BOOM	225 HP D	364,203	54.00	18.59	18.65	9.26	9.23	758
		C80PH006	OMEGA T-500 50 TON WITH 140' BOOM	225 HP D	376,950	55.45	19.24	19.31	9.58	9.23	760
		C80PH007	CN T-650 65 TON WITH 147' BOOM	335 HP D	434,697	67.76	22.21	22.32	11.05	13.75	900
	.03		66 TON THRU 125 TON								
			GROVE								

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
C80 CRANES, HYDRAULIC, TRUCK MTD										
.03	66 TON THRU 125 TON									
GROVE										
C80GV008	TMS-875	75 TON, WITH 114' BOOM, 8X4WD	251 HP D	478,216	66.75	22.83	21.49	12.08	10.30	1,008
C80GV009	TM-880	80 TON, WITH 114' BOOM, 8X4WD (WITH CARRIER ENGINE)	200 HP D	556,554	75.60	26.66	25.19	14.06	10.66	1,104
C80GV010	TM-890	90 TON, WITH 114' BOOM, 8X4WD (WITH CARRIER ENGINE)	310 HP D	564,716	76.77	26.99	25.46	14.26	10.62	1,205
.04	OVER 125 TON			304 HP D						
GROVE										
C80GV011	TM-1300	130 TON, WITH 140' BOOM, 12X6WD (WITH CARRIER ENGINE)	163 HP D	864,014	105.03	39.22	35.08	21.68	9.34	1,672
C80GV012	TM-1500	150 TON, WITH 173' BOOM, 12X6WD (WITH CARRIER ENGINE)	335 HP D	1,046,340	124.70	47.60	42.67	26.26	9.79	1,921
C85 CRANES, MECHANICAL, CRAWLER MTD										
.10	DRAGLINE, CLAMSHELL									
.11	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	313,906	55.67	19.07	21.79	8.17	6.06	930
P & H/HARNISCHFEGER										
C85PH001	320H	.75 CY, DRAGLINE/CLAM (ADD BUCKET) 50' BOOM, 13'-7" CRAWLERS W/30" SHOES	93 HP D	177,992	30.95	10.81	12.36	4.63	2.97	580
.12	OVER 1 CY THRU 2-1/2 CY									

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TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
C85			CRANES, MECHANICAL, CRAWLER MTD							
	.12		OVER 1 CY THRU 2-1/2 CY							
			AMERICAN CRANE							
	C85AM001	4220	1.25 CY DRAGLINE/CLAM (ADD BUCKET) WITH 65' BOOM	93 HP D	237,774	36.45	13.19	14.15	6.11	2.97
	C85AM002	5220	2.00 CY DRAGLINE/CLAM (ADD BUCKET) WITH 65' BOOM	125 HP D	328,930	50.26	18.24	19.57	8.45	3.99
			NORTHWEST							
	C85NO002	50-D/5035	1.25 CY, DRAGLINE/CLAM (ADD BUCKET) 50' BOOM, 15'-4" CRAWLERS W/30" SHOES	190 HP D	317,567	51.49	17.61	18.90	8.16	6.06
	C85NO003	50-D/5050	2.0 CY, DRAGLINE/CLAM (ADD BUCKET) 60' BOOM, 15'-4" CRAWLERS W/30" SHOES	238 HP D	373,745	61.22	20.73	22.24	9.61	7.60
	C85NO004	70-D/7060	2.5 CY, DRAGLINE/CLAM (ADD BUCKET) 50' BOOM, 19'-0" CRAWLERS W/30" SHOES	238 HP D	525,953	82.00	29.17	31.29	13.52	7.60
			P & H/HARNISCHFEGER							
	C85PH002	C-65	2.00 CY, DRAGLINE/CLAM (ADD BUCKET) 90' BOOM, 18'-2" CRAWLERS W/30" SHOES	130 HP D	390,479	58.88	21.66	23.23	10.04	4.15
	.13		OVER 2-1/2 CY THRU 5 CY							
			AMERICAN CRANE							
	C85AM003	9225	4.50 CY DRAGLINE/CLAM (ADD BUCKET) WITH 95' BOOM	279 HP D	773,632	109.70	39.81	40.28	19.67	8.91
			MANITOWOC							
	C85MA001	3900 VICON	3.5 CY, DRAGLINE/CLAM (ADD BUCKET) 100' BOOM, 20'-4" CRAWLERS W/38" SHOES	287 HP D	588,340	86.33	30.28	30.63	14.96	9.16
	C85MA002	4100W VICON #1	5.0 CY, DRAGLINE/CLAM (ADD BUCKET) 130' BOOM, 26'-6" CRAWLERS W/48" SHOES	360 HP D	989,397	140.40	50.91	51.51	25.15	11.49
			NORTHWEST							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
C85			CRANES, MECHANICAL, CRAWLER MTD							
	.13		OVER 2-1/2 CY THRU 5 CY							
			NORTHWEST							
		C85NO005	70-D/7080 3.5 CY, DRAGLINE/CLAM (ADD BUCKET) 80' BOOM, 19'-0" CRAWLERS W/30" SHOES	238 HP D	618,950	88.32	31.84	32.22	15.73	7.60 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	587,357	86.85	30.22	30.58	14.93	9.70 1,580
			P & H/HARNISCHFEGER							
		C85PH003	5100 3.00 CY, DRAGLINE/CLAM (ADD BUCKET) 105' BOOM, 21'-6" CRAWLERS W/36" SHOES	188 HP D	632,144	88.07	32.53	32.91	16.07	6.00 1,485
		C85PH004	C-120 4.00 CY, DRAGLINE/CLAM (ADD BUCKET) 115' BOOM, 24'-0" CRAWLERS W/36" SHOES	260 HP D	639,736	91.85	32.92	33.31	16.26	8.30 2,203
		C85PH005	C-165 5.00 CY, DRAGLINE/CLAM (ADD BUCKET) 135' BOOM, 26'-3" CRAWLERS W/42" SHOES	260 HP D	845,091	118.08	43.48	44.00	21.48	8.30 2,510
	.14		OVER 5 CY							
			AMERICAN CRANE							
		C85AM004	12220 37.5 TON CLAMSHELL (ADD BUCKET) 120' BOOM, 32'-3" CRAWLERS W/60" SHOES	900 HP D	2,077,676	286.75	100.56	96.15	52.48	28.73 6,670
		C85AM005	12220 23 TON DRAGLINE (ADD BUCKET) 140' BOOM, 32'-3" CRAWLERS W/60" SHOES	900 HP D	2,085,486	287.68	100.93	96.51	52.67	28.73 6,566
			MANITOWOC							
		C85MA003	4600 VICON #3 7.0 CY, DRAGLINE/CLAM (ADD BUCKET) 130' BOOM, 26'-1" CRAWLERS W/60" SHOES	685 HP D	1,548,678	214.30	74.95	71.67	39.11	21.87 5,100
			NORTHWEST							
		C85NO007	190-D 6.5 CY, DRAGLINE (ADD BUCKET) 85' BOOM, 21'-1" CRAWLERS W/60" SHOES	456 HP D	790,163	113.56	38.25	36.57	19.96	14.56 2,740
	.20		LIFTING							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
C85			CRANES, MECHANICAL, CRAWLER MTD							
			*****.20 LIFTING							
			.21 0 THRU 25 TON							
			P & H/HARNISCHFEGER							
	C85PH006	320H	25 TON LIFTING CRANE WITH 50' BOOM 13'-7" CRAWLERS WITH 30" SHOES	93 HP D	181,142	27.03	10.49	11.61	4.68	2.33
			.22 26 TON THRU 50 TON							
			AMERICAN CRANE							
	C85AM006	4220	34 TON LIFTCRANE WITH 65' BOOM 15'-8" CRAWLERS WITH 32" SHOES	93 HP D	246,436	33.20	13.14	13.69	6.29	2.33
	C85AM007	5220	50 TON LIFTCRANE WITH 65' BOOM 16'-0" CRAWLERS WITH 36" SHOES	125 HP D	339,207	45.61	18.08	18.84	8.66	3.14
			LINK BELT							
	C85LB001	LS-78C	27.5 TON LIFTING CRANE W/40' BOOM 13'-7" CRAWLERS W/24" SHOES	100 HP D	229,996	31.37	12.26	12.77	5.87	2.51
	C85LB002	LS-98C	40 TON LIFTING CRANE W/50' BOOM 16'-9" CRAWLERS W/30" SHOES	120 HP D	282,650	38.48	15.07	15.70	7.22	3.01
	C85LB003	LS-108C	45 TON LIFTING CRANE W/50' BOOM 16'-9" CRAWLERS W/30" SHOES	120 HP D	295,028	40.00	15.73	16.38	7.54	3.01
	C85LB004	LS-110C	50 TON LIFTING CRANE W/50' BOOM 18'-5" CRAWLERS W/30" SHOES	120 HP D	351,147	46.92	18.72	19.50	8.97	3.01
			NORTHWEST							
	C85N0008	50-D/5030	30 TON LIFTING CRANE W/40' BOOM 15'-4" CRAWLERS W/30" SHOES	190 HP D	287,520	41.18	15.33	15.97	7.34	4.77
	C85N0009	50-D/5035	35 TON LIFTING CRANE W/50' BOOM 15'-4" CRAWLERS W/30" SHOES	190 HP D	289,852	41.47	15.45	16.10	7.40	4.77
	C85N0010	50-D/5050	50 TON LIFTING CRANE W/60' BOOM 15'-4" CRAWLERS W/30" SHOES	238 HP D	371,948	53.04	19.83	20.66	9.50	5.97

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
C85			CRANES, MECHANICAL, CRAWLER MTD								
	.23		51 TON THRU 150 TON								
			AMERICAN CRANE								
	C85AM008	5299A	60 TON LIFTCRANE WITH 75' BOOM 17'-6" CRAWLERS WITH 36" SHOES	125 HP D	391,691	47.50	18.96	18.13	9.89	3.14	1,160
	C85AM009	5300	70 TON LIFTCRANE WITH 160' BOOM 17'-6" CRAWLERS WITH 36" SHOES	125 HP D	446,032	53.56	21.59	20.64	11.27	3.14	1,290
	C85AM010	7225	85 TON LIFTCRANE WITH 160' BOOM 18'-7" CRAWLERS WITH 38" SHOES	213 HP D	575,823	70.71	27.87	26.65	14.54	5.34	1,480
	C85AM011	9225	150 TON LIFTCRANE WITH 190' BOOM 23'-9" CRAWLERS WITH 44" SHOES	279 HP D	818,428	99.78	39.61	37.88	20.67	7.00	2,750
			LINK BELT								
	C85LB005	LS-138H	75 TON LIFTING CRANE W/150' BOOM 19'-5" CRAWLERS W/36" SHOES	195 HP D	478,063	59.26	23.13	22.12	12.07	4.89	1,445
	C85LB006	LS-208H	75 TON LIFTING CRANE W/200' BOOM 19'-5" CRAWLERS W/36" SHOES	250 HP D	564,199	70.55	27.31	26.11	14.25	6.27	1,865
	C85LB007	LS-218H	100 TON LIFTING CRANE W/230' BOOM 21'-4" CRAWLERS W/36" SHOES	247 HP D	709,006	86.59	34.32	32.81	17.91	6.19	2,235
			MANITOWOC								
	C85MA004	3900 VICON	100 TON LIFTING CRANE W/210' BOOM 20'-4" CRAWLERS W/38" SHOES	287 HP D	645,708	80.76	31.25	29.88	16.31	7.20	2,354
	C85MA005	3900W VICON #2	140 TON LIFTING CRANE W/250' BOOM 24'-0" CRAWLERS W/48" SHOES	300 HP D	763,107	94.24	36.93	35.31	19.27	7.52	2,815
			NORTHWEST								
	C85NO011	70-D/7060	60 TON LIFTING CRANE W/50' BOOM 19'-0" CRAWLERS W/30" SHOES	238 HP D	517,782	65.00	25.06	23.96	13.08	5.97	1,403
	C85NO012	70-D/7080	80 TON LIFTING CRANE W/160' BOOM 19'-0" CRAWLERS W/30" SHOES	238 HP D	635,866	78.17	30.78	29.43	16.06	5.97	1,524
	C85NO013	95-D/9570-WT	60 TON LIFTING CRANE W/50' BOOM 19'-0" CRAWLERS W/38" SHOES	304 HP D	579,274	73.88	28.04	26.81	14.63	7.62	1,565
	C85NO014	190-D	100 TON LIFTING CRANE W/170' BOOM 21'-1" CRAWLERS W/60" SHOES	456 HP D	817,042	105.05	39.55	37.81	20.64	11.44	2,872

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
C85			CRANES, MECHANICAL, CRAWLER MTD							
	.23	51 TON THRU 150 TON								
			P & H/HARNISCHFEGER							
	C85PH007	C-65	65 TON LIFTING CRANE W/180' BOOM 18'-2" CRAWLERS WITH 30" SHOES	130 HP D	421,240	50.94	20.39	19.49	10.64	3.26 1,352
	C85PH008	5100	100 TON LIFTING CRANE W/210' BOOM 21'-6" CRAWLERS WITH 36" SHOES	188 HP D	695,882	83.34	33.68	32.20	17.58	4.72 1,880
	C85PH009	C-120	120 TON LIFTING CRANE W/230' BOOM 24'-0" CRAWLERS WITH 36" SHOES	260 HP D	693,453	85.25	33.56	32.09	17.51	6.52 2,340
	.24	OVER 150 TON								
			AMERICAN CRANE							
	C85AM012	9300	225 TON LIFTING CRANE W/280' BOOM 26'-6" CRAWLERS WITH 44" SHOES	297 HP D	1,001,814	116.38	46.01	41.73	25.14	7.45 3,790
	C85AM013	9320	250 TON LIFTING CRANE W/280' BOOM 28'-2" CRAWLERS WITH 50" SHOES	297 HP D	1,153,359	132.59	52.96	48.04	28.94	7.45 4,050
	C85AM014	10320	350 TON LIFTING CRANE W/280' BOOM 31'-4" CRAWLERS WITH 50" SHOES	519 HP D	1,722,461	200.34	79.09	71.74	43.22	13.02 5,510
	C85AM015	11320	450 TON LIFTING CRANE W/280' BOOM 33'-0" CRAWLERS WITH 60" SHOES	519 HP D	2,336,139	265.97	107.27	97.30	58.62	13.02 6,860
			LINK BELT							
	C85LB008	LS-918	400 TON LIFTING CRANE W/340' BOOM 34'-10" CRAWLERS W/60" SHOES	600 HP D	2,622,396	299.11	120.42	109.22	65.81	15.05 6,783
	C85LB009	LS-1018	500 TON LIFTING CRANE W/340' BOOM 38'-6" CRAWLERS W/60" SHOES	600 HP D	3,134,499	353.88	143.94	130.55	78.66	15.05 8,021
			MANITOWOC							
	C85MA006	4100W VICON #1	200 TON LIFTING CRANE W/260' BOOM 26'-6" CRAWLERS W/48" SHOES	360 HP D	1,061,778	124.74	48.75	44.22	26.64	9.03 3,929
	C85MA007	4600 VICON #3	240 TON LIFTING CRANE W/260' BOOM 26'-1" CRAWLERS W/60" SHOES	685 HP D	1,565,205	188.69	71.88	65.19	39.28	17.18 5,200
			P & H/HARNISCHFEGER							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
C85			CRANES, MECHANICAL, CRAWLER MTD								
	.24		OVER 150 TON								
			P & H/HARNISCHFEGER								
	C85PH010	C-165	165 TON LIFTING CRANE W/270' BOOM 26'-3" CRAWLERS WITH 42" SHOES	260 HP D	937,572	108.35	43.06	39.05	23.53	6.52	3,333
	C85PH011	DELTA 5250	250 TON LIFTING CRANE W/290' BOOM 30'-5" CRAWLERS WITH 48" SHOES	328 HP D	1,228,809	141.62	56.43	51.18	30.84	8.23	4,373
C90			CRANES, MECHANICAL, TRUCK MTD								
	.01		UNDER 26 TON								
	.02		26 TON THRU 65 TON								
			LINK BELT (FMC)								
	C90LI001	HC78B	35 TON WITH 100' BOOM (WITH CARRIER ENGINE)	84 HP D 205 HP D	375,196	50.09	19.14	19.20	9.54	5.07	773
	C90LI002	HC108C	50 TON WITH 150' BOOM (WITH CARRIER ENGINE)	110 HP D 318 HP D	432,088	59.65	21.93	21.90	10.98	7.03	1,197
	.03		66 TON THRU 125 TON								
			AMERICAN CRANE								
	C90AM001	5530	75 TON WITH 170' BOOM (WITH CARRIER ENGINE)	128 HP D 238 HP D	522,830	67.45	25.04	23.66	13.21	7.14	1,245
	C90AM002	7150	125 TON WITH 240' BOOM (WITH CARRIER ENGINE)	330 HP D 330 HP D	716,560	100.08	34.39	32.58	18.10	16.16	1,900
			LINK BELT (FMC)								
	C90LI003	HC218A	100 TON WITH 220' BOOM (WITH CARRIER ENGINE)	165 HP D 318 HP D	687,316	88.48	32.93	31.13	17.36	9.29	1,688

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT		
					AVERAGE	STANDBY	DEPR	CFC				
C90	CRANES, MECHANICAL, TRUCK MTD											
	.04	OVER 125 TON										
	AMERICAN CRANE											
	C90AM003	8470	180 TON WITH 240' BOOM (WITH CARRIER ENGINE)	268 HP D	1,034,819	127.04	47.31	42.68	25.97	13.77 2,520		
	C90AM004	9530	220 TON WITH 260' BOOM (WITH CARRIER ENGINE)	350 HP D	1,405,450	169.79	63.85	57.15	35.27	14.56 3,480		
	LINK BELT (FMC)											
	C90LI004	HC238B	140 TON WITH 230' BOOM (WITH CARRIER ENGINE)	165 HP D	794,037	96.74	36.16	32.46	19.93	9.29 2,220		
	C90LI005	HC268	250 TON WITH 310' BOOM (WITH CARRIER ENGINE)	318 HP D	1,217,528	150.95	55.45	49.80	30.55	16.37 2,852		
	P & H/HARNISCHFEGER											
	C90PH001	9150	150 TON WITH 270' BOOM (WITH CARRIER ENGINE)	210 HP D	911,754	111.72	41.57	37.37	22.88	11.39 1,805		
	C90PH002	6250TC	300 TON WITH 320' BOOM (WITH CARRIER ENGINE)	350 HP D	1,964,956	232.22	89.73	80.84	49.31	18.50 3,928		
C95	CRANES, TOWER											
	AMERICAN PECCO											
	C95AP001	SK135-2	FREE STANDING, 7500# @ 132' R. (L2) TOWER SECTS=103 FT HIGH	110 HP E	338,523	60.56	16.20	14.61	8.89	12.16 740		
	C95AP002	S16	OPT. 14' 9 1/4" TOWER SECT (ADD TO SK135-2 CRANE FOR EA SECT)		14,516	1.59	0.70	0.63	0.38	0.00 51		
	C95AP003		TOP CLIMBING OPT. (ADD TO SK135-2)		54,005	5.91	2.59	2.33	1.42	0.00 118		
	C95AP004	SK200	FREE STANDING, 10600# @ 143' R. (L2) TOWER SECTS=103 FT HIGH	160 HP E	508,716	87.47	24.35	21.96	13.37	17.68 883		
	C95AP005	S16	OPT. 14' 9 1/4" TOWER SECT (ADD TO SK200 CRANE FOR EA SECT)		17,256	1.88	0.82	0.74	0.45	0.00 51		
	C95AP006		TOP CLIMBING OPT. (ADD TO SK200)		64,431	7.04	3.08	2.78	1.69	0.00 118		

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC						
C95	CRANES, TOWER *****													
	AMERICAN PECCO													
	C95AP007	SK400	FREE STANDING, 18500# @ 162' R. (L2) TOWER SECTS=116 FT HIGH	173 HP E	673,420	107.64	32.23	29.07	17.69	19.12	1,216			
	C95AP008	S35	OPT. 19' 4 1/4" TOWER SECT (ADD TO SK400 CRANE FOR EA SECT)		23,417	2.57	1.13	1.01	0.62	0.00	84			
	C95AP009		TOP CLIMBING OPT. (ADD TO SK400)		71,312	7.80	3.41	3.08	1.87	0.00	223			
	C95AP010	SK560	FREE STANDING, 24500# @ 170' R. (L2) TOWER SECTS=116 FT HIGH	253 HP E	897,024	145.36	42.93	38.72	23.57	27.96	1,547			
	C95AP011	S213	OPT. 19' 4 1/4" TOWER SECT (ADD TO SK560 CRANE FOR EA SECT)		24,890	2.71	1.19	1.07	0.65	0.00	100			
	C95AP012		TOP CLIMBING OPT. (ADD TO SK560)		136,635	14.95	6.54	5.90	3.59	0.00	252			
	C95AP013	SN355	FREE STANDING, 12300# @ 165' R. (L2) TOWER SECTS=116' HIGH, W/LUFFING BOOM	221 HP E	887,651	139.03	42.48	38.32	23.32	24.42	2,152			
	C95AP014	S35	OPT. 19' 4 1/4" TOWER SECT (ADD TO SN355 CRANE FOR EA SECT)		23,417	2.57	1.13	1.01	0.62	0.00	84			
	C95AP015		TOP CLIMBING OPT. (ADD TO SN355)		144,162	15.77	6.90	6.22	3.79	0.00	159			
D10	DRILLS, AIR TRACK, CRAWLER MTD *****													
	GARDNER DENVER													
	D10GD001	ATD3800S/PR55A	3.5" HOLE, 12' FEED (ADD COMPR)	600 CFM A	91,884	18.02	6.12	7.21	2.51	0.00	92			
	D10GD002	ATD3800SPR123JA	4.0" HOLE, 12' FEED (ADD COMPR)	750 CFM A	93,646	18.35	6.24	7.35	2.56	0.00	91			
	D10GD003	ATD3800S/PR66B	4.0" HOLE, 12' FEED (ADD COMPR)	900 CFM A	96,592	18.90	6.43	7.58	2.64	0.00	93			
	D10GD004	ATD3800T/PR55A	ANGLE DRILL, 3.5" HOLE, 20' FEED (ADD COMPRESSOR)	600 CFM A	99,932	19.57	6.65	7.84	2.73	0.00	123			
	D10GD005	ATD3800TPR123JA	ANGLE DRILL, 4.0" HOLE, 20' FEED (ADD COMPRESSOR)	750 CFM A	101,825	19.93	6.78	7.99	2.78	0.00	124			
	D10GD006	ATD3800T/PR66B	ANGLE DRILL, 4.0" HOLE, 20' FEED (ADD COMPRESSOR)	900 CFM A	104,685	20.47	6.97	8.22	2.86	0.00	125			
	D10GD007	SCH2500	HYDRAULIC DRILL, 12' CHAIN FEED	152 HP D	177,652	43.29	11.83	13.95	4.85	7.80	144			
	D10GD008	SCH3500BV1	HYDRAULIC DRILL, 12' CHAIN FEED	223 HP D	253,342	62.14	16.86	19.89	6.91	11.44	125			
	INGERSOLL-RAND													

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC					
D10	DRILLS, AIR TRACK, CRAWLER MTD *****												
INGERSOLL-RAND													
	D10IN001	ECM360/EVL130HR	HYDRA DRILL 2.5-4.0" HOLE, 12' FEED	215 HP D	172,249	46.41	11.46	13.52	4.70	11.03			
	D10IN002	ECM350/VL671	3.0-4.0" HOLE 12' FEED (ADD COMPR)	900 CFM A	108,071	21.10	7.19	8.48	2.95	0.00			
	D10IN003	ECM350/VL140	2.5-4.0" HOLE 12' FEED (ADD COMPR)	750 CFM A	95,396	18.67	6.35	7.49	2.60	0.00			
SULLIVAN													
	D10SU001	MAVRICK, VCR350	2.5" HOLE, 12' FEED (ADD COMPR)	450 CFM A	37,457	7.51	2.49	2.94	1.02	0.00			
	D10SU002	RAM STD, VCR360	2.5"-4.0" HOLE, 12' FEED (ADD COMPR)	600 CFM A	107,741	21.00	7.17	8.46	2.94	0.00			
	D10SU003	RAM EXT, VCR361	3.0"-4.0" HOLE, 12' FEED (ADD COMPR)	850 CFM A	113,285	22.04	7.54	8.89	3.09	0.00			
	D10SU004	MUSTANG, VCR280	4.0"-5.5" HOLE, 20' FEED (ADD COMPR)	1200 CFM A	152,062	29.41	10.12	11.94	4.15	0.00			
D15	DRILLS, BORING MACHINES *****												
BOR-IT													
	D15BI001	16	16" DIA. AUGER, 40-FT LONG W/DIRTHD	10 HP G	8,395	3.04	0.56	0.66	0.23	1.16			
	D15BI002	20	20" DIA. AUGER, 40-FT LONG W/DIRTHD	16 HP G	13,017	4.79	0.87	1.02	0.36	1.86			
	D15BI003	24	24" DIA. AUGER, 40-FT LONG W/DIRTHD	31 HP D	15,489	4.82	1.03	1.22	0.42	1.59			
	D15BI004	30	30" DIA. AUGER, 40-FT LONG W/DIRTHD	45 HP D	31,422	8.60	2.10	2.47	0.86	2.31			
	D15BI005	36	36" DIA. AUGER, 40-FT LONG W/DIRTHD	65 HP D	41,733	11.75	2.78	3.28	1.14	3.33			
	D15BI006	48	48" DIA. AUGER, 40-FT LONG W/DIRTHD	90 HP D	65,705	17.69	4.37	5.16	1.79	4.62			
	D15BI007	60	60" DIA. AUGER, 40-FT LONG W/DIRTHD	110 HP D	85,999	22.64	5.73	6.75	2.35	5.64			
D20	DRILLS, CORE, COLUMN MOUNTED *****												
ACKER DRILL													
	D20AD001	610-E	4" DIA. MAX CORE HOLE	1 HP E	2,360	0.90	0.19	0.23	0.07	0.14			
	D20AD002	930-E	9" DIA. MAX CORE HOLE	2 HP E	2,912	1.26	0.23	0.29	0.08	0.27			
	D20AD003	1050-E	10" DIA. MAX CORE HOLE	3 HP E	4,656	1.88	0.36	0.46	0.13	0.41			
	D20AD004	1080-E	10" DIA. MAX CORE HOLE	11 HP E	10,654	5.43	0.83	1.05	0.30	1.50			

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
D20			DRILLS, CORE, COLUMN MOUNTED								
			LONGYEAR								
	D20LY001	752/E4-230	DRILL, WITH E4-230 MOTOR (110V)	3 HP E	4,499	2.05	0.35	0.44	0.13	0.41	2
	D20LY002	42N/A4-350	DRILL, W/A4-350 MOTOR, (ADD COMPR)	185 CFM A	4,793	1.62	0.37	0.47	0.13	0.00	3
D25			DRILLS, CORE, SKID MOUNTED								
			ACKER DRILL								
	D25AD001	ACE, MODEL C	NX, 400' MAX DRILL DEPTH	20 HP D	28,693	6.65	1.91	2.25	0.78	1.03	35
	D25AD002	TEREDO MARK-II	NX, 1000' MAX DRILL DEPTH	48 HP D	38,916	10.34	2.59	3.05	1.06	2.46	45
	D25AD003	BUSH MASTER	NX, 900' MAX DRILL DEPTH	52 HP D	52,842	13.22	3.52	4.15	1.44	2.67	45
			SPRAGUE AND HENWOOD								
	D25SP001	37	NWG-NWM, 400' MAX	30 HP G	18,504	7.51	1.23	1.45	0.50	3.49	16
	D25SP002	37-H	NWG-NWM, 500' MAX	23 HP G	19,981	6.85	1.34	1.57	0.55	2.67	18
	D25SP003	40-CL	NWX, 1050' MAX, MECHANICAL	40 HP G	29,803	10.97	1.98	2.34	0.81	4.65	34
	D25SP004	40-CLH	NWX, 1050' MAX, HYDRAULIC	46 HP G	32,940	12.39	2.20	2.59	0.90	5.35	43
	D25SP005	142-HD	NWXL, 2500' MAX	91 HP G	42,782	20.29	2.85	3.36	1.17	10.57	42
	D25SP006	20 MF	AWG/AWM 180' MAX, WITH TRAILER	35 HP D	24,988	6.92	1.65	1.94	0.68	1.80	59
	D25SP007	20 MH	NWG/NWM 140' MAX, WITH TRAILER	47 HP D	30,820	8.78	2.04	2.40	0.84	2.41	98
D30			DRILLS, EARTH/AUGER								
			HYDRAULIC POWER SYSTEMS								
	D30HD001	H-15	HYDRAULIC AUGER W/60'- 8"X21" LEADS 15,000 FT-LBS TORQUE, (ADD CRANE)	210 HP D	68,705	28.66	4.57	5.39	1.87	10.77	137
	D30HD002	H-35VT	HYDRAULIC AUGER W/60'- 8"X26" LEADS 33,000 FT-LBS TORQUE, (ADD CRANE)	270 HP D	120,253	43.27	8.00	9.44	3.28	13.85	163
	D30HD003	H-50VT	HYDRAULIC AUGER W/60'-10"X37" LEADS 50,000 FT-LBS TORQUE, (ADD CRANE)	335 HP D	137,195	51.72	9.13	10.77	3.74	17.19	291

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

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CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
D35			DRILLS, ROTARY BLAST HOLE							
	.11		0" THRU 11" DIA. HOLE							
			INGERSOLL-RAND							
	D35IN002	T4-BH	7-7/8" DRILLMASTER, TRUCK MOUNTED (WITH CARRIER ENGINE)	530 HP D	491,301	110.53	26.69	27.28	13.05	29.09
	D35IN003	TH-60	16" WATER WELL DRILL, TRUCK MOUNTED	475 HP D	375,106	87.40	20.37	20.81	9.96	24.37
			ROBBINS							
	D35R0001	RRT 35	6-1/4" TO 8-0" HOLE, TRUCK MOUNTED	400 HP D	334,506	76.44	18.13	18.50	8.88	20.52
	D35R0002	RRT 60	6-3/4" TO 9-7/8" HOLE, TRUCK MOUNTED (WITH CARRIER ENGINE)	350 HP D	499,477	99.42	27.04	27.55	13.26	19.74
	D35R0003	RR10S	6-3/4" TO 9" HOLE, MTD ON D9N CRWLR	370 HP D	408,784	83.83	22.32	22.92	10.86	18.98
	D35R0004	RR10HD	6-3/4" TO 10 5/8" HOLE, MTD ON D9N	370 HP D	457,430	90.68	24.98	25.65	12.15	18.98
	D35R0005	RRC 50	6-1/4" TO 9-7/8" HOLE, CRAWLER MTD	400 HP D	383,954	82.46	20.97	21.53	10.20	20.52
	.12		OVER 11" DIAM.							
			ROBBINS							
	D35R0006	RR10XHD	9-7/8" TO 12-1/4" HOLE, MTD ON FD50	525 HP D	672,269	112.93	32.21	29.32	17.55	26.93
	.20		ELECTRIC							
	.21		0" THRU 11" DIA. HOLE							
	.22		OVER 11" DIAM.							
F10			FORK LIFTS							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT	
					AVERAGE	STANDBY	DEPR	CFC			
F10	FORK LIFTS										
<hr/>											
CATERPILLAR											
	F10CA001	M25D	2500# @ 24" LOAD CENTER	18 HP E	22,144	6.62	1.46	1.70	0.61	1.99	65
	F10CA002	MC30D	3000# @ 24" LOAD CENTER	18 HP E	22,739	6.74	1.49	1.74	0.62	1.99	65
	F10CA003	MC40D	4000# @ 24" LOAD CENTER	32 HP E	24,785	9.32	1.63	1.89	0.68	3.54	71
	F10CA004	M50D	5000# @ 24" LOAD CENTER	32 HP E	27,807	9.83	1.83	2.13	0.76	3.54	95
	F10CA005	MC60D-SA	6000# @ 24" LOAD CENTER	47 HP E	32,732	13.04	2.15	2.51	0.89	5.19	105
	F10CA006	M70B	7000# @ 24" LOAD CENTER	53 HP E	39,859	15.22	2.62	3.05	1.09	5.86	134
	F10CA007	M80B	8000# @ 24" LOAD CENTER	53 HP E	41,687	15.52	2.74	3.20	1.14	5.86	142
	F10CA008	M100B	10000# @ 24" LOAD CENTER	53 HP E	43,478	15.81	2.87	3.36	1.19	5.86	160
	F10CA009	V30D	3000# @ 24" LOAD CENTER	37 HP G	20,888	7.81	1.38	1.62	0.57	3.47	61
	F10CA010	V40D	4000# @ 24" LOAD CENTER	48 HP G	23,835	9.62	1.56	1.81	0.65	4.50	88
	F10CA011	V50D	5000# @ 24" LOAD CENTER	48 HP G	25,488	9.95	1.64	1.88	0.70	4.50	95
	F10CA012	V60E	6000# @ 24" LOAD CENTER	63 HP G	37,015	13.59	2.42	2.82	1.01	5.91	117
	F10CA013	V70E	7000# @ 24" LOAD CENTER	63 HP G	37,371	13.65	2.45	2.85	1.02	5.91	125
	F10CA014	V80E	8000# @ 24" LOAD CENTER	63 HP G	38,877	13.90	2.55	2.97	1.06	5.91	131
	F10CA015	V110	11000# @ 24" LOAD CENTER	66 HP D	55,397	12.72	3.62	4.22	1.51	2.71	180
	F10CA016	V150	15000# @ 24" LOAD CENTER	70 HP D	59,649	13.63	3.91	4.55	1.63	2.87	201
	F10CA017	V180B	18000# @ 24" LOAD CENTER	125 HP D	78,067	19.64	5.05	5.84	2.13	5.13	250
	F10CA018	V200B	20000# @ 24" LOAD CENTER	125 HP D	85,222	20.84	5.53	6.40	2.33	5.13	273
	F10CA019	V250B	25000# @ 24" LOAD CENTER	125 HP D	91,935	21.96	5.98	6.94	2.51	5.13	342
	F10CA020	V300B	30000# @ 24" LOAD CENTER	125 HP D	95,528	22.62	6.18	7.14	2.61	5.13	372
	F10CA021	R40	4000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP D	37,092	9.77	2.41	2.79	1.01	2.79	107
	F10CA022	R50	5000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP D	37,854	9.89	2.46	2.85	1.03	2.79	112
	F10CA023	R60	6000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP D	45,256	11.14	2.96	3.43	1.24	2.79	127
	F10CA024	R80	8000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP D	46,902	11.49	3.01	3.45	1.28	2.79	138
HYSTER											
	F10HY001	H30XL	3000# CAPACITY @ 24" LOAD CENTER	46 HP G	20,415	8.83	1.33	1.53	0.56	4.31	58
	F10HY002	H60XL	6000# CAPACITY @ 24" LOAD CENTER	63 HP G	27,763	12.05	1.81	2.10	0.76	5.91	91
	F10HY003	H110XL	11000# CAPACITY @ 24" LOAD CENTER	94 HP G	45,222	18.58	2.96	3.44	1.24	8.82	147
	F10HY004	H155XL	15500# CAPACITY @ 24" LOAD CENTER	94 HP G	56,627	20.55	3.69	4.27	1.55	8.82	190
	F10HY005	H210XL	21000# CAP @ 24" LOAD CENTER, PS	127 HP D	71,953	18.73	4.65	5.36	1.97	5.21	291
	F10HY006	H250XL	25000# CAP @ 24" LOAD CENTER, PS	127 HP D	85,127	20.98	5.50	6.34	2.33	5.21	316
	F10HY007	H300XL	30000# CAP @ 24" LOAD CENTER, PS	127 HP D	86,626	21.16	5.65	6.55	2.37	5.21	367
	F10HY008	H470CS	47000# CAP @ 48" LOAD CENTER, PS	194 HP D	181,152	40.62	11.78	13.66	4.95	7.96	636

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT	
					AVERAGE	STANDBY	DEPR	CFC				
G10			GENERATOR SETS									
			*****.10 PORTABLE-----									
			HOMELITE									
	G10H0001	HG2500A	2.3 KW		5 HP G	843	0.74	0.07	0.09	0.02	0.47	1
	G10H0002	BG3500	3.0 KW		7 HP G	1,103	1.04	0.09	0.12	0.03	0.66	2
	G10H0003	EH5500HD	5.0 KW		11 HP E	976	1.41	0.08	0.10	0.03	1.22	2
	G10H0004	180R162	5.5 KW		11 HP G	2,154	1.70	0.18	0.23	0.06	1.03	2
			KOHLER									
	G10KH001	2.25MBM25	2.25 KW		5 HP G	834	0.74	0.07	0.09	0.02	0.47	1
	G10KH002	3.5MM65	3.50 KW		8 HP G	991	1.12	0.08	0.10	0.03	0.75	2
	G10KH003	5MM65	5.00 KW		11 HP G	1,282	1.52	0.10	0.13	0.03	1.03	2
			ONAN									
	G10ON001	2.5LK-3M	2.5 KW, 120/240V		5 HP G	2,810	1.13	0.23	0.30	0.08	0.47	2
	G10ON002	4.0CCK-3CP	4.0 KW, 120/240V		10 HP G	3,602	1.87	0.29	0.38	0.10	0.94	4
	G10ON003	5.0CCK-3CP	5.0 KW, 120/240V		10 HP G	4,123	1.96	0.33	0.43	0.11	0.94	4
	G10ON004	10.0CCKB-3CP	10.0 KW, 120/240V		20 HP G	4,766	3.25	0.38	0.50	0.13	1.88	4
			.20 SKID MOUNTED-----									
			CATERPILLAR									
	G10CA001	3304B-T	100 KW, 240/480V		156 HP D	19,846	11.26	1.36	1.67	0.52	6.40	34
	G10CA002	3306B-T	165 KW, 240/480V		241 HP D	24,792	16.40	1.69	2.08	0.65	9.89	49
	G10CA003	3306B-TA	180 KW, 240/480V		269 HP D	25,219	17.90	1.72	2.12	0.66	11.04	52
	G10CA004	3406B-T	225 KW, 240/480V		332 HP D	28,097	21.60	1.92	2.36	0.74	13.63	64
	G10CA005	3406B-TA	250 KW, 240/480V		368 HP D	30,322	23.80	2.08	2.55	0.80	15.10	68
	G10CA006	3408B-TA	365 KW, 240/480V		530 HP D	49,594	35.27	3.40	4.17	1.31	21.75	88
	G10CA007	3412-T	425 KW, 240/480V		615 HP D	56,448	40.74	3.86	4.74	1.49	25.24	91
	G10CA008	3412-TA	545 KW, 240/480V		784 HP D	75,276	52.48	5.14	6.32	1.98	32.18	102
	G10CA009	3508	650 KW, 240/480V		932 HP D	99,482	64.07	6.80	8.36	2.62	38.25	170
	G10CA010	3512	910 KW, 240/480V		1299 HP D	129,973	87.85	8.89	10.92	3.43	53.31	225
	G10CA011	3516	1275 KW, 240/480V		1814 HP D	195,207	124.97	13.34	16.40	5.14	74.45	278

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
G10	GENERATOR SETS										
	.20	SKID MOUNTED									
		ONAN									
	G100N005	6.5NH-3CR	6.5 KW, 120/240V	14 HP G	8,200	3.01	0.57	0.69	0.22	1.31	3
	G100N006	7.5JB-3CR	7.5 KW, 120/240V	15 HP G	8,746	3.21	0.60	0.73	0.23	1.41	5
	G100N007	7.5DKD-3CE	7.5 KW, 120/240V	15 HP D	10,119	2.47	0.70	0.85	0.27	0.62	5
	G100N008	3.0DJ4-3CR	3.0 KW, 120/240V	6 HP D	8,508	1.72	0.58	0.71	0.22	0.25	4
	G100N009	6.0DJ4-18R	6.0 KW, RECONNECTIBLE	12 HP D	10,099	2.30	0.70	0.85	0.27	0.49	5
	G100N010	12.0DJC-3CR	12.0 KW, 120/240V	22 HP D	13,534	3.39	0.93	1.14	0.36	0.90	7
	G100N011	15RDJC	15.0 KW, DUAL PHASE	27 HP D	14,118	3.74	0.97	1.19	0.37	1.11	14
	G100N012	20DL4-15R	20.0 KW, RECONNECTIBLE	33 HP D	15,316	4.24	1.05	1.29	0.40	1.35	12
	G100N013	30DDL6-15R	30.0 KW, RECONNECTIBLE	50 HP D	16,469	5.29	1.12	1.38	0.43	2.05	16
	G100N014	40DL6T-15R	40.0 KW, RECONNECTIBLE	65 HP D	17,450	6.23	1.20	1.47	0.46	2.67	15
	G100N015	50DL6B-15R	50.0 KW, RECONNECTIBLE	87 HP D	19,525	7.69	1.33	1.64	0.51	3.57	18
	G100N016	60DVB-15R	60.0 KW, RECONNECTIBLE	118 HP D	20,355	9.41	1.40	1.71	0.54	4.84	20
	G100N017	75DVB-15R	75.0 KW, RECONNECTIBLE	118 HP D	22,857	9.82	1.56	1.92	0.60	4.84	20
	G100N018	100DVC-15R	100.0 KW, RECONNECTIBLE	155 HP D	25,232	12.11	1.72	2.12	0.66	6.36	28
	G100N019	125DVD-15R	125.0 KW, RECONNECTIBLE	191 HP D	28,185	14.43	1.93	2.37	0.74	7.84	30
	G100N020	150DVE-15R	150.0 KW, RECONNECTIBLE	227 HP D	31,579	16.84	2.16	2.65	0.83	9.32	33
G15	GRADERS, MOTOR										
		CATERPILLAR									
	G15CA001	120-G	ARTICULATED FRAME, POWERSHIFT	125 HP D	121,765	23.20	6.99	7.22	3.38	4.70	272
	G15CA002	130-G	ARTICULATED FRAME, POWERSHIFT	135 HP D	138,585	25.98	7.99	8.27	3.85	5.08	293
	G15CA003	12-G	ARTICULATED FRAME, POWERSHIFT	135 HP D	151,084	27.71	8.71	9.01	4.20	5.08	316
	G15CA004	140-G	ARTICULATED FRAME, POWERSHIFT	150 HP D	152,099	28.67	8.74	9.03	4.22	5.64	318
	G15CA005	14-G	ARTICULATED FRAME, POWERSHIFT	200 HP D	229,414	42.14	13.11	13.47	6.37	7.52	441
	G15CA006	16-G	ARTICULATED FRAME, POWERSHIFT	275 HP D	337,782	61.15	19.28	19.79	9.38	10.35	584
		CHAMPION									
	G15CH001	710A	ARTICULATED FRAME	135 HP D	119,512	23.47	6.85	7.05	3.32	5.08	283
	G15CH002	720A	ARTICULATED FRAME	153 HP D	131,746	26.02	7.57	7.81	3.66	5.76	318
	G15CH003	730A	ARTICULATED FRAME	187 HP D	142,519	29.24	8.18	8.44	3.96	7.03	338
	G15CH004	740A	ARTICULATED FRAME	210 HP D	153,976	31.97	8.85	9.14	4.28	7.90	361

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC									
G15	GRADERS, MOTOR																

CHAMPION																	

G15CH005 750A ARTICULATED FRAME 200 HP D 169,597 34.01 9.62 9.82 4.71 7.52 388																	
G15CH006 780A ARTICULATED FRAME 200 HP D 188,654 36.60 10.73 10.98 5.24 7.52 421																	
G15CH007 710 RIGID FRAME 135 HP D 112,810 22.54 6.46 6.66 3.13 5.08 283																	
G15CH008 720 RIGID FRAME 153 HP D 120,899 24.55 6.94 7.15 3.36 5.76 318																	
G15CH009 730 RIGID FRAME 187 HP D 130,501 27.59 7.47 7.70 3.62 7.03 338																	
G15CH010 740 RIGID FRAME 210 HP D 145,180 30.77 8.33 8.60 4.03 7.90 361																	
G15CH011 750 RIGID FRAME 200 HP D 160,801 32.81 9.11 9.28 4.47 7.52 388																	
G15CH012 780 RIGID FRAME 200 HP D 179,858 35.41 10.23 10.45 5.00 7.52 421																	
FIATALLIS																	

G15FI001 FG75A ARTICULATED FRAME, POWERSHIFT 135 HP D 117,790 23.17 6.76 6.98 3.27 5.08 317																	
G15FI002 FG85A ARTICULATED FRAME, POWERSHIFT 155 HP D 124,838 25.22 7.16 7.37 3.47 5.83 320																	
G15FI003 FG95A ARTICULATED FRAME, POWERSHIFT 165 HP D 132,224 26.88 7.53 7.72 3.67 6.21 332																	
G15FI004 65B RIGID FRAME, POWERSHIFT 68 HP D 73,650 13.79 4.19 4.28 2.05 2.56 137																	
G15FI005 FG75 RIGID FRAME, POWERSHIFT /TC 135 HP D 109,786 22.09 6.30 6.49 3.05 5.08 309																	
G15FI006 FG85 RIGID FRAME, POWERSHIFT /TC 155 HP D 115,844 23.99 6.63 6.82 3.22 5.83 313																	
G15FI007 FG95 RIGID FRAME, POWERSHIFT/TC 165 HP D 124,267 25.80 7.07 7.23 3.45 6.21 325																	
GALION/DRESSER																	

G15GI001 450E ARTICULATED FRAME, POWERSHIFT 144 HP D 128,263 25.05 7.37 7.62 3.56 5.42 278																	
G15GI002 830 ARTICULATED FRAME, POWERSHIFT 144 HP D 132,148 25.58 7.60 7.86 3.67 5.42 278																	
G15GI003 A500E ARTICULATED FRAME, POWERSHIFT 166 HP D 134,165 27.03 7.70 7.94 3.73 6.24 297																	
G15GI004 850 ARTICULATED FRAME, POWERSHIFT 166 HP D 142,005 28.09 8.15 8.42 3.94 6.24 301																	
G15GI005 A550 ARTICULATED FRAME, POWERSHIFT 166 HP D 150,583 29.26 8.65 8.94 4.18 6.24 324																	
G15GI006 870 ARTICULATED FRAME, POWERSHIFT 204 HP D 153,898 31.63 8.84 9.14 4.27 7.67 324																	
G15GI007 A566E ARTICULATED FRAME, POWERSHIFT 177 HP D 161,579 31.32 9.30 9.61 4.49 6.66 327																	
G15GI008 A600 ARTICULATED FRAME, POWERSHIFT 204 HP D 159,183 32.36 9.15 9.45 4.42 7.67 335																	
G15GI009 A606 ARTICULATED FRAME, POWERSHIFT 204 HP D 177,737 34.89 10.24 10.59 4.94 7.67 341																	
INTERNATIONAL/DRESSER																	

G15ID001 A450E ARTICULATED FRAME, ALL WHEEL DRIVE 144 HP D 121,933 24.19 7.01 7.23 3.39 5.42 281																	
G15ID002 830 ARTICULATED FRAME, ALL WHEEL DRIVE 144 HP D 132,371 25.69 7.60 7.83 3.68 5.42 287																	
G15ID003 850 ARTICULATED FRAME, ALL WHEEL DRIVE 166 HP D 142,193 28.12 8.17 8.43 3.95 6.24 310																	

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT	DESCRIPTION	VALUE (\$)	TOTAL RATES		ADJUSTABLE OWNERSHIP		ELEMENTS		CWT
						AVERAGE	STANDBY	DEPR	CFC	FUEL		
G15	GRADERS, MOTOR											
	INTERNATIONAL/DRESSER											
	G15ID004	870	ARTICULATED FRAME, ALL WHEEL DRIVE	204 HP D	154,074	31.65	8.86	9.15	4.28	7.67	333	
	JOHN DEERE											
	G15JD001	570B	ARTICULATED FRAME, POWER SHIFT	90 HP D	91,794	17.34	5.26	5.41	2.55	3.39	205	
	G15JD002	670B	ARTICULATED FRAME, POWER SHIFT	135 HP D	115,117	22.79	6.62	6.84	3.20	5.08	286	
	G15JD003	672B	ARTICULATED FRAME, POWER SHIFT	135 HP D	136,975	25.75	7.89	8.17	3.80	5.08	289	
	G15JD004	770B	ARTICULATED FRAME, POWER SHIFT	155 HP D	131,307	26.06	7.55	7.79	3.65	5.83	310	
	G15JD005	772B	ARTICULATED FRAME, POWER SHIFT	155 HP D	151,116	28.76	8.70	9.00	4.20	5.83	294	
	KOMATSU											
	G15KM001	GD 515A-1	ARTICULATED FRAME	125 HP D	146,750	26.58	8.47	8.77	4.08	4.70	260	
	G15KM002	GD 615A-1	ARTICULATED FRAME	140 HP D	163,091	29.67	9.38	9.69	4.53	5.27	310	
	G15KM003	GD 625A-1C	ARTICULATED FRAME	155 HP D	175,891	32.17	10.13	10.47	4.89	5.83	336	
	G15KM004	GD 725A-1	ARTICULATED FRAME	200 HP D	236,190	43.07	13.51	13.89	6.56	7.52	425	
	G15KM005	GD 825A-1	ARTICULATED FRAME	280 HP D	336,628	61.24	19.21	19.72	9.35	10.53	578	
	MITSUBISHI											
	G15MI001	MG100	ARTICULATED FRAME, POWERSHIFT	76 HP D	92,170	16.59	5.31	5.49	2.56	2.86	187	
	G15MI002	MG150	ARTICULATED FRAME, POWERSHIFT	91 HP D	99,990	18.41	5.77	5.97	2.78	3.42	213	
	G15MI003	MG400	ARTICULATED FRAME, POWERSHIFT	150 HP D	134,379	26.07	7.76	8.05	3.73	5.64	314	
	G15MI004	MG500	ARTICULATED FRAME, POWERSHIFT	174 HP D	148,070	29.18	8.54	8.86	4.11	6.55	346	
H20	HOIST											
	BEEBE											
	H20BE001	FA1	AIR TUGGER, 1 TON (ADD COMPRESSOR)	390 CFM A	12,053	2.36	0.86	1.05	0.33	0.00	4	
	H20BE002	FA2.5	AIR TUGGER, 2.5 TON (ADD COMPRESSOR)	700 CFM A	15,924	3.19	1.14	1.39	0.44	0.00	5	
	H20BE003	FA5	AIR TUGGER, 5 TON (ADD COMPRESSOR)	700 CFM A	20,351	4.11	1.45	1.77	0.56	0.00	14	
	H20BE004	FA10	AIR TUGGER, 10 TON (ADD COMPRESSOR)	800 CFM A	36,243	7.20	2.58	3.16	1.00	0.00	45	

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
H20	HOIST										
	SKAGIT										
	H20SK001	BU-18	DOUBLE DRUM WITH 5/8" CABLE	100 HP D	89,066	21.79	6.34	7.76	2.46	4.10	85
	H20SK002	G-70	DOUBLE DRUM WITH 7/8" CABLE	100 HP D	120,440	27.68	8.58	10.49	3.33	4.10	126
	H20SK003	RB-80	DOUBLE DRUM WITH 1-1/8" CABLE	130 HP D	185,603	41.44	13.21	16.17	5.12	5.34	240
	H20SK004	RB-90W	DOUBLE DRUM WITH 1-3/8" CABLE	150 HP D	206,151	46.32	14.67	17.96	5.69	6.16	300
H25	HYDRAULIC EXCAVATORS, CRAWLER MTD										
	.10	DIESEL or GASOLINE									
	.11	O THRU 1 CY									
	AKERMAN										
	H25AK001	H3B	.50 CY BUCKET	67 HP D	122,500	26.93	9.14	11.22	3.53	2.52	174
	H25AK002	H7C	.90 CY BUCKET	145 HP D	173,131	40.65	12.91	15.86	4.98	5.45	343
	BADGER										
	H25BA001	300	.50 CY BUCKET, HYDRO-SCOPIC	85 HP D	144,212	32.02	10.76	13.21	4.15	3.20	378
	H25BA002	888	1.00 CY BUCKET, HYDRO-SCOPIC	160 HP D	234,684	53.23	17.51	21.50	6.76	6.02	508
	CATERPILLAR										
	H25CA001	205LC	.50 CY BUCKET, LONG CARRIAGE	71 HP D	92,744	21.43	6.92	8.50	2.67	2.67	311
	H25CA002	211LC	.68 CY BUCKET, LONG CARRIAGE	94 HP D	119,792	27.82	8.94	10.98	3.45	3.54	335
	H25CA003	213BLC	.91 CY BUCKET, LONG CARRIAGE	110 HP D	140,282	32.56	10.47	12.85	4.04	4.14	399
	H25CA004	215CLC	1.00 CY BUCKET, LONG CARRIAGE	115 HP D	151,380	34.95	11.30	13.87	4.36	4.33	420
	CASE										
	H25CS001	880D	.48 CY BUCKET	114 HP D	93,635	23.85	6.99	8.58	2.70	4.29	321
	H25CS002	888	.75 CY BUCKET	128 HP D	103,861	26.53	7.75	9.52	2.99	4.82	356
	H25CS003	1080B	1.00 CY BUCKET	153 HP D	117,538	30.45	8.77	10.77	3.38	5.76	441

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
H25			HYDRAULIC EXCAVATORS, CRAWLER MTD							

	.11	0 THRU 1 CY								
			FIATALLIS							
	H25FI001	FE20LC	.88 CY BUCKET	105 HP D	157,499	35.59	11.75	14.43	4.53	3.95
			GRADALL							
	H25GA001	G-660E	.62 CY BUCKET	162 HP D	184,463	43.72	13.76	16.90	5.31	6.09
	H25GA002	G-880C	1.00 CY BUCKET	145 HP D	226,141	50.81	16.87	20.72	6.51	5.45
			HITACHI							
	H25HI001	EX100	.28 CY BUCKET	72 HP D	102,674	23.40	7.67	9.41	2.96	2.71
	H25HI002	EX100WD	.40 CY BUCKET	108 HP D	142,003	32.78	10.60	13.01	4.09	4.06
	H25HI003	EX150	.68 CY BUCKET	91 HP D	123,612	28.39	9.23	11.33	3.56	3.42
	H25HI004	EX200	.67 CY BUCKET	119 HP D	153,716	35.60	11.47	14.08	4.43	4.48
	H25HI005	EX200LC	.74 CY BUCKET	119 HP D	167,106	38.16	12.47	15.31	4.81	4.48
			INSLEY							
	H25IS001	H-600C	.88 CY BUCKET	135 HP D	121,872	30.34	9.10	11.17	3.51	5.08
	H25IS002	H-800C	.88 CY BUCKET	160 HP D	146,744	36.40	10.95	13.45	4.22	6.02
			JOHN DEERE							
	H25JD001	15	.05 CY BUCKET	15 HP D	23,165	5.20	1.73	2.12	0.67	0.56
	H25JD002	25	.10 CY BUCKET	23 HP D	33,955	7.70	2.54	3.11	0.98	0.87
	H25JD003	50	.16 CY BUCKET	39 HP D	48,924	11.39	3.65	4.48	1.41	1.47
	H25JD004	70D	.31 CY BUCKET	55 HP D	63,209	14.96	4.72	5.79	1.82	2.07
	H25JD005	490D	.50 CY BUCKET	75 HP D	92,907	21.67	6.93	8.51	2.67	2.82
	H25JD006	590D	.625 CY BUCKET	95 HP D	115,578	27.06	8.63	10.59	3.33	3.57
	H25JD007	690D	.880 CY BUCKET	125 HP D	122,907	30.02	9.17	11.26	3.54	4.70
	H25JD008	790D	1.00 CY BUCKET	155 HP D	167,244	40.05	12.47	15.32	4.81	5.83
			KOMATSU							
	H25KM001	PC 120-3	.65 CY BUCKET	82 HP D	111,074	25.52	8.29	10.18	3.20	3.08
	H25KM002	PC 150-3	.90 CY BUCKET	99 HP D	120,957	28.29	9.02	11.08	3.48	3.72

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
H25			HYDRAULIC EXCAVATORS, CRAWLER MTD								
	.11		0 THRU 1 CY								
			KOEHRING								
	H25KO001	6608	.340 CY BUCKET	51 HP D	73,233	16.67	5.47	6.71	2.11	1.92	168
	H25KO002	6612	.660 CY BUCKET	87 HP D	93,392	22.39	6.97	8.56	2.69	3.27	273
			MDI/YUTANI								
	H25MD001	MD140HLC	.50 CY BUCKET	84 HP D	106,375	24.72	7.94	9.75	3.06	3.16	273
	H25MD002	MD200HLC	1.00 CY BUCKET	123 HP D	160,962	37.20	12.01	14.75	4.63	4.63	434
	.12		OVER 1 CY THRU 2-1/2 CY								
			AKERMAN								
	H25AK003	H10HLC	1.40 CY BUCKET	166 HP D	193,014	41.59	12.86	15.19	5.26	6.24	466
	H25AK004	H14B	1.60 CY BUCKET	209 HP D	224,807	49.26	14.98	17.69	6.13	7.86	595
	H25AK005	H16D	2.35 CY BUCKET	262 HP D	367,566	76.41	24.48	28.93	10.01	9.86	926
			BADGER								
	H25BA003	311 BOPTO	1.88 CY BUCKET	235 HP D	274,413	59.09	18.28	21.60	7.48	8.84	745
	H25BA004	900B	2.50 CY BUCKET	308 HP D	330,831	72.51	22.03	26.04	9.01	11.59	1,015
			CATERPILLAR								
	H25CA005	219LC	1.13 CY BUCKET, LONG CARRIAGE	130 HP D	173,007	36.31	11.52	13.62	4.71	4.89	474
	H25CA006	225B	1.25 CY BUCKET	145 HP D	203,864	42.34	13.57	16.04	5.55	5.45	541
	H25CA007	235C	2.00 CY BUCKET	250 HP D	379,849	77.87	25.30	29.89	10.35	9.41	931
			FIATALLIS								
	H25FI002	FE28LC	1.50 CY BUCKET	152 HP D	217,453	45.03	14.48	17.11	5.92	5.72	611
	H25FI003	FE40L	2.00 CY BUCKET	243 HP D	341,139	70.89	22.72	26.85	9.29	9.14	976
			HITACHI								
	H25HI006	UH083	1.13 CY BUCKET	115 HP D	135,611	29.13	9.03	10.67	3.69	4.33	408

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC					
H25	HYDRAULIC EXCAVATORS, CRAWLER MTD												
	.12 OVER 1 CY THRU 2-1/2 CY												
	HITACHI												
	H25HI007	UH123	1.50 CY BUCKET	157 HP D	209,015	43.86	13.92	16.45	5.69	5.91			
	H25HI008	UH181	1.75 CY BUCKET	269 HP D	326,352	69.72	21.73	25.68	8.89	10.12			
	H25HI009	EX270	1.34 CY BUCKET	161 HP D	236,295	48.74	15.74	18.60	6.44	6.06			
	H25HI010	EX270LC	1.34 CY BUCKET, LONG CARRIAGE	161 HP D	244,810	50.19	16.31	19.27	6.67	6.06			
	H25HI011	EX400	2.40 CY BUCKET	275 HP D	358,975	75.61	23.91	28.25	9.78	10.35			
	H25HI012	EX400LC	2.40 CY BUCKET, LONG CARRIAGE	275 HP D	356,463	75.17	23.74	28.05	9.71	10.35			
	INSLEY												
	H25IS003	H-1000C	1.25 CY BUCKET	175 HP D	177,985	39.49	11.86	14.01	4.85	6.58			
	H25IS004	H-1500C	1.75 CY BUCKET	255 HP D	273,418	59.95	18.21	21.52	7.45	9.59			
	H25IS005	H-2500C	2.25 CY BUCKET	300 HP D	328,908	71.78	21.91	25.89	8.96	11.29			
	JOHN DEERE												
	H25JD009	792	1.50 CY BUCKET	180 HP D	191,087	41.99	12.73	15.04	5.21	6.77			
	H25JD010	892D-LC	1.75 CY BUCKET, LONG CARRIAGE	195 HP D	205,102	45.17	13.66	16.14	5.59	7.34			
	H25JD011	990	2.13 CY BUCKET	260 HP D	287,236	62.58	19.14	22.61	7.83	9.78			
	KOMATSU												
	H25KM003	PC 200 LC-3	1.05 CY BUCKET, LONG CARRIAGE	118 HP D	152,885	32.25	10.19	12.03	4.17	4.44			
	H25KM004	PC 220-3	1.31 CY BUCKET	148 HP D	180,552	38.54	12.03	14.21	4.92	5.57			
	H25KM005	PC 300 LC-3	1.73 CY BUCKET, LONG CARRAIGE	197 HP D	252,171	53.32	16.80	19.85	6.87	7.41			
	KOEHRING												
	H25KO003	6620	1.05 CY BUCKET	126 HP D	147,607	31.76	9.83	11.62	4.02	4.74			
	H25KO004	6625 LC	1.20 CY BUCKET, LONG CARRIAGE	160 HP D	187,728	40.37	12.50	14.77	5.11	6.02			
	H25KO005	6633	1.57 CY BUCKET	212 HP D	223,032	49.11	14.86	17.55	6.08	7.98			
	H25KO006	6644	2.00 CY BUCKET	253 HP D	351,552	73.21	23.42	27.67	9.58	9.52			
	MDI/YUTANI												
	H25MD003	MD240BLC	1.750 CY BUCKET, LONG CARRIAGE	153 HP D	202,367	42.52	13.48	15.93	5.51	5.76			
	H25MD004	MD300LC	1.875 CY BUCKET, LONG CARRIAGE	184 HP D	244,012	51.24	16.25	19.20	6.65	6.92			

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
H25			HYDRAULIC EXCAVATORS, CRAWLER MTD							

	.12		OVER 1 CY THRU 2-1/2 CY							
			MDI/YUTANI							
	H25MD005	MD320BLC	1.750 CY BUCKET, LONG CARRIAGE	227 HP D	251,225	54.71	16.74	19.77	6.85	8.54
	H25MD006	MD400LC	2.375 CY BUCKET, LONG CARRIAGE	247 HP D	350,016	72.63	23.32	27.55	9.54	9.29
	H25MD007	MD450BLC	2.370 CY BUCKET, LONG CARRIAGE	286 HP D	356,627	75.79	23.76	28.07	9.72	10.76
	.13		OVER 2-1/2 CY THRU 5 CY							

			AKERMAN							
	H25AK006	H25C	3.40 CY BUCKET	386 HP D	537,505	109.21	32.74	37.63	13.92	14.52
			BADGER							
	H25BA005	1900	4.50 CY BUCKET	616 HP D	690,928	145.89	42.08	48.36	17.90	23.17
			CATERPILLAR							
	H25CA008	245B	3.125 CY BUCKET	360 HP D	570,202	113.58	34.73	39.91	14.77	13.54
			HITACHI							
	H25HI013	UH261	3.38 CY BUCKET	476 HP D	561,302	117.40	34.19	39.29	14.54	17.91
			INSLEY							
	H25IS006	H-3500C	3.50 CY BUCKET	400 HP D	460,276	96.71	28.03	32.22	11.92	15.05
			KOMATSU							
	H25KM006	PC 650-3	3.70 CY BUCKET	404 HP D	648,850	129.00	39.52	45.42	16.81	15.20
			KOEBRING							
	H25KO007	1066	3.00 CY BUCKET	420 HP D	627,878	126.17	38.25	43.95	16.27	15.80
	.14		OVER 5 CY							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURS RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
H30			HYDRAULIC EXCAVATORS, WHEEL MTD								
	.02		OVER 1 CY								
			AKERMAN								
	H30AK002	H10MB	1.40 CY BUCKET, 4X4	166 HP D	196,355	40.66	13.34	16.34	5.17	6.81	414
			CATERPILLAR								
	H30CA004	224	1.18 CY BUCKET	124 HP D	183,927	36.43	12.42	15.14	4.85	5.09	443
H35			HYDRAULIC SHOVELS, CRAWLER MOUNTED								
	.10		DIESEL								
	.11		0 CY THRU 5 CY								
	.12		OVER 5 CY								
			HITACHI								
	H35HI001	EX1000	7.2 CY BUCKET, SHOVEL	512 HP D	777,748	131.69	40.10	40.83	19.68	19.26	2,060
	H35HI002	EX1800	13.5 CY BUCKET, SHOVEL	920 HP D	1,261,445	217.77	65.03	66.23	31.91	34.61	3,860
	H35HI003	EX3500	23.5 CY BUCKET, SHOVEL	1660 HP D	2,917,813	481.88	150.41	153.19	73.81	62.45	7,230
	.20		ELECTRIC								
	.21		OVER 2-1/2 CY								
L10			LAND CLEARING EQUIPMENT								

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES		HOURLY	ADJUSTABLE ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	(\$/HR)	DEPR	CFC		
L10			LAND CLEARING EQUIPMENT								
			BALDERSON								
	L10BS001	BHTS 30	HYDR. TREE SHEAR FOR 953 LOADER	21,178	5.01	1.63	2.08	0.59	0.00	0.00	41
	L10BS002	BMA8	MULTIAPPLICATION RAKE FOR D8L TRCTR	19,169	4.47	1.48	1.88	0.54	0.00	0.00	70
	L10BS003	BTXC973	CLAMP RAKE FOR 973 LOADER	25,858	5.92	1.99	2.54	0.72	0.00	0.00	59
	L10BS004	BBL7	BLADE RAKE FOR D7H TRACTOR	8,478	2.09	0.66	0.83	0.24	0.00	0.00	24
	L10BS005	BRK8	ROCK & ROOT RAKE FOR D8L TRACTOR	19,046	4.44	1.47	1.87	0.53	0.00	0.00	72
	L10BS006	VT8	V-TREE CUTTER FOR D8L TRACTOR	28,955	6.70	2.23	2.84	0.81	0.00	0.00	127
	L10BS007		LOGGING FORK FOR 988 LOADER	35,258	8.17	2.72	3.46	0.99	0.00	0.00	90
			BUSH HOG								
	L10BU001	268RP	ROTARY CUTTER, 8' WIDTH, 2.5"-12" HT CENTER MOUNT (ADD 40HP TRACTOR)	4,278	1.73	0.33	0.42	0.12	0.00	0.00	13
	L10BU002	1310SW	ROTARY CUTTER, 10.5' WIDTH, 2"-12"HT STRAIGHT BLADE (ADD 50HP TRACTOR)	8,282	3.30	0.64	0.81	0.23	0.00	0.00	30
	L10BU003	1315SW	ROTARY CUTTER, 15' WIDTH, 2"-12"HT STRAIGHT BLADE (ADD 60HP TRACTOR)	11,259	4.45	0.87	1.11	0.31	0.00	0.00	32
	L10BU004	1220SW	ROTARY CUTTER, 20' WIDTH, 2"-12"HT STRAIGHT BLADE (ADD 70HP TRACTOR)	14,015	5.55	1.08	1.38	0.39	0.00	0.00	48
	L10BU005	SM-60	ROTARY CUTTER, SIDE MOUNT, 5' WIDTH MIN TRACTOR LIFT CAP - 3200# @ 24"	5,838	2.36	0.45	0.57	0.16	0.00	0.00	16
	L10BU006	FM60-01	FLAIL MOWER, 57" WIDE, 4" HT, 1"CAP (ADD 15-40 HP TRACTOR)	1,968	1.12	0.15	0.19	0.05	0.00	0.00	7
	L10BU007	FM72-01	FLAIL MOWER, 68" WIDE, 4" HT, 1"CAP (ADD 15-40 HP TRACTOR)	2,090	1.26	0.17	0.21	0.06	0.00	0.00	7
	L10BU008	FH60-01	FLAIL MOWER, 57" WIDE, 0-3"HT, 2"CAP (ADD 30-60 HP TRACTOR)	2,259	1.29	0.17	0.22	0.06	0.00	0.00	8
	L10BU009	FH72-01	FLAIL MOWER, 68" WIDE, 0-3"HT, 2"CAP (ADD 30-60 HP TRACTOR)	2,373	1.42	0.19	0.23	0.07	0.00	0.00	7
			CHIPMORE								
	L10CI001	B18SP-R	STUMP CUTTER, 15" REAR WHEEL CUTTER	18 HP G	4,934	3.10	0.38	0.48	0.14	1.56	4
			VERMEER								
	L10VE001	206	STUMPER, 16" DIA WHEEL, TRAILER MTD	19 HP G	6,290	3.50	0.48	0.60	0.18	1.65	8

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC									
L10	LAND CLEARING EQUIPMENT																

VERMEER																	
	L10VE002	630B	STUMPER, 18" DIA WHEEL, TRAILER MTD	34 HP G	6,716	5.30	0.52	0.65	0.19	2.95	16						
	L10VE003	665A	STUMPER, 28" DIA WHEEL, TRAILER MTD	62 HP G	18,134	10.94	1.40	1.77	0.51	5.38	34						
	L10VE004	2465	STUMPER, 36" DIA WHEEL, TRAILER MTD	62 HP G	28,612	13.21	2.20	2.79	0.80	5.38	49						
	L10VE005	TS-30	TREE SPADE, 30" DIAMETER, 24" DEPTH TRAILER MOUNTED	13 HP G	12,866	4.27	0.99	1.25	0.36	1.13	38						
	L10VE006	TS-44A	TREE SPADE, 44" DIAMETER, 40" DEPTH TRAILER MOUNTED	13 HP G	17,053	5.19	1.31	1.66	0.48	1.13	66						
	L10VE007	TS-50M	TREE SPADE, 50" DIAMETER, 48" DEPTH (ADD 13,800 GVW TRUCK)		16,929	5.18	1.30	1.66	0.47	0.00	81						
	L10VE008	TS-84-T	TREE SPADE, 84" DIAMETER, 54" DEPTH (ADD 34,000 GVW TRUCK)		56,946	15.38	4.39	5.59	1.59	0.00	271						
L15	LAWN MOWERS																

EXCEL																	
	L15EX001	HUSTLER 275	60" 3-WAY DECK	23 HP G	12,415	8.05	1.66	2.55	0.38	2.67	21						
	L15EX002	HUSTLER 320	72" STANDARD ROTARY MOWER DECK	22 HP D	13,918	6.73	1.87	2.87	0.43	1.13	24						
	L15EX003	HUSTLER-320WING	72" STD DK W/RIGHT WING - 47" CUT	23 HP D	16,411	7.74	2.20	3.39	0.50	1.18	25						
	L15EX004	HUSTLER 340	72" STANDARD ROTARY MOWER DECK	28 HP D	15,477	7.69	2.07	3.19	0.47	1.44	24						
	L15EX005	HUSTLER 400	72" STANDARD ROTARY MOWER DECK	34 HP G	14,284	10.36	1.91	2.94	0.44	3.95	24						
	L15EX006	HUSTLER 440	72" STANDARD ROTARY MOWER DECK	43 HP G	15,061	11.95	2.01	3.10	0.46	5.00	24						
	L15EX007	HUSTLER 440WING	72" STD DECK W/L&R WINGS - 12'2" CUT	43 HP G	17,701	12.97	2.37	3.66	0.54	5.00	25						
	L15EX008	HUSTLER 640	72" HEAVY DUTY DUAL-TRIM DECK	29 HP D	26,920	12.13	3.59	5.53	0.82	1.49	37						
	L15EX009	HI-LIFT BAC-VAC	72" LAWN VACUUM,STD DECK,15 BU CAP. (ADD MOWER MODEL 400)	43 HP G	17,369	12.84	2.33	3.59	0.53	5.00	25						
TORO																	
	L15TO001	22525	21" REAR BAGGER - PUSH MOWER	5 HP G	708	0.99	0.10	0.15	0.02	0.58	1						
	L15TO002	56150	32" RIDING MOWER	8 HP G	1,731	1.79	0.21	0.32	0.05	0.93	4						
	L15TO003	30754	44" DECK GROUNDMASTER-117 TRACTOR	17 HP G	6,125	4.78	0.81	1.24	0.19	1.98	9						
	L15TO004	30754	52" DECK W/GROUNDMASTER-117 TRACTOR	17 HP G	6,426	4.90	0.85	1.30	0.20	1.98	9						
	L15TO005	30794	62" DECK W/GROUNDMASTER-220D TRACTR	21 HP D	13,379	6.45	1.79	2.75	0.41	1.08	13						

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
L15	LAWN MOWERS									
	TORO									
	L15TO006	30790	62" DECK W/GROUNDMASTER-220 TRACTOR	20 HP G	11,014	7.09	1.47	2.26	0.34	2.32
	L15TO007	30790	72" DECK W/GROUNDMASTER-220 TRACTOR	20 HP G	11,637	7.33	1.56	2.39	0.36	2.32
	L15TO008	30794	72" DECK W/GROUNDMASTER-220D TRACTR	21 HP D	14,017	6.70	1.88	2.89	0.43	1.08
L20	LIGHTING SETS, TRAILER MOUNTED									
.10	METALLIC VAPOR									
	ALLMAND BROS.									
	L20AB001	MAXI-LITE IIIH	6.0KW 4/1000W, W/GEN SET HYDRAULIC MAST, TRLR MTD	15 HP D	16,337	5.44	1.19	1.44	0.47	0.80
	L20AB002	MAXI-LITE IIICE	6.0KW 4/1000W, W/GEN SET CABLE ELECTRIC MAST, TRLR MTD	15 HP D	15,076	5.08	1.09	1.32	0.43	0.80
	L20AB003	SUNDOWNER 1800	2.5 KW 2/1000W, W/GEN SET, TRLR MTD	5 HP D	9,696	2.96	0.70	0.83	0.28	0.27
	L20AB004	NITE-LITE 2	2.5 KW 2/1000W, W/GEN SET, TRLR MTD	5 HP D	7,326	2.31	0.52	0.62	0.21	0.27
	L20AB005	NITE-LITE 4	5.0 KW 2/1000W, W/GEN SET, TRLR MTD	10 HP D	10,562	3.53	0.76	0.91	0.30	0.54
	L20AB006	1800 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP G	4,544	1.99	0.31	0.36	0.13	0.62
	L20AB007	1800 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP D	5,531	1.82	0.39	0.45	0.16	0.27
	L20AB008	2000 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP G	4,061	1.86	0.28	0.32	0.12	0.62
	L20AB009	2000 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP D	5,069	1.70	0.36	0.41	0.15	0.27
	L20AB010	2200 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT SOLAR ASSIST	5 HP E	6,258	2.61	0.44	0.52	0.18	0.72
	L20AB011	2200 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT RECHARGEABLE	5 HP E	4,350	2.10	0.31	0.35	0.13	0.72
	AMIDA									
	L20AI001	MITI-LITE 500-4	4.0KW, 4/500W, W/GEN TRAILER MTD	4 HP G	4,759	1.90	0.35	0.42	0.14	0.49
	L20AI002	SL4060D-4	6.0KW, 4/1000W, W/GEN TRAILER MTD	11 HP D	13,341	4.37	0.98	1.20	0.38	0.59
	L20AI003	LT5080D-4	6.0KW, 4/1000W, W/GEN TRAILER MTD MANUAL-CABLE WINCH RAISED MAST	16 HP D	15,333	5.26	1.13	1.38	0.44	0.86
	L20AI004	LT7080D-6	8.0KW, 6/1000W, W/GEN TRAILER MTD HYDRAULIC RAISED MAST	16 HP G	20,012	7.92	1.49	1.81	0.58	1.97

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC									
L25	LINE STRIPING EQUIPMENT																

M-B																	
	L25MB001	3-10	WALK BEHIND STRIPER	4 HP G	2,939	2.07	0.22	0.27	0.08	0.49							
	L25MB002	5-10	WALK BEHIND STRIPER	6 HP G	3,727	2.83	0.28	0.34	0.11	0.74							
	L25MB003	6-28	INTERMEDIATE LINE STRIPER	10 HP G	10,436	5.31	0.78	0.95	0.30	1.23							
	L25MB004	VANMARK 360	PAVING STRIPER WITH 11,000# GVW TRK	190 HP G	75,409	48.93	5.57	6.80	2.17	23.41							
L30	LOADERS, BELT																

KOLMAN																	
	L30KL001	101-XHD	24" X 50' - 355 TON/HR	10 HP D	25,734	5.57	1.63	1.85	0.70	0.41							
	L30KL002	MODEL 45	PLATE FEEDER DOZER TRAP	5 HP D	7,587	1.69	0.51	0.59	0.21	0.21							
	L30KL003		BELT FEEDER DOZER TRAP	3 HP D	9,787	1.99	0.66	0.77	0.27	0.12							
	L30KL004		WING WALLS STATIONARY		1,498	0.28	0.10	0.12	0.04	0.00							
	L30KL005		TUNNEL EXTENSION WITH BACKBOARDS		7,558	1.42	0.51	0.59	0.21	0.00							
	L30KL006	SB-70	SINGLE DECK SCREEN, 7' X 42"	3 HP D	5,919	1.26	0.39	0.46	0.16	0.12							
	L30KL007	DC-70-42	DOUBLE DECK SCREEN, 7' X 42"	5 HP D	8,033	1.78	0.54	0.63	0.22	0.21							
	L30KL008	TC-70-42	TRIPLE DECK SCREEN, 7' X 42"	5 HP D	11,340	2.40	0.76	0.89	0.31	0.21							
	L30KL009	XHD	CONVEYOR JACKLEG		1,152	0.21	0.08	0.09	0.03	0.00							
	L30KL010	101-XHD	30" X 50' - 615 TON/HR	20 HP D	27,133	6.37	1.72	1.96	0.74	0.82							
	L30KL011	MODEL 45	PLATE FEEDER DOZER TRAP	8 HP D	8,899	2.09	0.59	0.70	0.24	0.33							
	L30KL012		BELT FEEDER DOZER TRAP	5 HP D	10,818	2.31	0.73	0.85	0.30	0.21							
	L30KL013		WING WALLS STATIONARY		1,498	0.28	0.10	0.12	0.04	0.00							
	L30KL014		TUNNEL EXTENSION WITH BACKBOARDS		7,558	1.42	0.51	0.59	0.21	0.00							
	L30KL015	SB-80	SINGLE DECK SCREEN, 8' X 48"	3 HP D	7,186	1.50	0.48	0.56	0.20	0.12							
	L30KL016	DC-80-48	DOUBLE DECK SCREEN, 8' X 48"	5 HP D	9,835	2.12	0.66	0.77	0.27	0.21							
	L30KL017	TC-80-48	TRIPLE DECK SCREEN, 8' X 48"	8 HP D	13,297	2.91	0.88	1.04	0.36	0.33							
	L30KL018	XHD	CONVEYOR JACKLEG		1,152	0.21	0.08	0.09	0.03	0.00							
	L30KL019	101-XHD	36" X 50' - 910 TON/HR	30 HP D	32,752	7.95	2.10	2.40	0.90	1.23							
	L30KL020	MODEL 45	PLATE FEEDER DOZER TRAP	9 HP D	9,413	2.24	0.63	0.74	0.26	0.37							
	L30KL021		BELT FEEDER DOZER TRAP	7 HP D	11,708	2.57	0.78	0.92	0.32	0.29							
	L30KL022		WING WALLS STATIONARY		1,498	0.28	0.10	0.12	0.04	0.00							
	L30KL023		TUNNEL EXTENSION WITH BACKBOARDS		7,558	1.42	0.51	0.59	0.21	0.00							
	L30KL024	SB-90	SINGLE DECK SCREEN, 9' X 54"	5 HP D	8,124	1.80	0.54	0.64	0.22	0.21							
	L30KL025	DC-90-54	DOUBLE DECK SCREEN, 9' X 54"	8 HP D	11,201	2.53	0.75	0.88	0.31	0.33							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
L30	LOADERS, BELT									
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KOLMAN										
L30KL026	TC-90-54	TRIPLE DECK SCREEN, 9' X 54"	8 HP D	13,019	2.87	0.87	1.02	0.36	0.33	45
L30KL027	XHD	CONVEYOR JACKLEG		1,152	0.21	0.08	0.09	0.03	0.00	7
L30KL028	101-XHD	42" X 50'- 1260 TON/HR	40 HP D	35,307	8.95	2.26	2.60	0.96	1.64	118
L30KL029	MODEL 45	PLATE FEEDER DOZER TRAP	11 HP D	11,541	2.75	0.77	0.90	0.32	0.45	48
L30KL030		BELT FEEDER DOZER TRAP	9 HP D	11,740	2.67	0.78	0.92	0.32	0.37	44
L30KL031		WING WALLS STATIONARY		1,498	0.28	0.10	0.12	0.04	0.00	9
L30KL032		TUNNEL EXTENSION WITH BACKBOARDS		7,558	1.42	0.51	0.59	0.21	0.00	55
L30KL033	SB-100	SINGLE DECK SCREEN, 10' X 60"	5 HP D	10,510	2.24	0.70	0.82	0.29	0.21	36
L30KL034	DC-100	DOUBLE DECK SCREEN, 10' X 60"	8 HP D	12,367	2.74	0.83	0.97	0.34	0.33	42
L30KL035	THV-100	TRIPLE DECK SCREEN, 10' X 60"	10 HP D	18,929	4.07	1.26	1.48	0.52	0.41	61
L30KL036	XHD	CONVEYOR JACKLEG		1,152	0.21	0.08	0.09	0.03	0.00	7
L30KL037	101-XHD	48" X 50'- 1700 TON/HR	50 HP D	46,719	11.61	3.03	3.49	1.28	2.05	140
L30KL038	MODEL 45	PLATE FEEDER DOZER TRAP	15 HP D	16,079	3.81	1.07	1.26	0.44	0.62	51
L30KL039		BELT FEEDER DOZER TRAP	10 HP D	15,445	3.42	1.03	1.21	0.42	0.41	48
L30KL040		WING WALLS STATIONARY		1,498	0.28	0.10	0.12	0.04	0.00	9
L30KL041		TUNNEL EXTENSION WITH BACKBOARDS		9,004	1.70	0.61	0.71	0.25	0.00	62
L30KL042	SB-120	SINGLE DECK SCREEN, 12' X 60"	8 HP D	12,206	2.71	0.81	0.96	0.33	0.33	45
L30KL043	DHV-120	DOUBLE DECK SCREEN, 12' X 60"	10 HP D	22,168	4.69	1.48	1.74	0.61	0.41	79
L30KL044	THV-120	TRIPLE DECK SCREEN, 12' X 60"	10 HP D	25,054	5.21	1.66	1.96	0.68	0.41	80
L30KL045	XHD	CONVEYOR JACKLEG		1,152	0.21	0.08	0.09	0.03	0.00	7
L30KL046	303	2,000 CY/HR, 48" X 50' BELT, PORTABLE	125 HP D	190,353	47.89	12.07	13.73	5.20	5.13	627
L30KL047	303	2,000 CY/HR, 48" X 60' BELT, PORTABLE	185 HP D	211,285	55.08	13.45	15.35	5.77	7.59	662
L30KL048	303	3,600 CY/HR, 60" X 50' BELT, PORTABLE	185 HP D	218,267	58.71	13.71	15.50	5.96	7.59	682
L30KL049	303	3,600 CY/HR, 60" X 60' BELT, PORTABLE	290 HP D	247,890	71.32	15.55	17.56	6.77	11.90	737
L30KL050	404	2,000 CY/HR, 48" X 50' BELT, PORTABLE	185 HP D	233,490	59.14	14.94	17.11	6.38	7.59	616
L30KL051	404	2,000 CY/HR, 48" X 60' BELT, PORTABLE	185 HP D	246,704	61.73	15.81	18.13	6.74	7.59	650
L30KL052	404	3,600 CY/HR, 60" X 50' BELT, PORTABLE	290 HP D	279,220	75.67	17.77	20.28	7.63	11.90	671
L30KL053	404	3,600 CY/HR, 60" X 60' BELT, PORTABLE	290 HP D	305,887	82.21	19.42	22.11	8.36	11.90	724
L30KL054	SB-120	SINGLE DECK SCREEN, 12' X 72"	8 HP D	16,205	3.46	1.08	1.27	0.44	0.33	50
L30KL055	DHV-120	DOUBLE DECK SCREEN, 12' X 72"	15 HP D	27,233	5.90	1.81	2.14	0.74	0.62	81
L30KL056	THV-120	TRIPLE DECK SCREEN, 12' X 72"	15 HP D	29,423	6.31	1.96	2.31	0.80	0.62	84
L30KL057		SINGLE DECK VIBRATING GRIZZLE 72"W	15 HP D	26,833	5.82	1.78	2.10	0.73	0.62	89
L35	LOADERS, FRONT END, CRAWLER TYPE									
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TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC									
L35	LOADERS, FRONT END, CRAWLER TYPE																
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CATERPILLAR																	
3-63	L35CA001	931C	1.0 CY	67 HP D	56,950	16.35	3.80	4.49	1.55	2.98	167						
	L35CA002	931C LGP	1.0 CY	67 HP D	61,335	17.29	4.09	4.83	1.67	2.98	181						
	L35CA003	935C	1.3 CY	78 HP D	64,634	18.68	4.31	5.09	1.76	3.47	180						
	L35CA004	943	1.5 CY	80 HP D	105,839	27.66	7.05	8.34	2.88	3.56	270						
	L35CA005	953	2.0 CY	110 HP D	130,514	34.80	8.70	10.28	3.56	4.89	309						
	L35CA006	963	2.5 CY	150 HP D	171,609	46.09	11.44	13.52	4.68	6.67	407						
	L35CA007	973	3.75 CY	210 HP D	260,641	68.91	17.37	20.54	7.10	9.34	552						
CASE																	
3-63	L35CS001	455C	1.00 CY, POWERSHIFT	63 HP D	54,535	15.59	3.64	4.30	1.49	2.80	150						
	L35CS002	855D	1.50 CY, POWERSHIFT/TC	82 HP D	80,435	22.33	5.36	6.34	2.19	3.65	208						
	L35CS003	1155E	2.00 CY, POWERSHIFT/TC	118 HP D	106,553	30.14	7.10	8.40	2.90	5.25	284						
	L35CS004	1455B	2.25 CY, POWERSHIFT	140 HP D	118,648	34.09	7.91	9.35	3.23	6.22	343						
FIATALLIS																	
3-63	L35FI001	FL5B	1.00 CY, POWERSHIFT	70 HP D	70,230	19.38	4.68	5.53	1.91	3.11	183						
	L35FI002	FL7B	1.50 CY, POWERSHIFT/TC	85 HP D	77,519	21.88	5.17	6.11	2.11	3.78	211						
	L35FI003	FL10E	2.20 CY, POWERSHIFT/TC	127 HP D	126,159	34.92	8.41	9.94	3.44	5.65	277						
	L35FI004	FL14E	2.75 CY, POWERSHIFT	168 HP D	160,644	44.84	10.71	12.66	4.38	7.47	392						
	L35FI005	FL20	3.50 CY, POWERSHIFT	223 HP D	243,669	66.06	16.24	19.20	6.64	9.91	577						
INTERNATIONAL/DRESSER																	
3-63	L35ID001	100G	1.13 CY, POWERSHIFT	70 HP D	61,807	17.57	4.12	4.87	1.68	3.11	160						
	L35ID002	125G	1.38 CY, POWERSHIFT	80 HP D	81,786	22.49	5.45	6.44	2.23	3.56	198						
	L35ID003	175C	2.00 CY, POWERSHIFT	140 HP D	122,815	34.99	8.19	9.68	3.35	6.22	317						
	L35ID004	200	2.60 CY, POWERSHIFT	165 HP D	156,076	43.68	10.40	12.30	4.25	7.34	379						
	L35ID005	250E	3.25 CY, POWERSHIFT	215 HP D	188,773	53.77	12.58	14.88	5.14	9.56	460						
JOHN DEERE																	
3-63	L35JD001	350D	.75 CY	48 HP D	41,901	11.94	2.79	3.30	1.14	2.13	124						
	L35JD002	455G	1.25 CY	70 HP D	54,290	15.96	3.62	4.28	1.48	3.11	164						
	L35JD003	555G	1.50 CY	90 HP D	74,069	21.45	4.94	5.84	2.02	4.00	188						

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT										
					AVERAGE	STANDBY	DEPR	CFC													
L35 LOADERS, FRONT END, CRAWLER TYPE																					

JOHN DEERE																					

L35	L35JD004	655B	2.00 CY	120 HP D	100,730	29.02	6.71	7.94	2.74	5.34	324										
	L35JD005	755B	2.25 CY	140 HP D	114,126	33.12	7.61	8.99	3.11	6.22	355										
	KOMATSU																				
	L35KM001	D31S-18	1.30 CY, HYDROSHIFT	70 HP D	74,924	20.39	4.99	5.90	2.04	3.11	168										
	L35KM002	D41S-3	1.60 CY, HYDROSHIFT	90 HP D	106,941	28.51	7.13	8.43	2.91	4.00	262										
	L35KM003	D53S-17	2.00 CY, POWERSHIFT	110 HP D	145,977	38.13	9.73	11.50	3.98	4.89	300										
	L35KM004	D57S-1	2.10 CY, POWERSHIFT	135 HP D	172,505	45.36	11.50	13.59	4.70	6.00	340										
L40	L35KM005	D66S-1	2.80 CY, HYDROSTATIC	160 HP D	196,193	51.99	13.08	15.46	5.35	7.11	422										
	L35KM006	D75S-5	3.30 CY, POWERSHIFT	200 HP D	252,015	66.44	16.80	19.86	6.87	8.89	485										
	LOADERS, FRONT END, WHEEL TYPE																				

	.10	ARTICULATED																			

	.11	O THRU 225 HP																			
L40	-----																				
	CATERPILLAR																				
	L40CA001	910	1-1/4 CY, ARTICULATED	65 HP D	59,577	13.89	3.76	4.15	1.68	2.67	145										
	L40CA002	916	1-1/2 CY, ARTICULATED	85 HP D	79,406	18.21	5.05	5.61	2.24	3.49	183										
	L40CA003	926E	2 CY, ARTICULATED	110 HP D	92,762	21.84	5.90	6.57	2.61	4.51	202										
	L40CA004	936E	2-1/2 CY, ARTICULATED	135 HP D	118,600	28.39	7.41	8.14	3.34	5.54	271										
	L40CA005	950-E	3 CY, ARTICULATED	160 HP D	149,749	35.35	9.35	10.25	4.22	6.57	339										
L40	L40CA006	966-E	4 CY, ARTICULATED	216 HP D	208,179	49.61	12.86	13.98	5.87	8.86	443										
	CASE																				
	L40CS001	W-11B	1.00 CY, 4WD, ARTICULATED	69 HP D	48,987	12.45	3.07	3.38	1.38	2.83	105										
	L40CS002	W-14B	1.50 CY, 4WD, ARTICULATED	90 HP D	64,720	16.22	4.08	4.51	1.82	3.69	157										
	L40CS003	W-20C	2.00 CY, 4WD, ARTICULATED	110 HP D	95,062	22.99	5.93	6.49	2.68	4.51	230										
	L40CS004	W-30	3.00 CY, 4WD, ARTICULATED	153 HP D	113,288	28.37	7.10	7.82	3.19	6.28	261										

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			CWT	
					AVERAGE	STANDBY	DEPR	CFC	FUEL		
L40			LOADERS, FRONT END, WHEEL TYPE								
	.11	O THRU 225 HP									
			CASE								
	L40CS005	W-36	4.00 CY, 4WD, ARTICULATED	205 HP D	146,173	37.28	9.13	10.02	4.12	8.41	391
			FIATALLIS								
	L40FI001	FR7B	1.38 CY, 4WD, PWRSHIFT/TC	71 HP D	62,212	14.65	3.93	4.35	1.75	2.91	153
	L40FI002	FR9B	1.75 CY, 4WD, PWRSHIFT/TC	90 HP D	73,653	17.64	4.66	5.16	2.08	3.69	172
	L40FI003	FR10B	2.00 CY, 4WD, PWRSHIFT/TC	110 HP D	82,539	20.39	5.21	5.76	2.33	4.51	206
	L40FI004	FR11	2.25 CY, 4WD, PWRSHIFT/TC	125 HP D	95,723	23.35	6.07	6.73	2.70	5.13	246
	L40FI005	FR12B	2.62 CY, 4WD, PWRSHIFT/TC	140 HP D	105,171	26.41	6.57	7.21	2.96	5.75	270
	L40FI006	FR15B	3.25 CY, 4WD, PWRSHIFT/TC	185 HP D	143,228	35.89	8.91	9.74	4.04	7.59	328
			FORD/NEW HOLLAND								
	L40FN001	340B	16 CF	48 HP D	25,839	7.15	1.64	1.81	0.73	1.97	66
	L40FN002	445A	3/4 CY	48 HP D	29,486	7.77	1.86	2.05	0.83	1.97	73
	L40FN003	545A	3/4 CY	60 HP D	33,232	9.12	2.10	2.31	0.94	2.46	75
	L40FN004	555B	1 CY	63 HP D	35,935	9.91	2.24	2.45	1.01	2.59	80
			FURUKAWA								
	L40FU001	FL120-1	1.75 CY, 4WD	80 HP D	80,621	18.33	5.08	5.62	2.27	3.28	179
	L40FU002	FL150-1	2.00 CY, 4WD	102 HP D	94,186	21.78	5.96	6.62	2.65	4.19	213
	L40FU003	FL200-1	2.60 CY, 4WD	140 HP D	118,681	28.47	7.45	8.22	3.34	5.75	299
	L40FU004	FL230-1	3.10 CY, 4WD	160 HP D	141,350	33.23	8.92	9.88	3.98	6.57	311
	L40FU005	FL330-1	4.30 CY, 4WD	217 HP D	194,402	46.20	12.17	13.37	5.48	8.91	435
			INTERNATIONAL/DRESSER								
	L40ID001	510B	1.37 CY, ARTICULATED FRAME	80 HP D	63,321	15.35	4.00	4.43	1.78	3.28	157
	L40ID002	515B	1.63 CY, ARTICULATED FRAME	105 HP D	78,578	19.47	4.95	5.47	2.21	4.31	187
	L40ID003	520B	2.25 CY, ARTICULATED FRAME	120 HP D	93,145	22.65	5.89	6.54	2.62	4.92	232
	L40ID004	530	2.75 CY, ARTICULATED FRAME	165 HP D	137,697	32.93	8.69	9.61	3.88	6.77	291
	L40ID005	540	3.75 CY, ARTICULATED FRAME	205 HP D	193,521	45.24	12.13	13.35	5.45	8.41	360
			JOHN DEERE								

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
L40			LOADERS, FRONT END, WHEEL TYPE								
	.11		0 THRU 225 HP								
			JOHN DEERE								
	L40JD001	344E	1.63 CY, 4WD, ARTICULATED	75 HP D	59,296	14.42	3.74	4.13	1.67	3.08	159
	L40JD002	444E	1.75 CY, 4WD, ARTICULATED	95 HP D	66,965	16.88	4.23	4.67	1.89	3.90	172
	L40JD003	544E	2.25 CY, 4WD, ARTICULATED	115 HP D	78,594	19.88	4.98	5.53	2.21	4.72	230
	L40JD004	644E	3.25 CY, 4WD, ARTICULATED	160 HP D	114,391	28.80	7.20	7.95	3.22	6.57	334
			KAWASAKI								
	L40KA001	KSS65ZII	2.30 CY, 4WD, ARTICULATED	108 HP D	87,853	21.12	5.56	6.15	2.48	4.43	220
	L40KA002	KSS70II	3.25 CY, 4WD, ARTICULATED	158 HP D	123,247	30.23	7.75	8.55	3.47	6.48	305
	L40KA003	KSS80ZII	3.75 CY, 4WD, ARTICULATED	165 HP D	132,426	32.17	8.33	9.20	3.73	6.77	326
			MICHIGAN / VME								
	L40MC001	L30	1.0 CY BUCKET	74 HP D	62,037	14.67	3.91	4.31	1.75	3.04	131
	L40MC002	L50	1.5 CY BUCKET	82 HP D	90,286	19.59	5.73	6.38	2.54	3.37	161
	L40MC003	L70	2.0 CY BUCKET	110 HP D	107,234	24.03	6.81	7.57	3.02	4.51	195
	L40MC004	L90	2.5 CY BUCKET	145 HP D	138,458	31.45	8.74	9.67	3.90	5.95	262
	L40MC005	L120	3.1 CY BUCKET	190 HP D	174,152	40.34	10.91	12.00	4.91	7.80	319
	L40MC006	L140	4.0 CY BUCKET	203 HP D	210,661	46.89	13.28	14.68	5.94	8.33	392
			MASSEY FERGUSON								
	L40MF001	MF30E	.75 CY	45 HP D	35,389	8.53	2.25	2.49	1.00	1.85	95
	L40MF002	MF50E	1.05 CY	65 HP D	39,841	10.45	2.52	2.79	1.12	2.67	106
	L40MF003	MF50HX/SERIES S	1.05 CY	74 HP D	42,356	11.47	2.66	2.94	1.19	3.04	135
			MITSUBISHI								
	L40MI001	WS200A	.50 CY, 4WD, ARTICULATED	26 HP D	33,490	7.23	2.11	2.33	0.94	1.07	59
	L40MI002	WS400	1.00 CY, 4WD, ARTICULATED	50 HP D	49,680	11.45	3.12	3.43	1.40	2.05	94
	L40MI003	WS500	1.00 CY, 4WD, ARTICULATED	55 HP D	53,673	12.37	3.37	3.72	1.51	2.26	114
			TEREX								
	L40TE001	60C	3.25 CY, 4WD ARTICULATED-POWERSHIFT	160 HP D	134,698	32.97	8.38	9.15	3.80	6.57	298

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
L40			LOADERS, FRONT END, WHEEL TYPE							
	.11	O THRU 225 HP								
			TROJAN/O & K							
	L40TR001	1500Z	1.75 CY, 4WD, ARTICULATED, PWRSHIFT	93 HP D	74,940	18.20	4.72	5.21	2.11	3.82
	L40TR002	1700Z	2.25 CY, 4WD, ARTICULATED, PWRSHIFT	110 HP D	76,536	19.44	4.82	5.32	2.16	4.51
	L40TR003	1900Z	2.50 CY, 4WD, ARTICULATED, PWRSHIFT	119 HP D	90,144	22.12	5.70	6.32	2.54	4.88
	L40TR004	2000Z	3.00 CY, 4WD, ARTICULATED, PWRSHIFT	171 HP D	115,284	29.75	7.24	7.97	3.25	7.02
	L40TR005	3500Z	3.75 CY, 4WD, ARTICULATED, PWRSHIFT	185 HP D	140,940	35.52	8.76	9.57	3.97	7.59
	.12	OVER 225 HP								
			CATERPILLAR							
	L40CA007	980-C	5-1/4 CY, ARTICULATED	270 HP D	278,756	59.79	16.32	18.19	7.22	11.08
	L40CA008	988-B	7 CY, ARTICULATED	375 HP D	416,036	85.88	24.08	26.60	10.78	15.39
	L40CA009	992-C	13-1/2 CY, ARTICULATED	690 HP D	843,896	173.04	48.32	52.91	21.86	28.32
			FIATALLIS							
	L40FI007	FR20B	4.00 CY, 4WD, PWRSHIFT/TC	230 HP D	206,734	47.35	11.94	13.15	5.36	9.44
	L40FI008	FR35	7.00 CY, 4WD, PWRSHIFT/TC	350 HP D	322,477	71.52	18.83	20.95	8.35	14.36
			INTERNATIONAL/DRESSER							
	L40ID006	550	5.50 CY, ARTICULATED	315 HP D	294,290	64.42	17.26	19.27	7.62	12.93
	L40ID007	560B	7.50 CY, ARTICULATED	415 HP D	416,794	88.52	24.58	27.56	10.80	17.03
	L40ID008	570	12.0 CY, ARTICULATED	590 HP D	755,560	149.05	44.14	49.14	19.57	24.21
	L40ID009	580	22.0 CY, ARTICULATED	1100 HP D	1,687,095	321.71	98.48	109.53	43.71	45.14
			JOHN DEERE							
	L40JD005	844	5.00 CY, 4WD, ARTICULATED	260 HP D	203,744	48.52	11.75	12.94	5.28	10.67
			KAWASAKI							
	L40KA004	KSS85ZII	4.25 CY, 4WD, ARTICULATED	226 HP D	181,742	41.10	10.71	11.99	4.71	9.28
	L40KA005	KSS95ZII	6.00 CY, 4WD, ARTICULATED	310 HP D	254,432	58.44	14.83	16.48	6.59	12.72
	L40KA006	KSS110ZII	7.50 CY, 4WD, ARTICULATED	383 HP D	391,201	81.71	22.77	25.28	10.13	15.72

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
L40	LOADERS, FRONT END, WHEEL TYPE									
.12	OVER 225 HP									
	MICHIGAN / VME									
L40MC007	L160	5.00 CY, 4WD, ARTICULATED	252 HP D	239,674	51.72	13.94	15.45	6.21	10.34	448
L40MC008	L190	5.25 CY, 4WD, ARTICULATED, PS/TC	290 HP D	282,932	59.14	16.30	17.94	7.33	11.90	549
L40MC009	L270	7.00 CY, 4WD, ARTICULATED, PS/TC	360 HP D	412,856	81.73	24.15	26.89	10.70	14.77	826
L40MC010	L320	8.00 CY, 4WD, ARTICULATED, PS/TC	417 HP D	449,867	90.93	26.14	28.97	11.65	17.11	873
L40MC011	L480	12.5 CY, 4WD, ARTICULATED, PS/TC	650 HP D	787,659	157.86	44.90	48.98	20.41	26.68	1,634
L40MC012	L480T	12.5 CY BUCKET, TURBO TRANSMISSION	679 HP D	856,091	169.22	49.07	53.77	22.18	27.87	1,634
	TEREX									
L40TE002	70C	4.50 CY, 4WD ARTICULATED, POWERSHIFT	247 HP D	194,437	43.66	11.53	12.97	5.04	10.14	425
L40TE003	80C	6.00 CY, 4WD ARTICULATED, POWERSHIFT	315 HP D	280,097	62.40	16.40	18.28	7.26	12.93	579
L40TE004	85B	8.00 CY, 4WD ARTICULATED, POWERSHIFT	388 HP D	369,232	78.84	21.45	23.75	9.57	15.92	856
L40TE005	90C	8.50 CY, 4WD ARTICULATED, POWERSHIFT	460 HP D	432,672	92.80	25.10	27.77	11.21	18.88	978
	TROJAN/O & K									
L40TR006	4500Z	4.50 CY, 4WD ARTICULATED, POWERSHIFT	231 HP D	178,444	40.89	10.50	11.76	4.62	9.48	434
L40TR007	5500Z	5.50 CY, 4WD ARTICULATED, POWERSHIFT	294 HP D	255,271	57.71	14.88	16.54	6.61	12.07	602
L40TR008	7500	7.00 CY, 4WD ARTICULATED, POWERSHIFT	400 HP D	335,996	74.33	19.49	21.57	8.70	16.42	850
.20	SKID STEER									
	MELROE / BOBCAT									
L40ME001	440B	6 CWT, 36" BUCKET	16 HP G	7,318	3.76	0.57	0.73	0.20	1.61	21
L40ME002	443	6 CWT, 44" BUCKET	15 HP D	11,188	3.41	0.87	1.14	0.30	0.67	24
L40ME003	543	8 CWT, 48" BUCKET	22 HP D	14,304	4.49	1.13	1.47	0.39	0.98	33
L40ME004	642B	10 CWT, 54" BUCKET	32 HP G	13,756	7.27	1.08	1.41	0.37	3.23	38
L40ME005	643	10 CWT, 54" BUCKET	28 HP D	16,590	5.38	1.31	1.71	0.45	1.24	39
L40ME006	742	13 CWT, 60" BUCKET	34 HP G	17,923	8.43	1.42	1.85	0.49	3.43	45
L40ME007	743	13 CWT, 60" BUCKET	36 HP D	19,197	6.44	1.51	1.98	0.52	1.60	46
L40ME008	843	17 CWT, 60" BUCKET	54 HP D	24,707	8.91	1.92	2.49	0.67	2.40	63
L40ME009	943	24 CWT, 66" BUCKET	74 HP D	30,933	11.53	2.41	3.13	0.84	3.29	88
L40ME010	974	37 CWT, 84" BUCKET	78 HP D	45,440	15.37	3.44	4.42	1.23	3.47	121
L40ME011	975	37 CWT, 84" BUCKET	82 HP D	46,273	15.79	3.51	4.51	1.25	3.65	122

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
L40			LOADERS, FRONT END, WHEEL TYPE								
	.30		TOOL CARRIER								
	.31		O THRU 225 HP								
			CATERPILLAR								
	L40CA010	IT12	INTEGRATED TOOL CARRIER	65 HP D	68,016	15.49	4.31	4.77	1.92	2.67	180
	L40CA011	IT18B	INTEGRATED TOOL CARRIER	95 HP D	86,386	20.29	5.48	6.10	2.43	3.90	218
	L40CA012	IT28B	INTEGRATED TOOL CARRIER	110 HP D	97,186	22.92	6.19	6.89	2.74	4.51	243
	.32		OVER 225 HP								
			MICHIGAN / VME								
	L40MC013	L160 HIGH-LIFT	2.8 SQ METER GRAPPLE ARMS	252 HP D	316,180	63.69	18.60	20.81	8.19	10.34	448
L45			LOADERS w/ BACKHOE, CRAWLER TYPE								
			CATERPILLAR								
	L45CA001	931C	1.00 CY FE BUCKET W/30" B/H DIPPER	67 HP D	73,859	19.98	4.92	5.82	2.01	2.98	207
L50			LOADERS w/ BACKHOE, WHEEL TYPE								
			CATERPILLAR								
	L50CA001	416	1.00 CY FE BUCKET W/24" B/H DIPPER	62 HP D	53,753	12.64	3.40	3.78	1.51	2.54	132
	L50CA002	426	1.25 CY FE BUCKET W/30" B/H DIPPER	70 HP D	60,010	14.12	3.81	4.24	1.69	2.87	142
	L50CA003	436	1.38 CY FE BUCKET W/30" B/H DIPPER	77 HP D	63,302	15.11	4.01	4.45	1.78	3.16	147
			CASE								

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP		ELEMENTS FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC									
L50	LOADERS w/ BACKHOE, WHEEL TYPE																

CASE																	
	L50CS001	480E	0.88 CY FE BUCKET W/24" B/H DIPPER	63 HP D	36,997	9.83	2.34	2.59	1.04	2.59	97						
	L50CS002	580K	1.00 CY FE BUCKET W/24" B/H DIPPER	63 HP D	49,636	12.02	3.14	3.47	1.40	2.59	130						
	L50CS003	680K	1.50 CY FE BUCKET W/30" B/H DIPPER	90 HP D	79,925	18.61	5.08	5.65	2.25	3.69	165						
	L50CS004	780D	1.75 CY FE BUCKET W/30" B/H DIPPER	112 HP D	90,167	21.62	5.71	6.34	2.54	4.60	198						
FORD/NEW HOLLAND																	
	L50FN001	340B	16 CF FE BUCKET W/24" B/H DIPPER	48 HP D	38,122	9.24	2.40	2.66	1.07	1.97	103						
	L50FN002	445A	0.75 CY FE BUCKET W/24" B/H DIPPER	48 HP D	42,322	9.85	2.69	3.00	1.19	1.97	114						
	L50FN003	545A	0.75 CY FE BUCKET W/24" B/H DIPPER	60 HP D	45,041	11.06	2.85	3.15	1.27	2.46	119						
	L50FN004	555B	1.00 CY FE BUCKET W/24" B/H DIPPER	63 HP D	50,438	12.13	3.20	3.55	1.42	2.59	135						
	L50FN005	655A	1.00 CY FE BUCKET W/24" B/H DIPPER	72 HP D	56,218	13.64	3.55	3.93	1.58	2.95	149						
	L50FN006	755A	1.50 CY FE BUCKET W/24" B/H DIPPER	100 HP D	80,647	19.24	5.13	5.72	2.27	4.10	167						
JOHN DEERE																	
	L50JD001	310C	1.00 CY FE BUCKET W/18" B/H DIPPER	65 HP D	42,803	10.95	2.71	2.99	1.21	2.67	125						
	L50JD002	410C	1.00 CY FE BUCKET W/18" B/H DIPPER	75 HP D	51,207	12.94	3.24	3.59	1.44	3.08	144						
	L50JD003	510C	1.25 CY FE BUCKET W/18" B/H DIPPER	85 HP D	61,410	15.24	3.89	4.31	1.73	3.49	154						
	L50JD004	610C	1.25 CY FE BUCKET W/24" B/H DIPPER	95 HP D	69,098	17.10	4.38	4.86	1.95	3.90	163						
	L50JD005	710C	1.50 CY FE BUCKET W/24" B/H DIPPER	100 HP D	87,342	20.63	5.50	6.07	2.46	4.10	225						
MASSEY FERGUSON																	
	L50MF001	MF50E	1.00 CY FE BUCKET W/24" B/H DIPPER	65 HP D	52,853	12.58	3.36	3.74	1.49	2.67	120						
	L50MF002	MF50EX	1.00 CY FE BUCKET W/24" B/H DIPPER	74 HP D	53,837	13.23	3.43	3.81	1.52	3.04	129						
	L50MF003	MF60H/SERIES S	1.05 CY FE BUCKET W/24" B/H DIPPER	74 HP D	60,024	14.41	3.80	4.21	1.69	3.04	137						
L55	LOADER/BACKHOE, ATTACHMENTS																

KENT																	
	L55KN001	KB-555	AIR RAM W/NARROW CHISEL (ADD COMPR)	175 CFM A	5,866	2.26	0.56	0.77	0.17	0.00	6						
	L55KN002	KB-999	AIR RAM W/NARROW CHISEL (ADD COMPR)	250 CFM A	12,031	4.62	1.14	1.57	0.35	0.00	10						

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
L55 LOADER/BACKHOE, ATTACHMENTS											
		KENT									
	L55KN003	KB-2600	AIR RAM W/CHISEL(ADD MIN .75CY B/H)	750 CFM A	24,704	9.34	2.34	3.23	0.72	0.00	22
	L55KN004	KHP-12	HYDRA-PAK TAMPER, HYD, 21"W, 30"L, 27"H		4,996	1.73	0.48	0.65	0.15	0.00	9
	L55KN005	KHP225	HYDRA-PAK TAMPER, HYD, 27"W, 36"L, 31"H (ADD MIN .75 CY BACKHOE)		9,879	3.30	0.94	1.29	0.29	0.00	17
L60 LOG SKIDDER											
		CATERPILLAR									
	L60CA001	508	SKIDDER, CABLE, WITH 27,255# PULL	95 HP D	78,907	20.16	5.16	6.16	2.08	3.90	166
	L60CA002	508	SKIDDER, GRAPPLE WITH 27,225# PULL	95 HP D	94,284	22.84	6.21	7.46	2.48	3.90	182
	L60CA003	518	SKIDDER, CABLE WITH 32,000# PULL	120 HP D	89,977	23.40	5.92	7.09	2.37	4.92	221
	L60CA004	518	SKIDDER, GRAPPLE WITH 32,000# PULL	130 HP D	111,822	27.74	7.41	8.93	2.94	5.34	246
	L60CA005	528	SKIDDER, CABLE WITH 40,000# PULL	175 HP D	128,233	34.04	8.34	9.94	3.37	7.18	300
	L60CA006	FB-518	FELLER-BUNCHER, WHEEL MOUNTED	130 HP D	126,180	30.84	8.29	9.93	3.32	5.34	210
	L60CA007	FB-227	FELLER-BUNCHER, CRAWLER MOUNTED	135 HP D	282,512	56.39	19.33	23.79	7.43	5.54	706
		JOHN DEERE									
	L60JD001	540D	CABLE LOG SKIDDER, 26,700# LINE PULL	100 HP D	78,816	19.99	5.22	6.29	2.07	4.10	162
	L60JD002	640D	CABLE LOG SKIDDER, 32,100# LINE PULL	120 HP D	88,116	24.15	5.60	6.56	2.32	4.92	202
	L60JD003	548D	GRAPPLE LOG SKIDDR, 26,600# LINE PULL	100 HP D	87,374	21.49	5.81	7.01	2.30	4.10	181
	L60JD004	648D	GRAPPLE LOG SKIDDR, 26,700# LINE PULL	120 HP D	100,043	26.23	6.42	7.57	2.63	4.92	231
	L60JD005	740A	GRAPPLE LOG SKIDDR, 51,880# LINE PULL	158 HP D	144,402	38.68	8.98	10.35	3.80	6.48	358
	L60JD006	643	FELLER BUNCHER, WHEEL MOUNTED	145 HP D	114,511	30.07	7.40	8.78	3.01	5.95	275
		RANGER / VME									
	L60RN001	F665	CABLE SKIDDER, LINE PULL 22,400#	104 HP D	80,163	20.14	5.31	6.40	2.11	4.27	163
	L60RN002	F666	CABLE SKIDDER, LINE PULL 29,200#	132 HP D	92,539	24.78	5.90	6.93	2.43	5.42	217
	L60RN003	F667	CABLE SKIDDER, LINE PULL 33,400#	159 HP D	106,672	28.68	6.87	8.12	2.81	6.53	220
	L60RN004	F668	CABLE SKIDDER, LINE PULL 34,600#	217 HP D	142,578	41.09	8.53	9.56	3.75	8.91	346

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP		FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC									
P10	PILE EXTRACTORS & LEADS																

INTERNATIONAL CONST. EQUIP. (I.C.E)																	
	P10IC001	216	EXTRACTOR, LINE PULL 30 TON	155 HP D	78,609	27.61	6.55	8.15	2.47	6.36							
	P10IC002	416L	EXTRACTOR, LINE PULL 40 TON	250 HP D	127,452	44.69	10.62	13.21	4.01	10.26							
	P10IC003	612	EXTRACTOR, LINE PULL 40 TON	250 HP D	144,424	48.84	12.03	14.97	4.54	10.26							
	P10IC004	812	EXTRACTOR, LINE PULL 50 TON	503 HP D	203,551	77.01	16.96	21.10	6.41	20.64							
	P10IC005	1412	EXTRACTOR, LINE PULL 100 TON	650 HP D	329,990	115.89	27.49	34.21	10.38	26.68							
	NO SPECIFIC MANUFACTURER																
	P10XX001		LEADS, 8" X 21", LENGTH 60'		12,602	4.09	1.06	1.31	0.40	0.00							
	P10XX002		LEADS, 8" X 26", LENGTH 60'		15,358	5.75	1.28	1.59	0.48	0.00							
	P10XX003		LEADS, 10" X 37", LENGTH 60'		25,537	9.24	2.13	2.65	0.80	0.00							
P20	PILE HAMMERS, DOUBLE ACTING																

INTERNATIONAL CONST. EQUIP. (I.C.E)																	
	P20IC001	180	8,100 FT-LBS, MAXIMUM STROKE 4'9"	23 HP D	42,779	13.45	3.57	4.43	1.35	0.94							
	P20IC002	440	18,100 FT-LBS, MAXIMUM STROKE 4'8"	50 HP D	67,910	22.10	5.66	7.04	2.14	2.05							
	P20IC003	520	30,000 FT-LBS, MAXIMUM STROKE 5'11"	76 HP D	74,007	25.25	6.17	7.67	2.33	3.12							
	P20IC004	640	40,000 FT-LBS, MAXIMUM STROKE 6'8"	90 HP D	78,244	27.20	6.52	8.11	2.46	3.69							
	P20IC005	660	50,000 FT-LBS, MAXIMUM STROKE N/A	133 HP D	108,247	38.11	9.02	11.22	3.41	5.46							
	P20IC006	1070	70,000 FT-LBS, MAXIMUM STROKE 7'0"	136 HP D	121,514	42.06	10.12	12.60	3.82	5.58							
	MKT GEOTECHNICAL																
	P20MK001	DA-15C	9,350 FT-LBS, MAXIMUM STROKE 10'-6" DIESEL, (FUEL NOT INCLUDED)		49,192	14.37	4.10	5.10	1.55	0.00							
	P20MK002	5	1,000 FT-LBS, MAXIMUM STROKE 7" (ADD COMPRESSOR)	250 CFM A	15,149	4.58	1.27	1.57	0.48	0.00							
	P20MK003	6	2,500 FT-LBS, MAXIMUM STROKE 8-3/4" (ADD COMPRESSOR)	400 CFM A	19,215	5.82	1.60	1.99	0.60	0.00							
	P20MK004	7	4,150 FT-LBS, MAXIMUM STROKE 9-1/2" (ADD COMPRESSOR)	450 CFM A	23,915	7.28	1.99	2.48	0.75	0.00							
	P20MK005	9B3	8,750 FT-LBS, MAXIMUM STROKE 17"	600 CFM A	42,453	12.63	3.54	4.40	1.34	0.00							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT							
					AVERAGE	STANDBY	DEPR	CFC									
P20	PILE HAMMERS, DOUBLE ACTING																

MKT GEOTECHNICAL																	

P20MK005 9B3 8,750 FT-LBS, MAXIMUM STROKE 17" (ADD COMPRESSOR) 600 CFM A 42,453 12.63 3.54 4.40 1.34 0.00 74																	
P20MK006 10B3 13,100 FT-LBS, MAXIMUM STROKE 19" (ADD COMPRESSOR) 750 CFM A 44,173 13.27 3.68 4.58 1.39 0.00 114																	
P20MK007 11B3 19,150 FT-LBS, MAXIMUM STROKE 19" (ADD COMPRESSOR) 900 CFM A 50,802 15.17 4.24 5.27 1.60 0.00 141																	
VULCAN																	

P20VU001 50C 15,100 FT-LBS, MAXIMUM STROKE 15'-6" (ADD COMPRESSOR) 1250 CFM A 54,884 16.35 4.58 5.69 1.73 0.00 153																	
P20VU002 65CA 19,200 FT-LBS, MAXIMUM STROKE 15'-6" (ADD COMPRESSOR) 1450 CFM A 62,731 18.70 5.22 6.50 1.97 0.00 153																	
P20VU003 80C 24,450 FT-LBS, MAXIMUM STROKE 16'-6" (ADD COMPRESSOR) 1750 CFM A 67,461 20.20 5.62 6.99 2.12 0.00 184																	
P20VU004 100C 32,900 FT-LBS, MAXIMUM STROKE N/A'' (ADD COMPRESSOR) 2050 CFM A 82,691 24.72 6.89 8.57 2.60 0.00 232																	
P20VU005 140C 36,000 FT-LBS, MAXIMUM STROKE 15'-6" (ADD COMPRESSOR) 2150 CFM A 101,497 30.14 8.45 10.52 3.19 0.00 287																	
P20VU006 200C 50,200 FT-LBS, MAXIMUM STROKE 15'-6" (ADD COMPRESSOR) 2550 CFM A 146,302 43.15 12.19 15.17 4.60 0.00 398																	
P25	PILE HAMMERS, SINGLE ACTING																

MKT GEOTECHNICAL																	

P25MK001 DE-33/30/20B 28,050 FT-LBS, MAXIMUM STROKE 10'-6" DIESEL, (FUEL NOT INCLUDED) 54,245 15.06 4.52 5.62 1.71 0.00 78																	
P25MK002 DA-35C 21,050 FT-LBS, MAXIMUM STROKE 10'-6" DIESEL, (FUEL NOT INCLUDED) 62,251 17.43 5.19 6.45 1.96 0.00 113																	
P25MK003 DE-70B/50B 42,000 FT-LBS, MAXIMUM STROKE 10'-9" DIESEL, (FUEL NOT INCLUDED) 85,664 23.90 7.14 8.88 2.70 0.00 140																	
VULCAN																	

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE OWNERSHIP		FUEL	CWT					
					AVERAGE	STANDBY	DEPR	CFC							
P25	PILE HAMMERS, SINGLE ACTING														

	VULCAN														
	P25VU001	1	15,000 FT-LBS (ADD COMPRESSOR)	750 CFM A	40,499	11.45	3.37	4.20	1.27	0.00					
	P25VU002	06	19,500 FT-LBS (ADD COMPRESSOR)	900 CFM A	47,938	13.54	4.00	4.97	1.51	0.00					
	P25VU003	08	26,000 FT-LBS (ADD COMPRESSOR)	1100 CFM A	58,104	16.40	4.84	6.02	1.83	0.00					
	P25VU004	010	32,900 FT-LBS (ADD COMPRESSOR)	1350 CFM A	61,485	17.45	5.12	6.37	1.93	0.00					
	P25VU005	012	39,000 FT-LBS (ADD COMPRESSOR)	1500 CFM A	69,334	19.50	5.78	7.19	2.18	0.00					
	P25VU006	014	42,000 FT-LBS (ADD COMPRESSOR)	1750 CFM A	83,602	23.68	6.97	8.67	2.63	0.00					
	P25VU007	016	48,750 FT-LBS (ADD COMPRESSOR)	1750 CFM A	94,230	26.57	7.86	9.77	2.97	0.00					
	P25VU008	020	60,000 FT-LBS (ADD COMPRESSOR)	2150 CFM A	123,322	34.68	10.27	12.78	3.88	0.00					
	P25VU009	030	90,000 FT-LBS (ADD COMPRESSOR)	2350 CFM A	145,421	40.81	12.12	15.08	4.58	0.00					
P30	PILE HAMMERS, VIBRATORY														

	MKT GEOTECHNICAL														
	P30MK001	V-5B	MAXIMUM DRIVING FORCE 40 TON	113 HP D	79,999	27.86	6.67	8.29	2.52	4.64					
	P30MK002	V-17	MAXIMUM DRIVING FORCE 80 TON	280 HP D	154,194	57.07	12.84	15.98	4.85	11.49					
	P30MK003	V-20	MAXIMUM DRIVING FORCE 116 TON	350 HP D	186,007	69.51	15.49	19.28	5.85	14.36					
	P30MK004	V-30	MAXIMUM DRIVING FORCE 160 TON	550 HP D	242,009	95.57	20.17	25.09	7.62	22.57					
	P30MK005	V-36	MAXIMUM DRIVING FORCE 182 TON	650 HP D	270,608	108.77	22.55	28.05	8.52	26.68					
P35	PIPELAYERS														

	CATERPILLAR														
	P35CA001	561D	15 FT BOOM, 40,000 LB CAP	105 HP D	150,313	27.38	8.76	9.18	4.17	2.39					
	P35CA002	571G	18 FT BOOM, 60,000 LB CAP	200 HP D	245,832	45.70	14.34	15.02	6.83	4.56					
	P35CA003	572G	18 FT BOOM, 90,000 LB CAP	200 HP D	268,075	49.26	15.64	16.37	7.45	4.56					
	P35CA004	583K	20 FT BOOM, 140,000 LB CAP	300 HP D	352,717	66.00	20.58	21.55	9.80	6.84					
P40	PLATFORMS, AERIAL WORK														

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
P40			PLATFORMS, AERIAL WORK							
			GROVE							
	P40GV001	SM32700	SCISSOR,M-LIFT,26'HIGH,1500# CAP.	23 HP G	30,079	8.59	2.25	2.79	0.85	1.67
	P40GV002	SM31RT	SCISSOR,M-LIFT,25'HIGH,2000# CAP.	30 HP G	33,234	9.92	2.48	3.09	0.93	2.18
	P40GV003	SM42RT	SCISSOR,M-LIFT,36'HIGH,1500# CAP.	30 HP G	42,139	11.80	3.16	3.96	1.18	2.18
	P40GV004	MZ48B	BOOM,M-LIFT,42'HIGH, 600# CAP.	30 HP G	68,051	17.80	5.17	6.51	1.91	2.18
	P40GV005	MZ66A	BOOM,M-LIFT,60'HIGH, 750# CAP.	62 HP G	101,784	28.45	7.43	9.13	2.86	4.51
	P40GV006	MZ76	BOOM,M-LIFT,70'HIGH, 600# CAP.	62 HP G	123,554	32.80	9.16	11.37	3.47	4.51
	P40GV007	MZ90	BOOM,M-LIFT,84'HIGH, 600# CAP.	62 HP G	148,847	38.08	11.13	13.89	4.18	4.51
	P40GV008	MZ116B	BOOM,M-LIFT,110'HIGH,700# CAP.	62 HP G	209,873	50.99	15.81	19.82	5.90	4.51
	P40GV009	AMZ40XT	ART BOOM,M-LIFT,34.5'H,600# CAP,4WD	20 HP G	47,541	12.57	3.62	4.55	1.34	1.46
	P40GV010	AMZ50XT	ART BOOM,M-LIFT,43.5'H,600# CAP,4WD	33 HP G	58,912	16.19	4.49	5.65	1.66	2.40
	P40GV011	AMZ66XT	ART BOOM,M-LIFT,60'H,600# CAP,4WD	53 HP G	107,062	28.34	8.09	10.15	3.01	3.86
			REACH ALL							
	P40RE001	AP41MH	LINE TRUCK WITH AERIAL PLATFORM	165 HP G	68,464	30.77	5.20	6.56	1.92	12.01
P45			PUMPS, GROUT							
			CHEMGROUT							
	P45CG001	CG-050	GROUT PUMP,PORTABLE, 5 GPM, 100 PSI (ADD AIR COMPRESSOR)	15 CFM A	2,862	0.72	0.23	0.30	0.08	0.00
	P45CG002	CG-550	GROUT PLANT/MIXER, 5 GPM, 100 PSI (ADD AIR COMPRESSOR)	85 CFM A	5,038	1.29	0.41	0.53	0.14	0.00
	P45CG003	CG-500	GROUT PLANT, 1-20 GPM, 100 PSI (ADD AIR COMPRESSOR)	230 CFM A	13,381	3.28	1.06	1.40	0.36	0.00
	P45CG004	CG-600	COLLOIDAL PUMP/MIXER,20 GPM,100 PSI (ADD AIR COMPRESSOR)	450 CFM A	24,117	5.96	1.92	2.53	0.65	0.00
	P45CG005	CG-625	COLLOIDAL GROUT PUMP, 1.5 - 16 GPM (TRAILER MOUNTED)	22 HP D	25,999	7.78	2.05	2.70	0.70	1.33
P50			PUMPS, WATER, CENTRIFUGAL, TRASH							
	.10		SKID MOUNTED							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT		
					AVERAGE	STANDBY	DEPR	CFC				
P50			PUMPS, WATER, CENTRIFUGAL, TRASH									

	.10		SKID MOUNTED									

	.11		ENGINE DRIVE									

			HOMELITE									
		P50HO001	121TP2	2" - 10,400 GPH AT 25' HEAD, TRASH	5 HP G	1,137	1.09	0.08	0.10	0.03	0.65	1
		P50HO002	RDTP2	2" - 10,400 GPH AT 25' HEAD, TRASH	6 HP D	1,868	0.86	0.14	0.17	0.05	0.34	1
		P50HO003	120TP3	3" - 19,680 GPH AT 25' HEAD, TRASH	8 HP G	1,372	1.67	0.11	0.13	0.04	1.04	2
		P50HO004	RDTP3	3" - 19,680 GPH AT 25' HEAD, TRASH	8 HP D	2,912	1.25	0.22	0.27	0.08	0.46	2
		P50HO005	160TP4	4" - 39,720 GPH AT 25' HEAD, TRASH	16 HP G	2,987	3.39	0.23	0.27	0.09	2.08	4
			WACKER									
		P50WC001	PT 2R	2" DIA TRASH PUMP, 235GPM AT 100'HD	5 HP G	1,081	1.09	0.08	0.10	0.03	0.65	1
		P50WC002	PT 3R	3" DIA TRASH PUMP, 440GPM AT 95'HD	8 HP G	1,326	1.65	0.10	0.12	0.04	1.04	2
		P50WC003	PT 4H	4" DIA TRASH PUMP, 625GPM AT 87'HD	12 HP D	5,417	2.09	0.41	0.49	0.16	0.68	6
		P50WC004	PT 6DT	6" DIA TRASH PUMP, 1300GPM AT 100'HD	35 HP D	12,547	5.42	0.93	1.14	0.36	2.00	22
	.12		-----									
			ELECTRIC DRIVE									

	.20		WHEEL MOUNTED									

	.21		ENGINE DRIVE									

	.22		ELECTRIC DRIVE									

P55			PUMPS, WATER, SUBMERSIBLE									

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
P55			PUMPS, WATER, SUBMERSIBLE							
	.01		ENGINE DRIVE							
	.02		ELECTRIC DRIVE							
			GORMAN-RUPP							
	P55GR001	S2A1	2" - 138 GPM AT 20' HEAD	2 HP E	1,896	0.73	0.12	0.14	0.05	0.31
	P55GR002	S3A1	3" - 278 GPM AT 20' HEAD	5 HP E	2,584	1.50	0.17	0.19	0.07	0.77
	P55GR003	S4A1	4" - 860 GPM AT 40' HEAD	25 HP E	10,378	7.11	0.67	0.76	0.29	3.83
	P55GR004	S6A1	6" - 1,950 GPM AT 40' HEAD	60 HP E	13,187	15.29	0.85	0.96	0.37	9.18
			MARLOW							
	P55ML001	2S11	2" - 84 GPM AT 20' HEAD	1 HP E	1,400	0.43	0.09	0.10	0.04	0.15
	P55ML002	3S22	3" - 190 GPM AT 20' HEAD	2 HP E	1,989	0.76	0.14	0.15	0.06	0.31
	P55ML003	4S83	4" - 550 GPM AT 25' HEAD	8 HP E	2,715	2.18	0.18	0.20	0.08	1.22
			WACKER							
	P55WC001	STP 2500	3" - 485 GPM AT 55' HEAD	3 HP E	2,943	1.39	0.19	0.21	0.08	0.46
	P55WC002	STP 4500	4" - 350 GPM AT 85' HEAD	6 HP E	3,507	2.21	0.23	0.26	0.10	0.92
	P55WC003	STP 8000	4" - 975 GPM AT 110' HEAD	11 HP E	3,721	3.37	0.25	0.27	0.11	1.68
P60			PUMPS, WATER, CENTRIF, DEWATERING							
	.10		SKID MOUNTED							
	.11		ENGINE DRIVE							
			HOMELITE							
	P60HO001	111S1.5	1-1/2" - 5,500 GPH AT 30' HEAD	3 HP G	517	0.62	0.04	0.05	0.01	0.39
	P60HO002	111S2	2" - 9,000 GPH AT 22' HEAD	3 HP G	708	0.66	0.05	0.06	0.02	0.39
	P60HO003	120S3	3" - 17,600 GPH AT 20' HEAD	8 HP G	1,216	1.63	0.10	0.11	0.04	1.04

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
P60 PUMPS, WATER, CENTRIF, DEWATERING										
	.11	ENGINE DRIVE								
		MARLOW								
	P60ML001	4D2	465 GPM AT 40' HEAD	38 HP G	10,541	8.76	0.78	0.96	0.30	4.95
	P60ML002	4C7	500 GPM AT 100' HEAD	30 HP D	11,220	4.74	0.83	1.02	0.32	1.71
	P60ML003	6E4P	1100 GPM AT 40' HEAD	79 HP G	15,876	16.95	1.19	1.45	0.46	10.29
	P60ML004	6E4P	1100 GPM AT 40' HEAD	60 HP D	20,486	9.07	1.53	1.87	0.59	3.42
	P60ML005	8FB3-1	2320 GPM AT 20' HEAD	70 HP D	26,413	11.12	1.97	2.41	0.76	3.99
	P60ML006	10FA61-1	2320 GPM AT 20' HEAD	68 HP D	27,417	11.17	2.04	2.50	0.79	3.88
	.12	ELECTRIC DRIVE								
	.20	WHEEL MOUNTED								
	.21	ENGINE DRIVE								
	.22	ELECTRIC DRIVE								
P65 PUMPS, WATER, DIAPHRAGM										
	.10	SKID MOUNTED								
	.11	ENGINE DRIVE								
		HOMELITE								
	P65HO001	111DP2	2" - 2,000 GPH AT 25' HEAD	3 HP G	1,098	0.74	0.08	0.10	0.03	0.39
	P65HO002	111DP3	3" - 4,800 GPH AT 25' HEAD	3 HP G	1,323	0.79	0.10	0.12	0.04	0.39

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
P65			PUMPS, WATER, DIAPHRAGM							
	.12		ELECTRIC DRIVE							
	.20		WHEEL MOUNTED							
	.21		ENGINE DRIVE							
	.22		ELECTRIC DRIVE							
P70			PUMPS, WATER (FOR CORE DRILLS)							
	.01		ENGINE DRIVE							
			ACKER DRILL							
	P70AD001	APS 11-5	6 GPM, UP TO 100 PSI	2 HP G	1,015	0.54	0.08	0.09	0.03	0.26
	.02		ELECTRIC DRIVE							
R10			RIPPERS & HYDRAULIC BANK SLOPERS (does not include cost of point wear)							
			CATERPILLAR							
	R10CA001	D-3	RIPPER, THREE- SHANK;W/HYD-CONTROL	3,324	0.80	0.26	0.33	0.09	0.00	7
	R10CA002	D-3	RIPPER,SHANKS, EACH	184	0.05	0.02	0.02	0.01	0.00	1
	R10CA003	D-4	RIPPER, SINGLE-SHANK;W/HYD-CONTROL	6,157	1.41	0.47	0.60	0.17	0.00	12
	R10CA004	D-4	RIPPER,SHANKS, EACH	366	0.08	0.03	0.04	0.01	0.00	1
	R10CA005	D-5	RIPPER, SINGLE-SHANK;W/HYD-CONTROL	10,086	2.27	0.78	0.99	0.28	0.00	17

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC					
R10	RIPPERS & HYDRAULIC BANK SLOPERS (does not include cost of point wear)												
CATERPILLAR													
	R10CA006	D-5	RIPPER, SHANKS, EACH	725	0.16	0.06	0.07	0.02	0.00	2			
	R10CA007	D-6	RIPPER, MULTI-SHANK; W/HYD-CONTROL	13,835	3.09	1.07	1.36	0.39	0.00	35			
	R10CA008	D-6	RIPPER, SHANKS, EACH	725	0.16	0.06	0.07	0.02	0.00	2			
	R10CA009	D-7	RIPPER, MULTI-SHANK; W/HYD-CONTROL	22,667	5.01	1.75	2.23	0.63	0.00	65			
	R10CA010	D-7	RIPPER, SHANKS, EACH	1,237	0.26	0.09	0.12	0.03	0.00	3			
	R10CA011	D-8	RIPPER, SINGLE-SHANK; W/HYD-CNTL&SHNK	37,519	8.27	2.90	3.69	1.05	0.00	101			
	R10CA012	D-8	RIPPER, MULTI-SHANK; W/HYD-CONTROL	37,124	8.18	2.87	3.65	1.04	0.00	104			
	R10CA013	D-8	RIPPER, SHANKS, EACH	2,401	0.53	0.19	0.24	0.07	0.00	7			
	R10CA014	D-9	RIPPER, SINGLE-SHANK; W/HYD-CNTL&SHNK	42,291	9.36	3.26	4.16	1.18	0.00	100			
	R10CA015	D-9	RIPPER, MULTI-SHANK; W/HYD-CONTROL	40,134	8.89	3.09	3.94	1.12	0.00	108			
	R10CA016	D-9	RIPPER, SHANKS, EACH	2,578	0.56	0.20	0.25	0.07	0.00	8			
	R10CA017	D-10	RIPPER, SINGLE-SHANK	59,404	13.14	4.58	5.84	1.66	0.00	147			
	R10CA018	D-10	RIPPER, MULTI-SHANK	60,454	13.37	4.66	5.94	1.69	0.00	150			
	R10CA019	D-10	RIPPER, SHANKS, EACH	4,227	0.93	0.33	0.42	0.12	0.00	11			
	R10CA020	D-11N	RIPPER, SINGLE-SHANK	79,500	17.52	6.13	7.81	2.22	0.00	191			
	R10CA021	D-11N	RIPPER, MULTI-SHANK	74,831	16.53	5.77	7.35	2.09	0.00	206			
	R10CA022	D-11N	RIPPER, SHANKS, EACH	4,760	1.03	0.37	0.47	0.13	0.00	15			
FIATALLIS													
	R10FI001	FD20	RIPPER, MULTI-SHANK (3), REAR	22,276	4.94	1.72	2.19	0.62	0.00	88			
	R10FI002	FD30	RIPPER, MULTI-SHANK (3), REAR	36,890	8.12	2.84	3.62	1.03	0.00	108			
	R10FI003	FD30B	RIPPER, MULTI-SHANK (3), HYD PITCH	46,048	10.12	3.55	4.52	1.29	0.00	108			
	R10FI004	FD40	RIPPER, MULTI-SHANK, HYD PITCH	46,748	10.37	3.61	4.59	1.31	0.00	200			
	R10FI005	FD40B	RIPPER, MULTI-SHANK, HYD PITCH	59,208	13.08	4.56	5.82	1.65	0.00	200			
	R10FI006	FD50	RIPPER, MULTI-SHANK, HYD PITCH	57,131	12.71	4.41	5.61	1.60	0.00	280			
R15	ROLLERS, TOWED - PNEUMATIC												
SOUTHWEST													
	R15SO001	C-50	60 TON CAPACITY, STATIC	91,618	15.46	5.38	5.75	2.50	0.00	309			
	R15SO002	C-75	75 TON CAPACITY, STATIC	101,045	17.08	5.78	6.05	2.75	0.00	347			
	R15SO003	C-100XL	100 TON CAPACITY, STATIC	147,034	24.80	8.74	9.45	4.01	0.00	551			

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
R30			ROLLERS, STATIC, SELF-PROPELLED								
	.01		PNEUMATIC								
			BOMAG								
	R30BO001	BW12R	68.3" WIDE, 9 TIRES, HYDROSTATIC	73 HP D	41,040	12.02	3.02	3.76	1.14	3.00	90
	R30BO002	BW16R	78.2" WIDE, 8 TIRES, HYDROSTATIC	103 HP D	84,246	22.26	6.23	7.76	2.35	4.23	165
	R30BO003	BW20R	78.2" WIDE, 8 TIRES, HYDROSTATIC	103 HP D	89,076	23.20	6.60	8.23	2.48	4.23	254
			CATERPILLAR								
	R30CA001	PS-110	84" WIDE, 11 TIRES	77 HP D	56,561	15.41	4.20	5.23	1.58	3.16	69
	R30CA002	PS-180	68" WIDE, 9 TIRES	77 HP D	57,783	15.59	4.32	5.42	1.61	3.16	95
			FERGUSON								
	R30FR001	SP-912	12 TON, 9 TIRES	85 HP D	45,196	13.43	3.35	4.17	1.26	3.49	88
	R30FR002	SP-915	15 TON, 9 TIRES	85 HP D	50,231	14.42	3.74	4.67	1.40	3.49	121
	R30FR003	SP-1118	18 TON, 11 TIRES, HYDROSTATIC	85 HP D	59,101	16.24	4.39	5.48	1.65	3.49	110
	R30FR004	SP-1130	30 TON, 11 TIRES, HYDROSTATIC	121 HP D	96,531	25.68	7.13	8.88	2.69	4.97	228
			HYSSTER								
	R30HY001	C530A	10-12.5 TON, 9 TIRES, POWERSHIFT	81 HP D	49,838	14.14	3.71	4.63	1.39	3.32	80
			INGRAM								
	R30IG001	9-2800-PB	12 TON, 9 TIRES, HYDROSTATIC	76 HP D	37,937	11.55	2.79	3.46	1.06	3.12	91
	R30IG002	9-3400-PB	15 TON, 9 TIRES, HYDROSTATIC	76 HP D	44,665	12.87	3.31	4.12	1.25	3.12	110
	R30IG003	11-2700-R	15 TON, 11 TIRES, HYDROSTATIC	80 HP D	47,879	13.78	3.53	4.38	1.34	3.28	82
	R30IG004	13-2300-R	15 TON, 13 TIRES, HYDROSTATIC	80 HP D	49,921	14.20	3.65	4.52	1.39	3.28	86
	R30IG005	9-5500-SB	25 TON, 9 TIRES, HYDROSTATIC	115 HP D	91,648	24.44	6.72	8.31	2.56	4.72	204
	R30IG006	9-6600-SB	30 TON, 9 TIRES, HYDROSTATIC	157 HP D	95,767	27.38	7.03	8.71	2.67	6.44	266
			INGERSOLL-RAND								
	R30IN001	PT-120R	13.5 TON, 9 TIRES, HYDROSTATIC	76 HP D	45,701	13.09	3.38	4.22	1.27	3.12	97
	R30IN002	PT-140A	14.0 TON, 9 TIRES, HYDROSTATIC	87 HP D	58,090	16.09	4.34	5.44	1.62	3.57	145
	.02		SMOOTH DRUM								

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
R30			ROLLERS, STATIC, SELF-PROPELLED								
	.02		SMOOTH DRUM								
			FERGUSON								
	R30FR005	35A	3-5 TON, TANDEM, HYDROSTATIC	50 HP D	33,666	8.28	2.25	2.66	0.92	2.05	83
	R30FR006	46A	4-6 TON, TANDEM, HYDROSTATIC	50 HP D	39,976	9.34	2.67	3.15	1.09	2.05	95
	R30FR007	5-8B	5-8 TON, TANDEM, HYDROSTATIC	85 HP D	59,383	14.45	3.97	4.69	1.62	3.49	131
	R30FR008	8-10.5B	8-10 TON, TANDEM, HYDROSTATIC	85 HP D	62,044	14.90	4.14	4.90	1.69	3.49	162
	R30FR009	8-12B	8-12 TON, TANDEM, HYDROSTATIC	85 HP D	65,026	15.40	4.34	5.13	1.77	3.49	171
	R30FR010	10-14B	10-14 TON, TANDEM, HYDROSTATIC	85 HP D	67,807	15.88	4.53	5.35	1.85	3.49	203
			HYSSTER								
	R30HY002	C330B	3-5 TON, TANDEM	48 HP D	38,033	8.92	2.54	3.00	1.04	1.97	86
	R30HY003	C330B	4-6 TON, TANDEM	48 HP D	45,017	10.11	3.01	3.55	1.23	1.97	96
	R30HY004	C340C	5-8 TON, TANDEM	80 HP D	55,273	13.48	3.69	4.36	1.51	3.28	140
	R30HY005	C340C	8-10 TON, TANDEM	80 HP D	58,984	14.11	3.94	4.65	1.61	3.28	162
	R30HY006	C350D	8-12 TON, TANDEM	80 HP D	65,803	15.27	4.39	5.19	1.79	3.28	173
	R30HY007	C350D	10-14 TON, TANDEM	80 HP D	69,609	15.92	4.65	5.49	1.90	3.28	215
			INTERNATIONAL/DRESSER								
	R30ID001	S3-5B	3-5 TON, TANDEM	44 HP D	37,243	8.58	2.48	2.94	1.01	1.81	78
	R30ID002	S4-6B	4-6 TON, TANDEM	44 HP D	45,002	9.90	3.01	3.55	1.23	1.81	90
	R30ID003	708	5-8 TON, TANDEM	87 HP D	59,845	14.62	3.99	4.72	1.63	3.57	133
	R30ID004	710	8-10 TON, TANDEM	87 HP D	63,792	15.29	4.26	5.03	1.74	3.57	170
	R30ID005	712	8-12 TON, TANDEM	87 HP D	67,773	15.97	4.53	5.35	1.85	3.57	176
	R30ID006	714	10-14 TON, TANDEM	87 HP D	72,045	16.69	4.80	5.68	1.96	3.57	222
			INGRAM								
	R30IG007	10-15T AE	10-15 TON, 3 WHEEL, ARTICULATED	76 HP D	57,941	13.73	3.87	4.57	1.58	3.12	197
	R30IG008	12T EB	12 TON, 3 WHEEL, 3" OVERLAP	76 HP D	60,568	14.18	4.04	4.78	1.65	3.12	195
	R30IG009	14T EB	14 TON, 3 WHEEL, 3" OVERLAP	76 HP D	64,842	14.92	4.33	5.12	1.77	3.12	215
	R30IG010	4-6T FB	4-6 TON, TANDEM	54 HP G	29,967	11.39	2.00	2.36	0.82	5.07	82
	R30IG011	5-6.5T FB	5-6.5 TON, TANDEM, PORTABLE	54 HP G	37,325	12.64	2.49	2.94	1.02	5.07	97
	R30IG012	6-9T GB	6-9 TON, TANDEM	80 HP D	47,694	12.19	3.18	3.76	1.30	3.28	133
	R30IG013	8-10T GB	8-10 TON, TANDEM	85 HP D	50,504	12.93	3.37	3.98	1.38	3.49	173
	R30IG014	8-12T HB	8-12 TON, TANDEM	80 HP D	55,532	13.52	3.70	4.38	1.51	3.28	172

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT	
					AVERAGE	STANDBY	DEPR	CFC			
ROLLERS, STATIC, SELF-PROPELLED											
R30	.02	SMOOTH DRUM									
INGRAM											
	R30IG015	10-14T HB	10-14 TON, TANDEM	80 HP D	58,710	14.06	3.92	4.63	1.60	3.28	204
ROSCO											
	R30RS001	DLX ROLLPAC III	1 TON, TANDEM, 34" WIDE	14 HP G	7,000	2.82	0.47	0.55	0.19	1.31	14
	R30RS002	STAPAC III	2 TON, TANDEM, 40" WIDE	18 HP G	9,809	3.77	0.66	0.77	0.27	1.69	23
	.03	TAMPING FOOT									
CATERPILLAR											
	R30CA003	815B	LANDFILL COMPACTOR, 56"DIA X 38.5"L TAMPING FOOT, WITHOUT BLADE	210 HP D	193,294	43.60	12.90	15.25	5.27	8.62	420
	R30CA004	816B	LANDFILL COMPACTOR, 63"D X 40"L CHOPPER WHEELS, WITH STRAIGHT BLADE	210 HP D	193,865	43.70	12.93	15.30	5.28	8.62	451
	R30CA005	825C	LANDFILL COMPACTOR, 51" DIA X 44" L TAMPING FOOT, WITHOUT BLADE	310 HP D	294,541	65.92	19.65	23.24	8.03	12.72	654
	R30CA006	825C	LANDFILL COMPACTOR, 51" DIA X 44" L TAMPING FOOT, WITH STRAIGHT BLADE	310 HP D	306,018	67.87	20.41	24.14	8.34	12.72	706
	R30CA007	826C	LANDFILL COMPACTOR, 60"D X 48"L CHOPPER WHEELS, WITH STRAIGHT BLADE	310 HP D	311,504	68.81	20.78	24.58	8.49	12.72	690
ROLLERS, VIBRATORY, TOWED											
R40		CATERPILLAR									
	R40CA001	TSF-54 (PADS)	54"W X 30"D, PADFOOT, 5 TON	35 HP D	22,661	7.32	1.75	2.23	0.63	2.00	48
	R40CA002	TSM	54"W X 30"D, 5 TON	35 HP D	20,586	6.89	1.59	2.03	0.57	2.00	48
HYSTER											
	R40HY001	C200B	48" DIAMETER X 60" WIDE	36 HP G	26,557	11.68	2.05	2.62	0.74	4.69	72
	R40HY002	C210A (PADS)	58" DIAMETER X 60" WIDE	36 HP G	32,667	12.94	2.52	3.22	0.91	4.69	92

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT																
					AVERAGE	STANDBY	DEPR	CFC																			
R40	ROLLERS, VIBRATORY, TOWED																										

HYSTER																											
	R40HY003	C200B	48" DIAMETER X 60" WIDE	36 HP D	32,591	9.44	2.52	3.21	0.91	2.05	72																
	R40HY004	C210A (PADS)	58" DIAMETER X 60" WIDE	36 HP D	38,700	10.71	2.99	3.82	1.08	2.05	92																
SOUTHWEST																											
	R40SO001	566 SHEEPSFOOT	72" WIDE X 56" DIA., 25.5 TON	50 HP D	114,975	27.52	8.88	11.34	3.21	2.85	165																
	R40SO002	756 SHEEPSFOOT	78" WIDE X 66" DIA., 23.5 TON	75 HP D	120,901	30.63	9.33	11.92	3.37	4.28	169																
R45	ROLLERS, VIBRATORY, DOUBLE DRUM,																										

BOMAG																											
	R45B0001	BW120AD	47.2" WIDE X 26.6" DIA., HYDROSTATIC	35 HP D	34,145	10.72	2.64	3.37	0.95	2.00	51																
	R45B0002	BW141AD	55.9" WIDE X 41.3" DIA., HYDROSTATIC	74 HP D	73,154	22.89	5.65	7.21	2.04	4.22	136																
	R45B0003	BW151AD	66.1" WIDE X 41.4" DIA., HYDROSTATIC	74 HP D	86,674	26.10	6.70	8.55	2.42	4.22	146																
	R45B0004	BW161AD	66.0" WIDE X 47" DIA., HYDROSTATIC	102 HP D	94,938	30.15	7.33	9.36	2.65	5.81	188																
	R45B0005	BW202AD	80.0" WIDE X 48" DIA., HYDROSTATIC	102 HP D	100,222	31.40	7.74	9.88	2.80	5.81	209																
CATERPILLAR																											
	R45CA001	CB-214B	39.4" WIDE X 27.5" DIAMETER	33 HP D	28,107	9.13	2.17	2.77	0.78	1.88	51																
	R45CA002	CB-244B	47.2" WIDE X 27.5" DIAMETER	33 HP D	33,191	10.34	2.57	3.27	0.93	1.88	54																
	R45CA003	CB-314	44" WIDE X 30" DIAMETER	55 HP D	38,082	13.16	2.94	3.76	1.06	3.14	74																
	R45CA004	CB-414	55" WIDE X 42" DIAMETER	70 HP D	79,020	23.97	6.10	7.79	2.20	3.99	128																
	R45CA005	CB-434	56" WIDE X 43.5" DIAMETER	80 HP D	77,855	24.45	6.01	7.68	2.17	4.56	134																
	R45CA006	CB-514	66" WIDE X 48" DIAMETER	91 HP D	99,221	30.35	7.67	9.79	2.77	5.19	200																
	R45CA007	CB-534	67" WIDE X 51" DIAMETER	125 HP D	98,528	32.74	7.61	9.72	2.75	7.13	201																
	R45CA008	CB-614	78" WIDE X 54" DIAMETER	155 HP D	119,880	40.05	9.25	11.82	3.34	8.84	226																
DYNAPAC																											
	R45DY001	CC101	42" WIDE X 26" DIA., TANDEM, 2 TON	31 HP D	37,682	11.26	2.91	3.72	1.05	1.77	53																
	R45DY002	CC211	57" WIDE X 41" DIA., TANDEM, 4 TON	72 HP D	91,924	27.17	7.10	9.07	2.56	4.10	157																
	R45DY003	CC421	68" WIDE X 48" DIA., TANDEM, 12 TON	123 HP D	113,935	36.23	8.80	11.24	3.18	7.01	224																

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC					
R45	ROLLERS, VIBRATORY, DOUBLE DRUM, *****												
	DYNAPAC												
	R45DY004	CC501	84" WIDE X 60" DIA., TANDEM, 18 TON	210 HP D	166,936	55.32	12.89	16.46	4.66	11.97			
	R45DY005	CC511PD (PADS)	84" WIDE X 61" DIA., TANDEM, TF 22T	154 HP D	153,616	47.97	11.87	15.15	4.29	8.78			
	HYSTER												
	R45HY001	C727A	72" WIDE X 48" DIAMETER, TANDEM	130 HP D	97,136	32.78	7.50	9.58	2.71	7.41			
	R45HY002	C766A	66" WIDE X 48" DIAMETER, TANDEM	102 HP D	97,629	30.78	7.54	9.63	2.72	5.81			
	INTERNATIONAL/DRESSER												
	R45ID001	VOS2-42A	42" WIDE X 30" DIAMETER, HYDROSTATIC	41 HP D	41,548	12.93	3.21	4.10	1.16	2.34			
	R45ID002	VOST2-42A	42" WIDE X 30" DIAMETER, HYDROSTATIC	41 HP D	48,080	14.47	3.71	4.74	1.34	2.34			
	R45ID003	VOS2-66B	66" WIDE X 48" DIAMETER, HYDROSTATIC	120 HP D	108,435	34.69	8.37	10.69	3.02	6.84			
	INGERSOLL-RAND												
	R45IN001	DD-23	39" WIDE X 28" DIAM., HYDROSTATIC	31 HP D	30,857	9.64	2.38	3.04	0.86	1.77			
	R45IN002	DD-25	47" WIDE X 28" DIAM., HYDROSTATIC	31 HP D	34,762	10.57	2.69	3.43	0.97	1.77			
	R45IN003	DD-35	40" WIDE X 30" DIAM., HYDROSTATIC	32 HP D	38,098	11.42	2.94	3.76	1.06	1.82			
	R45IN004	DD-65	55" WIDE X 41" DIAM., HYDROSTATIC	70 HP D	84,406	25.25	6.51	8.32	2.35	3.99			
	R45IN005	DD-90	66" WIDE X 48" DIAM., HYDROSTATIC	112 HP D	103,885	33.02	8.03	10.25	2.90	6.38			
	R45IN006	DA-D50	75" WIDE X 50" DIAM., HYDROSTATIC	115 HP D	105,726	33.70	8.17	10.43	2.95	6.56			
	R45IN007	DD-145	84" WIDE X 60" DIAM., HYDROSTATIC	156 HP D	144,315	45.91	11.15	14.23	4.03	8.89			
	ROSCO												
	R45RS001	VIBRASTATT III	36" WIDE, 2 TON, TANDEM	18 HP G	11,088	5.71	0.86	1.09	0.31	2.34			
	R45RS002	HYDRAPAC	46" WIDE, 2 TON, TAMDEM, ARTICULATED	30 HP D	25,611	8.32	1.98	2.53	0.71	1.71			
	TAMPO												
	R45TA001	RS-156A	56" WIDE X 42" DIA, HYDROSTATIC	78 HP D	75,409	23.72	5.82	7.44	2.10	4.45			
	R45TA002	RS-166A	66" WIDE X 48" DIA, HYDROSTATIC	102 HP D	93,631	29.83	7.23	9.23	2.61	5.81			
R50	ROLLERS, VIBRATORY, SINGLE DRUM *****												

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT					
					AVERAGE	STANDBY	DEPR	CFC							
R50	ROLLERS, VIBRATORY, SINGLE DRUM														

	BOMAG														
	R50BO001	BW142D	56" WIDE X 42" DIA, HYDROSTATIC	51 HP D	70,575	19.93	5.40	6.86	1.97	2.91					
	R50BO002	BW172D	66" WIDE X 48" DIA, HYDROSTATIC	71 HP D	69,422	21.19	5.31	6.74	1.94	4.05					
	R50BO003	BW213D	83" WIDE X 59" DIA, HYDROSTATIC	119 HP D	99,401	31.68	7.55	9.56	2.77	6.78					
	R50BO004	BW217D	84" WIDE X 63" DIA, HYDROSTATIC	186 HP D	143,485	46.72	10.96	13.91	4.00	10.60					
	CATERPILLAR														
	R50CA001	CS-323	48" WIDE X 38" DIAMETER	77 HP D	59,994	19.44	4.60	5.86	1.67	4.39					
	R50CA002	CP-323 (PADS)	48" WIDE X 38" DIAMETER, PADFOOT	77 HP D	67,141	21.07	5.16	6.57	1.87	4.39					
	R50CA003	CS-413B	66" WIDE X 48" DIAMETER	102 HP D	67,322	23.03	5.15	6.53	1.88	5.81					
	R50CA004	CP-433B (PADS)	66" WIDE X 48" DIAMETER, PADFOOT	102 HP D	85,193	27.08	6.53	8.29	2.38	5.81					
	R50CA005	CS-433B	66" WIDE X 48" DIAMETER	102 HP D	78,080	25.47	5.98	7.59	2.18	5.81					
	R50CA006	CS-551	84" WIDE X 60" DIAMETER	155 HP D	92,108	32.78	6.98	8.82	2.57	8.84					
	R50CA007	CP-553 (PADS)	84" WIDE X 61" DIAMETER, PADFOOT	155 HP D	111,410	37.16	8.47	10.72	3.11	8.84					
	R50CA008	CS-553	84" WIDE X 51" DIAMETER	155 HP D	98,508	34.23	7.48	9.45	2.75	8.84					
	R50CA009	CS-563	84" WIDE X 60" DIAMETER	145 HP D	100,335	33.89	7.62	9.63	2.80	8.27					
	R50CA010	CP-563 (PADS)	84" WIDE X 51" DIAMETER, PADFOOT	145 HP D	111,620	36.45	8.49	10.75	3.11	8.27					
	DYNAPAC														
	R50DY001	CA-151D	66" WIDE X 48" DIA., 11 TON	98 HP D	83,982	26.51	6.43	8.18	2.34	5.59					
	R50DY002	CA-151PD (PADS)	66" WIDE X 48" DIA., 13 TON, TAMP FT	98 HP D	95,839	29.19	7.35	9.36	2.67	5.59					
	R50DY003	CA-251	66" WIDE X 48" DIA., 18 TON	151 HP D	101,855	34.72	7.71	9.74	2.84	8.61					
	R50DY004	CA-251PD (PADS)	84" WIDE X 60" DIA., 22 TON, TAMP FT	151 HP D	121,175	39.07	9.23	11.69	3.38	8.61					
	R50DY005	CA-301D	84" WIDE X 61" DIA., 22 TON	151 HP D	122,024	39.25	9.29	11.77	3.40	8.61					
	HYSTER														
	R50HY001	C610B	72" WIDE X 48" DIAMETER, DRUM DRIVE	80 HP D	70,622	22.25	5.09	6.23	1.97	4.56					
	R50HY002	C615B	72" WIDE X 48" DIAMETER, DRUM DRIVE	80 HP D	75,447	23.33	5.45	6.70	2.10	4.56					
	R50HY003	C620B	84" WIDE X 48" DIAMETER, DRUM DRIVE	80 HP D	77,739	23.86	5.64	6.93	2.17	4.56					
	R50HY004	C625B	84" WIDE X 48" DIAMETER, DRUM DRIVE	80 HP D	81,278	24.67	5.91	7.28	2.27	4.56					
	R50HY005	C830B	66.5" WIDE X 48" DIAMETER	107 HP D	66,684	23.80	4.78	5.84	1.86	6.10					
	R50HY006	C612B (PAD)	72" WIDE X 51" DIAMETER	82 HP D	76,485	24.15	5.54	6.81	2.13	4.67					
	R50HY007	C830B	66.5" WIDE X 48" DIAMETER, DRUM DRIVE	107 HP D	74,138	24.89	5.67	7.20	2.07	6.10					
	R50HY008	C832B (PAD)	66.5" WIDE X 67" DIAMETER, DRUM DRIVE	107 HP D	79,774	26.18	6.10	7.74	2.23	6.10					

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC			
R50			ROLLERS, VIBRATORY, SINGLE DRUM								

			HYSSTER								
	R50HY009	C850B	84" WIDE X 59" DIAMETER	145 HP D	95,392	32.74	7.25	9.17	2.66	8.27	208
	R50HY010	C850B	84" WIDE X 59" DIAMETER, DRUM DRIVE	145 HP D	104,398	34.66	7.94	10.06	2.91	8.27	208
	R50HY011	C860B	84" WIDE X 60" DIAMETER	145 HP D	108,604	35.73	8.27	10.47	3.03	8.27	243
	R50HY012	C852B (PAD)	84" WIDE X 67" DIAMETER	145 HP D	113,318	36.87	8.59	10.85	3.16	8.27	235
	R50HY013	C860B	84" WIDE X 60" DIAMETER, DRUM DRIVE	145 HP D	117,579	37.65	8.96	11.36	3.28	8.27	243
			INTERNATIONAL/DRESSER								
	R50ID001	VOS66A	66" WIDE X 48" DIA., GEN'L PURPOSE	80 HP D	77,710	23.73	5.95	7.55	2.17	4.56	129
	R50ID002	VOSD66A	66" WIDE X 48" DIA., DRUM DRIVE	80 HP D	84,789	25.28	6.50	8.25	2.37	4.56	131
	R50ID003	VOSA66A	66" WIDE X 48" DIA., ASPHALT	80 HP D	85,294	25.46	6.54	8.31	2.38	4.56	133
	R50ID004	VOSPD66A (PAD)	66" WIDE X 48" DIA., DRUM DRIVE	80 HP D	93,681	27.29	7.18	9.13	2.61	4.56	139
	R50ID005	VOS84A	84" WIDE X 60" DIA., GEN'L PURPOSE	120 HP D	93,150	30.26	7.14	9.07	2.60	6.84	209
	R50ID006	VOSA84A	84" WIDE X 60" DIA., ASPHALT	120 HP D	102,114	32.39	7.78	9.85	2.85	6.84	215
	R50ID007	VOSD84A	84" WIDE X 60" DIA., DRUM DRIVE	120 HP D	103,107	32.45	7.91	10.05	2.88	6.84	215
	R50ID008	VOSPD84A (PAD)	84" WIDE X 60" DIA., DRUM DRIVE	120 HP D	109,523	33.90	8.40	10.68	3.06	6.84	209
			INGERSOLL-RAND								
	R50IN001	SD-40D	54" WIDE X 38" DIAM., HYDROSTATIC	54 HP D	58,385	17.38	4.46	5.66	1.63	3.08	96
	R50IN002	SP-40F (PADS)	54" WIDE X 44" DIAM., HYDROSTATIC	54 HP D	62,358	18.27	4.77	6.05	1.74	3.08	100
			TAMPO								
	R50TA001	RS-16-HD	60" WIDE X 48" DIA, HYDROSTATIC	78 HP D	67,623	21.29	5.18	6.57	1.89	4.45	124
	R50TA002	RS-16A-HD	60" WIDE X 48" DIA, HYDROSTATIC	78 HP D	71,201	22.11	5.45	6.92	1.99	4.45	133
	R50TA003	RP-16D-HD (PADS)	60" WIDE X 48" DIA, HYDROSTATIC	78 HP D	75,435	23.05	5.77	7.34	2.10	4.45	136
	R50TA004	RS-58	84" WIDE X 60" DIA, HYDROSTATIC	132 HP D	91,931	30.97	6.98	8.83	2.56	7.52	208
	R50TA005	RS-58A	84" WIDE X 60" DIA, HYDROSTATIC	132 HP D	100,305	32.87	7.64	9.67	2.80	7.52	208
	R50TA006	RS-58D	84" WIDE X 60" DIA, HYDROSTATIC	132 HP D	97,038	32.13	7.38	9.33	2.71	7.52	222
	R50TA007	RP-580D (PADS)	84" WIDE X 60" DIA, HYDROSTATIC	132 HP D	104,207	33.76	7.93	10.04	2.91	7.52	234
R55			ROOFING EQUIPMENT								

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
S10			SCRAPERS, ELEVATING							
	.01		0 THRU 200 HP							
			INTERNATIONAL/DRESSER							
	S10ID001	412B	11 CY, POWERSHIFT	165 HP D	159,813	38.73	10.26	11.81	4.35	6.96
			JOHN DEERE							
	S10JD001	762B	11 CY, 13.7 TON, POWERSHIFT	180 HP D	148,588	37.44	9.55	11.00	4.05	7.59
	.02		OVER 200 HP							
			CATERPILLAR							
	S10CA002	615-C	16 CY, 19 TON, POWERSHIFT	265 HP D	259,617	60.95	17.10	20.52	6.84	11.18
	S10CA003	623-E	22 CY, 25 TON, POWERSHIFT	365 HP D	365,294	86.19	23.93	28.59	9.63	15.40
			FIATALLIS							
	S10FI001	161	15 CY, 18.7 TON, POWERSHIFT	229 HP D	211,034	50.92	13.80	16.47	5.56	9.66
	S10FI002	261B	23 CY, 26.5 TON, POWERSHIFT	325 HP D	322,351	75.75	21.20	25.39	8.50	13.71
			JOHN DEERE							
	S10JD002	862B	16 CY, 20.0 TON, POWERSHIFT	265 HP D	211,685	53.04	13.85	16.53	5.58	11.18
S15			SCRAPERS, CONVENTIONAL							

			CATERPILLAR							
	S15CA001	621-E	14-20 CY, 24 TON, POWERSHIFT	330 HP D	330,990	76.64	21.58	25.71	8.72	12.41
	S15CA002	631-E	21-31 CY, 37.5 TON, POWERSHIFT	450 HP D	520,277	116.75	33.97	40.52	13.71	16.93
	S15CA003	651-E	32-44 CY, 52 TON, POWERSHIFT	550 HP D	681,930	150.28	44.65	53.36	17.97	20.69
			FIATALLIS							
	S15FI001	260B	15-21 CY, 25 TON, POWERSHIFT	330 HP D	283,372	67.90	18.49	22.03	7.47	12.41

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT						
					AVERAGE	STANDBY	DEPR	CFC								
S15 SCRAPERS, CONVENTIONAL																

KOMATSU																
	S15KM001	WS23S-2	21-31 CY, PUSH PULL	450 HP D	531,687	117.57	34.93	41.83	14.01	16.93						
TEREX																
	S15TE001	S24C	24-34 CY, 40.8 TON	480 HP D	514,742	118.09	33.48	39.81	13.57	18.06						
S20 SCRAPERS, TANDEM POWERED																

CATERPILLAR																
	S20CA001	627-E	14-20 CY, 24 TON, POWERSHIFT (WITH CARRIER ENGINE)	225 HP D	379,074	94.37	24.81	29.63	9.99	17.96						
	S20CA002	627-E PP	14-20 CY, 24 TON, PUSH-PULL, PS (WITH CARRIER ENGINE)	225 HP D	402,387	98.17	26.40	31.59	10.60	17.96						
	S20CA003	637-E	21-31 CY, 37.5 TON, POWERSHIFT (WITH CARRIER ENGINE)	450 HP D	657,606	156.70	43.36	52.05	17.33	27.93						
	S20CA004	637-E PP	21-31 CY, 37.5 TON, PUSH-PULL,PS (WITH CARRIER ENGINE)	450 HP D	684,622	161.10	45.20	54.32	18.04	27.93						
	S20CA005	657-E	32-44 CY, 52 TON, POWER SHIFT (WITH CARRIER ENGINE)	550 HP D	822,993	199.56	54.30	65.21	21.69	37.91						
	S20CA006	657-E PP	32-44 CY, 52 TON, PUSH-PULL, PS (WITH CARRIER ENGINE)	550 HP D	872,891	207.68	57.70	69.40	23.00	37.91						
				400 HP D												
KOMATSU																
	S20KM001	WS23-2	21-31 CY (WITH CARRIER ENGINE)	399 HP D	593,663	151.20	38.98	46.68	15.64	31.84						
				399 HP D												
TEREX																
	S20TE001	TS-14B	14-20 CY, 23.5 TON (WITH CARRIER ENGINE)	144 HP D	320,490	74.93	21.00	25.10	8.45	11.49						
	S20TE002	TS-24C	24-34 CY, 40.8 TON (WITH CARRIER ENGINE)	480 HP D	638,362	156.67	41.92	50.19	16.82	29.53						
				260 HP D												

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC					
S25	SCRAPERS, TRACTOR DRAWN												
	ROME												
	S25RM001	R67H	12-18 CY, 18 TON, WITH HYDRAULICS (ADD TRACTOR)	92,432	15.53	5.22	5.48	2.48	0.00	235			
	S25RM002	R89H	18-26 CY, 27 TON, WITH HYDRAULICS (ADD TRACTOR)	102,769	17.85	5.60	5.68	2.76	0.00	373			
S35	SNOW REMOVAL EQUIPMENT												
	AMERICAN ROAD MACHINERY												
	S35AR001	112	REVERSIBLE SNOW PLOW (ADD DUMP TRK)	2,398	0.50	0.19	0.23	0.07	0.00	15			
	S35AR002	713	1-WAY TRIP SNOW PLOW (ADD DUMP TRK)	3,914	0.81	0.30	0.38	0.11	0.00	20			
S40	SOIL STABILIZERS												
	BOMAG												
	S40BO001	MPH-100R	14.5" DEEP X 79" WIDE, HYDROSTATIC	345 HP D	217,303	57.76	14.32	16.80	5.92	14.55			
	CATERPILLAR												
	S40CA001	RR250	12" DEEP X 96" WIDE, HYDROSTATIC	335 HP D	199,404	53.69	13.07	15.27	5.43	14.13			
	S40CA002	SS250	18" DEEP X 96" WIDE, HYDROSTATIC	335 HP D	179,464	50.26	11.77	13.76	4.89	14.13			
S45	SPLITTERS, ROCK & CONCRETE												
	DARDA												
	S45DA001	02-2	220 TON, S FORCE, SIZE 2,(ADD COMP) 1-3/16" DIA., 12" DEEP HOLE REQ'D	80 CFM A	10,089	4.09	0.95	1.32	0.29	0.00			
	S45DA002	02-7	220 TON, S FORCE, SIZE 7,(ADD COMP)	80 CFM A	11,857	4.71	1.12	1.55	0.34	0.00			

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
S45			SPLITTERS, ROCK & CONCRETE							
			DARDA							
	S45DA002	02-7	220 TON, S FORCE, SIZE 7,(ADD COMP) 1-3/4" DIA., 18" DEEP HOLE REQ'D	80 CFM A	11,857	4.71	1.12	1.55	0.34	0.00
	S45DA003	02-85	350 TON, S FORCE, SIZE 8,(ADD COMP) 1-3/4" DIA., 26" DEEP HOLE REQ'D	80 CFM A	12,195	4.91	1.15	1.59	0.35	0.00
T10			TRACTOR BLADES & ATTACHMENTS							
			CATERPILLAR							
	T10CA001	3P	BLADE, POWER ANGLE TILT, FOR D3	9,717	1.74	0.65	0.76	0.27	0.00	24
	T10CA002	53	WINCH, (ADD CABLE),FOR D3 TRACTOR	7,048	1.28	0.47	0.55	0.19	0.00	9
	T10CA003	4S	BLADE, STRAIGHT, HYDRAULIC, FOR D4	11,826	2.10	0.79	0.93	0.32	0.00	34
	T10CA004	4A	BLADE, ANGLE, HYDRAULIC, FOR D4	12,067	2.14	0.81	0.95	0.33	0.00	34
	T10CA005	54	WINCH, (ADD CABLE),FOR D4 TRACTOR	20,632	3.60	1.37	1.62	0.56	0.00	20
	T10CA006	5S	BLADE, STRAIGHT, HYDRAULIC, FOR D5	14,129	2.50	0.95	1.11	0.39	0.00	41
	T10CA007	5A	BLADE, ANGLE, HYDRAULIC, FOR D5	14,374	2.53	0.96	1.13	0.39	0.00	42
	T10CA008	55	WINCH, (ADD CABLE),FOR D5 TRACTOR	17,643	3.10	1.18	1.39	0.48	0.00	22
	T10CA009	6S	BLADE, STRAIGHT, HYDRAULIC, FOR D6	18,924	3.32	1.27	1.49	0.52	0.00	52
	T10CA010	6A	BLADE, ANGLE, HYDRAULIC, FOR D6	20,945	3.66	1.40	1.65	0.57	0.00	63
	T10CA011	56	WINCH, (ADD CABLE),FOR D6 TRACTOR	23,765	4.14	1.59	1.87	0.65	0.00	32
	T10CA012	7S	BLADE, STRAIGHT, HYDRAULIC, FOR D7	27,046	4.71	1.81	2.13	0.74	0.00	76
	T10CA013	7U	BLADE, UNIVERSAL, HYDRAULIC, FOR D7	29,755	5.16	1.98	2.34	0.81	0.00	87
	T10CA014	7A	BLADE, ANGLE, HYDRAULIC, FOR D7	28,147	4.89	1.88	2.21	0.77	0.00	80
	T10CA015	57	WINCH, (ADD CABLE),FOR D7 TRACTOR	29,483	5.14	1.96	2.32	0.80	0.00	41
	T10CA016	8S	BLADE, STRAIGHT, HYDRAULIC, FOR D8	35,961	6.27	2.40	2.83	0.98	0.00	126
	T10CA017	8U	BLADE, UNIVERSAL, HYDRAULIC, FOR D8	38,248	6.67	2.55	3.01	1.04	0.00	136
	T10CA018	8A	BLADE, ANGLE, HYDRAULIC, FOR D8	35,305	6.15	2.35	2.77	0.96	0.00	136
	T10CA019		BLADE, PUSH PLATE FOR D8	1,185	0.25	0.08	0.09	0.03	0.00	6
	T10CA020	58	WINCH, (ADD CABLE),FOR D8 TRACTOR	28,572	5.04	1.91	2.25	0.78	0.00	47
	T10CA021	9SU	BLADE, SEMI-U, HYDRAULIC, FOR D9	47,040	8.23	3.13	3.70	1.28	0.00	155
	T10CA022	9U	BLADE, UNIVERSAL, HYDRAULIC, FOR D9	48,834	8.53	3.25	3.84	1.33	0.00	153
	T10CA023	59	WINCH, (ADD CABLE),FOR D9 TRACTOR	32,311	5.72	2.15	2.54	0.88	0.00	45
	T10CA024	10SU	BLADE, SEMI-U, HYDRAULIC, FOR D10	64,572	11.32	4.30	5.08	1.76	0.00	231
	T10CA025	10U	BLADE, UNIVERSAL, HYDRAULIC, FOR D10	69,199	12.12	4.61	5.44	1.89	0.00	251

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC					
T10	TRACTOR BLADES & ATTACHMENTS *****												
	CATERPILLAR												
	T10CA026	11S	BLADE, STRAIGHT, HYDRAULIC, FOR D11	92,339	16.18	6.15	7.26	2.52	0.00	351			
	T10CA027	11U	BLADE, UNIVERSAL, HYDRAULIC, FOR D11	100,500	17.59	6.69	7.90	2.74	0.00	400			
	INTERNATIONAL/DRESSER												
	T10ID001	15D-2	BLADE, SEMI-U, HYDRAULIC, FOR 15D-2	15,809	2.75	1.05	1.24	0.43	0.00	45			
	T10ID002	15G-2	BLADE, ANGLE, HYDRAULIC, FOR 15G-2	17,924	3.12	1.20	1.41	0.49	0.00	48			
	T10ID003	20D-2	BLADE, SEMI-U, HYDRAULIC, FOR 20D-2	26,372	4.55	1.76	2.07	0.72	0.00	61			
	T10ID004	20G-2	BLADE, ANGLE, HYDRAULIC, FOR 20G-2	28,698	4.96	1.91	2.26	0.78	0.00	71			
	T10ID005	25D-2	BLADE, SEMI-U, HYDRAULIC, FOR 25D-2	36,364	6.31	2.42	2.86	0.99	0.00	114			
	T10ID006	25G-2	BLADE, ANGLE, HYDRAULIC, FOR 25G-2	38,984	6.77	2.59	3.06	1.06	0.00	115			
	T10ID007	40	BLADE, SEMI-U, HYDRAULIC, FOR 40	38,185	6.60	2.54	3.00	1.04	0.00	192			
	T10ID008	40	BLADE, ANGLE, HYDRAULIC, FOR 40	42,858	7.46	2.86	3.37	1.17	0.00	210			
	KOMATSU												
	T10KM001	D31E-18	BLADE, ANGLE TILT, FOR D31E-18	11,326	2.09	0.76	0.89	0.31	0.00	20			
	T10KM002	D37E-2	BLADE, ANGLE TILT, FOR D37E-2	11,600	2.13	0.78	0.91	0.32	0.00	24			
	T10KM003	D58E-1	BLADE, ANGLE TILT, FOR D58E-1	12,076	2.21	0.81	0.95	0.33	0.00	42			
	T10KM004	D63E-1	BLADE, ANGLE TILT, FOR D63E-1	13,577	2.47	0.91	1.07	0.37	0.00	61			
	T10KM005	D68E-1	BLADE, ANGLE TILT, FOR D68E-1	16,538	3.00	1.10	1.30	0.45	0.00	99			
	T10KM006	D83E-1	BLADE, ANGLE TILT, FOR D83E-1	23,701	4.23	1.58	1.86	0.65	0.00	99			
	T10KM007	D83E-1	BLADE, U-DOZER, FOR D83E-1	29,199	5.20	1.95	2.30	0.80	0.00	104			
	T10KM008	D85E-21	BLADE, ANGLE TILT, FOR D85E-21	28,635	5.14	1.91	2.25	0.78	0.00	85			
	T10KM009	D85E-21	BLADE, U-DOZER, FOR D85E-21	34,263	6.20	2.28	2.69	0.93	0.00	77			
	T10KM010	D155A-2	BLADE, ANGLE TILT, FOR D155A-2	30,227	5.50	2.01	2.38	0.82	0.00	140			
	T10KM011	D155A-2	BLADE, U-DOZER, FOR D155A-2	44,268	7.97	2.95	3.48	1.21	0.00	142			
	T10KM012	D355A-5	BLADE, U-DOZER, FOR D355A-5	49,942	8.99	3.33	3.93	1.36	0.00	196			
	T10KM013	D355A-5	BLADE, STRAIGHT, FOR D355A-5	45,041	8.10	3.00	3.54	1.23	0.00	184			
	T10KM014	D375A-1	BLADE, U-DOZER, FOR D375A-1	59,055	10.73	3.93	4.64	1.61	0.00	229			
	T10KM015	D375A-1	BLADE, ANGLE TILT, FOR D375A-1	44,632	8.03	2.98	3.51	1.22	0.00	195			
	T10KM016	D475A-1	BLADE, STRAIGHT, FOR D475A-1	74,212	13.38	4.95	5.83	2.03	0.00	240			
T15	TRACTORS, CRAWLER (DOZER) (add attachments as required) *****												
	.01	0 THRU 225 HP											

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
T15		TRACTORS, CRAWLER (DOZER) (add attachments as required)								
.01		O THRU 225 HP								
			CATERPILLAR							
	T15CA001	D-3B	POWERSHIFT, (ADD BLADE)	65 HP D	45,017	12.89	2.92	3.30	1.27	2.89
	T15CA002	D-3B LGP	LOW GROUND PRESSURE, (ADD BLADE)	65 HP D	51,389	14.16	3.34	3.77	1.45	2.89
	T15CA003	D-3C	POWERSHIFT, (ADD BLADE)	67 HP D	48,530	13.71	3.15	3.56	1.37	2.98
	T15CA004	D-4H	POWERSHIFT, (ADD BLADE)	95 HP D	63,719	18.42	4.14	4.67	1.80	4.22
	T15CA005	D-4H LGP	LOW GROUND PRESSURE, (ADD BLADE)	95 HP D	71,700	20.01	4.65	5.26	2.02	4.22
	T15CA006	D-5H	POWERSHIFT, (ADD BLADE)	120 HP D	105,021	28.16	6.81	7.70	2.96	5.34
	T15CA007	D-5H LGP	LOW GROUND PRESSURE, (ADD BLADE)	120 HP D	118,804	30.90	7.71	8.71	3.35	5.34
	T15CA008	D-6D	POWERSHIFT, (ADD BLADE)	140 HP D	118,537	32.05	7.69	8.69	3.34	6.22
	T15CA009	D-6D SA	SPECIAL APPLICATION, (ADD BLADE)	165 HP D	138,525	37.54	8.98	10.15	3.90	7.34
	T15CA010	D-6H	POWERSHIFT, (ADD BLADE)	165 HP D	143,008	38.43	9.27	10.48	4.03	7.34
	T15CA011	D-6H LGP	LOW GROUND PRESSURE, (ADD BLADE)	165 HP D	165,512	42.91	10.73	12.13	4.66	7.34
	T15CA012	D-7G	POWERSHIFT, (ADD BLADE)	200 HP D	185,761	49.05	12.04	13.62	5.23	8.89
	T15CA013	D-7H	POWERSHIFT, (ADD BLADE)	215 HP D	210,815	54.94	13.67	15.45	5.94	9.56
	T15CA014	D-7H LGP	LOW GROUND PRESSURE, (ADD BLADE)	215 HP D	243,656	61.49	15.80	17.86	6.87	9.56
			CASE							
	T15CS001	450C	WITH POWER ANGLE TILT BLADE, PS	63 HP D	50,314	13.83	3.27	3.69	1.42	2.80
	T15CS002	850D	WITH HYDR ANGLE TILT BLADE, PS/TC	82 HP D	73,699	19.63	4.78	5.40	2.08	3.65
	T15CS003	850D LGP	WITH HYDR ANGLE TILT BLADE, PS/TC	82 HP D	78,462	20.57	5.09	5.75	2.21	3.65
	T15CS004	1150E	WITH HYDR ANGLE TILT BLADE, PS/TC	113 HP D	103,343	27.40	6.70	7.58	2.91	5.02
	T15CS005	1150E LGP	WITH HYDR ANGLE TILT BLADE, PS/TC	113 HP D	114,454	29.61	7.43	8.39	3.23	5.02
	T15CS006	1450B	WITH HYDR ANGLE TILT BLADE, PS	140 HP D	142,368	36.79	9.23	10.44	4.01	6.22
			FIATALLIS							
	T15FI001	FD5	WITH POWER ANGLE TILT BLADE, PS	70 HP D	58,370	15.84	3.78	4.28	1.64	3.11
	T15FI002	FD7	WITH POWER ANGLE TILT BLADE, PS	84 HP D	68,522	18.70	4.44	5.02	1.93	3.73
	T15FI003	FD9	WITH SEMI-U TILT BLADE, PS	107 HP D	102,831	26.94	6.67	7.54	2.90	4.76
	T15FI004	10C	WITH HYDRAULIC SEMI-U TILT BLADE, PS	122 HP D	117,495	30.75	7.62	8.61	3.31	5.42
	T15FI005	10C LGP	WITH STRAIGHT HYDR TILT BLADE, PS	122 HP D	130,135	33.27	8.44	9.54	3.67	5.42
	T15FI006	14C	WITH HYDRAULIC SEMI-U TILT BLADE, PS	150 HP D	154,409	39.79	10.01	11.32	4.35	6.67
	T15FI007	14C LGP	WITH STRAIGHT HYDR TILT BLADE, PS	150 HP D	177,965	44.48	11.54	13.04	5.02	6.67
	T15FI008	FD20	WITH HYDRAULIC SEMI-U TILT BLADE, PS	223 HP D	232,521	59.74	15.07	17.04	6.55	9.91

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT	
					AVERAGE	STANDBY	DEPR	CFC			
T15			TRACTORS, CRAWLER (DOZER) (add attachments as required)								
	.01		0 THRU 225 HP								
			INTERNATIONAL/DRESSER								
	T15ID001	TD-7-G	WITH HYDRAULIC BLADE, POWERSHIFT	70 HP D	60,749	16.31	3.94	4.45	1.71	3.11	140
	T15ID002	TD-8-G	WITH HYDRAULIC BLADE, POWERSHIFT	80 HP D	78,470	20.45	5.09	5.75	2.21	3.56	180
	T15ID003	TD-12	WITH HYDRAULIC BLADE, POWERSHIFT	110 HP D	118,104	30.16	7.66	8.66	3.33	4.89	281
	T15ID004	TD-15-C	POWERSHIFT, (ADD BLADE)	140 HP D	130,864	34.50	8.49	9.59	3.69	6.22	280
	T15ID005	TD-20-G	POWERSHIFT, (ADD BLADE)	225 HP D	209,424	55.27	13.58	15.35	5.90	10.00	438
			JOHN DEERE								
	T15JD001	400G	WITH POWER ANGLE TILT BLADE	60 HP D	45,190	12.62	2.93	3.31	1.27	2.67	114
	T15JD002	450G	WITH 6405 HYDRAULIC BLADE, PS	70 HP D	52,431	14.66	3.40	3.84	1.48	3.11	153
	T15JD003	550G	WITH 6405 HYDRAULIC BLADE, PS	80 HP D	58,025	16.39	3.77	4.25	1.64	3.56	167
	T15JD004	650G	WITH 6405 HYDRAULIC BLADE, PS	90 HP D	65,075	18.38	4.22	4.77	1.83	4.00	188
	T15JD005	750B	WITH 6525 STRAIGHT W/TILT BLADE	120 HP D	97,928	26.75	6.35	7.18	2.76	5.34	291
	T15JD006	750B LGP	WITH 6525 HYDRAULIC TILT BLADE	120 HP D	102,171	27.59	6.63	7.49	2.88	5.34	313
	T15JD007	850B	WITH 6545 HYDRAULIC TILT BLADE	165 HP D	128,585	35.57	8.34	9.43	3.62	7.34	367
	T15JD008	850B LGP	WITH HYDRAULIC TILT BLADE	165 HP D	143,195	38.48	9.29	10.50	4.04	7.34	435
			KOMATSU								
	T15KM001	D31E-18	HYDROSHIFT, (ADD BLADE)	70 HP D	58,816	15.93	3.82	4.31	1.66	3.11	123
	T15KM002	D37E-2	HYDROSHIFT, (ADD BLADE)	75 HP D	65,629	17.59	4.26	4.81	1.85	3.33	127
	T15KM003	D58E-1	HYDROSHIFT, (ADD BLADE)	130 HP D	132,922	34.31	8.62	9.74	3.75	5.78	298
	T15KM004	D63E-1	POWERSHIFT, (ADD BLADE)	140 HP D	152,150	38.73	9.87	11.15	4.29	6.22	316
	T15KM005	D68E-1	POWERSHIFT, (ADD BLADE)	180 HP D	197,588	50.19	12.81	14.48	5.57	8.00	412
	T15KM006	D83E-1	POWERSHIFT, (ADD BLADE)	205 HP D	229,678	58.09	14.89	16.84	6.47	9.11	360
	T15KM007	D85E-21	POWERSHIFT, (ADD BLADE)	225 HP D	247,758	62.90	16.06	18.16	6.98	10.00	445
	.02		226 HP THRU 425 HP								
			CATERPILLAR								
	T15CA015	D-8L	POWERSHIFT, (ADD BLADE)	335 HP D	294,912	74.24	19.64	23.18	8.05	14.89	735
	T15CA016	D-8N	POWERSHIFT, (ADD BLADE)	285 HP D	272,588	67.22	18.16	21.43	7.44	12.67	597
	T15CA017	D-9N	POWERSHIFT, (ADD BLADE)	370 HP D	351,892	86.89	23.43	27.66	9.60	16.45	817

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
T15			TRACTORS, CRAWLER (DOZER) (add attachments as required)							
	.02		226 HP THRU 425 HP							
			FIATALLIS							
	T15FI009	FD30	WITH SEMI-U BLADE, POWERSHIFT	300 HP D	302,637	73.69	20.16	23.79	8.26	13.34
	T15FI010	FD30B	WITH SEMI-U BLADE, POWERSHIFT	340 HP D	316,275	78.52	21.06	24.86	8.63	15.12
			INTERNATIONAL/DRESSER							
	T15ID006	TD-25-G	POWERSHIFT, (ADD BLADE)	320 HP D	292,733	72.98	19.50	23.01	7.99	14.23
			KOMATSU							
	T15KM008	D155A-2	POWERSHIFT, (ADD BLADE)	320 HP D	322,476	78.55	21.48	25.35	8.80	14.23
	T15KM009	D355A-5	POWERSHIFT, (ADD BLADE)	404 HP D	465,581	110.09	31.00	36.59	12.70	17.96
	.03		OVER 425 HP							
			CATERPILLAR							
	T15CA018	D-10N	POWERSHIFT, (ADD BLADE)	520 HP D	460,404	107.13	28.05	32.23	11.93	23.12
	T15CA019	D-11N	POWERSHIFT, (ADD BLADE)	770 HP D	794,852	177.90	48.41	55.64	20.59	34.23
			FIATALLIS							
	T15FI011	FD40	WITH SEMI-U BLADE, POWERSHIFT	455 HP D	491,722	108.88	29.95	34.42	12.74	20.23
	T15FI012	FD40B	WITH HYDR SEMI-U BLADE, POWERSHIFT	475 HP D	515,017	113.95	31.37	36.05	13.34	21.12
	T15FI013	FD50	WITH HYDR SEMI-U BLADE, POWERSHIFT	525 HP D	611,756	133.19	37.26	42.82	15.85	23.34
			INTERNATIONAL/DRESSER							
	T15ID007	TD-40	POWERSHIFT, (ADD BLADE)	460 HP D	399,915	93.50	24.36	27.99	10.36	20.45
			KOMATSU							
	T15KM010	D375A-1	POWERSHIFT, (ADD BLADE)	508 HP D	549,279	121.61	33.46	38.45	14.23	22.59
	T15KM011	D475A-1	POWERSHIFT, (ADD BLADE)	740 HP D	1,024,044	215.30	62.37	71.68	26.53	32.90

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
T20			TRACTORS, WHEEL TYPE (DOZER)							
			CATERPILLAR							
	T20CA001	814-B	WITH STRAIGHT BLADE,ARTICULATED,PS	210 HP D	201,082	45.10	13.39	16.20	5.29	8.62
	T20CA002	824-C	WITH STRAIGHT BLADE,ARTICULATED,PS	310 HP D	292,425	68.10	19.10	22.82	7.69	12.72
	T20CA003	834-B	WITH STRAIGHT BLADE,ARTICULATED,PS	450 HP D	437,204	98.20	28.40	33.79	11.50	18.47
			MICHIGAN / VME							
	T20MC001	280C	WITH STRAIGHT BLADE,ARTICULATED,PS	302 HP D	328,714	72.12	21.52	25.73	8.65	12.39
	T20MC002	W380	WITH STRAIGHT BLADE,ARTICULATED,PS	572 HP D	623,506	137.02	38.97	45.11	16.41	23.47
T25			TRACTORS, WHEEL TYPE (FARM)							
			JOHN DEERE							
	T25JD001	2155	INDUSTRIAL 2WD	53 HP D	17,071	6.51	1.28	1.63	0.46	2.18
	T25JD002	2355	INDUSTRIAL 2WD	64 HP D	18,499	7.35	1.40	1.80	0.50	2.63
	T25JD003	2555	INDUSTRIAL 2WD	72 HP D	20,873	8.24	1.59	2.05	0.56	2.95
	T25JD004	2755	INDUSTRIAL 2WD	87 HP D	23,261	9.50	1.79	2.31	0.63	3.57
T30			TRENCHERS, CHAIN							
			DITCH WITCH							
	T30DW001	C99	24" DEEP X 6" WIDE, WALK-BEHIND	9 HP G	3,368	1.82	0.25	0.31	0.09	0.84
	T30DW002	2200	36" DEEP X 6" WIDE, 4WD, W/BLADE	18 HP G	14,262	5.28	1.09	1.37	0.40	1.69
	T30DW003	3210	40" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	28 HP G	28,805	9.65	2.20	2.79	0.80	2.63
	T30DW004	2310	36" DEEP X 6" WIDE, 4WD, W/BLADE	28 HP G	22,810	8.35	1.74	2.20	0.64	2.63
	T30DW005	3500	42" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	35 HP D	27,258	7.79	2.08	2.64	0.76	1.44
	T30DW006	5010	47" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	53 HP D	40,389	11.60	3.10	3.93	1.13	2.18
	T30DW007	6510	47" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	64 HP D	41,918	12.56	3.17	4.00	1.17	2.63
	T30DW008	6510	60" DEEP X 6" WIDE, 4WD, W/BLADE	64 HP D	41,097	12.39	3.11	3.92	1.15	2.63
	T30DW009	7510	54" DEEP X 6-8"WIDE,4WD,W/DBL PIVOT	74 HP D	54,198	15.75	4.12	5.21	1.51	3.04
	T30DW010	R100	69" DEEP X 8" WIDE, 4WD, W/BLADE	101 HP D	95,467	26.45	7.06	8.78	2.67	4.15

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT					
					AVERAGE	STANDBY	DEPR	CFC							
T30	TRENCHERS, CHAIN														

	DITCH WITCH														
	T30DW011	HT100	69" DEEP X 8" WIDE, 4WD, W/BLADE, CWLR	118 HP D	103,236	28.65	7.95	10.14	2.88	4.84					
	VERMEER														
	T30VE001	V-1550	48" DEEP X 4-10" WIDE, WALK-BEHIND	18 HP G	7,491	3.79	0.58	0.74	0.21	1.69					
	T30VE002	LM-35	42" DEEP X 3.5-5" WIDE, PLOW TRENCHR	35 HP D	25,002	7.31	1.87	2.34	0.70	1.44					
	T30VE003	V-450	60" DEEP X 6-18" WIDE, BACKHOE/BLADE	54 HP D	42,687	12.15	3.23	4.07	1.19	2.22					
	T30VE004	M-455A	60" DEEP X 8-18" WIDE, BACKHOE/BLADE	53 HP D	48,680	13.41	3.69	4.66	1.36	2.18					
	T30VE005	T-600D	72" DEEP X 10-24" WIDE, CRAWLER	113 HP D	93,971	26.39	7.25	9.23	2.63	4.64					
	T30VE006	T-800C	96" DEEP X 12-36" WIDE, CRAWLER	175 HP D	168,250	45.79	12.97	16.53	4.70	7.18					
T35	TRENCHERS, WHEEL TYPE														

	BARBER-GREENE														
	T35BG001	TA 56	70" DEEP X 16-30" WIDE, CRAWLER	100 HP D	155,480	33.08	10.35	12.22	4.24	4.10					
	T35BG002	TA 65	90" DEEP X 22-44" WIDE, CRAWLER	160 HP D	224,900	48.67	14.98	17.68	6.14	6.57					
	T35BG003	TA 77	102" DEEP X 26-66" WIDE, CRAWLER	160 HP D	302,479	62.54	20.14	23.77	8.25	6.57					
	CLEVELAND TRENCHER														
	T35CT001	9624-5	72" DP X 21.5" W, 16"ROUND BKT, CRWLR	140 HP D	155,553	35.20	10.36	12.23	4.24	5.75					
	T35CT002	9600-S-4	72" DP X 19.5" W, 14"ROUND BKT, CRWLR	140 HP D	189,620	41.29	12.62	14.90	5.17	5.75					
	T35CT003	246-FD4	84" DP X 21" W, 16"ROUND BKT, CRAWLER	185 HP D	213,223	47.89	14.20	16.76	5.82	7.59					
	T35CT004	7036-1	84" DP X 21.5" W, 16"ROUND BKT, CRWLR	102 HP D	187,519	38.93	12.49	14.74	5.12	4.19					
	T35CT005	7036-HD-2	84" DP X 27.5" W, 22"ROUND BKT, CRWLR	102 HP D	199,903	41.13	13.31	15.71	5.45	4.19					
	T35CT006	7036-3	84" DP X 33.5" W, 28"ROUND BKT, CRWLR	102 HP D	190,247	39.41	12.67	14.95	5.19	4.19					
	T35CT007	7036-SD-3	84" DP X 33.5" W, 28"ROUND BKT, CRWLR	102 HP D	210,260	43.00	14.01	16.53	5.74	4.19					
	T35CT008	8700-2	84" DP X 31.5" W, 22" BKT, ROTO TEETH	150 HP D	267,488	55.75	17.81	21.02	7.30	6.16					
	T35CT009	7648-2	90" DP X 30" W, 22"ROUND BKT, CRAWLER	150 HP D	300,057	61.58	19.98	23.58	8.19	6.16					
	T35CT010	7648-SD-4	90" DP X 42" W, 34"ROUND BKT, CRWLR	150 HP D	312,143	63.75	20.79	24.53	8.52	6.16					
	T35CT011	400W-HD3	108" DP X 48" W, 40"ROUND BKT, CRWLR	175 HP D	366,794	74.84	24.43	28.83	10.01	7.18					

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
T40	TRUCK OPTIONS, (ADD TRUCK)									
	.10 CRANES, HYDRAULIC									
			NO SPECIFIC MANUFACTURER							
	T40XX001		MAX CAP. 5.3 TON, MAX. BOOM 48'	31,354	6.72	2.42	3.07	0.88	0.00	39
	T40XX002		MAX CAP. 7.3 TON, MAX. BOOM 63'	49,368	10.52	3.80	4.84	1.38	0.00	94
	T40XX003		MAX CAP. 8.0 TON, MAX. BOOM 85'	51,657	11.00	3.98	5.06	1.45	0.00	109
	T40XX004		MAX CAP. 14.0 TON, MAX. BOOM 118'	58,097	12.38	4.48	5.69	1.63	0.00	143
	T40XX005		MAX CAP. 16.5 TON, MAX. BOOM 118'	69,855	14.88	5.38	6.85	1.95	0.00	143
	T40XX006		MAX CAP. 17.5 TON, MAX. BOOM 140'	82,309	17.52	6.34	8.07	2.30	0.00	193
	.20 DUMP BODY, REAR									
			NO SPECIFIC MANUFACTURER							
	T40XX007		5 CY, 24000 TO 26000 GVW	7,330	1.55	0.57	0.72	0.21	0.00	26
	T40XX008		8 CY, 27000 TO 30000 GVW, AIR GATE	11,604	2.38	0.89	1.14	0.32	0.00	44
	T40XX009		10 CY, 36000 AND UP GVW, AIR GATE	11,738	2.41	0.91	1.15	0.33	0.00	45
	T40XX010		12 CY, 36000 AND UP GVW, AIR GATE	11,908	2.44	0.92	1.17	0.33	0.00	46
	.30 FLATBEDS, W/ CONT. SIDES									
			NO SPECIFIC MANUFACTURER							
	T40XX011		8' x 8.0'	2,376	0.45	0.19	0.23	0.07	0.00	11
	T40XX012		8' x 9.0'	2,457	0.46	0.19	0.24	0.07	0.00	12
	T40XX013		8' x 10.0'	2,568	0.48	0.20	0.25	0.07	0.00	14
	T40XX014		8' x 12.0'	2,767	0.52	0.22	0.27	0.08	0.00	16
	T40XX015		8' x 14.0'	2,993	0.55	0.23	0.29	0.08	0.00	16
	T40XX016		8' x 16.0'	3,300	0.61	0.25	0.32	0.09	0.00	16
	T40XX017		8' x 18.0'	3,570	0.67	0.28	0.35	0.10	0.00	17
	T40XX018		8' x 20.0'	3,799	0.71	0.30	0.37	0.11	0.00	18
	T40XX019		8' x 22.0'	4,062	0.76	0.31	0.40	0.11	0.00	18
	T40XX020		8' x 24.0'	4,328	0.81	0.33	0.42	0.12	0.00	20
	T40XX021		2 TON, FLATBED HOIST	3,826	0.72	0.30	0.37	0.11	0.00	15
	T40XX022		4 TON, FLATBED HOIST	4,477	0.85	0.35	0.44	0.13	0.00	18

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
T40			TRUCK OPTIONS, (ADD TRUCK)							
	.40		HOIST							
	.41		ELECTRIC DRIVE							
			NO SPECIFIC MANUFACTURER							
	T40XX023		1500 LB AT 1.75'	2,768	0.64	0.22	0.27	0.08	0.00	4
	T40XX024		2400 LB AT 3'	3,225	0.73	0.25	0.32	0.09	0.00	6
	T40XX025		5000 LB AT 4'	8,902	1.85	0.69	0.87	0.25	0.00	15
	T40XX026		6000 LB AT 6'	10,025	2.07	0.77	0.98	0.28	0.00	14
	.50		TRANSIT MIXERS							
			NO SPECIFIC MANUFACTURER							
	T40XX027		7 CY (ADD 40000-50000 GVW TRUCK)	31,446	6.53	2.50	3.29	0.85	0.00	63
	T40XX028		8 CY (ADD 50000-70000 GVW TRUCK)	31,944	6.64	2.55	3.35	0.87	0.00	66
	T40XX029		8.5 CY (ADD 55000-75000 GVW TRUCK)	32,282	6.70	2.56	3.38	0.87	0.00	68
	T40XX030		9 CY (ADD 61000-80000 GVW TRUCK)	32,770	6.80	2.61	3.43	0.89	0.00	73
	.60		WATER TANKS							
			NO SPECIFIC MANUFACTURER							
	T40XX031		2000 GAL (ADD 23500-28000 GVW TRK)	14,050	2.63	1.08	1.38	0.39	0.00	35
	T40XX032		2500 GAL (ADD 25000-34950 GVW TRK)	14,814	2.77	1.14	1.45	0.41	0.00	39
	T40XX033		3000 GAL (ADD 29000-40000 GVW TRK)	15,761	2.95	1.21	1.54	0.44	0.00	44
	.70		ALL OTHER OPTIONS							
T45			TRUCK TRAILERS,							
	.10		BOTTOM DUMP							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
T45		TRUCK TRAILERS,								
	.10	BOTTOM DUMP								
		NO SPECIFIC MANUFACTURER								
		T45XX001	18 CY, 27 TON	31,108	5.67	2.01	2.37	0.82	0.00	122
		T45XX002	20 CY, 30 TON	36,874	6.63	2.40	2.85	0.97	0.00	140
		T45XX003	30 CY, 30 TON	37,336	6.72	2.44	2.89	0.99	0.00	160
		T45XX004	28 CY, 42 TON	44,434	8.03	2.86	3.38	1.17	0.00	180
		T45XX005	20 CY, 35 TON OFF-HIGHWAY	52,236	9.25	3.43	4.10	1.38	0.00	175
		T45XX006	32 CY, 55 TON OFF-HIGHWAY	108,977	20.17	6.83	7.90	2.88	0.00	365
		T45XX007	43 CY, 70 TON OFF-HIGHWAY	121,408	22.25	7.68	8.95	3.20	0.00	445
	.20	END DUMP								
		NO SPECIFIC MANUFACTURER								
		T45XX008	20 CY, 24 TON	41,184	7.20	2.70	3.21	1.09	0.00	146
	.30	PUP TRAILER								
		NO SPECIFIC MANUFACTURER								
		T45XX009	8 CY, LONG TONGUE	24,453	5.13	1.79	2.26	0.66	0.00	86
		T45XX010	10 CY, LONG TONGUE	24,638	5.17	1.81	2.28	0.67	0.00	86
	.40	LOWBOY (EQUIPMENT HAULING)								
	.41	RIGID NECK, DROP DECK								
		NO SPECIFIC MANUFACTURER								
		T45XX011	25 TON, 2 AXLE	24,219	3.78	1.42	1.42	0.71	0.00	89
		T45XX012	30 TON, 2 AXLE	27,056	4.20	1.59	1.60	0.79	0.00	94
		T45XX013	35 TON, 2 AXLE	29,553	4.56	1.74	1.76	0.86	0.00	109

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
T45		TRUCK TRAILERS,								
	.41	RIGID NECK, DROP DECK								
		NO SPECIFIC MANUFACTURER								
	T45XX014	35 TON, 3 AXLE		34,069	5.35	1.98	1.98	0.99	0.00	134
	T45XX015	40 TON, 3 AXLE		35,581	5.62	2.07	2.06	1.04	0.00	144
	T45XX016	50 TON, 3 AXLE		40,930	6.36	2.40	2.41	1.19	0.00	161
	T45XX017	60 TON, 3 AXLE		44,294	7.04	2.54	2.50	1.29	0.00	188
	T45XX018	70 TON, 3 AXLE		53,719	8.34	3.14	3.14	1.57	0.00	213
	T45XX019	75 TON, 3 AXLE		55,427	8.58	3.25	3.26	1.62	0.00	228
	T45XX020	80 TON, 4 AXLE		62,770	9.61	3.71	3.76	1.83	0.00	266
	T45XX021	90 TON, 4 AXLE		67,679	10.45	3.97	3.99	1.97	0.00	297
	T45XX022	100 TON, 4 AXLE		75,113	11.59	4.40	4.42	2.19	0.00	313
	T45XX023	120 TON, 4 AXLE		87,243	13.71	5.03	4.97	2.54	0.00	351
	T45XX024	HELPER DOLLY (60 TON TRAILER MAX)		20,898	3.37	1.20	1.17	0.61	0.00	62
	.50	PLATFORM TRAILER								
		NO SPECIFIC MANUFACTURER								
	T45XX025	25 TON, 2 AXLE		20,013	3.24	1.14	1.11	0.58	0.00	110
	.60	TILT TRAILER								
		NO SPECIFIC MANUFACTURER								
	T45XX026	12 TON, 2 AXLE		13,097	2.16	0.74	0.72	0.38	0.00	62
	T45XX027	16 TON, 2 AXLE		14,976	2.49	0.85	0.81	0.44	0.00	65
	T45XX028	20 TON, 2 AXLE		16,272	2.70	0.91	0.88	0.47	0.00	67
	.70	WATER TANKER TRAILER								
		NO SPECIFIC MANUFACTURER								
	T45XX029	4000 GAL	63 HP D	37,204	8.20	2.28	2.39	1.08	2.59	120
	T45XX030	5000 GAL	63 HP D	39,416	8.72	2.36	2.42	1.15	2.59	150
	T45XX031	6000 GAL	63 HP D	41,185	8.98	2.47	2.54	1.20	2.59	160

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
T45			TRUCK TRAILERS, ***** .80 DECONTAMINATION FACILITY							
			HAZCO							
		T45HA001	24 FOOT, 4 SHOWER UNIT	24,827	5.17	1.76	2.03	0.74	0.00	35
		T45HA002	30 FOOT, 4 SHOWER UNIT	29,956	6.23	2.13	2.47	0.89	0.00	45
		T45HA003	40 FOOT, 6 SHOWER UNIT	39,942	8.22	2.83	3.27	1.19	0.00	60
T50			TRUCKS, HIGHWAY (add truck options as required) *****							
	.01		0 THRU 10,000 GVW							
			FORD							
		T50FO001	F150 4X2 1/2-TON PICK-UP, 4900 GVW	137 HP G	11,930	6.62	0.96	1.21	0.35	3.07
		T50FO002	F150 4X4 1/2-TON PICK-UP, 6250 GVW	137 HP G	13,938	7.08	1.12	1.42	0.41	3.07
		T50FO003	F250 4X2 3/4-TON PICK-UP, 8600 GVW	137 HP G	13,028	6.88	1.03	1.30	0.38	3.07
		T50FO004	F250 4X4 3/4-TON PICK-UP, 8800 GVW	137 HP G	15,909	7.55	1.27	1.61	0.46	3.07
		T50FO005	F350 4X2 1-TON PICK-UP, 10000 GVW	137 HP G	15,251	7.49	1.21	1.51	0.45	3.07
			GMC AND CHEVROLET							
		T50GM001	S10 4X2 COMPACT PICKUP, 3500 GVW	92 HP G	9,801	4.88	0.78	0.98	0.29	2.06
		T50GM002	S10 4X4 COMPACT PICKUP, 3800 GVW	92 HP G	11,691	5.28	0.93	1.18	0.34	2.06
		T50GM003	C14 4X2 1500 PICKUP, 5200 GVW	150 HP G	11,475	6.90	0.92	1.16	0.34	3.36
		T50GM004	C10906 4X2 SUBURBAN, 8600 GVW	165 HP G	16,138	8.32	1.30	1.65	0.47	3.70
		T50GM005	K10906 4X4 SUBURBAN, 8600 GVW	165 HP G	17,825	8.71	1.43	1.82	0.52	3.70
		T50GM006	C24 4X2 2500 PICKUP, 7200 GVW	245 HP G	12,782	9.91	1.01	1.28	0.37	5.49
		T50GM007	K24 4X4 2500 PICKUP, 7200 GVW	245 HP G	14,811	10.40	1.18	1.50	0.43	5.49
		T50GM008	C34 4X2 3500 PICKUP, 8600 GVW	245 HP G	13,415	10.05	1.07	1.35	0.39	5.49
		T50GM009	K34 4X4 3500 PICKUP, 8600 GVW	245 HP G	15,501	10.55	1.24	1.57	0.45	5.49
	.02		OVER 10,000 THRU 30,000 GVW							
			FORD							
		T50FO006	F600 21,000 GVW, 2 AXLE	164 HP G	27,278	16.17	1.96	2.35	0.78	8.27
										70

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL RATES		ADJUSTABLE OWNERSHIP	ELEMENTS	FUEL	CWT
					AVERAGE	STANDBY				
T50			TRUCKS, HIGHWAY (add truck options as required)							
	.03		OVER 30,000 GVW							
			GMC AND CHEVROLET							
	T50GM015	C7D064	6X4, 3 AXLE, 41000 GVW	200 HP G	41,659	28.11	3.03	3.73	1.16	14.56
	T50GM016	C7D064	6X4, 3 AXLE, 41000 GVW	205 HP D	46,739	19.56	3.42	4.23	1.30	7.58
			INTERNATIONAL/NAVISTAR							
	T50IT004	F2554	43,000 GVW, 6X4, S SERIES, 3 AXLE	215 HP D	55,001	21.62	4.06	5.05	1.53	7.95
	T50IT005	F2574	50,000 GVW, 6X4, S SERIES, 3 AXLE	240 HP D	77,698	27.15	5.82	7.29	2.17	8.87
	T50IT006	F5070	54,000 GVW, 6X4, PAYSTAR SERIES, 3AX	240 HP D	85,022	28.55	6.38	8.01	2.37	8.87
	T50IT007	F5070	53,200 GVW, 6X6, PAYSTAR SERIES, 3AX	240 HP D	104,140	32.23	7.86	9.90	2.91	8.87
			KENWORTH							
	T50KE001	T800	33,000 GVW, 76,800 GCW, 2 AXLE	270 HP D	87,360	29.67	6.72	8.55	2.44	9.98
	T50KE002	T600A	33,000 GVW, 76,800 GCW, 2 AXLE	270 HP D	95,369	31.21	7.33	9.34	2.66	9.98
	T50KE003	C500B	46,000 GVW, 3 AXLE	270 HP D	95,587	31.37	7.33	9.31	2.67	9.98
	T50KE004	K100E	50,000 GVW, 85,000 GCW, 3 AXLE	270 HP D	98,287	31.88	7.53	9.58	2.74	9.98
	T50KE005	W900B	50,000 GVW, 85,000 GCW, 3 AXLE	270 HP D	100,489	32.31	7.70	9.80	2.80	9.98
			MACK TRUCKS							
	T50MT001	R690T	HAULING, 33,500 GVW, 4X2	275 HP D	73,520	27.48	5.59	7.07	2.05	10.16
	T50MT002	MH-612	35,000 GVW, 4X2	300 HP D	80,701	30.04	6.14	7.78	2.25	11.09
	T50MT003	RW732	HAULING, 35,000 GVW, 4X2	300 HP D	80,779	30.06	6.15	7.79	2.25	11.09
	T50MT004	MH-613	46,000 GVW, 6X4	300 HP D	90,730	32.21	6.87	8.68	2.53	11.09
	T50MT005	R690ST	HAULING, 44,500 GVW, 6X4	275 HP D	87,196	30.35	6.60	8.33	2.43	10.16
	T50MT006	RW733	HAULING, 46,000 GVW, 6X4	300 HP D	91,917	32.42	6.96	8.79	2.56	11.09
	T50MT007	RD690SX	DUMP/MIXER, 70,000 GVW, 6X4	275 HP D	96,792	32.18	7.34	9.27	2.70	10.16
	T50MT008	DM690SX	ON/OFF,DUMP/MIXER, 78,000 GVW, 6X4	275 HP D	101,787	33.15	7.73	9.77	2.84	10.16
	T50MT009	RD8666S	DUMP/MIXER, 50,000 GVW, 6X6	400 HP D	127,953	44.20	9.74	12.33	3.57	14.78
	T50MT010	RD8666SX	DUMP/MIXER, 74,000 GVW, 6X6	400 HP D	142,188	46.94	10.84	13.74	3.97	14.78
			PETERBILT							
	T50PE001	376	65000 GCW, 2 AXLE	250 HP D	69,201	25.83	5.19	6.51	1.93	9.24
	T50PE002	375	46000 GVW, 110000 GCW, 3 AXLE	285 HP D	85,595	31.20	6.35	7.91	2.39	10.53
	T50PE003	362	46000 GVW, 110000 GCW, 3 AXLE	300 HP D	102,132	35.07	7.62	9.54	2.85	11.09

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

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CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE OWNERSHIP ELEMENTS		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
T50			TRUCKS, HIGHWAY (add truck options as required)							
	.03		OVER 30,000 GVW							
			PETERBILT							
	T50PE004	379	46000 GVW, 110000 GCW, 3 AXLE	315 HP D	104,904	36.31	7.84	9.81	2.93	11.64
	T50PE005	357	62000 GVW, 110000 GCW, 3 AXLE	285 HP D	98,537	33.68	7.35	9.19	2.75	10.53
T55			TRUCKS, OFF-HIGHWAY							
			CATERPILLAR							
	T55CA001	769C	22-30 CY, 35T, REAR DUMP, POWERSHIFT	450 HP D	362,731	70.64	21.38	23.89	9.43	11.29
	T55CA002	773B	30-45 CY, 50T, REAR DUMP, POWERSHIFT	650 HP D	510,427	101.69	29.87	33.21	13.26	16.30
	T55CA003	777B	47-67 CY, 85T, REAR DUMP, POWERSHIFT	870 HP D	739,940	147.92	42.96	47.45	19.23	21.82
	T55CA004	768C	PRIME MOVER TRACTOR, POWERSHIFT	450 HP D	321,276	63.28	18.76	20.81	8.35	11.29
	T55CA005	772B	PRIME MOVER TRACTOR, POWERSHIFT	650 HP D	478,831	96.27	27.44	29.99	12.44	16.30
	T55CA006	776B	PRIME MOVER TRACTOR, POWERSHIFT	870 HP D	643,471	130.83	36.57	39.70	16.72	21.82
			DJB/CATERPILLAR							
	T55DJ001	D25C 4X4	13-18 CY, 25T, REAR DUMP, ARTIC, PS	260 HP D	254,978	48.32	14.90	16.54	6.63	6.52
	T55DJ002	D250B 6X4	15-19 CY, 25T, REAR DUMP, ARTIC, PS	218 HP D	231,857	42.46	13.71	15.36	6.03	5.47
	T55DJ003	D30C 4X4	16-22 CY, 30T, REAR DUMP, ARTIC, PS	257 HP D	290,704	57.63	16.59	18.08	7.55	6.45
	T55DJ004	D300B 6X6	17-22 CY, 30T, REAR DUMP, ARTIC, PS	260 HP D	285,125	55.26	16.46	18.10	7.41	6.52
	T55DJ005	D350C 6X4	20-26 CY, 35T, REAR DUMP, ARTIC, PS	260 HP D	326,110	60.90	18.95	20.95	8.47	6.52
	T55DJ006	D35C 4X4	18-28 CY, 35T, REAR DUMP, ARTIC, PS	260 HP D	330,875	60.89	19.26	21.31	8.60	6.52
	T55DJ007	D400 6X6	23-29 CY, 40T, REAR DUMP, ARTIC, PS	385 HP D	385,328	73.80	22.48	24.93	10.01	9.66
	T55DJ008	D44B 4X4	23-31 CY, 44T, REAR DUMP, ARTIC, PS	460 HP D	445,757	83.83	26.15	29.14	11.58	11.54
	T55DJ009	D550B 6X6	32-43 CY, 55T, REAR DUMP, ARTIC, PS	460 HP D	538,411	101.28	31.32	34.65	13.99	11.54
			EUCLID/VME							
	T55EU001	R25-215FD	14-19 CY, 25T, REAR DUMP, POWERSHIFT	230 HP D	232,835	42.14	13.69	15.27	6.05	5.77
	T55EU002	R35-324TD	22-30 CY, 35T, REAR DUMP, POWERSHIFT	450 HP D	386,855	73.95	22.84	25.57	10.05	11.29
	T55EU003	R50-326LD	32-44 CY, 50T, REAR DUMP, POWERSHIFT	675 HP D	540,570	106.69	31.70	35.30	14.05	16.93
	T55EU004	R85-316ND	49-67 CY, 85T, REAR DUMP, POWERSHIFT	925 HP D	688,738	137.76	39.55	43.30	17.90	23.20
			TEREX							

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT						
					AVERAGE	STANDBY	DEPR	CFC								
T55 TRUCKS, OFF-HIGHWAY																

TEREX																

	T55TE001	2566	14-17 CY, 23 TON, REAR DUMP, ARTIC	224 HP D	231,062	43.18	13.65	15.30	6.00	5.62	370					
	T55TE002	2766	16-19 CY, 25 TON, REAR DUMP, ARTIC	237 HP D	251,226	46.59	14.63	16.20	6.53	5.94	379					
	T55TE003	3066	17-21 CY, 27 TON, REAR DUMP, ARTIC	258 HP D	270,121	50.10	15.75	17.45	7.02	6.47	397					
	T55TE004	33-05B	20-25 CY, 30 TON, REAR DUMP, PS	324 HP D	287,540	55.52	16.87	18.79	7.47	8.13	499					
	T55TE005	4066	23-29 CY, 36 TON, REAR DUMP, ARTIC	359 HP D	358,440	70.81	20.85	23.06	9.32	9.00	553					
	T55TE006	33-07	26-34 CY, 40 TON, REAR DUMP, PS	478 HP D	360,444	75.29	20.76	22.78	9.37	11.99	743					
	T55TE007	33-09	36-47 CY, 55 TON, REAR DUMP, PS	620 HP D	488,136	97.04	27.92	30.45	12.69	15.55	933					
	T55TE008	33-11D	51-70 CY, 85 TON, REAR DUMP, PS	861 HP D	673,920	134.47	38.47	41.92	17.51	21.59	1,274					
UNIT RIG																

	T55UN001	MARK 24	45-63 CY, 77 TON, REAR DUMP	900 HP D	576,016	121.39	32.70	35.46	14.97	22.57	1,300					
	T55UN002	MARK 30	63-85 CY, 108 TON, REAR DUMP	1200 HP D	718,767	152.28	41.15	44.93	18.68	30.10	1,560					
	T55UN003	MARK 36	92-126 CY, 154 TON, REAR DUMP	1600 HP D	897,708	202.16	49.75	52.83	23.33	40.13	1,950					
VOLVO/VME																

	T55VO001	A-20	12-16 CY, 19 TON, 6X6, REAR DUMP	186 HP D	162,869	32.20	9.45	10.43	4.23	4.66	346					
	T55VO002	A-25	13-17 CY, 23 TON, 4X4, REAR DUMP	240 HP D	203,519	40.87	11.80	13.02	5.29	6.02	325					
	T55VO003	A-25	13-17 CY, 23 TON, 6X6, REAR DUMP	240 HP D	218,313	42.71	12.72	14.09	5.67	6.02	373					
	T55VO004	A-35	21-25 CY, 32 TON, 6X6, REAR DUMP	326 HP D	289,917	58.35	16.72	18.38	7.53	8.18	538					
WABCO/DRESSER																

	T55WA001	140M	30 CY, 33-38 TON, MECH REAR DUMP	485 HP D	393,476	76.04	23.25	26.03	10.23	12.16	652					
	T55WA002	210M	44 CY, 55-60 TON, MECH REAR DUMP	675 HP D	541,013	109.27	31.43	34.74	14.06	16.93	849					
	T55WA003	325M	67 CY, 85-95 TON, MECH REAR DUMP	930 HP D	717,848	148.11	40.33	43.33	18.66	23.32	1,270					
	T55WA004	385M	76 CY, 100-110 TON, MECH REAR DUMP	1050 HP D	904,142	175.40	51.90	56.80	23.50	26.33	1,690					
	T55WA005	510M	100 CY, 135-150 TON, MECH REAR DUMP	1350 HP D	1,304,417	247.35	74.91	82.01	33.90	33.86	2,005					
T60 TRUCKS, WATER, OFF-HIGHWAY																

KLEIN																

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT			
					AVERAGE	STANDBY	DEPR	CFC					
W25	WATER BLASTERS												
	*****.10 LOW PRESSURE, (< 5,000 PSI)-----												
	-----ACE ENTERPRISES-----												
	W25AC001	4030 BG	HIGH PRES DIR DR, 4.0 GPM, 3,000 PSI	11 HP G	3,049	3.22	0.39	0.57	0.10	1.51			
	W25AC002	B4030 BG	HIGH PRES BELT DR, 4.0 GPM, 3,000 PSI	11 HP G	3,243	3.31	0.41	0.61	0.10	1.51			
	W25AC003	5535 BG	HIGH PRES DIR DR, 5.5 GPM, 3,000 PSI	18 HP G	4,628	5.12	0.58	0.88	0.14	2.47			
	W25AC004	B5535 BG	HIGH PRES BELT DR, 5.5 GPM, 3,000 PSI	18 HP G	4,900	5.24	0.62	0.93	0.15	2.47			
	-----ATLANTIC-----												
	W25AN001	E200	COLD WATER, 1,800 PSI	5 HP E	2,371	2.44	0.30	0.46	0.07	0.81			
	W25AN002	2000	HOT WATER, 1,800 PSI	5 HP E	3,736	3.07	0.49	0.73	0.12	0.81			
	W25AN003	H320	COLD WATER, 3,200 PSI	11 HP G	2,859	3.16	0.37	0.56	0.09	1.51			
	W25AN004	3200	HOT WATER, 3,200 PSI	11 HP G	4,711	4.00	0.61	0.92	0.15	1.51			
	-----HOMELITE-----												
	W25HO001	HPW2000B	PRESSURE WASHER, 4.0 GPM, 2,000 PSI	9 HP D	1,641	1.43	0.21	0.32	0.05	0.54			
	W25HO002	HPW3000B	PRESSURE WASHER, 5.4 GPM, 3,000 PSI	13 HP D	2,810	2.28	0.37	0.55	0.09	0.79			
	.20 HIGH PRESSURE, (>= 5,000 PSI)-----												
	-----WEATHERFORD/AMERICAN AERO-----												
	W25WE001	WBE 50TEFC	7 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	50 HP E	30,157	21.55	2.83	3.90	0.88	8.08			
	W25WE002	WBE 75TEFC	10 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	75 HP E	32,782	28.30	3.08	4.25	0.95	12.11			
	W25WE003	WBD 90	10 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	91 HP D	42,166	20.67	3.97	5.47	1.23	5.50			
	W25WE004	WBE 150TEFC	20 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	150 HP E	49,873	51.54	4.69	6.48	1.45	24.23			
	W25WE005	WBD150	20 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	160 HP D	60,731	32.02	5.72	7.90	1.77	9.67			
	W25WE006	WBD200	20 GPM AT 16,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	240 HP D	68,471	40.67	6.42	8.86	1.99	14.50			
	W25WE007	WBD200T	16 GPM AT 20,000 PSI WITH 2 NOZZLES	230 HP D	78,885	43.23	7.38	10.17	2.29	13.90			
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TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
W25										
			WATER BLASTERS							
			.20 HIGH PRESSURE, (>= 5,000 PSI)							
			WEATHERFORD/AMERICAN AERO							
			W25WE007 WBD200T 16 GPM AT 20,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	230 HP D	78,885	43.23	7.38	10.17	2.29	13.90
			.30 STEAM CLEANERS							
			ALKOTA							
			W25AO001 90 90 GPH, 200 PSI	1 HP E	2,019	1.64	0.26	0.40	0.06	0.16
			W25AO002 120 130 GPH, 325 PSI	1 HP E	2,272	2.00	0.30	0.45	0.07	0.16
			W25AO003 181 180 GPH, 250 PSI	1 HP E	3,306	2.47	0.43	0.65	0.10	0.16
			W25AO004 240 240 GPH, 250 PSI	2 HP E	3,322	2.95	0.43	0.65	0.10	0.32
			W25AO005 301T 300 GPH, 100 PSI	4 HP E	7,004	5.58	0.91	1.37	0.22	0.65
			W25AO006 246 STEAM GENERATOR, 100 PSI	1 HP E	4,623	3.06	0.60	0.91	0.14	0.16
W30										
			WATER TANKS							
			.10 PORTABLE W/ WHEELS							
			SOUTHWEST							
			W30SO001 EWT-8C 8000 GAL., 10" DISCHG PIPE, MOBILE	8 HP G	34,431	5.66	2.00	2.14	0.93	0.75
			W30SO002 EWT-10C 10000 GAL., 10" DISCHG PIPE, MOBILE	8 HP G	41,166	6.55	2.40	2.57	1.11	0.75
			W30SO003 EWT-12C 12000 GAL., 10" DISCHG PIPE, MOBILE	8 HP G	44,798	7.05	2.62	2.81	1.21	0.75
			.20 SKID MOUNTED							
			SOUTHWEST							
			W30SO004 WST-8 8000 GAL. STAND-TOWER TANK, 10"PIPE		22,162	2.83	1.32	1.44	0.60	0.00
			W30SO005 WST-10 10000 GAL. STAND-TOWER TANK, 10"PIPE		24,762	3.16	1.48	1.61	0.67	0.00
			W30SO006 WST-12 12000 GAL. STAND-TOWER TANK, 10"PIPE		28,571	3.63	1.70	1.85	0.77	0.00

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP			CWT	
					AVERAGE	STANDBY	DEPR	CFC	FUEL		
W35											
WELDERS											
.10 GASOLINE OR DIESEL DRIVE											
BOMELITE											
	W35HO001	HWG135	135 AMP, PORTABLE	7 HP G	1,234	1.24	0.09	0.10	0.04	0.81	1
	W35HO002	HWG180	180 AMP, PORTABLE	11 HP G	1,673	1.91	0.12	0.14	0.05	1.28	1
NO SPECIFIC MANUFACTURER											
	W35XX001		250 AMP WITH 1 AXLE TRLR	27 HP D	7,711	3.19	0.55	0.63	0.23	1.39	21
	W35XX002		200 AMP WITH 1 AXLE TRLR	39 HP G	5,633	6.70	0.40	0.46	0.17	4.53	11
	W35XX003		300 AMP WITH 1 AXLE TRLR	38 HP D	8,236	3.98	0.58	0.67	0.24	1.95	21
	W35XX004		250 AMP WITH 1 AXLE TRLR	39 HP G	5,962	6.76	0.42	0.48	0.18	4.53	17
	W35XX005		350 AMP WITH 2 AXLE TRLR	38 HP D	9,272	4.20	0.65	0.74	0.28	1.95	25
	W35XX006		300 AMP WITH 1 AXLE TRLR	65 HP G	6,471	10.59	0.46	0.53	0.19	7.55	17
	W35XX007		400 AMP WITH 2 AXLE TRLR	64 HP D	10,047	6.00	0.71	0.81	0.30	3.28	30
	W35XX008		400 AMP WITH 1 AXLE TRLR	69 HP G	8,234	11.50	0.58	0.67	0.24	8.02	21
.20 ELECTRICAL											
.21 ELECTRIC DRIVE											
NO SPECIFIC MANUFACTURER											
	W35XX009		300 AMP, SKID MTD	20 HP E	2,819	3.47	0.25	0.34	0.08	2.04	7
	W35XX010		400 AMP, SKID MTD	25 HP E	3,373	4.31	0.31	0.41	0.10	2.55	9
.22 MIG											
NO SPECIFIC MANUFACTURER											
	W35XX011		300 AMP WITH WIRE FEED & SHOP GEAR	10 HP E	2,857	2.07	0.27	0.35	0.09	1.02	5
	W35XX012		450 AMP WITH WIRE FEED & SHOP GEAR	20 HP E	2,938	3.51	0.27	0.36	0.09	2.04	5
.23 RECTIFIER											

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		
W35			WELDERS							
	.23		RECTIFIER							
			NO SPECIFIC MANUFACTURER							
			W35XX013 200 AMP WITH SHOP RUNNING GEAR	19 HP E	1,302	3.01	0.12	0.16	0.04	1.94 4
			W35XX014 300 AMP WITH SHOP RUNNING GEAR	24 HP E	1,675	3.79	0.15	0.20	0.05	2.45 6
			W35XX015 750 AMP WITH SHOP RUNNING GEAR	30 HP E	4,534	5.28	0.42	0.55	0.14	3.06 7
			W35XX016 1000 AMP WITH SHOP RUNNING GEAR	42 HP E	7,927	7.73	0.72	0.96	0.24	4.28 10
	.24		TRANSFORMER							
			NO SPECIFIC MANUFACTURER							
			W35XX017 250 AMP WITH SHOP RUNNING GEAR	19 HP E	611	2.85	0.06	0.07	0.02	1.94 4
			W35XX018 300 AMP WITH SHOP RUNNING GEAR	24 HP E	1,996	3.87	0.18	0.24	0.06	2.45 6

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE (AVERAGE CONDITIONS)

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE (\$)	TOTAL HOURLY RATES (\$/HR)		ADJUSTABLE ELEMENTS OWNERSHIP		FUEL	CWT
					AVERAGE	STANDBY	DEPR	CFC		

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TABLE 3-2. EQUIPMENT AGE ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

REGION XI

The "Age Adjustment Factors for Ownership Costs" in TABLE 3-2 are used when the age of an item of equipment is other than the age of the equipment listed in TABLE 3-1. The factors given in TABLE 3-2 are multiplied by the hourly ownership costs shown in TABLE 3-1 and result in an ownership rate adjusted for the actual age of the equipment being considered. When the "life" of the equipment has exceeded the economic service life given in APPENDIX D, the age will be determined as given in paragraph 3-2f.

Examples: Assume that a two-year-old (manufactured in 1989) 50-ton truck crane (category C90.02) listed in TABLE 3-1 has a total hourly rate of \$55.00 per hour and an ownership rate of \$30.00 per hour.

A. If an equivalent crane owned by a contractor had been purchased new in 1985, the total hourly rate can be determined as follows:

Total Hourly Rate	= \$55.00/Hr
Ownership Rate	(-) \$30.00/Hr
Ownership adjusted for Age:	
(Ownership Rate) x (Age Adjustment Factor)	
= (\$30.00) x (.84)	= (+) <u>\$25.20/Hr</u>
Adjusted Total Hourly Rate	= \$50.20/Hr

B. If an equivalent crane owned by a contractor had been purchased new in 1972, this crane is overage and the total hourly rate can be determined as follows:

Total Hourly Rate	= \$55.00/Hr
Ownership Rate	(-) \$30.00/Hr
Ownership adjusted for Age:	
(Ownership Rate) x (Oldest Age Adjustment Factor)	
= (\$30.00) x (.79)	= (+) <u>\$23.70/Hr</u>
Adjusted Total Hourly Rate	= \$48.70/Hr

C. 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 Example B.

D. If an equivalent crane, manufactured in 1985, had been purchased used in 1987 by the contractor, the used crane is not overage and the rate computation would be identical to Example A.

TABLE 3-2. EQUIPMENT AGE ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW														
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
A10 .00	AGGREGATE/CHIP SPREADERS															
A10 .10	SELF PROPELLED	1.07	1.04	1.00	0.97	0.94	0.93	0.93								
A10 .20	TOWED & TAILGATE	1.07	1.04	1.00	0.97											
A15 .00	AIR COMPRESSORS, PORTABLE															
A15 .10	ROTARY SCREW	1.11	1.04	1.00	0.94	0.90	0.89	0.90								
A20 .00	AIR HOSE, TOOLS & EQUIPMENT															
A20 .10	AIR HOSES	1.10	1.04	1.00												
A20 .20	BLAST HOSE	1.10	1.04	1.00												
A20 .30	SANDBLASTERS & BREAKERS	1.11	1.04	1.00												
A25 .00	ASPHALT DISTRIBUTORS	1.07	1.04	1.00	0.97	0.94										
A30 .00	ASPHALT FINISHERS/PAVERS															
A30 .10	SELF PROPELLED	1.07	1.04	1.00	0.97	0.94	0.93	0.93								
A30 .20	TOWED	1.07	1.04	1.00	0.97	0.94	0.93	0.93								
A35 .00	ASPHALT KETTLES	1.07	1.04	1.00	0.97											
A40 .00	ASPHALT & CONCR. MILLERS/PROFILERS	1.07	1.04	1.00	0.97	0.94	0.93	0.93								
A45 .00	ASPHALT RECYCLERS & SEALERS	1.07	1.04	1.00	0.97	0.94										
B00 .00	BACKHOE (SEE HYD. EXCAV.)															
B10 .00	BATCH PLANTS, ASPHALT & CONCRETE															
B15 .00	BROOMS, STREET SWEEPERS & FLUSHERS	1.09	1.05	1.00	0.95	0.92										
B20 .00	BRUSH CHIPPERS	1.09	1.05	1.00	0.95	0.92										
B25 .00	BUCKETS, CLAMSHELL	1.12	1.07	1.00	0.91	0.88	0.87	0.86								
B30 .00	BUCKETS, CONCRETE															
B30 .10	GENERAL PURPOSE, MANUAL	1.12	1.07	1.00	0.90	0.88	0.87	0.85								
B30 .20	LAYDOWN	1.12	1.07	1.00	0.90	0.88	0.87	0.85								
B30 .30	LOWBOY	1.12	1.07	1.00	0.90	0.88	0.87	0.85								
B30 .40	LOW SLUMP	1.12	1.07	1.00	0.90	0.88	0.87	0.85								
B35 .00	BUCKETS, DRAGLINE															
B35 .10	LIGHT WEIGHT	1.12	1.07	1.00	0.90	0.88										
B35 .20	MEDIUM WEIGHT	1.12	1.07	1.00	0.91	0.88	0.87									
B35 .30	HEAVY WEIGHT	1.12	1.07	1.00	0.91	0.88	0.87	0.86								
C05 .00	CHAIN SAWS	1.09	1.05	1.00												
C10 .00	COMPACTORS, MANUALLY OPERATED	1.10	1.05	1.00	0.94											
C15 .00	CONCRETE BLASTERS	1.10	1.05	1.00	0.94											
C20 .00	CONCRETE BUGGIES	1.10	1.05	1.00	0.94											
C25 .00	CONCRETE FINISHERS	1.10	1.05	1.00	0.94											
C30 .00	CONCRETE GRINDERS	1.10	1.05	1.00	0.94											
C35 .00	CONCRETE GUNITERS/SHOTCRETERS	1.09	1.04	1.00	0.95	0.92										
C40 .00	CONCRETE MIXERS	1.10	1.05	1.00	0.94											
C45 .00	CONCRETE PAVING MACHINES	1.07	1.04	1.00	0.97	0.94	0.93	0.93								

TABLE 3-2. EQUIPMENT AGE ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW														
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
C55 .00	CONCRETE PUMPS	1.09	1.04	1.00	0.95	0.92										
C60 .00	CONCRETE SAWS	1.10	1.05	1.00	0.94											
C65 .00	CONCRETE VIBRATORS	1.11	1.04	1.00												
C70 .00	CRANES, GANTRY & STRADDLE															
C75 .00	CRANES, HYDRAULIC, SELF-PROP.	1.13	1.05	1.00	0.92	0.90	0.87	0.84	0.82	0.81						
C80 .00	CRANES, HYDRAULIC, TRUCK MTD															
C80 .01	UNDER 26 TON	1.13	1.05	1.00	0.92	0.90	0.87	0.84	0.82	0.81						
C80 .02	26 TON THRU 65 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79					
C80 .03	66 TON THRU 125 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79	0.74				
C80 .04	OVER 125 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79	0.74	0.68	0.60		
C85 .00	CRANES, MECHANICAL, CRAWLER MTD															
C85 .10	DRAGLINE, CLAMSHELL															
C85 .11	0 THRU 1 CY	1.13	1.05	1.00	0.92	0.90	0.86	0.84	0.82							
C85 .12	OVER 1 CY THRU 2-1/2 CY	1.13	1.05	1.00	0.92	0.90	0.87	0.84	0.82	0.81						
C85 .13	OVER 2-1/2 CY THRU 5 CY	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79					
C85 .14	OVER 5 CY	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79	0.74				
C85 .20	LIFTING															
C85 .21	0 THRU 25 TON	1.13	1.05	1.00	0.92	0.90	0.86	0.84	0.82							
C85 .22	26 TON THRU 50 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79					
C85 .23	51 TON THRU 150 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79	0.74				
C85 .24	OVER 150 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79	0.74	0.68	0.60		
C90 .00	CRANES, MECHANICAL, TRUCK MTD															
C90 .01	UNDER 26 TON	1.13	1.05	1.00	0.92	0.90	0.87	0.84	0.82	0.81						
C90 .02	26 TON THRU 65 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79					
C90 .03	66 TON THRU 125 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79	0.74				
C90 .04	OVER 125 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79	0.74	0.68	0.60		
C95 .00	CRANES, TOWER	1.13	1.05	1.00	0.92	0.89	0.86	0.84	0.82	0.81	0.79	0.74	0.68	0.60		
D10 .00	DRILLS, AIR TRACK, CRAWLER MTD	1.09	1.04	1.00	0.94	0.93	0.93	0.95								
D15 .00	DRILLS, BORING MACHINES	1.09	1.04	1.00	0.94	0.93	0.93	0.95								
D20 .00	DRILLS, CORE, COLUMN MOUNTED	1.09	1.04	1.00	0.93	0.93										
D25 .00	DRILLS, CORE, SKID MOUNTED	1.09	1.04	1.00	0.94	0.93	0.93	0.95								
D30 .00	DRILLS, EARTH/AUGER	1.09	1.04	1.00	0.94	0.93	0.93	0.95								
D35 .00	DRILLS, ROTARY BLAST HOLE															
D35 .10	DIESEL or GASOLINE															
D35 .11	0" THRU 11" DIA. HOLE	1.09	1.04	1.00	0.94	0.93	0.93	0.95	0.94	0.95						
D35 .12	OVER 11" DIAM.	1.08	1.04	1.00	0.94	0.93	0.93	0.95	0.94	0.95	0.94	0.86				
D35 .20	ELECTRIC															
D35 .21	0" THRU 11" DIA. HOLE	1.09	1.04	1.00	0.94	0.93	0.93	0.95	0.94	0.95						
D35 .22	OVER 11" DIAM.	1.08	1.04	1.00	0.94	0.93	0.93	0.95	0.94	0.95	0.94	0.86				

TABLE 3-2. EQUIPMENT AGE ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

TABLE 3-2. EQUIPMENT AGE ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW														
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
L50 .00	LOADERS w/ BACKHOE, WHEEL TYPE	1.08	1.04	1.00	0.95	0.91	0.88	0.88								
L55 .00	LOADER/BACKHOE, ATTACHMENTS	1.10	1.05	1.00	0.94											
L60 .00	LOG SKIDDERs	1.06	1.03	1.00	0.98	0.96	0.94	0.94								
P10 .00	PILE EXTRACTORS & LEADS	1.12	1.06	1.00	0.93											
P20 .00	PILE HAMMERS, DOUBLE ACTING	1.12	1.06	1.00	0.93											
P25 .00	PILE HAMMERS, SINGLE ACTING	1.12	1.06	1.00	0.93											
P30 .00	PILE HAMMERS, VIBRATORY	1.12	1.06	1.00	0.93											
P35 .00	PIPELAYERS	1.08	1.04	1.00	0.93	0.87	0.83	0.83	0.83							
P40 .00	PLATFORMS, AERIAL WORK	1.14	1.06	1.00	0.92	0.89										
P45 .00	PUMPS, GROUT	1.09	1.04	1.00	0.95	0.92										
P50 .00	PUMPS, WATER, CENTRIFUGAL, TRASH															
P50 .10	SKID MOUNTED															
P50 .11	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91										
P50 .12	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91										
P50 .20	WHEEL MOUNTED															
P50 .21	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91										
P50 .22	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91										
P55 .00	PUMPS, WATER, SUBMERSIBLE															
P55 .01	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P55 .02	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P60 .00	PUMPS, WATER, CENTRIF, DEWATERING															
P60 .10	SKID MOUNTED															
P60 .11	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91										
P60 .12	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91										
P60 .20	WHEEL MOUNTED															
P60 .21	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91										
P60 .22	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91										
P65 .00	PUMPS, WATER, DIAPHRAGM															
P65 .10	SKID MOUNTED															
P65 .11	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91										
P65 .12	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91										
P65 .20	WHEEL MOUNTED															
P65 .21	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91										
P65 .22	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91										
P70 .00	PUMPS, WATER (FOR CORE DRILLS)															
P70 .01	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91										
P70 .02	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91										
R10 .00	RIPPERS & HYDRAULIC BANK SLOPERS	1.08	1.04	1.00	0.93	0.87										
R15 .00	ROLLERS, TOWED - PNEUMATIC	1.06	1.03	1.00	0.98	0.92	0.91	0.89								

TABLE 3-2. EQUIPMENT AGE ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW														
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
R20 .00	ROLLERS, TOWED - STEEL DRUM	1.06	1.03	1.00	0.98	0.92	0.91	0.89								
R30 .00	ROLLERS, STATIC, SELF-PROPELLED	1.06	1.03	1.00	0.97	0.92										
R30 .01	PNEUMATIC	1.06	1.03	1.00	0.97	0.92										
R30 .02	SMOOTH DRUM	1.06	1.03	1.00	0.98	0.92	0.91	0.89								
R30 .03	TAMPING FOOT	1.06	1.03	1.00	0.98	0.92	0.91	0.89								
R40 .00	ROLLERS, VIBRATORY, TOWED	1.06	1.03	1.00	0.97	0.92										
R45 .00	ROLLERS, VIBRATORY, DOUBLE DRUM,	1.06	1.03	1.00	0.97	0.92										
R50 .00	ROLLERS, VIBRATORY, SINGLE DRUM	1.06	1.03	1.00	0.97	0.92										
R55 .00	ROOFING EQUIPMENT	1.09	1.04	1.00	0.95											
S10 .00	SCRAPERS, ELEVATING															
S10 .01	0 THRU 200 HP	1.08	1.04	1.00	0.94	0.92	0.87	0.87								
S10 .02	OVER 200 HP	1.07	1.04	1.00	0.94	0.92	0.88	0.87								
S15 .00	SCRAPERS, CONVENTIONAL	1.07	1.04	1.00	0.94	0.92	0.88	0.87								
S20 .00	SCRAPERS, TANDEM POWERED	1.07	1.04	1.00	0.94	0.92	0.88	0.87								
S25 .00	SCRAPERS, TRACTOR DRAWN	1.08	1.04	1.00	0.94	0.92	0.87	0.87	0.84							
S30 .00	SCREENING PLANTS															
S35 .00	SNOW REMOVAL EQUIPMENT	1.09	1.05	1.00	0.95	0.92										
S40 .00	SOIL STABILIZERS	1.08	1.04	1.00	0.94	0.92	0.87	0.87								
S45 .00	SPLITTERS, ROCK & CONCRETE	1.10	1.05	1.00	0.94											
T10 .00	TRACTOR BLADES & ATTACHMENTS	1.08	1.04	1.00	0.94	0.87	0.83	0.83								
T15 .00	TRACTORS, CRAWLER (DOZER)															
T15 .01	0 THRU 225 HP	1.08	1.04	1.00	0.93	0.86	0.82	0.82								
T15 .02	226 HP THRU 425 HP	1.08	1.04	1.00	0.94	0.87	0.83	0.83								
T15 .03	OVER 425 HP	1.08	1.04	1.00	0.94	0.88	0.84	0.84	0.84							
T20 .00	TRACTORS, WHEEL TYPE (DOZER)	1.06	1.03	1.00	0.98	0.96	0.94	0.94	0.94							
T25 .00	TRACTORS, WHEEL TYPE (FARM)	1.06	1.03	1.00	0.98	0.96										
T30 .00	TRENCHERS, CHAIN	1.08	1.04	1.00	0.98	0.96										
T35 .00	TRENCHERS, WHEEL TYPE	1.08	1.04	1.00	0.98	0.96	0.96	0.96	0.93							
T40 .00	TRUCK OPTIONS, (ADD TRUCK)															
T40 .10	CRANES, HYDRAULIC	1.09	1.05	1.00	0.95	0.92										
T40 .20	DUMP BODY, REAR	1.09	1.05	1.00	0.95	0.92										
T40 .30	FLATBEDS, W/ CONT. SIDES	1.09	1.05	1.00	0.95	0.92										
T40 .40	HOIST															
T40 .41	ELECTRIC DRIVE	1.09	1.05	1.00	0.95	0.92										
T40 .50	TRANSIT MIXERS	1.09	1.04	1.00	0.95	0.92										
T40 .60	WATER TANKS	1.09	1.05	1.00	0.95	0.92										
T40 .70	ALL OTHER OPTIONS	1.09	1.05	1.00	0.95	0.92										
T45 .00	TRUCK TRAILERS,															
T45 .10	BOTTOM DUMP	1.09	1.04	1.00	0.95	0.92	0.90	0.89								

TABLE 3-2. EQUIPMENT AGE ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW													
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
T45 .20	END DUMP	1.09	1.04	1.00	0.95	0.92	0.90	0.89							
T45 .30	PUP TRAILER	1.09	1.04	1.00	0.95	0.92									
T45 .40	LOWBOY (EQUIPMENT HAULING)														
T45 .41	RIGID NECK, DROP DECK	1.10	1.05	1.00	0.94	0.91	0.88	0.87							
T45 .50	PLATFORM TRAILER	1.10	1.05	1.00	0.94	0.91	0.88	0.87							
T45 .60	TIILT TRAILER	1.10	1.05	1.00	0.94	0.91	0.88	0.87							
T45 .70	WATER TANKER TRAILER	1.10	1.05	1.00	0.94	0.91	0.88	0.87							
T45 .80	DECONTAMINATION FACILITY	1.11	1.05	1.00	0.94	0.91									
T50 .00	TRUCKS, HIGHWAY														
T50 .01	0 THRU 10,000 GVW	1.07	1.02	1.00	0.95	0.93									
T50 .02	OVER 10,000 THRU 30,000 GVW	1.07	1.02	1.00	0.95	0.93									
T50 .03	OVER 30,000 GVW	1.06	1.02	1.00	0.96	0.93									
T55 .00	TRUCKS, OFF-HIGHWAY	1.12	1.05	1.00	0.92	0.88	0.86	0.85	0.84						
T60 .00	TRUCKS, WATER, OFF-HIGHWAY	1.13	1.06	1.00	0.92	0.87	0.85	0.85	0.84						
T65 .00	TUNNEL MINING MACHINES														
W10 .00	WAGONS, BOTTOM DUMP	1.12	1.05	1.00	0.92	0.88	0.86	0.85	0.84						
W15 .00	WAGONS, REAR DUMP	1.12	1.05	1.00	0.92	0.88	0.86	0.85	0.84						
W25 .00	WATER BLASTERS														
W25 .10	LOW PRESSURE, (< 5,000 PSI)	1.10	1.05	1.00											
W25 .20	HIGH PRESSURE, (>= 5,000 PSI)	1.10	1.05	1.00	0.94										
W25 .30	STEAM CLEANERS	1.10	1.05	1.00											
W30 .00	WATER TANKS														
W30 .10	PORTABLE W/ WHEELS	1.13	1.06	1.00	0.92	0.87	0.85	0.85	0.84						
W30 .20	SKID MOUNTED	1.13	1.06	1.00	0.92	0.87	0.85	0.85	0.84						
W35 .00	WELDERS														
W35 .10	GASOLINE or DIESEL DRIVE	1.11	1.05	1.00	0.94	0.91									
W35 .20	ELECTRICAL														
W35 .21	ELECTRIC DRIVE	1.10	1.05	1.00	0.94										
W35 .22	MIG	1.10	1.05	1.00	0.94										
W35 .23	RECTIFIER	1.10	1.05	1.00	0.94										
W35 .24	TRANSFORMER	1.10	1.05	1.00	0.94										

$$\left(\frac{1}{\sqrt{2}}(\sigma_+ + \sigma_-), \frac{1}{\sqrt{2}}(\sigma_+ - \sigma_-), \frac{1}{\sqrt{6}}(3\sigma_3 - \sigma_+ - \sigma_-) \right)$$

TABLE 3-3. EQUIPMENT AGE ADJUSTMENT FACTORS FOR STANDBY COSTS

REGION XI

The "Age Adjustment Factors for Standby Costs" in TABLE 3-3 are used when the age of a piece of equipment is other than the age of the equipment listed in TABLE 3-1. The factors given in TABLE 3-3 are multiplied by the hourly standby costs shown in TABLE 3-1 and result in a standby rate adjusted for the actual age of the equipment being considered. When the "life" of the equipment has exceeded the economic service life given in APPENDIX D, the age will be determined as given in paragraph 3-2f.

Example: Assume that a two-year-old (manufactured in 1989) 50-ton truck crane listed in TABLE 3-1 has an hourly standby rate of \$18.00 per hour. If an equivalent crane owned by a contractor had been purchased new in 1985, the hourly standby rate can be determined as follows:

$$\text{Hourly Standby Rate} = \$18.00/\text{Hr}$$

$$\begin{aligned} \text{Standby Adjusted for Age} \\ (\text{Standby Rate}) \times (\text{Age Adjustment Factor}) \\ = (\$18.00) \times (.85) &= \$15.30/\text{Hr} \end{aligned}$$

TABLE 3-3. EQUIPMENT AGE ADJUSTMENT FACTORS FOR STANDBY COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW													
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
A10 .00	AGGREGATE/CHIP SPREADERS														
A10 .10	SELF PROPELLED	1.06	1.04	1.00	0.97	0.95									
A10 .20	TOWED & TAILGATE	1.07	1.04	1.00											
A15 .00	AIR COMPRESSORS, PORTABLE														
A15 .10	ROTARY SCREW	1.10	1.04	1.00	0.95	0.90									
A20 .00	AIR HOSE, TOOLS & EQUIPMENT														
A20 .10	AIR HOSES	1.10													
A20 .20	BLAST HOSE	1.10													
A20 .30	SANDBLASTERS & BREAKERS	1.11													
A25 .00	ASPHALT DISTRIBUTORS	1.07	1.04	1.00	0.97										
A30 .00	ASPHALT FINISHERS/PAVERS														
A30 .10	SELF PROPELLED	1.06	1.04	1.00	0.97	0.95									
A30 .20	TOWED	1.06	1.04	1.00	0.97	0.95									
A35 .00	ASPHALT KETTLES	1.07	1.04	1.00											
A40 .00	ASPHALT & CONCR. MILLERS/PROFILERS	1.06	1.04	1.00	0.97	0.95									
A45 .00	ASPHALT RECYCLERS & SEALERS	1.07	1.04	1.00	0.97										
B00 .00	BACKHOE (SEE HYD. EXCAV.)														
B10 .00	BATCH PLANTS, ASPHALT & CONCRETE														
B15 .00	BROOMS, STREET SWEEPERS & FLUSHERS	1.09	1.04	1.00	0.95										
B20 .00	BRUSH CHIPPERS	1.09	1.04	1.00	0.95										
B25 .00	BUCKETS, CLAMSHELL	1.11	1.07	1.00	0.91	0.89									
B30 .00	BUCKETS, CONCRETE														
B30 .10	GENERAL PURPOSE, MANUAL	1.12	1.07	1.00	0.91	0.89									
B30 .20	LAYDOWN	1.12	1.07	1.00	0.91	0.89									
B30 .30	LOWBOY	1.12	1.07	1.00	0.91	0.89									
B30 .40	LOW SLUMP	1.12	1.07	1.00	0.91	0.89									
B35 .00	BUCKETS, DRAGLINE														
B35 .10	LIGHT WEIGHT	1.11	1.07	1.00	0.91										
B35 .20	MEDIUM WEIGHT	1.11	1.07	1.00	0.91										
B35 .30	HEAVY WEIGHT	1.11	1.07	1.00	0.91	0.89									
C05 .00	CHAIN SAWS	1.09													
C10 .00	COMPACTORS, MANUALLY OPERATED	1.09	1.05												
C15 .00	CONCRETE BLASTERS	1.09	1.05	1.00											
C20 .00	CONCRETE BUGGIES	1.09	1.05												
C25 .00	CONCRETE FINISHERS	1.09	1.05												
C30 .00	CONCRETE GRINDERS	1.09	1.05												
C35 .00	CONCRETE GUNITERS/SHOTCRETTERS	1.09	1.04	1.00											
C40 .00	CONCRETE MIXERS	1.09	1.05												

TABLE 3-3. EQUIPMENT AGE ADJUSTMENT FACTORS FOR STANDBY COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW														
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
C45 .00	CONCRETE PAVING MACHINES	1.06	1.04	1.00	0.97	0.95										
C55 .00	CONCRETE PUMPS	1.09	1.04	1.00	0.95											
C60 .00	CONCRETE SAWS	1.09	1.05	1.00												
C65 .00	CONCRETE VIBRATORS	1.11														
C70 .00	CRANES, GANTRY & STRADDLE															
C75 .00	CRANES, HYDRAULIC, SELF-PROP.	1.12	1.05	1.00	0.93	0.90	0.87	0.85								
C80 .00	CRANES, HYDRAULIC, TRUCK MTD															
C80 .01	UNDER 26 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85								
C80 .02	26 TON THRU 65 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82						
C80 .03	66 TON THRU 125 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.84	0.82	0.80					
C80 .04	OVER 125 TON	1.12	1.05	1.00	0.93	0.90	0.88	0.85	0.84	0.82	0.81	0.75				
C85 .00	CRANES, MECHANICAL, CRAWLER MTD															
C85 .10	DRAGLINE, CLAMSHELL															
C85 .11	0 THRU 1 CY	1.12	1.05	1.00	0.92	0.90	0.87									
C85 .12	OVER 1 CY THRU 2-1/2 CY	1.12	1.05	1.00	0.93	0.90	0.87	0.85								
C85 .13	OVER 2-1/2 CY THRU 5 CY	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82						
C85 .14	OVER 5 CY	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.84	0.82	0.80					
C85 .20	LIFTING															
C85 .21	0 THRU 25 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85								
C85 .22	26 TON THRU 50 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83							
C85 .23	51 TON THRU 150 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.84	0.82	0.80					
C85 .24	OVER 150 TON	1.12	1.05	1.00	0.93	0.90	0.88	0.85	0.84	0.82	0.81	0.75				
C90 .00	CRANES, MECHANICAL, TRUCK MTD															
C90 .01	UNDER 26 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85								
C90 .02	26 TON THRU 65 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82						
C90 .03	66 TON THRU 125 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.84	0.82	0.80					
C90 .04	OVER 125 TON	1.12	1.05	1.00	0.93	0.90	0.88	0.85	0.84	0.82	0.81	0.75				
C95 .00	CRANES, TOWER	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82	0.80					
D10 .00	DRILLS, AIR TRACK, CRAWLER MTD	1.08	1.04	1.00	0.94	0.93										
D15 .00	DRILLS, BORING MACHINES	1.08	1.04	1.00	0.94	0.93										
D20 .00	DRILLS, CORE, COLUMN MOUNTED	1.08	1.04	1.00	0.94											
D25 .00	DRILLS, CORE, SKID MOUNTED	1.08	1.04	1.00	0.94	0.93										
D30 .00	DRILLS, EARTH/AUGER	1.08	1.04	1.00	0.94	0.93										
D35 .00	DRILLS, ROTARY BLAST HOLE															
D35 .10	DIESEL OR GASOLINE															
D35 .11	0" THRU 11" DIA. HOLE	1.08	1.04	1.00	0.94	0.94	0.93	0.95								
D35 .12	OVER 11" DIAM.	1.08	1.04	1.00	0.94	0.94	0.94	0.95	0.94	0.95	0.94					
D35 .20	ELECTRIC															
D35 .21	0" THRU 11" DIA. HOLE	1.08	1.04	1.00	0.94	0.94	0.93	0.95								

TABLE 3-3. EQUIPMENT AGE ADJUSTMENT FACTORS FOR STANDBY COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW														
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
D35 .22	OVER 11" DIAM.	1.08	1.04	1.00	0.94	0.94	0.94	0.95	0.94	0.95	0.94	0.95	0.94			
F10 .00	FORK LIFTS	1.09	1.04	1.00	0.95	0.92										
G10 .00	GENERATOR SETS															
G10 .10	PORTABLE	1.08	1.03	1.00	0.94											
G10 .20	SKID MOUNTED	1.07	1.03	1.00	0.94	0.89										
G15 .00	GRADERS, MOTOR	1.07	1.04	1.00	0.94	0.92	0.88									
H10 .00	HAMMERS, HYDRAULIC	1.09	1.05	1.00												
H15 .00	HEATERS, SPACE															
H20 .00	HOIST	1.09	1.04	1.00	0.95											
H25 .00	HYDRAULIC EXCAVATORS, CRAWLER MTD															
H25 .10	DIESEL OR GASOLINE															
H25 .11	0 THRU 1 CY	1.08	1.05	1.00	0.92											
H25 .12	OVER 1 CY THRU 2-1/2 CY	1.07	1.05	1.00	0.92	0.90										
H25 .13	OVER 2-1/2 CY THRU 5 CY	1.07	1.05	1.00	0.93	0.90	0.87									
H25 .14	OVER 5 CY	1.07	1.05	1.00	0.93	0.90	0.87	0.85								
H30 .00	HYDRAULIC EXCAVATORS, WHEEL MTD															
H30 .01	0 THRU 1 CY	1.08	1.05	1.00	0.92											
H30 .02	OVER 1 CY	1.07	1.05	1.00	0.92	0.90										
H35 .00	HYDRAULIC SHOVELS, CRAWLER MOUNTED															
H35 .10	DIESEL															
H35 .11	0 CY THRU 5 CY	1.07	1.05	1.00	0.93	0.90	0.87	0.85								
H35 .12	OVER 5 CY	1.07	1.05	1.00	0.93	0.90	0.87	0.85	0.84	0.82						
H35 .20	ELECTRIC															
H35 .21	OVER 2-1/2 CY	1.07	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82	0.80					
L10 .00	LAND CLEARING EQUIPMENT	1.08	1.04	1.00	0.94											
L15 .00	LAWN MOWERS	1.09														
L20 .00	LIGHTING SETS, TRAILER MOUNTED															
L20 .10	METALLIC VAPOR	1.09	1.05	1.00	0.95											
L25 .00	LINE STRIPING EQUIPMENT	1.09	1.05	1.00	0.95											
L30 .00	LOADERS, BELT	1.09	1.04	1.00	0.95	0.92										
L35 .00	LOADERS, FRONT END, CRAWLER TYPE	1.07	1.04	1.00	0.94	0.88										
L40 .00	LOADERS, FRONT END, WHEEL TYPE															
L40 .10	ARTICULATED															
L40 .11	0 THRU 225 HP	1.08	1.03	1.00	0.95	0.92										
L40 .12	OVER 225 HP	1.07	1.03	1.00	0.96	0.93	0.90									
L40 .20	SKID STEER	1.08	1.03	1.00	0.96											
L40 .30	TOOL CARRIER															
L40 .31	0 THRU 225 HP	1.08	1.03	1.00	0.95	0.92										
L40 .32	OVER 225 HP	1.07	1.03	1.00	0.96	0.93	0.90									

TABLE 3-3. EQUIPMENT AGE ADJUSTMENT FACTORS FOR STANDBY COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW														
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
L45 .00	LOADERS w/ BACKHOE, CRAWLER TYPE	1.07	1.04	1.00	0.94	0.88										
L50 .00	LOADERS w/ BACKHOE, WHEEL TYPE	1.08	1.03	1.00	0.95	0.92										
L55 .00	LOADER/BACKHOE, ATTACHMENTS	1.09	1.05	1.00												
L60 .00	LOG SKIDTERS	1.06	1.03	1.00	0.98	0.96										
P10 .00	PILE EXTRACTORS & LEADS	1.11	1.05	1.00												
P20 .00	PILE HAMMERS, DOUBLE ACTING	1.11	1.05	1.00												
P25 .00	PILE HAMMERS, SINGLE ACTING	1.11	1.05	1.00												
P30 .00	PILE HAMMERS, VIBRATORY	1.11	1.05	1.00												
P35 .00	PIPELAYERS	1.08	1.04	1.00	0.94	0.88	0.84									
P40 .00	PLATFORMS, AERIAL WORK	1.13	1.05	1.00	0.92											
P45 .00	PUMPS, GROUT	1.09	1.04	1.00	0.95											
P50 .00	PUMPS, WATER, CENTRIFUGAL, TRASH															
P50 .10	SKID MOUNTED															
P50 .11	ENGINE DRIVE	1.09	1.05	1.00	0.95											
P50 .12	ELECTRIC DRIVE	1.09	1.05	1.00	0.95											
P50 .20	WHEEL MOUNTED															
P50 .21	ENGINE DRIVE	1.09	1.05	1.00	0.95											
P50 .22	ELECTRIC DRIVE	1.09	1.05	1.00	0.95											
P55 .00	PUMPS, WATER, SUBMERSIBLE															
P55 .01	ENGINE DRIVE	1.09	1.04	1.00	0.95	0.92										
P55 .02	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92										
P60 .00	PUMPS, WATER, CENTRIF, DEWATERING															
P60 .10	SKID MOUNTED															
P60 .11	ENGINE DRIVE	1.09	1.05	1.00	0.95											
P60 .12	ELECTRIC DRIVE	1.09	1.05	1.00	0.95											
P60 .20	WHEEL MOUNTED															
P60 .21	ENGINE DRIVE	1.09	1.05	1.00	0.95											
P60 .22	ELECTRIC DRIVE	1.09	1.05	1.00	0.95											
P65 .00	PUMPS, WATER, DIAPHRAGM															
P65 .10	SKID MOUNTED															
P65 .11	ENGINE DRIVE	1.09	1.05	1.00	0.95											
P65 .12	ELECTRIC DRIVE	1.09	1.05	1.00	0.95											
P65 .20	WHEEL MOUNTED															
P65 .21	ENGINE DRIVE	1.09	1.05	1.00	0.95											
P65 .22	ELECTRIC DRIVE	1.09	1.05	1.00	0.95											
P70 .00	PUMPS, WATER (FOR CORE DRILLS)															
P70 .01	ENGINE DRIVE	1.09	1.05	1.00	0.95											
P70 .02	ELECTRIC DRIVE	1.09	1.05	1.00	0.95											
R10 .00	RIPPERS & HYDRAULIC BANK SLOPERS	1.08	1.04	1.00	0.94											

TABLE 3-3. EQUIPMENT AGE ADJUSTMENT FACTORS FOR STANDBY COSTS

CATEGORY	SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW														
			1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
R15 .00		ROLLERS, TOWED - PNEUMATIC	1.06	1.03	1.00	0.98	0.93										
R20 .00		ROLLERS, TOWED - STEEL DRUM	1.06	1.03	1.00	0.98	0.93										
R30 .00		ROLLERS, STATIC, SELF-PROPELLED															
R30 .01		PNEUMATIC	1.06	1.03	1.00	0.98											
R30 .02		SMOOTH DRUM	1.06	1.03	1.00	0.98	0.93										
R30 .03		TAMPING FOOT	1.06	1.03	1.00	0.98	0.93										
R40 .00		ROLLERS, VIBRATORY, TOWED	1.06	1.03	1.00	0.98											
R45 .00		ROLLERS, VIBRATORY, DOUBLE DRUM,	1.06	1.03	1.00	0.98											
R50 .00		ROLLERS, VIBRATORY, SINGLE DRUM	1.06	1.03	1.00	0.98											
R55 .00		ROOFING EQUIPMENT	1.09	1.04	1.00												
S10 .00		SCRAPERS, ELEVATING															
S10 .01		0 THRU 200 HP	1.07	1.04	1.00	0.95	0.92										
S10 .02		OVER 200 HP	1.07	1.04	1.00	0.95	0.92										
S15 .00		SCRAPERS, CONVENTIONAL	1.07	1.04	1.00	0.95	0.92										
S20 .00		SCRAPERS, TANDEM POWERED	1.07	1.04	1.00	0.95	0.92										
S25 .00		SCRAPERS, TRACTOR DRAWN	1.07	1.04	1.00	0.95	0.92	0.88									
S30 .00		SCREENING PLANTS															
S35 .00		SNOW REMOVAL EQUIPMENT	1.09	1.04	1.00	0.95											
S40 .00		SOIL STABILIZERS	1.07	1.04	1.00	0.95	0.92										
S45 .00		SPLITTERS, ROCK & CONCRETE	1.09	1.05	1.00												
T10 .00		TRACTOR BLADES & ATTACHMENTS	1.08	1.04	1.00	0.94	0.88										
T15 .00		TRACTORS, CRAWLER (DOZER)															
T15 .01		0 THRU 225 HP	1.08	1.04	1.00	0.94	0.87										
T15 .02		226 HP THRU 425 HP	1.08	1.04	1.00	0.94	0.88										
T15 .03		OVER 425 HP	1.07	1.04	1.00	0.94	0.88	0.85									
T20 .00		TRACTORS, WHEEL TYPE (DOZER)	1.06	1.03	1.00	0.98	0.96										
T25 .00		TRACTORS, WHEEL TYPE (FARM)	1.06	1.03	1.00	0.98											
T30 .00		TRENCHERS, CHAIN	1.08	1.04	1.00	0.98											
T35 .00		TRENCHERS, WHEEL TYPE	1.08	1.03	1.00	0.98	0.96										
T40 .00		TRUCK OPTIONS, (ADD TRUCK)															
T40 .10		CRANES, HYDRAULIC	1.09	1.04	1.00	0.95											
T40 .20		DUMP BODY, REAR	1.09	1.04	1.00	0.95											
T40 .30		FLATBEDS, W/ CONT. SIDES	1.09	1.04	1.00	0.95											
T40 .40		HOIST															
T40 .41		ELECTRIC DRIVE	1.09	1.04	1.00	0.95											
T40 .50		TRANSIT MIXERS	1.09	1.04	1.00	0.95											
T40 .60		WATER TANKS	1.09	1.04	1.00	0.95											
T40 .70		ALL OTHER OPTIONS	1.09	1.04	1.00	0.95											
T45 .00		TRUCK TRAILERS,															

TABLE 3-3. EQUIPMENT AGE ADJUSTMENT FACTORS FOR STANDBY COSTS

CATEGORY SUB	TYPE OF EQUIPMENT	YEAR PURCHASED NEW													
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
T45 .10	BOTTOM DUMP	1.09	1.04	1.00	0.95	0.92									
T45 .20	END DUMP	1.09	1.04	1.00	0.95	0.92									
T45 .30	PUP TRAILER	1.09	1.04	1.00	0.95										
T45 .40	LOWBOY (EQUIPMENT HAULING)														
T45 .41	RIGID NECK, DROP DECK	1.09	1.05	1.00	0.95	0.92									
T45 .50	PLATFORM TRAILER	1.09	1.05	1.00	0.95	0.92									
T45 .60	TIILT TRAILER	1.09	1.05	1.00	0.95	0.92									
T45 .70	WATER TANKER TRAILER	1.09	1.05	1.00	0.95	0.92									
T45 .80	DECONTAMINATION FACILITY	1.10	1.05	1.00	0.94										
T50 .00	TRUCKS, HIGHWAY														
T50 .01	0 THRU 10,000 GVW	1.06	1.02	1.00											
T50 .02	OVER 10,000 THRU 30,000 GVW	1.06	1.02	1.00	0.96										
T50 .03	OVER 30,000 GVW	1.06	1.02	1.00	0.96										
T55 .00	TRUCKS, OFF-HIGHWAY	1.12	1.05	1.00	0.92	0.88	0.86								
T60 .00	TRUCKS, WATER, OFF-HIGHWAY	1.12	1.05	1.00	0.92	0.88	0.86								
T65 .00	TUNNEL MINING MACHINES														
W10 .00	WAGONS, BOTTOM DUMP	1.12	1.05	1.00	0.92	0.88	0.86								
W15 .00	WAGONS, REAR DUMP	1.12	1.05	1.00	0.92	0.88	0.86								
W25 .00	WATER BLASTERS														
W25 .10	LOW PRESSURE, (< 5,000 PSI)	1.10													
W25 .20	HIGH PRESSURE, (>= 5,000 PSI)	1.09	1.05	1.00											
W25 .30	STEAM CLEANERS	1.10													
W30 .00	WATER TANKS														
W30 .10	PORTABLE W/ WHEELS	1.12	1.05	1.00	0.92	0.88	0.86								
W30 .20	SKID MOUNTED	1.12	1.05	1.00	0.92	0.88	0.86								
W35 .00	WELDERS														
W35 .10	GASOLINE OR DIESEL DRIVE	1.10	1.05	1.00	0.94										
W35 .20	ELECTRICAL														
W35 .21	ELECTRIC DRIVE	1.10	1.05	1.00											
W35 .22	MIG	1.10	1.05	1.00											
W35 .23	RECTIFIER	1.10	1.05	1.00											
W35 .24	TRANSFORMER	1.10	1.05	1.00											

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TABLE 3-4. SHIFT ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

REGION XI

The "Shift Adjustment Factors" in TABLE 3-4 are used when the working hours per week are greater than 40 hours per week. The factors given in TABLE 3-4 are multiplied by the adjusted hourly ownership cost (if adjusted for age) and result in an ownership rate adjusted for working hours other than 40 hours per week.

Example: Assume that the truck crane in Example A of TABLE 3-2 is to be worked 10 hours per day, 6 days per week. The total hourly rate for this piece of equipment (Service Life = 16,000 Hrs.) can be determined as follows:

$$\text{Total Hourly Rate (adjusted for age)} \quad = \quad \$50.20/\text{Hr}$$

$$\text{Ownership Rate (adjusted for age)} \quad (-) \quad \$25.20/\text{Hr}$$

Ownership Adjusted for Work Hours

$$(\text{Ownership Rate}) \times (\text{Work Hr Adjustment Factor}) \\ = (\$25.20) \times (.89) \quad = (+) \quad \$22.43/\text{Hr}$$

$$\text{Adjusted Total Hourly Rate} \quad = \quad \$47.43/\text{Hr}$$

TABLE 3-4. SHIFT ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

Service Life From APP. D	EQUIPMENT USEAGE - HOURS PER WEEK												
	40	45	48	54	60	66	72	80	90	100	110	120	140
3,500	1.00	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91
4,000	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90
5,000	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.90	0.89
5,500	1.00	0.98	0.97	0.96	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88
6,000	1.00	0.98	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87
6,500	1.00	0.98	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87
7,000	1.00	0.98	0.97	0.95	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86
8,000	1.00	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85
9,000	1.00	0.97	0.96	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83
10,000	1.00	0.97	0.96	0.93	0.92	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82
11,000	1.00	0.97	0.96	0.93	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81
12,000	1.00	0.97	0.95	0.93	0.90	0.89	0.87	0.86	0.84	0.83	0.82	0.81	0.80
13,000	1.00	0.97	0.95	0.92	0.90	0.88	0.87	0.85	0.83	0.82	0.81	0.80	0.79
14,000	1.00	0.96	0.95	0.92	0.89	0.88	0.86	0.84	0.82	0.81	0.80	0.79	0.77
15,000	1.00	0.96	0.95	0.91	0.89	0.87	0.85	0.84	0.82	0.80	0.79	0.78	0.76
16,000	1.00	0.96	0.94	0.91	0.89	0.87	0.85	0.83	0.81	0.79	0.78	0.77	0.76
18,000	1.00	0.96	0.94	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.77	0.75	0.74
20,000	1.00	0.96	0.93	0.90	0.87	0.85	0.83	0.80	0.78	0.77	0.75	0.74	0.72
22,000	1.00	0.95	0.93	0.89	0.86	0.84	0.82	0.79	0.77	0.75	0.74	0.72	0.71
50,000	1.00	0.93	0.90	0.84	0.80	0.76	0.73	0.70	0.66	0.63	0.61	0.59	0.57

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
A10	A10ET001	5.39	1.91	4.85	1.16	0.26	0.04	4.14	17.75							
	A10ET002	5.62	1.99	6.06	1.46	0.26	0.04	4.32	19.75							
	A10ET003	6.12	2.16	4.85	1.16	0.26	0.04	4.71	19.30							
	A10ET004	6.37	2.24	6.06	1.46	0.26	0.04	4.89	21.32							
	A10RS001	4.95	1.75	4.85	1.16	0.26	0.04	3.81	16.82							
	A10RS002	5.05	1.79	4.85	1.16	0.26	0.04	3.88	17.03							
	A10AR001	0.37	0.08	0.00	0.00	0.00	0.00	0.23	0.68							
	A10AR002	0.73	0.16	0.00	0.00	0.00	0.00	0.45	1.34							
A15	A15XX001	0.91	0.36	4.69	1.50	0.03	0.00	0.79	8.28							
	A15XX002	1.10	0.43	1.44	0.40	0.03	0.00	0.95	4.35							
	A15XX003	1.12	0.44	6.10	1.95	0.03	0.00	0.96	10.60							
	A15XX004	1.19	0.47	2.09	0.59	0.03	0.00	1.03	5.40							
	A15XX005	1.23	0.48	6.57	2.10	0.03	0.00	1.05	11.46							
	A15XX006	1.39	0.55	2.67	0.75	0.03	0.00	1.20	6.59							
	A15XX007	1.27	0.50	6.57	2.10	0.03	0.00	1.09	11.56							
	A15XX008	1.50	0.59	3.08	0.86	0.03	0.00	1.28	7.34							
	A15XX009	2.10	0.82	3.90	1.09	0.04	0.01	1.80	9.76							
	A15XX010	2.71	1.09	4.60	1.29	0.16	0.02	2.34	12.21							
	A15XX011	3.89	1.54	6.16	1.72	0.16	0.02	3.35	16.84							
	A15XX012	4.33	1.72	8.21	2.30	0.19	0.03	3.73	20.51							
	A15XX013	5.03	1.99	9.85	2.76	0.19	0.03	4.32	24.17							
	A15XX014	5.66	2.24	10.67	2.99	0.19	0.03	4.86	26.64							
	A15XX015	8.03	3.16	13.34	3.73	0.19	0.03	6.89	35.37							
	A15XX016	8.98	3.54	16.21	4.54	0.23	0.03	7.71	41.24							
	A15XX017	9.43	3.71	18.71	5.24	0.23	0.03	8.09	45.44							
A20	A20XX001	0.13	0.02	0.00	0.00	0.00	0.00	0.18	0.33							
	A20XX002	0.14	0.02	0.00	0.00	0.00	0.00	0.20	0.36							
	A20XX003	0.17	0.02	0.00	0.00	0.00	0.00	0.24	0.43							
	A20XX004	0.20	0.02	0.00	0.00	0.00	0.00	0.28	0.50							
	A20XX005	0.28	0.03	0.00	0.00	0.00	0.00	0.40	0.71							
	A20XX006	0.34	0.04	0.00	0.00	0.00	0.00	0.47	0.85							
	A20XX007	0.70	0.09	0.00	0.00	0.00	0.00	0.97	1.76							
	A20XX008	1.05	0.13	0.00	0.00	0.00	0.00	1.47	2.65							
	A20XX009	0.04	0.01	0.00	0.00	0.00	0.00	0.06	0.11							
	A20XX010	0.05	0.01	0.00	0.00	0.00	0.00	0.06	0.12							
	A20XX011	0.11	0.01	0.00	0.00	0.00	0.00	0.15	0.27							
	A20XX012	0.14	0.02	0.00	0.00	0.00	0.00	0.20	0.36							
	A20XX013	0.17	0.02	0.00	0.00	0.00	0.00	0.23	0.42							
	A20XX014	0.25	0.03	0.00	0.00	0.00	0.00	0.34	0.62							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
A20	A20XX015	0.32	0.04	0.00	0.00	0.00	0.00	0.45	0.81							
	A20XX016	0.46	0.06	0.00	0.00	0.00	0.00	0.65	1.17							
	A20XX017	0.10	0.01	0.00	0.00	0.00	0.00	0.16	0.27							
	A20XX018	0.14	0.02	0.00	0.00	0.00	0.00	0.22	0.38							
	A20XX019	0.18	0.02	0.00	0.00	0.00	0.00	0.27	0.47							
	A20XX020	0.22	0.03	0.00	0.00	0.00	0.00	0.34	0.59							
	A20CM001	0.33	0.05	0.00	0.06	0.00	0.00	0.52	0.96							
	A20CM002	0.58	0.09	0.00	0.06	0.00	0.00	0.92	1.65							
	A20CM003	0.63	0.10	0.00	0.06	0.00	0.00	1.01	1.80							
	A20CM004	0.86	0.14	0.00	0.13	0.00	0.00	1.36	2.49							
	A20CM005	2.26	0.36	0.00	0.13	0.00	0.00	3.59	6.34							
	A20CM006	2.59	0.43	0.00	0.28	0.07	0.01	4.15	7.53							
	A20CM007	3.20	0.54	0.00	0.41	0.11	0.02	5.15	9.43							
	A20CM008	3.22	0.56	0.00	0.51	0.23	0.03	5.22	9.77							
	A20CM009	1.91	0.31	0.00	0.30	0.00	0.00	3.05	5.57							
	A20GD001	0.15	0.02	0.00	0.06	0.00	0.00	0.24	0.47							
	A20GD002	0.36	0.06	0.00	0.11	0.00	0.00	0.57	1.10							
	A20GD003	0.38	0.06	0.00	0.11	0.00	0.00	0.60	1.15							
	A20GD004	0.18	0.03	0.00	0.06	0.00	0.00	0.29	0.56							
	A20GD005	0.20	0.03	0.00	0.06	0.00	0.00	0.32	0.61							
	A20GD006	0.69	0.11	0.00	0.13	0.00	0.00	1.10	2.03							
	A20WC001	0.21	0.03	0.00	0.11	0.00	0.00	0.34	0.69							
	A20WC002	0.28	0.05	0.22	0.24	0.00	0.00	0.45	1.24							
	A20WC003	0.70	0.11	0.38	0.12	0.00	0.00	1.12	2.43							
	A20WC004	0.72	0.11	0.38	0.12	0.00	0.00	1.14	2.47							
A25	A25RS001	3.06	0.87	4.69	1.50	0.00	0.00	2.65	12.77							
	A25RS002	3.25	0.92	0.00	1.50	0.00	0.00	2.82	8.49							
	A25RS003	3.16	0.89	4.69	1.50	0.00	0.00	2.74	12.98							
	A25RS004	3.37	0.95	0.00	1.60	0.00	0.00	2.92	8.84							
	A25RS005	3.44	0.97	4.69	1.50	0.00	0.00	2.98	13.58							
	A25RS006	3.64	1.03	0.00	1.70	0.00	0.00	3.15	9.52							
	A25RS007	3.74	1.06	4.69	1.50	0.00	0.00	3.24	14.23							
	A25RS008	4.19	1.19	0.00	1.80	0.00	0.00	3.63	10.81							
A30	A30BG001	11.02	3.87	3.20	0.90	0.45	0.07	11.28	30.79							
	A30BG002	12.46	4.44	4.31	1.21	0.94	0.14	12.80	36.30							
	A30BG003	13.94	5.05	5.83	1.63	1.51	0.23	14.37	42.56							
	A30BG004	13.06	4.52	4.31	1.21	0.00	0.00	13.32	36.42							
	A30BG005	15.58	5.39	4.31	1.21	0.00	0.00	15.90	42.39							
	A30BG006	17.76	6.14	5.83	1.63	0.00	0.00	18.12	49.48							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID.	NO.	AVERAGE CONDITIONS						SEVERE CONDITIONS								
			DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
A30	A30BK001		4.38	1.55	0.94	0.26	0.21	0.03	4.49	11.86							
	A30BK002		6.87	2.41	1.81	0.51	0.21	0.03	7.03	18.87							
	A30BK003		10.47	3.74	2.95	0.83	0.85	0.13	10.76	29.73							
	A30BK004		11.32	4.04	3.57	1.00	0.85	0.13	11.63	32.54							
	A30BK005		13.98	5.00	4.39	1.23	1.14	0.17	14.37	40.28							
	A30BK006		17.34	6.22	6.07	1.70	1.57	0.24	17.83	50.97							
	A30BK007		13.65	4.72	4.23	1.18	0.00	0.00	13.93	37.71							
	A30BK008		16.14	5.58	4.92	1.38	0.00	0.00	16.47	44.49							
	A30CA001		3.16	1.09	1.44	0.40	0.00	0.00	3.23	9.32							
	A30CA002		11.90	4.24	4.19	1.17	0.88	0.13	12.22	34.73							
	A30CA003		14.51	5.20	5.95	1.67	1.25	0.19	14.92	43.69							
	A30LA001		1.60	0.57	1.31	0.92	0.11	0.02	1.32	5.85							
	A30LA002		2.17	0.77	1.31	0.92	0.11	0.02	1.78	7.08							
A35	A35AE001		0.39	0.09	0.00	1.00	0.02	0.00	0.33	1.83							
	A35AE002		0.44	0.10	0.00	1.25	0.02	0.00	0.36	2.17							
	A35AE003		0.56	0.13	0.00	1.35	0.03	0.00	0.46	2.53							
	A35AE004		0.72	0.16	0.00	1.55	0.03	0.00	0.59	3.05							
	A35AE005		0.83	0.20	0.00	2.00	0.08	0.01	0.69	3.81							
	A35RS001		0.56	0.13	0.00	1.20	0.02	0.00	0.46	2.37							
	A35RS002		0.68	0.15	0.00	1.50	0.02	0.00	0.56	2.91							
A40	A40CA001		5.64	2.01	3.16	0.88	0.42	0.06	5.80	17.97							
	A40CA002		9.64	3.39	3.69	1.03	0.42	0.06	9.87	28.10							
	A40CA003		20.47	7.08	11.08	3.10	0.00	0.00	20.89	62.62							
	A40CA004		26.36	9.11	18.47	5.17	0.00	0.00	26.90	86.01							
	A40CA005		36.57	12.64	30.78	8.62	0.00	0.00	37.31	125.92							
	A40CA006		46.39	16.04	30.78	8.62	0.00	0.00	47.33	149.16							
	A40IN001		7.87	2.75	5.01	1.40	0.20	0.03	8.05	25.31							
	A40IN002		8.25	2.88	5.01	1.40	0.20	0.03	8.44	26.21							
	A40IN003		10.19	3.55	5.75	1.61	0.20	0.03	10.42	31.75							
	A40IN004		20.06	6.97	16.42	4.60	0.20	0.03	20.49	68.77							
	A40IN005		23.79	8.23	16.42	4.60	0.00	0.00	24.28	77.32							
	A40IN006		30.25	10.46	21.55	6.03	0.00	0.00	30.86	99.15							
A45	A45AE001		0.76	0.22	0.00	1.50	0.02	0.00	0.70	3.20							
	A45AE002		1.36	0.39	0.00	2.50	0.02	0.00	1.25	5.52							
	A45AE003		1.61	0.46	0.00	3.00	0.02	0.00	1.48	6.57							
	A45SE001		0.97	0.28	1.69	1.54	0.04	0.01	0.90	5.43							
	A45SE002		1.33	0.38	1.88	1.85	0.04	0.01	1.23	6.72							
	A45SE003		1.87	0.55	2.81	2.90	0.16	0.02	1.74	10.05							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
A45	A45SE004	1.44	0.44	0.00	0.50	0.16	0.02	1.34	3.90								
B15	B15AB001	3.09	0.90	3.12	0.87	0.13	0.02	2.60	10.73								
	B15IG001	2.33	0.70	3.12	0.87	0.23	0.03	1.97	9.25								
	B15MB001	0.38	0.11	0.00	0.10	0.00	0.00	0.32	0.91								
	B15MB002	0.64	0.18	0.00	0.14	0.00	0.00	0.54	1.50								
	B15MB003	0.67	0.20	0.00	0.24	0.05	0.01	0.56	1.73								
	B15MB004	0.76	0.23	1.69	0.41	0.05	0.01	0.64	3.79								
	B15RS001	2.38	0.69	3.12	0.87	0.09	0.01	2.00	9.16								
	B15RS002	2.17	0.62	0.00	0.50	0.00	0.00	1.82	5.11								
	B15RS003	2.37	0.68	0.00	0.60	0.00	0.00	1.99	5.64								
	B15RS004	2.51	0.72	0.00	0.70	0.00	0.00	2.10	6.03								
B20	B20CI001	0.47	0.14	1.69	0.54	0.02	0.00	0.44	3.30								
	B20CI002	0.93	0.27	2.81	0.90	0.02	0.00	0.87	5.80								
	B20CI003	1.15	0.34	5.63	1.80	0.03	0.00	1.09	10.04								
	B20CI004	1.32	0.38	3.12	0.87	0.03	0.00	1.24	6.96								
	B20CI005	0.88	0.26	3.47	1.11	0.03	0.00	0.83	6.58								
	B20CI006	1.35	0.39	3.12	0.87	0.03	0.00	1.27	7.03								
	B20CI007	1.39	0.40	3.12	0.87	0.04	0.01	1.32	7.15								
	B20VE001	1.38	0.40	9.29	2.97	0.03	0.00	1.30	15.37								
	B20VE002	1.89	0.55	9.00	2.88	0.05	0.01	1.79	16.17								
B25	B25ES001	1.01	0.32	0.00	0.00	0.00	0.00	0.71	2.04	1.26	0.33	0.00	0.00	0.00	0.00	1.01	2.60
	B25ES002	1.08	0.34	0.00	0.00	0.00	0.00	0.76	2.18	1.35	0.35	0.00	0.00	0.00	0.00	1.08	2.78
	B25ES003	1.18	0.37	0.00	0.00	0.00	0.00	0.83	2.38	1.47	0.38	0.00	0.00	0.00	0.00	1.19	3.04
	B25ES004	1.27	0.40	0.00	0.00	0.00	0.00	0.89	2.56	1.58	0.41	0.00	0.00	0.00	0.00	1.27	3.26
	B25ES005	1.36	0.43	0.00	0.00	0.00	0.00	0.96	2.75	1.70	0.44	0.00	0.00	0.00	0.00	1.37	3.51
	B25ES006	1.82	0.58	0.00	0.00	0.00	0.00	1.28	3.68	2.27	0.59	0.00	0.00	0.00	0.00	1.83	4.69
	B25ES007	2.00	0.63	0.00	0.00	0.00	0.00	1.41	4.04	2.50	0.65	0.00	0.00	0.00	0.00	2.01	5.16
	B25ES008	2.11	0.67	0.00	0.00	0.00	0.00	1.48	4.26	2.64	0.69	0.00	0.00	0.00	0.00	2.12	5.45
	B25ES009	2.75	0.87	0.00	0.00	0.00	0.00	1.93	5.55	3.43	0.89	0.00	0.00	0.00	0.00	2.76	7.08
	B25ES010	2.91	0.92	0.00	0.00	0.00	0.00	2.05	5.88	3.64	0.95	0.00	0.00	0.00	0.00	2.93	7.52
	B25ES011	3.15	1.00	0.00	0.00	0.00	0.00	2.22	6.37	3.93	1.03	0.00	0.00	0.00	0.00	3.17	8.13
	B25ES012	3.46	1.10	0.00	0.00	0.00	0.00	2.44	7.00	4.33	1.13	0.00	0.00	0.00	0.00	3.48	8.94
	B25ES013	3.75	1.19	0.00	0.00	0.00	0.00	2.64	7.58	4.69	1.22	0.00	0.00	0.00	0.00	3.77	9.68
	B25ES014	3.98	1.26	0.00	0.00	0.00	0.00	2.80	8.04	4.98	1.30	0.00	0.00	0.00	0.00	4.01	10.29
	B25ES015	4.39	1.39	0.00	0.00	0.00	0.00	3.09	8.87	5.48	1.43	0.00	0.00	0.00	0.00	4.41	11.32
	B25ES016	4.56	1.45	0.00	0.00	0.00	0.00	3.21	9.22	5.70	1.48	0.00	0.00	0.00	0.00	4.58	11.76
	B25ES017	4.80	1.52	0.00	0.00	0.00	0.00	3.38	9.70	6.00	1.56	0.00	0.00	0.00	0.00	4.83	12.39
	B25ES018	5.04	1.60	0.00	0.00	0.00	0.00	3.54	10.18	6.29	1.64	0.00	0.00	0.00	0.00	5.06	12.99

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
B25	B25ES019	5.22	1.66	0.00	0.00	0.00	0.00	3.68	10.56	6.53	1.70	0.00	0.00	0.00	0.00	5.25	13.48
	B25ES020	1.04	0.33	0.00	0.00	0.00	0.00	0.73	2.10	1.30	0.34	0.00	0.00	0.00	0.00	1.05	2.69
	B25ES021	1.11	0.35	0.00	0.00	0.00	0.00	0.78	2.24	1.39	0.36	0.00	0.00	0.00	0.00	1.12	2.87
	B25ES022	1.53	0.48	0.00	0.00	0.00	0.00	1.07	3.08	1.91	0.50	0.00	0.00	0.00	0.00	1.54	3.95
	B25ES023	1.54	0.49	0.00	0.00	0.00	0.00	1.09	3.12	1.93	0.50	0.00	0.00	0.00	0.00	1.55	3.98
	B25ES024	1.64	0.52	0.00	0.00	0.00	0.00	1.15	3.31	2.05	0.53	0.00	0.00	0.00	0.00	1.65	4.23
	B25ES025	2.23	0.71	0.00	0.00	0.00	0.00	1.57	4.51	2.79	0.73	0.00	0.00	0.00	0.00	2.25	5.77
	B25ES026	2.33	0.74	0.00	0.00	0.00	0.00	1.64	4.71	2.91	0.76	0.00	0.00	0.00	0.00	2.34	6.01
	B25ES027	2.41	0.77	0.00	0.00	0.00	0.00	1.70	4.88	3.01	0.79	0.00	0.00	0.00	0.00	2.43	6.23
	B25ES028	3.07	0.97	0.00	0.00	0.00	0.00	2.16	6.20	3.83	1.00	0.00	0.00	0.00	0.00	3.08	7.91
	B25ES029	3.35	1.06	0.00	0.00	0.00	0.00	2.36	6.77	4.19	1.09	0.00	0.00	0.00	0.00	3.37	8.65
	B25ES030	3.86	1.23	0.00	0.00	0.00	0.00	2.72	7.81	4.83	1.26	0.00	0.00	0.00	0.00	3.89	9.98
	B25ES031	4.11	1.30	0.00	0.00	0.00	0.00	2.89	8.30	5.14	1.34	0.00	0.00	0.00	0.00	4.13	10.61
	B25ES032	4.41	1.40	0.00	0.00	0.00	0.00	3.11	8.92	5.52	1.44	0.00	0.00	0.00	0.00	4.44	11.40
	B25ES033	4.83	1.53	0.00	0.00	0.00	0.00	3.40	9.76	6.04	1.57	0.00	0.00	0.00	0.00	4.86	12.47
	B25ES034	5.10	1.62	0.00	0.00	0.00	0.00	3.59	10.31	6.37	1.66	0.00	0.00	0.00	0.00	5.13	13.16
	B25ES035	5.35	1.70	0.00	0.00	0.00	0.00	3.76	10.81	6.68	1.74	0.00	0.00	0.00	0.00	5.38	13.80
	B25ES036	5.63	1.79	0.00	0.00	0.00	0.00	3.96	11.38	7.04	1.83	0.00	0.00	0.00	0.00	5.66	14.53
	B25ES037	5.87	1.86	0.00	0.00	0.00	0.00	4.13	11.86	7.33	1.91	0.00	0.00	0.00	0.00	5.90	15.14
	B25ES038	6.10	1.94	0.00	0.00	0.00	0.00	4.29	12.33	7.62	1.99	0.00	0.00	0.00	0.00	6.13	15.74
	B25ES039	1.25	0.40	0.00	0.00	0.00	0.00	0.88	2.53	1.57	0.41	0.00	0.00	0.00	0.00	1.26	3.24
	B25ES040	1.73	0.55	0.00	0.00	0.00	0.00	1.22	3.50	2.16	0.56	0.00	0.00	0.00	0.00	1.74	4.46
	B25ES041	1.80	0.57	0.00	0.00	0.00	0.00	1.26	3.63	2.24	0.58	0.00	0.00	0.00	0.00	1.81	4.63
	B25ES042	1.94	0.61	0.00	0.00	0.00	0.00	1.36	3.91	2.42	0.63	0.00	0.00	0.00	0.00	1.95	5.00
	B25ES043	2.54	0.81	0.00	0.00	0.00	0.00	1.79	5.14	3.18	0.83	0.00	0.00	0.00	0.00	2.56	6.57
	B25ES044	2.75	0.87	0.00	0.00	0.00	0.00	1.94	5.56	3.44	0.90	0.00	0.00	0.00	0.00	2.77	7.11
	B25ES045	3.10	0.98	0.00	0.00	0.00	0.00	2.18	6.26	3.87	1.01	0.00	0.00	0.00	0.00	3.11	7.99
	B25ES046	3.47	1.10	0.00	0.00	0.00	0.00	2.44	7.01	4.34	1.13	0.00	0.00	0.00	0.00	3.49	8.96
	B25ES047	3.87	1.23	0.00	0.00	0.00	0.00	2.72	7.82	4.83	1.26	0.00	0.00	0.00	0.00	3.89	9.98
	B25ES048	4.26	1.35	0.00	0.00	0.00	0.00	3.00	8.61	5.33	1.39	0.00	0.00	0.00	0.00	4.29	11.01
	B25ES049	4.52	1.43	0.00	0.00	0.00	0.00	3.18	9.13	5.64	1.47	0.00	0.00	0.00	0.00	4.54	11.65
	B25ES050	4.69	1.49	0.00	0.00	0.00	0.00	3.30	9.48	5.87	1.53	0.00	0.00	0.00	0.00	4.72	12.12
	B25ES051	5.07	1.61	0.00	0.00	0.00	0.00	3.57	10.25	6.34	1.65	0.00	0.00	0.00	0.00	5.10	13.09
	B25ES052	5.37	1.71	0.00	0.00	0.00	0.00	3.78	10.86	6.72	1.75	0.00	0.00	0.00	0.00	5.40	13.87
	B25ES053	5.65	1.79	0.00	0.00	0.00	0.00	3.98	11.42	7.06	1.84	0.00	0.00	0.00	0.00	5.68	14.58
	B25ES054	6.01	1.91	0.00	0.00	0.00	0.00	4.23	12.15	7.51	1.96	0.00	0.00	0.00	0.00	6.04	15.51
	B25ES055	6.22	1.98	0.00	0.00	0.00	0.00	4.38	12.58	7.78	2.03	0.00	0.00	0.00	0.00	6.26	16.07
	B25ES056	6.47	2.05	0.00	0.00	0.00	0.00	4.55	13.07	8.08	2.11	0.00	0.00	0.00	0.00	6.50	16.69
B30	B30GB001	0.15	0.05	0.00	0.00	0.00	0.00	0.11	0.31								
	B30GB002	0.20	0.07	0.00	0.00	0.00	0.00	0.15	0.42								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
B30	B30GB003	0.24	0.08	0.00	0.00	0.00	0.00	0.18	0.50							
	B30GB004	0.34	0.12	0.00	0.00	0.00	0.00	0.25	0.71							
	B30GB005	0.42	0.15	0.00	0.00	0.00	0.00	0.32	0.89							
	B30GB006	0.70	0.25	0.00	0.00	0.00	0.00	0.56	1.51							
	B30GB007	0.79	0.28	0.00	0.00	0.00	0.00	0.64	1.71							
	B30GB008	0.91	0.32	0.00	0.00	0.00	0.00	0.73	1.96							
	B30GB009	1.01	0.36	0.00	0.00	0.00	0.00	0.82	2.19							
	B30GB010	1.20	0.42	0.00	0.00	0.00	0.00	0.97	2.59							
	B30CR001	0.23	0.08	0.00	0.00	0.00	0.00	0.20	0.51							
	B30CR002	0.24	0.09	0.00	0.00	0.00	0.00	0.21	0.54							
	B30CR003	0.27	0.09	0.00	0.00	0.00	0.00	0.23	0.59							
	B30CR004	0.28	0.10	0.00	0.00	0.00	0.00	0.24	0.62							
	B30CR005	0.33	0.12	0.00	0.00	0.00	0.00	0.29	0.74							
	B30CR006	0.39	0.14	0.00	0.00	0.00	0.00	0.34	0.87							
	B30CR007	0.49	0.17	0.00	0.00	0.00	0.00	0.42	1.08							
	B30CR008	0.57	0.20	0.00	0.00	0.00	0.00	0.49	1.26							
	B30GB011	0.61	0.22	0.00	0.00	0.00	0.00	0.53	1.36							
	B30GB012	0.64	0.22	0.00	0.00	0.00	0.00	0.55	1.41							
	B30GB013	0.66	0.23	0.00	0.00	0.00	0.00	0.57	1.46							
	B30GB014	0.88	0.31	0.00	0.00	0.00	0.00	0.76	1.95							
	B30GB015	0.91	0.32	0.00	0.00	0.00	0.00	0.79	2.02							
	B30GB016	1.32	0.47	0.00	0.00	0.00	0.00	1.14	2.93							
	B30GB017	1.58	0.56	0.00	0.00	0.00	0.00	1.36	3.50							
B35	B35HE001	0.45	0.12	0.00	0.00	0.00	0.00	0.32	0.89	0.55	0.12	0.00	0.00	0.00	0.44	1.11
	B35HE002	0.53	0.14	0.00	0.00	0.00	0.00	0.37	1.04	0.65	0.14	0.00	0.00	0.00	0.53	1.32
	B35HE003	0.65	0.17	0.00	0.00	0.00	0.00	0.46	1.28	0.80	0.18	0.00	0.00	0.00	0.65	1.63
	B35HE004	0.77	0.20	0.00	0.00	0.00	0.00	0.54	1.51	0.95	0.21	0.00	0.00	0.00	0.76	1.92
	B35HE005	0.91	0.24	0.00	0.00	0.00	0.00	0.64	1.79	1.11	0.24	0.00	0.00	0.00	0.90	2.25
	B35HE006	1.12	0.29	0.00	0.00	0.00	0.00	0.79	2.20	1.37	0.30	0.00	0.00	0.00	1.11	2.78
	B35HE007	1.23	0.32	0.00	0.00	0.00	0.00	0.87	2.42	1.52	0.33	0.00	0.00	0.00	1.22	3.07
	B35HE008	1.51	0.39	0.00	0.00	0.00	0.00	1.06	2.96	1.85	0.40	0.00	0.00	0.00	1.49	3.74
	B35HE009	1.57	0.41	0.00	0.00	0.00	0.00	1.10	3.08	1.93	0.42	0.00	0.00	0.00	1.55	3.90
	B35HE010	1.93	0.50	0.00	0.00	0.00	0.00	1.36	3.79	2.38	0.52	0.00	0.00	0.00	1.91	4.81
	B35HE011	2.09	0.55	0.00	0.00	0.00	0.00	1.47	4.11	2.58	0.56	0.00	0.00	0.00	2.07	5.21
	B35HE012	2.23	0.58	0.00	0.00	0.00	0.00	1.57	4.38	2.74	0.60	0.00	0.00	0.00	2.21	5.55
	B35HE013	2.54	0.66	0.00	0.00	0.00	0.00	1.79	4.99	3.12	0.68	0.00	0.00	0.00	2.51	6.31
	B35HE014	2.93	0.76	0.00	0.00	0.00	0.00	2.06	5.75	3.61	0.79	0.00	0.00	0.00	2.90	7.30
	B35HE015	3.19	0.83	0.00	0.00	0.00	0.00	2.24	6.26	3.92	0.85	0.00	0.00	0.00	3.15	7.92
	B35HE016	3.91	1.02	0.00	0.00	0.00	0.00	2.75	7.68	4.82	1.05	0.00	0.00	0.00	3.87	9.74
	B35HE017	4.50	1.17	0.00	0.00	0.00	0.00	3.17	8.84	5.54	1.21	0.00	0.00	0.00	4.45	11.20

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	
B35	B35SA001	1.12	0.29	0.00	0.00	0.00	0.00	0.79	2.20	1.38	0.30	0.00	0.00	0.00	0.00	1.11	2.79
	B35SA002	1.34	0.35	0.00	0.00	0.00	0.00	0.95	2.64	1.65	0.36	0.00	0.00	0.00	0.00	1.33	3.34
	B35SA003	1.68	0.44	0.00	0.00	0.00	0.00	1.18	3.30	2.06	0.45	0.00	0.00	0.00	0.00	1.66	4.17
	B35SA004	2.49	0.65	0.00	0.00	0.00	0.00	1.75	4.89	3.06	0.67	0.00	0.00	0.00	0.00	2.46	6.19
	B35SA005	3.01	0.79	0.00	0.00	0.00	0.00	2.12	5.92	3.71	0.81	0.00	0.00	0.00	0.00	2.99	7.51
	B35SA006	3.61	0.94	0.00	0.00	0.00	0.00	2.54	7.09	4.44	0.97	0.00	0.00	0.00	0.00	3.57	8.98
	B35SA007	3.96	1.03	0.00	0.00	0.00	0.00	2.79	7.78	4.87	1.06	0.00	0.00	0.00	0.00	3.92	9.85
	B35SA008	4.79	1.25	0.00	0.00	0.00	0.00	3.37	9.41	5.89	1.28	0.00	0.00	0.00	0.00	4.74	11.91
	B35SA009	5.67	1.48	0.00	0.00	0.00	0.00	3.99	11.14	6.98	1.52	0.00	0.00	0.00	0.00	5.61	14.11
	B35SA010	6.99	1.82	0.00	0.00	0.00	0.00	4.92	13.73	8.60	1.88	0.00	0.00	0.00	0.00	6.92	17.40
	B35HE018	0.44	0.13	0.00	0.00	0.00	0.00	0.31	0.88	0.56	0.13	0.00	0.00	0.00	0.00	0.45	1.14
	B35HE019	0.53	0.15	0.00	0.00	0.00	0.00	0.38	1.06	0.69	0.16	0.00	0.00	0.00	0.00	0.55	1.40
	B35HE020	0.66	0.19	0.00	0.00	0.00	0.00	0.47	1.32	0.85	0.20	0.00	0.00	0.00	0.00	0.68	1.73
	B35HE021	0.79	0.23	0.00	0.00	0.00	0.00	0.56	1.58	1.02	0.24	0.00	0.00	0.00	0.00	0.82	2.08
	B35HE022	0.91	0.26	0.00	0.00	0.00	0.00	0.64	1.81	1.17	0.27	0.00	0.00	0.00	0.00	0.94	2.38
	B35HE023	1.09	0.31	0.00	0.00	0.00	0.00	0.77	2.17	1.40	0.32	0.00	0.00	0.00	0.00	1.13	2.85
	B35HE024	1.20	0.35	0.00	0.00	0.00	0.00	0.85	2.40	1.55	0.36	0.00	0.00	0.00	0.00	1.24	3.15
	B35HE025	1.45	0.42	0.00	0.00	0.00	0.00	1.02	2.89	1.86	0.43	0.00	0.00	0.00	0.00	1.50	3.79
	B35HE026	1.55	0.45	0.00	0.00	0.00	0.00	1.09	3.09	1.99	0.46	0.00	0.00	0.00	0.00	1.60	4.05
	B35HE027	1.98	0.57	0.00	0.00	0.00	0.00	1.39	3.94	2.55	0.59	0.00	0.00	0.00	0.00	2.05	5.19
	B35HE028	2.05	0.59	0.00	0.00	0.00	0.00	1.44	4.08	2.63	0.61	0.00	0.00	0.00	0.00	2.12	5.36
	B35HE029	2.34	0.68	0.00	0.00	0.00	0.00	1.65	4.67	3.01	0.70	0.00	0.00	0.00	0.00	2.42	6.13
	B35HE030	2.57	0.74	0.00	0.00	0.00	0.00	1.81	5.12	3.31	0.77	0.00	0.00	0.00	0.00	2.66	6.74
	B35HE031	3.08	0.89	0.00	0.00	0.00	0.00	2.17	6.14	3.96	0.92	0.00	0.00	0.00	0.00	3.19	8.07
	B35HE032	3.28	0.95	0.00	0.00	0.00	0.00	2.31	6.54	4.22	0.98	0.00	0.00	0.00	0.00	3.40	8.60
	B35HE033	4.18	1.21	0.00	0.00	0.00	0.00	2.95	8.34	5.38	1.25	0.00	0.00	0.00	0.00	4.33	10.96
	B35HE034	4.86	1.40	0.00	0.00	0.00	0.00	3.42	9.68	6.25	1.45	0.00	0.00	0.00	0.00	5.03	12.73
	B35HE035	1.57	0.50	0.00	0.00	0.00	0.00	1.10	3.17	1.96	0.51	0.00	0.00	0.00	0.00	1.58	4.05
	B35HE036	1.63	0.52	0.00	0.00	0.00	0.00	1.15	3.30	2.04	0.53	0.00	0.00	0.00	0.00	1.64	4.21
	B35HE037	1.82	0.58	0.00	0.00	0.00	0.00	1.28	3.68	2.28	0.59	0.00	0.00	0.00	0.00	1.83	4.70
	B35HE038	2.44	0.77	0.00	0.00	0.00	0.00	1.72	4.93	3.05	0.80	0.00	0.00	0.00	0.00	2.46	6.31
	B35HE039	2.73	0.87	0.00	0.00	0.00	0.00	1.92	5.52	3.41	0.89	0.00	0.00	0.00	0.00	2.74	7.04
	B35HE040	2.82	0.89	0.00	0.00	0.00	0.00	1.98	5.69	3.52	0.92	0.00	0.00	0.00	0.00	2.83	7.27
	B35HE041	3.02	0.96	0.00	0.00	0.00	0.00	2.12	6.10	3.77	0.98	0.00	0.00	0.00	0.00	3.04	7.79
	B35HE042	4.02	1.28	0.00	0.00	0.00	0.00	2.83	8.13	5.02	1.31	0.00	0.00	0.00	0.00	4.04	10.37
	B35HE043	3.95	1.25	0.00	0.00	0.00	0.00	2.78	7.98	4.93	1.29	0.00	0.00	0.00	0.00	3.97	10.19
	B35HE044	5.02	1.59	0.00	0.00	0.00	0.00	3.54	10.15	6.28	1.64	0.00	0.00	0.00	0.00	5.05	12.97
	B35HE045	5.15	1.64	0.00	0.00	0.00	0.00	3.63	10.42	6.44	1.68	0.00	0.00	0.00	0.00	5.18	13.30
	B35HE046	6.13	1.95	0.00	0.00	0.00	0.00	4.31	12.39	7.66	2.00	0.00	0.00	0.00	0.00	6.16	15.82
	B35HE047	6.49	2.06	0.00	0.00	0.00	0.00	4.57	13.12	8.11	2.11	0.00	0.00	0.00	0.00	6.53	16.75

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TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
C05	C05H0001	0.15	0.02	0.39	0.62	0.00	0.00	0.37	1.55							
C10	C10B0001	0.39	0.07	0.39	0.09	0.00	0.00	0.48	1.42							
	C10B0002	0.46	0.09	0.39	0.09	0.00	0.00	0.58	1.61							
	C10B0003	0.22	0.04	0.52	0.12	0.00	0.00	0.28	1.18							
	C10B0004	0.28	0.05	0.52	0.12	0.00	0.00	0.35	1.32							
	C10B0005	0.62	0.12	0.23	0.05	0.00	0.00	0.77	1.79							
	C10B0006	0.88	0.17	0.65	0.16	0.00	0.00	1.10	2.96							
	C10B0007	1.05	0.20	0.29	0.07	0.00	0.00	1.32	2.93							
	C10B0008	1.58	0.30	0.40	0.10	0.00	0.00	1.99	4.37							
	C10B0009	1.46	0.28	0.29	0.07	0.00	0.00	1.83	3.93							
	C10B0010	1.88	0.36	0.23	0.05	0.00	0.00	2.35	4.87							
	C10B0011	2.34	0.45	0.46	0.11	0.00	0.00	2.94	6.30							
	C10B0012	2.95	0.56	0.74	0.18	0.00	0.00	3.70	8.13							
	C10H0001	0.37	0.07	0.52	0.12	0.00	0.00	0.47	1.55							
	C10H0002	0.42	0.08	0.52	0.12	0.00	0.00	0.52	1.66							
	C10H0003	0.37	0.07	0.65	0.16	0.00	0.00	0.47	1.72							
	C10WC001	0.33	0.06	0.52	0.12	0.00	0.00	0.42	1.45							
	C10WC002	0.43	0.08	0.52	0.12	0.00	0.00	0.55	1.70							
	C10WC003	0.57	0.11	0.52	0.12	0.00	0.00	0.72	2.04							
	C10WC004	0.68	0.13	0.52	0.12	0.00	0.00	0.85	2.30							
	C10WC005	0.25	0.05	0.52	0.12	0.00	0.00	0.31	1.25							
	C10WC006	0.44	0.08	0.91	0.22	0.00	0.00	0.55	2.20							
	C10WC007	1.22	0.23	0.91	0.22	0.00	0.00	1.53	4.11							
	C10WC008	1.89	0.36	0.34	0.08	0.00	0.00	2.37	5.04							
	C10WC009	3.60	0.69	0.80	0.19	0.00	0.00	4.52	9.80							
	C10WC010	1.55	0.30	1.43	0.34	0.00	0.00	1.95	5.57							
	C10WC011	2.23	0.43	0.46	0.11	0.00	0.00	2.80	6.03							
	C10WC012	2.54	0.49	0.46	0.11	0.00	0.00	3.19	6.79							
	C10WC013	5.12	0.98	0.68	0.16	0.00	0.00	6.43	13.37							
C15	C15BL001	0.92	0.20	0.00	0.50	0.00	0.00	0.87	2.49							
	C15BL002	1.78	0.40	0.00	0.70	0.00	0.00	1.67	4.55							
	C15BL003	3.60	0.80	0.00	1.50	0.00	0.00	3.39	9.29							
	C15BL004	5.08	1.13	0.00	1.75	0.00	0.00	4.78	12.74							
	C15BL005	6.55	1.46	0.00	2.00	0.00	0.00	6.16	16.17							
C20	C20AE001	0.38	0.07	0.50	0.16	0.00	0.00	0.27	1.38							
	C20MU001	0.88	0.18	0.81	0.26	0.08	0.01	0.65	2.87							
	C20MU002	1.10	0.22	1.11	0.35	0.08	0.01	0.81	3.68							
C25																

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
C25	C25ST001	0.27	0.05	0.81	0.26	0.00	0.00	0.22	1.61							
	C25ST002	0.29	0.05	0.81	0.26	0.00	0.00	0.24	1.65							
	C25WC001	0.25	0.05	0.50	0.16	0.00	0.00	0.21	1.17							
	C25WC002	0.33	0.06	0.81	0.26	0.00	0.00	0.28	1.74							
C35	C35AL001	1.93	0.46	1.31	0.42	0.08	0.01	1.71	5.92							
	C35AL002	2.26	0.55	2.18	0.70	0.16	0.02	2.00	7.87							
	C35AL003	1.16	0.28	0.00	0.19	0.08	0.01	1.03	2.75							
	C35AL004	2.47	0.58	0.00	0.31	0.04	0.01	2.18	5.59							
	C35AL005	2.65	0.62	0.86	0.24	0.04	0.01	2.34	6.76							
	C35AL006	2.98	0.69	0.86	0.24	0.04	0.01	2.63	7.45							
	C35AL007	1.50	0.35	0.00	0.25	0.00	0.00	1.32	3.42							
	C35AL008	1.63	0.37	0.00	0.30	0.00	0.00	1.43	3.73							
	C35AL009	1.79	0.41	0.00	0.40	0.00	0.00	1.58	4.18							
	C35AL010	4.36	1.01	1.92	0.54	0.03	0.00	3.84	11.70							
	C35AL011	4.93	1.14	3.21	0.90	0.03	0.00	4.35	14.56							
C40	C40ST001	0.24	0.05	0.12	0.26	0.00	0.00	0.20	0.87							
	C40ST002	0.27	0.05	0.50	0.16	0.00	0.00	0.22	1.20							
	C40ST003	0.38	0.07	0.12	0.31	0.00	0.00	0.32	1.20							
	C40ST004	0.43	0.08	0.81	0.26	0.00	0.00	0.36	1.94							
	C40ST005	0.48	0.09	0.24	0.42	0.00	0.00	0.40	1.63							
	C40ST006	0.49	0.09	0.81	0.26	0.00	0.00	0.41	2.06							
C45	C45CA001	12.82	4.43	6.80	1.90	0.00	0.00	13.08	39.03							
	C45CA002	21.25	7.35	9.96	2.79	0.00	0.00	21.68	63.03							
	C45CA003	36.10	12.48	11.97	3.35	0.00	0.00	36.84	100.74							
	C45CA004	42.75	14.78	19.15	5.36	0.00	0.00	43.62	125.66							
	C45GO001	2.75	0.96	4.91	1.57	0.04	0.01	2.81	13.05							
	C45GO002	4.81	1.66	4.91	1.57	0.00	0.00	4.91	17.86							
	C45GO003	9.98	3.45	5.12	1.43	0.00	0.00	10.18	30.16							
	C45GO004	13.56	4.69	8.86	2.48	0.00	0.00	13.83	43.42							
	C45GO005	18.34	6.34	12.69	3.55	0.00	0.00	18.71	59.63							
	C45GO006	29.52	10.21	11.20	3.14	0.00	0.00	30.12	84.19							
C55	C45GO007	34.54	11.94	11.20	3.14	0.00	0.00	35.24	96.06							
	C45GO008	43.30	14.97	21.74	6.09	0.00	0.00	44.18	130.28							
	C45GO009	49.20	17.01	21.74	6.09	0.00	0.00	50.20	144.24							
	C55MO001	2.06	0.54	4.12	1.32	0.03	0.00	2.02	10.09							
	C55MO002	3.71	0.96	4.41	1.23	0.03	0.00	3.63	13.97							
	C55MO003	4.39	1.14	6.65	1.86	0.03	0.00	4.30	18.37							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TIRE RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE
C55	C55M0004	4.66	1.21	6.65	1.86	0.03	0.00	4.56	18.97							
	C55M0005	10.41	2.72	9.67	2.71	0.19	0.03	10.20	35.93							
	C55M0006	11.60	3.03	12.69	3.55	0.19	0.03	11.37	42.46							
	C55M0007	17.38	4.54	12.69	3.55	0.35	0.05	17.03	55.59							
	C55M0008	19.74	5.18	12.69	3.55	0.61	0.09	19.37	61.23							
	C55M0009	25.25	6.60	16.31	4.57	0.61	0.09	24.75	78.18							
	C55M0010	26.36	6.89	16.31	4.57	0.61	0.09	25.84	80.67							
	C55M0011	27.81	7.27	16.31	4.57	0.61	0.09	27.26	83.92							
	C55M0012	28.89	7.55	16.31	4.57	0.61	0.09	28.32	86.34							
	C55SC001	5.38	1.40	4.11	1.15	0.03	0.00	5.27	17.34							
	C55SC002	12.23	3.19	10.69	2.99	0.16	0.02	11.99	41.27							
	C55SC003	17.38	4.52	12.87	3.60	0.16	0.02	17.02	55.57							
	C55SC004	22.20	5.75	21.39	5.99	0.08	0.01	21.73	77.15							
	C55SC005	21.36	5.62	14.69	4.11	0.75	0.11	20.96	67.60							
	C55SC006	28.66	7.51	14.69	4.11	0.78	0.12	28.10	83.97							
	C55SC007	34.30	9.00	16.09	4.51	1.05	0.16	33.65	98.76							
	C55SC008	43.43	11.37	16.09	4.51	1.09	0.16	42.58	119.23							
	C55SC009	55.57	14.51	24.49	6.86	1.09	0.16	54.46	157.14							
C60	C60FE001	0.12	0.03	0.13	0.04	0.00	0.00	0.12	0.44							
	C60FE002	0.14	0.03	0.26	0.08	0.00	0.00	0.15	0.66							
	C60FE003	0.36	0.08	1.43	0.46	0.00	0.00	0.37	2.70							
	C60FE004	0.74	0.16	2.60	0.83	0.00	0.00	0.77	5.10							
	C60FE005	0.75	0.17	2.60	0.83	0.00	0.00	0.79	5.14							
	C60H0001	0.21	0.05	1.04	0.33	0.00	0.00	0.22	1.85							
	C60H0002	0.26	0.06	1.82	0.58	0.00	0.00	0.27	2.99							
	C60LY001	1.42	0.32	1.30	0.42	0.00	0.00	1.49	4.95							
	C60LY002	1.58	0.35	4.56	1.46	0.00	0.00	1.65	9.60							
	C60LY003	0.17	0.04	1.04	0.33	0.00	0.00	0.18	1.76							
	C60LY004	0.22	0.05	1.43	0.46	0.00	0.00	0.23	2.39							
	C60LY005	0.22	0.05	1.43	0.46	0.00	0.00	0.23	2.39							
	C60LY006	0.24	0.05	0.77	0.34	0.00	0.00	0.25	1.65							
	C60LY007	0.82	0.18	2.34	0.75	0.00	0.00	0.86	4.95							
	C60LY008	1.01	0.22	4.56	1.46	0.00	0.00	1.05	8.30							
	C60LY009	1.90	0.42	8.46	2.71	0.00	0.00	1.99	15.48							
C65	C65MS001	0.18	0.03	0.00	0.06	0.00	0.00	0.48	0.75							
	C65MS002	0.23	0.04	0.00	0.08	0.00	0.00	0.61	0.96							
	C65MS003	0.25	0.04	0.00	0.10	0.00	0.00	0.67	1.06							
	C65MS004	0.28	0.05	0.00	0.13	0.00	0.00	0.75	1.21							
	C65MS005	0.44	0.07	0.00	0.15	0.00	0.00	1.16	1.82							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS						
		DEPR	CFC	FUEL	FOG	TIRE	TIRE	TOTAL	DEPR	CFC	FUEL	FOG	TIRE	TIRE	TOTAL
						WEAR	RPR								
C65	C65WC001	0.26	0.04	0.11	0.18	0.00	0.00	0.69	1.28						
	C65WC002	0.28	0.04	0.22	0.24	0.00	0.00	0.73	1.51						
C75	C75BA001	16.32	7.32	9.43	2.83	2.11	0.32	13.35	51.68						
	C75BA002	18.51	8.39	9.43	2.83	3.12	0.47	15.17	57.92						
	C75BD001	3.50	1.54	6.99	2.24	0.20	0.03	2.85	17.35						
	C75BD002	4.31	1.90	10.59	3.39	0.29	0.04	3.51	24.03						
	C75BD003	5.43	2.42	10.59	3.39	0.60	0.09	4.43	26.95						
	C75GV001	9.33	4.18	5.03	1.51	1.20	0.18	7.63	29.06						
	C75GV002	9.33	4.18	5.03	1.51	1.20	0.18	7.63	29.06						
	C75GV003	9.33	4.18	5.03	1.51	1.20	0.18	7.63	29.06						
	C75GV004	9.44	4.18	5.99	1.80	0.85	0.13	7.70	30.09						
	C75GV005	9.44	4.18	5.99	1.80	0.85	0.13	7.70	30.09						
	C75GV006	9.44	4.18	5.99	1.80	0.85	0.13	7.70	30.09						
	C75GV007	9.98	4.42	5.99	1.80	0.85	0.13	8.14	31.31						
	C75GV008	11.42	5.20	5.99	1.80	2.11	0.32	9.37	36.21						
	C75GV009	11.42	5.20	5.99	1.80	2.11	0.32	9.37	36.21						
	C75GV010	11.42	5.20	5.99	1.80	2.11	0.32	9.37	36.21						
	C75GV011	13.54	6.12	5.99	1.80	2.11	0.32	11.09	40.97						
	C75GV012	18.92	8.48	8.47	2.54	1.75	0.26	15.47	55.89						
	C75GV013	20.01	8.91	9.48	2.84	2.11	0.32	16.34	60.01						
	C75GV014	22.67	10.32	9.48	2.84	4.12	0.62	18.59	68.64						
	C75GV015	27.68	12.52	11.01	3.30	4.44	0.67	22.67	82.29						
	C75GV016	35.15	16.55	13.41	4.02	7.67	1.15	28.99	106.94						
	C75GV017	71.16	32.25	24.51	7.35	11.87	1.78	58.30	207.22						
C75	C75LO001	7.97	3.64	5.99	1.80	1.50	0.23	6.54	27.67						
	C75LO002	9.15	4.14	5.99	1.80	1.50	0.23	7.50	30.31						
	C75LO003	9.59	4.33	5.99	1.80	1.50	0.23	7.85	31.29						
	C75LO004	10.02	4.52	5.99	1.80	1.50	0.23	8.20	32.26						
	C75LO005	10.94	4.92	5.99	1.80	1.50	0.23	8.95	34.33						
	C75LO006	11.29	5.07	5.99	1.80	1.50	0.23	9.23	35.11						
	C75LO007	13.15	5.93	8.62	2.59	1.96	0.29	10.76	43.30						
	C75PH001	10.22	4.57	6.22	1.87	1.20	0.18	8.35	32.61						
	C75PH002	10.50	4.69	6.22	1.87	1.20	0.18	8.58	33.24						
C75	C75PH003	11.13	4.96	6.22	1.87	1.20	0.18	9.09	34.65						
	C75PH004	11.18	4.98	6.22	1.87	1.20	0.18	9.14	34.77						
	C75PH005	11.68	5.21	6.22	1.87	1.28	0.19	9.55	36.00						
	C75PH006	14.07	6.27	7.42	2.23	1.50	0.23	11.49	43.21						
	C75PH007	14.55	6.48	7.42	2.23	1.50	0.23	11.88	44.29						
	C75PH008	19.47	8.68	9.67	2.90	2.11	0.32	15.91	59.06						
	C75PH009	19.78	8.98	9.67	2.90	3.43	0.51	16.21	61.48						

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE		
C75	C75PH010	20.53	9.30	9.67	2.90	3.43	0.51	16.82	63.16								
	C75PH011	26.29	11.92	11.25	3.38	4.44	0.67	21.54	79.49								
	C75TD001	11.06	4.96	7.33	2.20	1.43	0.21	9.04	36.23								
	C75TD002	12.63	5.64	7.33	2.20	1.43	0.21	10.32	39.76								
	C75TD003	15.01	6.67	9.10	2.73	1.50	0.23	12.26	47.50								
	C75TD004	23.18	10.28	9.10	2.73	2.11	0.32	18.92	66.64								
	C75TD005	25.29	11.45	9.10	2.73	4.12	0.62	20.72	74.03								
C80	C80GV001	12.89	5.66	7.18	2.59	0.59	0.09	7.88	36.88	15.04	5.73	9.38	3.38	0.72	0.11	9.96	44.32
	C80LI001	14.29	6.28	8.21	2.95	0.69	0.10	8.74	41.26	16.67	6.36	10.72	3.86	0.85	0.13	11.04	49.63
	C80LI002	13.73	6.03	8.41	3.03	0.67	0.10	8.39	40.36	16.01	6.11	10.98	3.95	0.83	0.12	10.60	48.60
	C80PH001	14.00	6.14	8.62	3.10	0.66	0.10	8.56	41.18	16.33	6.22	11.25	4.05	0.81	0.12	10.81	49.59
	C80GV002	11.62	5.76	7.18	1.87	0.59	0.09	8.28	35.39	13.28	5.82	9.38	2.44	0.72	0.11	10.13	41.88
	C80GV003	12.40	6.15	7.18	1.87	0.63	0.09	8.84	37.16	14.18	6.22	9.38	2.44	0.78	0.12	10.82	43.94
	C80GV004	13.55	6.71	6.69	1.74	0.65	0.10	9.65	39.09	15.49	6.79	8.73	2.27	0.80	0.12	11.81	46.01
	C80GV005	16.65	8.28	8.41	2.19	1.02	0.15	11.87	48.57	19.03	8.38	10.98	2.86	1.25	0.19	14.53	57.22
	C80GV006	19.24	9.55	8.41	2.19	1.02	0.15	13.71	54.27	21.98	9.65	10.98	2.86	1.25	0.19	16.78	63.69
	C80GV007	22.41	11.10	10.30	2.68	1.06	0.16	15.96	63.67	25.61	11.23	13.45	3.50	1.29	0.19	19.54	74.81
	C80LI003	13.62	6.75	8.62	2.24	0.69	0.10	9.70	41.72	15.56	6.83	11.25	2.93	0.85	0.13	11.87	49.42
	C80LI004	14.30	7.08	8.62	2.24	0.69	0.10	10.19	43.22	16.34	7.16	11.25	2.93	0.85	0.13	12.47	51.13
	C80LI005	16.92	8.41	9.85	2.56	1.02	0.15	12.06	50.97	19.34	8.51	12.86	3.34	1.25	0.19	14.76	60.25
	C80LI006	18.53	9.21	9.85	2.56	1.06	0.16	13.21	54.58	21.18	9.31	12.86	3.34	1.29	0.19	16.16	64.33
	C80LI007	19.32	9.61	9.85	2.56	1.12	0.17	13.77	56.40	22.08	9.71	12.86	3.34	1.36	0.20	16.86	66.41
	C80PH002	13.33	6.57	8.62	2.24	0.43	0.06	9.49	40.74	15.24	6.65	11.25	2.93	0.52	0.08	11.62	48.29
	C80PH003	13.70	6.76	8.62	2.24	0.43	0.06	9.75	41.56	15.66	6.83	11.25	2.93	0.52	0.08	11.94	49.21
	C80PH004	17.56	8.73	9.23	2.40	1.02	0.15	12.52	51.61	20.07	8.83	12.06	3.13	1.25	0.19	15.32	60.85
	C80PH005	18.65	9.26	9.23	2.40	1.02	0.15	13.29	54.00	21.31	9.36	12.06	3.13	1.25	0.19	16.27	63.57
	C80PH006	19.31	9.58	9.23	2.40	1.02	0.15	13.76	55.45	22.07	9.69	12.06	3.13	1.25	0.19	16.84	65.23
	C80PH007	22.32	11.05	13.75	3.57	1.02	0.15	15.90	67.76	25.51	11.17	17.95	4.67	1.25	0.19	19.46	80.20
	C80GV008	21.49	12.08	10.30	2.68	2.30	0.35	17.55	66.75	24.17	12.16	13.45	3.50	2.79	0.42	20.97	77.46
	C80GV009	25.19	14.06	10.66	2.77	2.06	0.31	20.55	75.60	28.34	14.15	13.58	3.53	2.53	0.38	24.56	87.07
	C80GV010	25.46	14.26	10.62	2.76	2.51	0.38	20.78	76.77	28.64	14.35	13.52	3.52	3.10	0.47	24.83	88.43
	C80GV011	35.08	21.68	9.34	2.43	3.76	0.56	32.18	105.03	38.97	21.82	11.83	3.08	4.65	0.70	37.78	118.83
	C80GV012	42.67	26.26	9.79	2.54	3.76	0.56	39.12	124.70	47.41	26.43	12.35	3.21	4.65	0.70	45.92	140.67
C85	C85NO001	21.79	8.17	6.06	1.94	0.00	0.00	17.71	55.67	26.15	8.31	7.80	2.50	0.00	0.00	23.89	68.65
	C85PH001	12.36	4.63	2.97	0.95	0.00	0.00	10.04	30.95	14.83	4.71	3.82	1.22	0.00	0.00	13.55	38.13
	C85AM001	14.15	6.11	2.97	1.01	0.00	0.00	12.21	36.45	16.51	6.19	3.82	1.30	0.00	0.00	15.93	43.75
	C85AM002	19.57	8.45	3.99	1.36	0.00	0.00	16.89	50.26	22.83	8.56	5.13	1.74	0.00	0.00	22.04	60.30
	C85NO002	18.90	8.16	6.06	2.06	0.00	0.00	16.31	51.49	22.04	8.27	7.80	2.65	0.00	0.00	21.28	62.04
	C85NO003	22.24	9.61	7.60	2.58	0.00	0.00	19.19	61.22	25.94	9.73	9.77	3.32	0.00	0.00	25.04	73.80

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	
C85	C85N0004	31.29	13.52	7.60	2.58	0.00	0.00	27.01	82.00	36.51	13.69	9.77	3.32	0.00	0.00	35.24	98.53
	C85PH002	23.23	10.04	4.15	1.41	0.00	0.00	20.05	58.88	27.11	10.16	5.34	1.81	0.00	0.00	26.16	70.58
	C85AM003	40.28	19.67	8.91	1.96	0.00	0.00	38.88	109.70	46.03	19.89	11.45	2.52	0.00	0.00	49.07	128.96
	C85MA001	30.63	14.96	9.16	2.02	0.00	0.00	29.56	86.33	35.01	15.12	11.78	2.59	0.00	0.00	37.32	101.82
	C85MA002	51.51	25.15	11.49	2.53	0.00	0.00	49.72	140.40	58.87	25.43	14.77	3.25	0.00	0.00	62.76	165.08
	C85N0005	32.22	15.73	7.60	1.67	0.00	0.00	31.10	88.32	36.83	15.91	9.77	2.15	0.00	0.00	39.26	103.92
	C85N0006	30.58	14.93	9.70	2.13	0.00	0.00	29.51	86.85	34.95	15.10	12.48	2.74	0.00	0.00	37.26	102.53
	C85PH003	32.91	16.07	6.00	1.32	0.00	0.00	31.77	88.07	37.61	16.25	7.72	1.70	0.00	0.00	40.10	103.38
	C85PH004	33.31	16.26	8.30	1.83	0.00	0.00	32.15	91.85	38.06	16.44	10.67	2.35	0.00	0.00	40.58	108.10
	C85PH005	44.00	21.48	8.30	1.83	0.00	0.00	42.47	118.08	50.28	21.72	10.67	2.35	0.00	0.00	53.60	138.62
	C85AM004	96.15	52.48	28.73	6.89	0.00	0.00	102.50	286.75	108.17	52.81	36.94	8.86	0.00	0.00	126.35	333.13
	C85AM005	96.51	52.67	28.73	6.89	0.00	0.00	102.88	287.68	108.58	53.01	36.94	8.86	0.00	0.00	126.82	334.21
	C85MA003	71.67	39.11	21.87	5.25	0.00	0.00	76.40	214.30	80.63	39.37	28.11	6.75	0.00	0.00	94.18	249.04
	C85N0007	36.57	19.96	14.56	3.49	0.00	0.00	38.98	113.56	41.14	20.09	18.71	4.49	0.00	0.00	48.05	132.48
	C85PH006	11.61	4.68	2.33	0.75	0.00	0.00	7.66	27.03	13.72	4.75	3.07	0.98	0.00	0.00	9.75	32.27
	C85AM006	13.69	6.29	2.33	0.47	0.00	0.00	10.42	33.20	15.79	6.36	3.07	0.61	0.00	0.00	12.83	38.66
	C85AM007	18.84	8.66	3.14	0.63	0.00	0.00	14.34	45.61	21.74	8.76	4.13	0.83	0.00	0.00	17.66	53.12
	C85LB001	12.77	5.87	2.51	0.50	0.00	0.00	9.72	31.37	14.74	5.94	3.31	0.66	0.00	0.00	11.98	36.63
	C85LB002	15.70	7.22	3.01	0.60	0.00	0.00	11.95	38.48	18.11	7.30	3.97	0.79	0.00	0.00	14.72	44.89
	C85LB003	16.38	7.54	3.01	0.60	0.00	0.00	12.47	40.00	18.90	7.62	3.97	0.79	0.00	0.00	15.36	46.64
	C85LB004	19.50	8.97	3.01	0.60	0.00	0.00	14.84	46.92	22.50	9.07	3.97	0.79	0.00	0.00	18.29	54.62
	C85N0008	15.97	7.34	4.77	0.95	0.00	0.00	12.15	41.18	18.42	7.43	6.28	1.26	0.00	0.00	14.97	48.36
	C85N0009	16.10	7.40	4.77	0.95	0.00	0.00	12.25	41.47	18.57	7.49	6.28	1.26	0.00	0.00	15.09	48.69
	C85N0010	20.66	9.50	5.97	1.19	0.00	0.00	15.72	53.04	23.83	9.61	7.87	1.57	0.00	0.00	19.37	62.25
	C85AM008	18.13	9.89	3.14	0.69	0.00	0.00	15.65	47.50	20.39	9.96	4.13	0.91	0.00	0.00	18.63	54.02
	C85AM009	20.64	11.27	3.14	0.69	0.00	0.00	17.82	53.56	23.22	11.34	4.13	0.91	0.00	0.00	21.21	60.81
	C85AM010	26.65	14.54	5.34	1.18	0.00	0.00	23.00	70.71	29.98	14.64	7.04	1.55	0.00	0.00	27.39	80.60
	C85AM011	37.88	20.67	7.00	1.54	0.00	0.00	32.69	99.78	42.61	20.80	9.22	2.03	0.00	0.00	38.93	113.59
	C85LB005	22.12	12.07	4.89	1.08	0.00	0.00	19.10	59.26	24.89	12.15	6.45	1.42	0.00	0.00	22.74	67.65
	C85LB006	26.11	14.25	6.27	1.38	0.00	0.00	22.54	70.55	29.37	14.34	8.27	1.82	0.00	0.00	26.83	80.63
	C85LB007	32.81	17.91	6.19	1.36	0.00	0.00	28.32	86.59	36.91	18.02	8.17	1.80	0.00	0.00	33.72	98.62
	C85MA004	29.88	16.31	7.20	1.58	0.00	0.00	25.79	80.76	33.62	16.41	9.49	2.09	0.00	0.00	30.71	92.32
	C85MA005	35.31	19.27	7.52	1.66	0.00	0.00	30.48	94.24	39.73	19.40	9.92	2.18	0.00	0.00	36.30	107.53
	C85N0011	23.96	13.08	5.97	1.31	0.00	0.00	20.68	65.00	26.96	13.16	7.87	1.73	0.00	0.00	24.63	74.35
	C85N0012	29.43	16.06	5.97	1.31	0.00	0.00	25.40	78.17	33.10	16.16	7.87	1.73	0.00	0.00	30.24	89.10
	C85N0013	26.81	14.63	7.62	1.68	0.00	0.00	23.14	73.88	30.16	14.72	10.05	2.21	0.00	0.00	27.55	84.69
	C85N0014	37.81	20.64	11.44	2.52	0.00	0.00	32.64	105.05	42.54	20.77	15.08	3.32	0.00	0.00	38.86	120.57
	C85PH007	19.49	10.64	3.26	0.72	0.00	0.00	16.83	50.94	21.93	10.71	4.30	0.95	0.00	0.00	20.04	57.93
	C85PH008	32.20	17.58	4.72	1.04	0.00	0.00	27.80	83.34	36.23	17.69	6.22	1.37	0.00	0.00	33.10	94.61
	C85PH009	32.09	17.51	6.52	1.43	0.00	0.00	27.70	85.25	36.10	17.63	8.60	1.89	0.00	0.00	32.98	97.20
	C85AM012	41.73	25.14	7.45	1.79	0.00	0.00	40.27	116.38	46.36	25.30	9.82	2.36	0.00	0.00	47.09	130.93

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	
C85	C85AM013	48.04	28.94	7.45	1.79	0.00	0.00	46.37	132.59	53.37	29.13	9.82	2.36	0.00	0.00	54.21	148.89
	C85AM014	71.74	43.22	13.02	3.12	0.00	0.00	69.24	200.34	79.71	43.50	17.16	4.12	0.00	0.00	80.96	225.45
	C85AM015	97.30	58.62	13.02	3.12	0.00	0.00	93.91	265.97	108.11	59.00	17.16	4.12	0.00	0.00	109.80	298.19
	C85LB008	109.22	65.81	15.05	3.61	0.00	0.00	105.42	299.11	121.36	66.23	19.84	4.76	0.00	0.00	123.25	335.44
	C85LB009	130.55	78.66	15.05	3.61	0.00	0.00	126.01	353.88	145.06	79.17	19.84	4.76	0.00	0.00	147.32	396.15
	C85MA006	44.22	26.64	9.03	2.17	0.00	0.00	42.68	124.74	49.14	26.82	11.90	2.86	0.00	0.00	49.90	140.62
	C85MA007	65.19	39.28	17.18	4.12	0.00	0.00	62.92	188.69	72.43	39.53	22.65	5.44	0.00	0.00	73.56	213.61
	C85PH010	39.05	23.53	6.52	1.56	0.00	0.00	37.69	108.35	43.39	23.68	8.60	2.06	0.00	0.00	44.07	121.80
	C85PH011	51.18	30.84	8.23	1.97	0.00	0.00	49.40	141.62	56.87	31.04	10.84	2.60	0.00	0.00	57.75	159.10
C90	C90LI001	19.20	9.54	5.07	1.32	1.10	0.17	13.69	50.09	21.95	9.64	6.39	1.66	1.35	0.20	16.75	57.94
	C90LI002	21.90	10.98	7.03	1.83	1.98	0.30	15.63	59.65	25.03	11.11	8.83	2.30	2.45	0.37	19.13	69.22
	C90AM001	23.66	13.21	7.14	1.86	1.98	0.30	19.30	67.45	26.62	13.29	9.06	2.35	2.45	0.37	23.06	77.20
	C90AM002	32.58	18.10	16.16	4.20	2.16	0.32	26.56	100.08	36.65	18.21	20.73	5.39	2.67	0.40	31.73	115.78
	C90LI003	31.13	17.36	9.29	2.42	2.51	0.38	25.39	88.48	35.02	17.47	11.78	3.06	3.10	0.47	30.34	101.24
	C90AM003	42.68	25.97	13.77	3.58	1.72	0.26	39.06	127.04	47.43	26.14	17.59	4.57	2.13	0.32	45.85	144.03
	C90AM004	57.15	35.27	14.56	3.79	5.74	0.86	52.42	169.79	63.50	35.50	18.52	4.81	7.10	1.07	61.54	192.04
	C90LI004	32.46	19.93	9.29	2.42	2.51	0.38	29.75	96.74	36.07	20.05	11.78	3.06	3.10	0.47	34.92	109.45
	C90LI005	49.80	30.55	16.37	4.26	3.77	0.57	45.63	150.95	55.33	30.75	20.89	5.43	4.65	0.70	53.57	171.32
C95	C90PH001	37.37	22.88	11.39	2.96	2.51	0.38	34.23	111.72	41.52	23.03	14.49	3.77	3.10	0.47	40.18	126.56
	C90PH002	80.84	49.31	18.50	4.81	4.13	0.62	74.01	232.22	89.82	49.63	23.66	6.15	5.10	0.77	86.88	262.01
	C95AP001	14.61	8.89	12.16	11.38	0.00	0.00	13.52	60.56								
	C95AP002	0.63	0.38	0.00	0.00	0.00	0.00	0.58	1.59								
	C95AP003	2.33	1.42	0.00	0.00	0.00	0.00	2.16	5.91								
	C95AP004	21.96	13.37	17.68	14.14	0.00	0.00	20.32	87.47								
	C95AP005	0.74	0.45	0.00	0.00	0.00	0.00	0.69	1.88								
	C95AP006	2.78	1.69	0.00	0.00	0.00	0.00	2.57	7.04								
	C95AP007	29.07	17.69	19.12	14.86	0.00	0.00	26.90	107.64								
D10	C95AP008	1.01	0.62	0.00	0.00	0.00	0.00	0.94	2.57								
	C95AP009	3.08	1.87	0.00	0.00	0.00	0.00	2.85	7.80								
	C95AP010	38.72	23.57	27.96	19.28	0.00	0.00	35.83	145.36								
	C95AP011	1.07	0.65	0.00	0.00	0.00	0.00	0.99	2.71								
	C95AP012	5.90	3.59	0.00	0.00	0.00	0.00	5.46	14.95								
	C95AP013	38.32	23.32	24.42	17.51	0.00	0.00	35.46	139.03								
	C95AP014	1.01	0.62	0.00	0.00	0.00	0.00	0.94	2.57								
	C95AP015	6.22	3.79	0.00	0.00	0.00	0.00	5.76	15.77								
	D10GD001	7.21	2.51	0.00	0.79	0.00	0.00	7.51	18.02								
	D10GD002	7.35	2.56	0.00	0.79	0.00	0.00	7.65	18.35								
	D10GD003	7.58	2.64	0.00	0.79	0.00	0.00	7.89	18.90								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS						
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR	TIRE DEPR	TIRE CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR
D10	D10GD004	7.84	2.73	0.00	0.84	0.00	0.00	8.16	19.57						
	D10GD005	7.99	2.78	0.00	0.84	0.00	0.00	8.32	19.93						
	D10GD006	8.22	2.86	0.00	0.84	0.00	0.00	8.55	20.47						
	D10GD007	13.95	4.85	7.80	2.18	0.00	0.00	14.51	43.29						
	D10GD008	19.89	6.91	11.44	3.20	0.00	0.00	20.70	62.14						
	D10IN001	13.52	4.70	11.03	3.09	0.00	0.00	14.07	46.41						
	D10IN002	8.48	2.95	0.00	0.84	0.00	0.00	8.83	21.10						
	D10IN003	7.49	2.60	0.00	0.79	0.00	0.00	7.79	18.67						
	D10SU001	2.94	1.02	0.00	0.49	0.00	0.00	3.06	7.51						
	D10SU002	8.46	2.94	0.00	0.80	0.00	0.00	8.80	21.00						
	D10SU003	8.89	3.09	0.00	0.80	0.00	0.00	9.26	22.04						
	D10SU004	11.94	4.15	0.00	0.90	0.00	0.00	12.42	29.41						
D15	D15BI001	0.66	0.23	1.16	0.37	0.00	0.00	0.62	3.04						
	D15BI002	1.02	0.36	1.86	0.59	0.00	0.00	0.96	4.79						
	D15BI003	1.22	0.42	1.59	0.45	0.00	0.00	1.14	4.82						
	D15BI004	2.47	0.86	2.31	0.65	0.00	0.00	2.31	8.60						
	D15BI005	3.28	1.14	3.33	0.93	0.00	0.00	3.07	11.75						
	D15BI006	5.16	1.79	4.62	1.29	0.00	0.00	4.83	17.69						
	D15BI007	6.75	2.35	5.64	1.58	0.00	0.00	6.32	22.64						
D20	D20AD001	0.23	0.07	0.14	0.26	0.00	0.00	0.20	0.90						
	D20AD002	0.29	0.08	0.27	0.37	0.00	0.00	0.25	1.26						
	D20AD003	0.46	0.13	0.41	0.48	0.00	0.00	0.40	1.88						
	D20AD004	1.05	0.30	1.50	1.66	0.00	0.00	0.92	5.43						
	D20LY001	0.44	0.13	0.41	0.68	0.00	0.00	0.39	2.05						
	D20LY002	0.47	0.13	0.00	0.60	0.00	0.00	0.42	1.62						
D25	D25AD001	2.25	0.78	1.03	0.25	0.00	0.00	2.34	6.65						
	D25AD002	3.05	1.06	2.46	0.59	0.00	0.00	3.18	10.34						
	D25AD003	4.15	1.44	2.67	0.64	0.00	0.00	4.32	13.22						
	D25SP001	1.45	0.50	3.49	0.56	0.00	0.00	1.51	7.51						
	D25SP002	1.57	0.55	2.67	0.43	0.00	0.00	1.63	6.85						
	D25SP003	2.34	0.81	4.65	0.74	0.00	0.00	2.43	10.97						
	D25SP004	2.59	0.90	5.35	0.86	0.00	0.00	2.69	12.39						
D30	D25SP005	3.36	1.17	10.57	1.69	0.00	0.00	3.50	20.29						
	D25SP006	1.94	0.68	1.80	0.43	0.04	0.01	2.02	6.92						
	D25SP007	2.40	0.84	2.41	0.58	0.04	0.01	2.50	8.78						
	D30HD001	5.39	1.87	10.77	5.02	0.00	0.00	5.61	28.66						
	D30HD002	9.44	3.28	13.85	6.88	0.00	0.00	9.82	43.27						

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TIRE RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE
D30	D30HD003	10.77	3.74	17.19	8.81	0.00	0.00	11.21	51.72							
	D30MR001	0.44	0.15	0.81	0.26	0.00	0.00	0.46	2.12							
	D30MR002	1.21	0.42	2.79	0.89	0.00	0.00	1.26	6.57							
	D30MR003	2.06	0.73	11.04	3.53	0.09	0.01	2.15	19.61							
	D30MR004	2.51	0.89	5.39	1.51	0.09	0.01	2.62	13.02							
	D30MR005	4.45	1.59	19.06	6.10	0.36	0.05	4.66	36.27							
	D30MR006	4.91	1.75	16.93	5.42	0.36	0.05	5.14	34.56							
	D30MR007	8.40	2.96	17.88	5.72	0.36	0.05	8.77	44.14							
D35	D35GD001	11.77	5.58	6.72	2.55	0.00	0.00	12.25	38.87							
	D35GD002	12.51	5.93	12.83	4.87	0.00	0.00	13.02	49.16							
	D35GD003	15.92	7.54	12.83	4.87	0.00	0.00	16.56	57.72							
	D35GD004	19.67	9.32	16.67	6.34	0.00	0.00	20.47	72.47							
	D35IN001	20.01	9.48	23.09	8.77	0.00	0.00	20.83	82.18							
	D35IN002	27.28	13.05	29.09	11.05	1.40	0.21	28.45	110.53							
	D35IN003	20.81	9.96	24.37	9.26	1.12	0.17	21.71	87.40							
	D35RO001	18.50	8.88	20.52	7.80	1.24	0.19	19.31	76.44							
	D35RO002	27.55	13.26	19.74	7.50	2.25	0.34	28.78	99.42							
	D35RO003	22.92	10.86	18.98	7.21	0.00	0.00	23.86	83.83							
	D35RO004	25.65	12.15	18.98	7.21	0.00	0.00	26.69	90.68							
	D35RO005	21.53	10.20	20.52	7.80	0.00	0.00	22.41	82.46							
	D35RO006	29.32	17.55	26.93	8.62	0.00	0.00	30.51	112.93							
F10	F10CA001	1.70	0.61	1.99	0.90	0.07	0.01	1.34	6.62							
	F10CA002	1.74	0.62	1.99	0.90	0.10	0.02	1.37	6.74							
	F10CA003	1.89	0.68	3.54	1.59	0.11	0.02	1.49	9.32							
	F10CA004	2.13	0.76	3.54	1.59	0.11	0.02	1.68	9.83							
	F10CA005	2.51	0.89	5.19	2.34	0.11	0.02	1.98	13.04							
	F10CA006	3.05	1.09	5.86	2.64	0.16	0.02	2.40	15.22							
	F10CA007	3.20	1.14	5.86	2.64	0.14	0.02	2.52	15.52							
	F10CA008	3.36	1.19	5.86	2.64	0.10	0.02	2.64	15.81							
	F10CA009	1.62	0.57	3.47	0.83	0.04	0.01	1.27	7.81							
	F10CA010	1.81	0.65	4.50	1.08	0.13	0.02	1.43	9.62							
	F10CA011	1.88	0.70	4.50	1.08	0.25	0.04	1.50	9.95							
	F10CA012	2.82	1.01	5.91	1.42	0.17	0.03	2.23	13.59							
	F10CA013	2.85	1.02	5.91	1.42	0.17	0.03	2.25	13.65							
	F10CA014	2.97	1.06	5.91	1.42	0.17	0.03	2.34	13.90							
	F10CA015	4.22	1.51	2.71	0.65	0.26	0.04	3.33	12.72							
	F10CA016	4.55	1.63	2.87	0.69	0.26	0.04	3.59	13.63							
	F10CA017	5.84	2.13	5.13	1.23	0.59	0.09	4.63	19.64							
	F10CA018	6.40	2.33	5.13	1.23	0.59	0.09	5.07	20.84							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS						
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR
F10	F10CA019	6.94	2.51	5.13	1.23	0.57	0.09	5.49	21.96						
	F10CA020	7.14	2.61	5.13	1.23	0.74	0.11	5.66	22.62						
	F10CA021	2.79	1.01	2.79	0.67	0.26	0.04	2.21	9.77						
	F10CA022	2.85	1.03	2.79	0.67	0.26	0.04	2.25	9.89						
	F10CA023	3.43	1.24	2.79	0.67	0.48	0.07	2.71	11.14						
	F10CA024	3.45	1.28	2.79	0.67	0.48	0.07	2.75	11.49						
	F10HY001	1.53	0.56	4.31	1.04	0.16	0.02	1.21	8.83						
	F10HY002	2.10	0.76	5.91	1.42	0.17	0.03	1.66	12.05						
	F10HY003	3.44	1.24	8.82	2.12	0.21	0.03	2.72	18.58						
	F10HY004	4.27	1.55	8.82	2.12	0.36	0.05	3.38	20.55						
	F10HY005	5.36	1.97	5.21	1.25	0.60	0.09	4.25	18.73						
	F10HY006	6.34	2.33	5.21	1.25	0.71	0.11	5.03	20.98						
	F10HY007	6.55	2.37	5.21	1.25	0.52	0.08	5.18	21.16						
	F10HY008	13.66	4.95	7.96	1.91	1.16	0.17	10.81	40.62						
G10	G10HO001	0.09	0.02	0.47	0.11	0.00	0.00	0.05	0.74	0.10	0.02	0.62	0.15	0.00	0.00
	G10HO002	0.12	0.03	0.66	0.16	0.00	0.00	0.07	1.04	0.13	0.03	0.86	0.21	0.00	0.00
	G10HO003	0.10	0.03	1.22	0.00	0.00	0.00	0.06	1.41	0.12	0.03	1.59	0.00	0.00	0.08
	G10HO004	0.23	0.06	1.03	0.25	0.00	0.00	0.13	1.70	0.26	0.06	1.36	0.33	0.00	0.00
	G10KH001	0.09	0.02	0.47	0.11	0.00	0.00	0.05	0.74	0.10	0.02	0.62	0.15	0.00	0.00
	G10KH002	0.10	0.03	0.75	0.18	0.00	0.00	0.06	1.12	0.12	0.03	0.99	0.24	0.00	0.00
	G10KH003	0.13	0.03	1.03	0.25	0.00	0.00	0.08	1.52	0.15	0.04	1.36	0.33	0.00	0.10
	G10ON001	0.30	0.08	0.47	0.11	0.00	0.00	0.17	1.13	0.34	0.08	0.62	0.15	0.00	0.23
	G10ON002	0.38	0.10	0.94	0.23	0.00	0.00	0.22	1.87	0.43	0.10	1.23	0.30	0.00	0.29
	G10ON003	0.43	0.11	0.94	0.23	0.00	0.00	0.25	1.96	0.49	0.11	1.23	0.30	0.00	0.34
	G10ON004	0.50	0.13	1.88	0.45	0.00	0.00	0.29	3.25	0.57	0.13	2.46	0.59	0.00	0.39
	G10CA001	1.67	0.52	6.40	1.54	0.00	0.00	1.13	11.26	2.08	0.54	8.36	2.01	0.00	1.61
	G10CA002	2.08	0.65	9.89	2.37	0.00	0.00	1.41	16.40	2.60	0.67	12.91	3.10	0.00	2.01
	G10CA003	2.12	0.66	11.04	2.65	0.00	0.00	1.43	17.90	2.65	0.68	14.41	3.46	0.00	2.05
	G10CA004	2.36	0.74	13.63	3.27	0.00	0.00	1.60	21.60	2.95	0.76	17.79	4.27	0.00	2.28
	G10CA005	2.55	0.80	15.10	3.62	0.00	0.00	1.73	23.80	3.18	0.82	19.72	4.73	0.00	2.46
	G10CA006	4.17	1.31	21.75	5.22	0.00	0.00	2.82	35.27	5.21	1.34	28.40	6.82	0.00	4.03
	G10CA007	4.74	1.49	25.24	6.06	0.00	0.00	3.21	40.74	5.93	1.53	32.95	7.91	0.00	4.59
	G10CA008	6.32	1.98	32.18	7.72	0.00	0.00	4.28	52.48	7.90	2.04	42.01	10.08	0.00	6.12
	G10CA009	8.36	2.62	38.25	9.18	0.00	0.00	5.66	64.07	10.45	2.69	49.94	11.98	0.00	8.08
	G10CA010	10.92	3.43	53.31	12.79	0.00	0.00	7.40	87.85	13.65	3.52	69.60	16.70	0.00	10.56
	G10CA011	16.40	5.14	74.45	17.87	0.00	0.00	11.11	124.97	20.50	5.29	97.19	23.33	0.00	15.86
	G10ON005	0.69	0.22	1.31	0.32	0.00	0.00	0.47	3.01	0.86	0.22	1.72	0.41	0.00	0.67
	G10ON006	0.73	0.23	1.41	0.34	0.00	0.00	0.50	3.21	0.92	0.24	1.85	0.44	0.00	0.71
	G10ON007	0.85	0.27	0.62	0.15	0.00	0.00	0.58	2.47	1.06	0.27	0.80	0.19	0.00	0.82
	G10ON008	0.71	0.22	0.25	0.06	0.00	0.00	0.48	1.72	0.89	0.23	0.32	0.08	0.00	0.69
															2.21

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR		
G10	G10ON009	0.85	0.27	0.49	0.12	0.00	0.00	0.57	2.30	1.06	0.27	0.64	0.15	0.00	0.00	0.82	2.94
	G10ON010	1.14	0.36	0.90	0.22	0.00	0.00	0.77	3.39	1.42	0.37	1.18	0.28	0.00	0.00	1.10	4.35
	G10ON011	1.19	0.37	1.11	0.27	0.00	0.00	0.80	3.74	1.48	0.38	1.45	0.35	0.00	0.00	1.15	4.81
	G10ON012	1.29	0.40	1.35	0.33	0.00	0.00	0.87	4.24	1.61	0.41	1.77	0.42	0.00	0.00	1.24	5.45
	G10ON013	1.38	0.43	2.05	0.49	0.00	0.00	0.94	5.29	1.73	0.45	2.68	0.64	0.00	0.00	1.34	6.84
	G10ON014	1.47	0.46	2.67	0.64	0.00	0.00	0.99	6.23	1.83	0.47	3.48	0.84	0.00	0.00	1.42	8.04
	G10ON015	1.64	0.51	3.57	0.86	0.00	0.00	1.11	7.69	2.05	0.53	4.66	1.12	0.00	0.00	1.59	9.95
	G10ON016	1.71	0.54	4.84	1.16	0.00	0.00	1.16	9.41	2.14	0.55	6.32	1.52	0.00	0.00	1.65	12.18
	G10ON017	1.92	0.60	4.84	1.16	0.00	0.00	1.30	9.82	2.40	0.62	6.32	1.52	0.00	0.00	1.86	12.72
	G10ON018	2.12	0.66	6.36	1.53	0.00	0.00	1.44	12.11	2.65	0.68	8.30	1.99	0.00	0.00	2.05	15.67
	G10ON019	2.37	0.74	7.84	1.88	0.00	0.00	1.60	14.43	2.96	0.76	10.23	2.46	0.00	0.00	2.29	18.70
	G10ON020	2.65	0.83	9.32	2.24	0.00	0.00	1.80	16.84	3.32	0.86	12.16	2.92	0.00	0.00	2.57	21.83
G15	G15CA001	7.22	3.38	4.70	1.60	0.58	0.09	5.63	23.20	8.67	3.43	6.13	2.08	0.79	0.12	7.25	28.47
	G15CA002	8.27	3.85	5.08	1.73	0.53	0.08	6.44	25.98	9.93	3.91	6.62	2.25	0.71	0.11	8.28	31.81
	G15CA003	9.01	4.20	5.08	1.73	0.58	0.09	7.02	27.71	10.82	4.26	6.62	2.25	0.79	0.12	9.03	33.89
	G15CA004	9.03	4.22	5.64	1.92	0.71	0.11	7.04	28.67	10.84	4.29	7.35	2.50	0.95	0.14	9.06	35.13
	G15CA005	13.47	6.37	7.52	2.56	1.47	0.22	10.53	42.14	16.17	6.47	9.80	3.33	1.99	0.30	13.55	51.61
	G15CA006	19.79	9.38	10.35	3.52	2.29	0.34	15.48	61.15	23.75	9.52	13.48	4.58	3.09	0.46	19.92	74.80
	G15CH001	7.05	3.32	5.08	1.73	0.68	0.10	5.51	23.47	8.46	3.37	6.62	2.25	0.92	0.14	7.08	28.84
	G15CH002	7.81	3.66	5.76	1.96	0.64	0.10	6.09	26.02	9.38	3.71	7.50	2.55	0.86	0.13	7.84	31.97
	G15CH003	8.44	3.96	7.03	2.39	0.73	0.11	6.58	29.24	10.12	4.02	9.17	3.12	0.99	0.15	8.47	36.04
	G15CH004	9.14	4.28	7.90	2.69	0.73	0.11	7.12	31.97	10.96	4.34	10.29	3.50	0.99	0.15	9.16	39.39
	G15CH005	9.82	4.71	7.52	2.56	1.47	0.22	7.71	34.01	11.78	4.78	9.80	3.33	1.99	0.30	9.92	41.90
	G15CH006	10.98	5.24	7.52	2.56	1.47	0.22	8.61	36.60	13.18	5.32	9.80	3.33	1.99	0.30	11.08	45.00
	G15CH007	6.66	3.13	5.08	1.73	0.64	0.10	5.20	22.54	7.99	3.18	6.62	2.25	0.86	0.13	6.69	27.72
	G15CH008	7.15	3.36	5.76	1.96	0.64	0.10	5.58	24.55	8.58	3.41	7.50	2.55	0.86	0.13	7.18	30.21
	G15CH009	7.70	3.62	7.03	2.39	0.73	0.11	6.01	27.59	9.24	3.68	9.17	3.12	0.99	0.15	7.74	34.09
	G15CH010	8.60	4.03	7.90	2.69	0.73	0.11	6.71	30.77	10.32	4.09	10.29	3.50	0.99	0.15	8.63	37.97
	G15CH011	9.28	4.47	7.52	2.56	1.47	0.22	7.29	32.81	11.14	4.53	9.80	3.33	1.99	0.30	9.38	40.47
	G15CH012	10.45	5.00	7.52	2.56	1.47	0.22	8.19	35.41	12.54	5.07	9.80	3.33	1.99	0.30	10.54	43.57
	G15FI001	6.98	3.27	5.08	1.73	0.58	0.09	5.44	23.17	8.38	3.32	6.62	2.25	0.79	0.12	7.01	28.49
	G15FI002	7.37	3.47	5.83	1.98	0.71	0.11	5.75	25.22	8.84	3.52	7.60	2.58	0.95	0.14	7.40	31.03
	G15FI003	7.72	3.67	6.21	2.11	0.98	0.15	6.04	26.88	9.26	3.73	8.09	2.75	1.32	0.20	7.78	33.13
	G15FI004	4.28	2.05	2.56	0.87	0.58	0.09	3.36	13.79	5.14	2.08	3.33	1.13	0.79	0.12	4.32	16.91
	G15FI005	6.49	3.05	5.08	1.73	0.58	0.09	5.07	22.09	7.79	3.09	6.62	2.25	0.79	0.12	6.52	27.18
	G15FI006	6.82	3.22	5.83	1.98	0.70	0.11	5.33	23.99	8.18	3.26	7.60	2.58	0.95	0.14	6.86	29.57
	G15FI007	7.23	3.45	6.21	2.11	0.98	0.15	5.67	25.80	8.68	3.50	8.09	2.75	1.32	0.20	7.29	31.83
	G15GI001	7.62	3.56	5.42	1.84	0.58	0.09	5.94	25.05	9.14	3.61	7.06	2.40	0.79	0.12	7.64	30.76
	G15GI002	7.86	3.67	5.42	1.84	0.58	0.09	6.12	25.58	9.43	3.72	7.06	2.40	0.79	0.12	7.88	31.40
	G15GI003	7.94	3.73	6.24	2.12	0.70	0.11	6.19	27.03	9.52	3.78	8.14	2.77	0.95	0.14	7.97	33.27

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE	TIRE	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE	TIRE	TOTAL RATE		
						WEAR	RPR						RPR	RPR			
G15	G15GI004	8.42	3.94	6.24	2.12	0.70	0.11	6.56	28.09	10.10	4.00	8.14	2.77	0.95	0.14	8.45	34.55
	G15GI005	8.94	4.18	6.24	2.12	0.70	0.11	6.97	29.26	10.73	4.24	8.14	2.77	0.95	0.14	8.97	35.94
	G15GI006	9.14	4.27	7.67	2.61	0.70	0.11	7.13	31.63	10.97	4.34	10.00	3.40	0.95	0.14	9.17	38.97
	G15GI007	9.61	4.49	6.66	2.26	0.70	0.11	7.49	31.32	11.53	4.55	8.68	2.95	0.95	0.14	9.64	38.44
	G15GI008	9.45	4.42	7.67	2.61	0.73	0.11	7.37	32.36	11.34	4.49	10.00	3.40	0.99	0.15	9.48	39.85
	G15GI009	10.59	4.94	7.67	2.61	0.73	0.11	8.24	34.89	12.70	5.01	10.00	3.40	0.99	0.15	10.61	42.86
	G15ID001	7.23	3.39	5.42	1.84	0.58	0.09	5.64	24.19	8.68	3.44	7.06	2.40	0.79	0.12	7.26	29.75
	G15ID002	7.83	3.68	5.42	1.84	0.70	0.11	6.11	25.69	9.39	3.73	7.06	2.40	0.95	0.14	7.86	31.53
	G15ID003	8.43	3.95	6.24	2.12	0.70	0.11	6.57	28.12	10.11	4.01	8.14	2.77	0.95	0.14	8.46	34.58
	G15ID004	9.15	4.28	7.67	2.61	0.70	0.11	7.13	31.65	10.98	4.34	10.00	3.40	0.95	0.14	9.18	38.99
	G15JD001	5.41	2.55	3.39	1.15	0.53	0.08	4.23	17.34	6.50	2.59	4.41	1.50	0.71	0.11	5.44	21.26
	G15JD002	6.84	3.20	5.08	1.73	0.53	0.08	5.33	22.79	8.21	3.24	6.62	2.25	0.71	0.11	6.86	28.00
	G15JD003	8.17	3.80	5.08	1.73	0.53	0.08	6.36	25.75	9.81	3.86	6.62	2.25	0.71	0.11	8.19	31.55
	G15JD004	7.79	3.65	5.83	1.98	0.64	0.10	6.07	26.06	9.34	3.70	7.60	2.58	0.86	0.13	7.81	32.02
	G15JD005	9.00	4.20	5.83	1.98	0.64	0.10	7.01	28.76	10.80	4.26	7.60	2.58	0.86	0.13	9.02	35.25
	G15KM001	8.77	4.08	4.70	1.60	0.53	0.08	6.82	26.58	10.52	4.14	6.13	2.08	0.71	0.11	8.78	32.47
	G15KM002	9.69	4.53	5.27	1.79	0.73	0.11	7.55	29.67	11.63	4.60	6.86	2.33	0.99	0.15	9.72	36.28
	G15KM003	10.47	4.89	5.83	1.98	0.73	0.11	8.16	32.17	12.57	4.96	7.60	2.58	0.99	0.15	10.50	39.35
	G15KM004	13.89	6.56	7.52	2.56	1.47	0.22	10.85	43.07	16.66	6.66	9.80	3.33	1.99	0.30	13.97	52.71
	G15KM005	19.72	9.35	10.53	3.58	2.29	0.34	15.43	61.24	23.67	9.49	13.73	4.67	3.09	0.46	19.85	74.96
	G15MI001	5.49	2.56	2.86	0.97	0.37	0.06	4.28	16.59	6.59	2.60	3.73	1.27	0.49	0.07	5.50	20.25
	G15MI002	5.97	2.78	3.42	1.16	0.37	0.06	4.65	18.41	7.16	2.82	4.46	1.52	0.49	0.07	5.98	22.50
	G15MI003	8.05	3.73	5.64	1.92	0.41	0.06	6.26	26.07	9.66	3.79	7.35	2.50	0.55	0.08	8.06	31.99
	G15MI004	8.86	4.11	6.55	2.23	0.47	0.07	6.89	29.18	10.64	4.17	8.53	2.90	0.63	0.09	8.87	35.83
H20	H20BE001	1.05	0.33	0.00	0.10	0.00	0.00	0.88	2.36								
	H20BE002	1.39	0.44	0.00	0.20	0.00	0.00	1.16	3.19								
	H20BE003	1.77	0.56	0.00	0.30	0.00	0.00	1.48	4.11								
	H20BE004	3.16	1.00	0.00	0.40	0.00	0.00	2.64	7.20								
	H20SK001	7.76	2.46	4.10	0.98	0.00	0.00	6.49	21.79								
H25	H20SK002	10.49	3.33	4.10	0.98	0.00	0.00	8.78	27.68								
	H20SK003	16.17	5.12	5.34	1.28	0.00	0.00	13.53	41.44								
	H20SK004	17.96	5.69	6.16	1.48	0.00	0.00	15.03	46.32								
	H25AK001	11.22	3.53	2.52	0.96	0.00	0.00	8.70	26.93	13.81	3.62	3.28	1.25	0.00	0.00	12.23	34.19
	H25AK002	15.86	4.98	5.45	2.07	0.00	0.00	12.29	40.65	19.52	5.11	7.11	2.70	0.00	0.00	17.29	51.73
	H25BA001	13.21	4.15	3.20	1.22	0.00	0.00	10.24	32.02	16.26	4.26	4.17	1.58	0.00	0.00	14.40	40.67
	H25BA002	21.50	6.76	6.02	2.29	0.00	0.00	16.66	53.23	26.47	6.93	7.84	2.98	0.00	0.00	23.43	67.65
	H25CA001	8.50	2.67	2.67	1.01	0.00	0.00	6.58	21.43	10.46	2.74	3.48	1.32	0.00	0.00	9.26	27.26
	H25CA002	10.98	3.45	3.54	1.34	0.00	0.00	8.51	27.82	13.51	3.54	4.61	1.75	0.00	0.00	11.96	35.37
	H25CA003	12.85	4.04	4.14	1.57	0.00	0.00	9.96	32.56	15.82	4.14	5.39	2.05	0.00	0.00	14.01	41.41

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	RPR	RPR	TOTAL RATE
H25																	
	H25CA004	13.87	4.36	4.33	1.64	0.00	0.00	10.75	34.95	17.07	4.47	5.64	2.14	0.00	0.00	15.11	44.43
	H25CS001	8.58	2.70	4.29	1.63	0.00	0.00	6.65	23.85	10.56	2.76	5.59	2.12	0.00	0.00	9.35	30.38
	H25CS002	9.52	2.99	4.82	1.83	0.00	0.00	7.37	26.53	11.71	3.07	6.27	2.38	0.00	0.00	10.37	33.80
	H25CS003	10.77	3.38	5.76	2.19	0.00	0.00	8.35	30.45	13.25	3.47	7.50	2.85	0.00	0.00	11.74	38.81
	H25FI001	14.43	4.53	3.95	1.50	0.00	0.00	11.18	35.59	17.76	4.65	5.15	1.96	0.00	0.00	15.73	45.25
	H25GA001	16.90	5.31	6.09	2.32	0.00	0.00	13.10	43.72	20.80	5.45	7.94	3.02	0.00	0.00	18.42	55.63
	H25GA002	20.72	6.51	5.45	2.07	0.00	0.00	16.06	50.81	25.50	6.68	7.11	2.70	0.00	0.00	22.58	64.57
	H25HI001	9.41	2.96	2.71	1.03	0.00	0.00	7.29	23.40	11.58	3.03	3.53	1.34	0.00	0.00	10.25	29.73
	H25HI002	13.01	4.09	4.06	1.54	0.00	0.00	10.08	32.78	16.01	4.19	5.29	2.01	0.00	0.00	14.18	41.68
	H25HI003	11.33	3.56	3.42	1.30	0.00	0.00	8.78	28.39	13.94	3.65	4.46	1.70	0.00	0.00	12.34	36.09
	H25HI004	14.08	4.43	4.48	1.70	0.00	0.00	10.91	35.60	17.33	4.54	5.83	2.22	0.00	0.00	15.35	45.27
	H25HI005	15.31	4.81	4.48	1.70	0.00	0.00	11.86	38.16	18.84	4.93	5.83	2.22	0.00	0.00	16.68	48.50
	H25IS001	11.17	3.51	5.08	1.93	0.00	0.00	8.65	30.34	13.74	3.60	6.62	2.51	0.00	0.00	12.17	38.64
	H25IS002	13.45	4.22	6.02	2.29	0.00	0.00	10.42	36.40	16.55	4.33	7.84	2.98	0.00	0.00	14.65	46.35
	H25JD001	2.12	0.67	0.56	0.21	0.00	0.00	1.64	5.20	2.61	0.68	0.74	0.28	0.00	0.00	2.31	6.62
	H25JD002	3.11	0.98	0.87	0.33	0.00	0.00	2.41	7.70	3.83	1.00	1.13	0.43	0.00	0.00	3.39	9.78
	H25JD003	4.48	1.41	1.47	0.56	0.00	0.00	3.47	11.39	5.52	1.44	1.91	0.73	0.00	0.00	4.88	14.48
	H25JD004	5.79	1.82	2.07	0.79	0.00	0.00	4.49	14.96	7.13	1.87	2.70	1.02	0.00	0.00	6.31	19.03
	H25JD005	8.51	2.67	2.82	1.07	0.00	0.00	6.60	21.67	10.48	2.74	3.68	1.40	0.00	0.00	9.28	27.58
	H25JD006	10.59	3.33	3.57	1.36	0.00	0.00	8.21	27.06	13.03	3.41	4.66	1.77	0.00	0.00	11.54	34.41
	H25JD007	11.26	3.54	4.70	1.79	0.00	0.00	8.73	30.02	13.86	3.63	6.13	2.33	0.00	0.00	12.27	38.22
	H25JD008	15.32	4.81	5.83	2.22	0.00	0.00	11.87	40.05	18.86	4.94	7.60	2.89	0.00	0.00	16.70	50.99
	H25KM001	10.18	3.20	3.08	1.17	0.00	0.00	7.89	25.52	12.53	3.28	4.02	1.53	0.00	0.00	11.09	32.45
	H25KM002	11.08	3.48	3.72	1.42	0.00	0.00	8.59	28.29	13.64	3.57	4.85	1.84	0.00	0.00	12.08	35.98
	H25KO001	6.71	2.11	1.92	0.73	0.00	0.00	5.20	16.67	8.26	2.16	2.50	0.95	0.00	0.00	7.31	21.18
	H25KO002	8.56	2.69	3.27	1.24	0.00	0.00	6.63	22.39	10.53	2.76	4.26	1.62	0.00	0.00	9.32	28.49
	H25MD001	9.75	3.06	3.16	1.20	0.00	0.00	7.55	24.72	12.00	3.14	4.12	1.56	0.00	0.00	10.62	31.44
	H25MD002	14.75	4.63	4.63	1.76	0.00	0.00	11.43	37.20	18.15	4.75	6.03	2.29	0.00	0.00	16.07	47.29
	H25AK003	15.19	5.26	6.24	2.37	0.00	0.00	12.53	41.59	18.99	5.39	8.14	3.09	0.00	0.00	17.61	53.22
	H25AK004	17.69	6.13	7.86	2.99	0.00	0.00	14.59	49.26	22.12	6.28	10.25	3.89	0.00	0.00	20.51	63.05
	H25AK005	28.93	10.01	9.86	3.75	0.00	0.00	23.86	76.41	36.16	10.27	12.84	4.88	0.00	0.00	33.54	97.69
	H25BA003	21.60	7.48	8.84	3.36	0.00	0.00	17.81	59.09	27.00	7.67	11.52	4.38	0.00	0.00	25.04	75.61
	H25BA004	26.04	9.01	11.59	4.40	0.00	0.00	21.47	72.51	32.55	9.24	15.10	5.74	0.00	0.00	30.19	92.82
	H25CA005	13.62	4.71	4.89	1.86	0.00	0.00	11.23	36.31	17.02	4.83	6.37	2.42	0.00	0.00	15.79	46.43
	H25CA006	16.04	5.55	5.45	2.07	0.00	0.00	13.23	42.34	20.06	5.70	7.11	2.70	0.00	0.00	18.60	54.17
	H25CA007	29.89	10.35	9.41	3.57	0.00	0.00	24.65	77.87	37.37	10.61	12.26	4.66	0.00	0.00	34.66	99.56
	H25FI002	17.11	5.92	5.72	2.17	0.00	0.00	14.11	45.03	21.39	6.07	7.45	2.83	0.00	0.00	19.84	57.58
	H25FI003	26.85	9.29	9.14	3.47	0.00	0.00	22.14	70.89	33.56	9.53	11.91	4.53	0.00	0.00	31.13	90.66
	H25HI006	10.67	3.69	4.33	1.64	0.00	0.00	8.80	29.13	13.34	3.79	5.64	2.14	0.00	0.00	12.37	37.28
	H25HI007	16.45	5.69	5.91	2.24	0.00	0.00	13.57	43.86	20.56	5.84	7.70	2.92	0.00	0.00	19.07	56.09
	H25HI008	25.68	8.89	10.12	3.85	0.00	0.00	21.18	69.72	32.10	9.12	13.19	5.01	0.00	0.00	29.78	89.20

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE		
H25	H25HI009	18.60	6.44	6.06	2.30	0.00	0.00	15.34	48.74	23.25	6.60	7.89	3.00	0.00	0.00	21.56	62.30
	H25HI010	19.27	6.67	6.06	2.30	0.00	0.00	15.89	50.19	24.08	6.84	7.89	3.00	0.00	0.00	22.34	64.15
	H25HI011	28.25	9.78	10.35	3.93	0.00	0.00	23.30	75.61	35.31	10.03	13.48	5.12	0.00	0.00	32.76	96.70
	H25HI012	28.05	9.71	10.35	3.93	0.00	0.00	23.13	75.17	35.07	9.96	13.48	5.12	0.00	0.00	32.53	96.16
	H25IS003	14.01	4.85	6.58	2.50	0.00	0.00	11.55	39.49	17.51	4.97	8.58	3.26	0.00	0.00	16.24	50.56
	H25IS004	21.52	7.45	9.59	3.65	0.00	0.00	17.74	59.95	26.90	7.64	12.50	4.75	0.00	0.00	24.95	76.74
	H25IS005	25.89	8.96	11.29	4.29	0.00	0.08	21.35	71.78	32.36	9.19	14.71	5.59	0.00	0.00	30.01	91.86
	H25JD009	15.04	5.21	6.77	2.57	0.00	0.00	12.40	41.99	18.80	5.34	8.82	3.35	0.00	0.00	17.44	53.76
	H25JD010	16.14	5.59	7.34	2.79	0.00	0.00	13.31	45.17	20.18	5.73	9.56	3.63	0.00	0.00	18.72	57.82
	H25JD011	22.61	7.83	9.78	3.72	0.00	0.00	18.64	62.58	28.26	8.02	12.75	4.84	0.00	0.00	26.21	80.08
	H25KM003	12.03	4.17	4.44	1.69	0.00	0.00	9.92	32.25	15.04	4.27	5.78	2.20	0.00	0.00	13.95	41.24
	H25KM004	14.21	4.92	5.57	2.12	0.00	0.00	11.72	38.54	17.76	5.04	7.25	2.76	0.00	0.00	16.48	49.29
	H25KM005	19.85	6.87	7.41	2.82	0.00	0.00	16.37	53.32	24.81	7.04	9.66	3.67	0.00	0.00	23.01	68.19
	H25KM003	11.62	4.02	4.74	1.80	0.00	0.00	9.58	31.76	14.52	4.12	6.18	2.35	0.00	0.00	13.47	40.64
	H25KM004	14.77	5.11	6.02	2.29	0.00	0.00	12.18	40.37	18.47	5.24	7.84	2.98	0.00	0.00	17.13	51.66
	H25KM005	17.55	6.08	7.98	3.03	0.00	0.00	14.47	49.11	21.94	6.23	10.39	3.95	0.00	0.00	20.35	62.86
	H25KM006	27.67	9.58	9.52	3.62	0.00	0.00	22.82	73.21	34.58	9.82	12.40	4.71	0.00	0.00	32.08	93.59
	H25MD003	15.93	5.51	5.76	2.19	0.00	0.00	13.13	42.52	19.91	5.65	7.50	2.85	0.00	0.00	18.47	54.38
	H25MD004	19.20	6.65	6.92	2.63	0.00	0.00	15.84	51.24	24.00	6.82	9.02	3.43	0.00	0.00	22.27	65.54
	H25MD005	19.77	6.85	8.54	3.25	0.00	0.00	16.30	54.71	24.71	7.02	11.13	4.23	0.00	0.00	22.92	70.01
	H25MD006	27.55	9.54	9.29	3.53	0.00	0.00	22.72	72.63	34.43	9.78	12.11	4.60	0.00	0.00	31.94	92.86
	H25MD007	28.07	9.72	10.76	4.09	0.00	0.00	23.15	75.79	35.08	9.96	14.02	5.33	0.00	0.00	32.54	96.93
	H25AK006	37.63	13.92	14.52	3.19	0.00	0.00	39.95	109.21	45.15	14.17	18.92	4.16	0.00	0.00	52.30	134.70
	H25BA005	48.36	17.90	23.17	5.10	0.00	0.00	51.36	145.89	58.04	18.21	30.20	6.64	0.00	0.00	67.23	180.32
	H25CA008	39.91	14.77	13.54	2.98	0.00	0.00	42.38	113.58	47.90	15.03	17.65	3.88	0.00	0.00	55.48	139.94
	H25HI013	39.29	14.54	17.91	3.94	0.00	0.00	41.72	117.40	47.15	14.79	23.33	5.13	0.00	0.00	54.61	145.01
	H25IS006	32.22	11.92	15.05	3.31	0.00	0.00	34.21	96.71	38.66	12.13	19.61	4.31	0.00	0.00	44.78	119.49
	H25KM006	45.42	16.81	15.20	3.34	0.00	0.00	48.23	129.00	54.50	17.10	19.80	4.36	0.00	0.00	63.13	158.89
	H25KM007	43.95	16.27	15.80	3.48	0.00	0.00	46.67	126.17	52.74	16.55	20.59	4.53	0.00	0.00	61.09	155.50
	H25HI014	40.85	17.39	20.24	4.86	0.00	0.00	47.31	130.65	47.65	17.64	26.37	6.33	0.00	0.00	59.79	157.78
	H25HI015	44.89	19.11	19.26	4.62	0.00	0.00	52.00	139.88	52.37	19.38	25.10	6.02	0.00	0.00	65.72	168.59
H30	H30AK001	17.64	5.05	5.95	2.14	0.28	0.04	9.09	40.19	21.71	5.19	7.77	2.80	0.36	0.05	12.33	50.21
	H30BA001	14.58	4.31	5.07	1.83	0.98	0.15	7.57	34.49	17.95	4.42	6.40	2.30	1.21	0.18	10.26	42.72
	H30BA002	25.19	7.24	8.39	3.02	0.52	0.08	13.00	57.44	31.00	7.43	10.70	3.85	0.64	0.10	17.62	71.34
H30CA	H30CA001	10.19	2.98	2.91	1.05	0.48	0.07	5.28	22.96	12.54	3.06	3.80	1.37	0.58	0.09	7.15	28.59
	H30CA002	12.46	3.65	3.86	1.39	0.62	0.09	6.46	28.53	15.34	3.75	5.04	1.81	0.75	0.11	8.75	35.55
	H30CA003	13.84	4.04	4.19	1.51	0.62	0.09	7.16	31.45	17.03	4.15	5.47	1.97	0.75	0.11	9.71	39.19
	H30GA001	14.60	4.26	6.75	2.43	0.65	0.10	7.56	36.35	17.97	4.37	8.59	3.09	0.81	0.12	10.24	45.19
	H30GA002	19.62	5.69	8.93	3.21	0.68	0.10	10.14	48.37	24.15	5.83	11.42	4.11	0.85	0.13	13.75	60.24
	H30GA003	11.88	3.45	5.87	2.11	0.42	0.06	6.14	29.93	14.62	3.54	7.66	2.76	0.52	0.08	8.32	37.50

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	RPR	TIRE RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	RPR	TOTAL RATE	
H30	H30GA004	13.15	3.82	5.87	2.11	0.49	0.07	6.80	32.31	16.19	3.92	7.66	2.76	0.60	0.09	9.22	40.44
	H30AK002	16.34	5.17	6.81	2.45	0.35	0.05	9.49	40.66	20.42	5.32	8.89	3.20	0.44	0.07	12.83	51.17
	H30CA004	15.14	4.85	5.09	1.83	0.62	0.09	8.81	36.43	18.92	4.98	6.64	2.39	0.75	0.11	11.91	45.70
H35	H35HI001	40.83	19.68	19.26	4.62	0.00	0.00	47.30	131.69	46.66	19.86	25.10	6.02	0.00	0.00	58.55	156.19
	H35HI002	66.23	31.91	34.61	8.31	0.00	0.00	76.71	217.77	75.69	32.22	45.10	10.82	0.00	0.00	94.97	258.80
	H35HI003	153.19	73.81	62.45	14.99	0.00	0.00	177.44	481.88	175.07	74.52	81.37	19.53	0.00	0.00	219.67	570.16
L10	L10BS001	2.08	0.59	0.00	0.40	0.00	0.00	1.94	5.01	2.56	0.61	0.00	0.40	0.00	0.00	2.65	6.22
	L10BS002	1.88	0.54	0.00	0.30	0.00	0.00	1.75	4.47	2.32	0.55	0.00	0.30	0.00	0.00	2.39	5.56
	L10BS003	2.54	0.72	0.00	0.30	0.00	0.00	2.36	5.92	3.13	0.74	0.00	0.30	0.00	0.00	3.23	7.40
	L10BS004	0.83	0.24	0.00	0.25	0.00	0.00	0.77	2.09	1.03	0.24	0.00	0.25	0.00	0.00	1.06	2.58
	L10BS005	1.87	0.53	0.00	0.30	0.00	0.00	1.74	4.44	2.30	0.55	0.00	0.30	0.00	0.00	2.38	5.53
	L10BS006	2.84	0.81	0.00	0.40	0.00	0.00	2.65	6.70	3.50	0.83	0.00	0.40	0.00	0.00	3.62	8.35
	L10BS007	3.46	0.99	0.00	0.50	0.00	0.00	3.22	8.17	4.26	1.01	0.00	0.50	0.00	0.00	4.40	10.17
	L10BU001	0.42	0.12	0.00	0.80	0.00	0.00	0.39	1.73	0.52	0.12	0.00	0.80	0.00	0.00	0.53	1.97
	L10BU002	0.81	0.23	0.00	1.50	0.00	0.00	0.76	3.30	1.00	0.24	0.00	1.50	0.00	0.00	1.03	3.77
	L10BU003	1.11	0.31	0.00	2.00	0.00	0.00	1.03	4.45	1.36	0.32	0.00	2.00	0.00	0.00	1.41	5.09
	L10BU004	1.38	0.39	0.00	2.50	0.00	0.00	1.28	5.55	1.69	0.40	0.00	2.50	0.00	0.00	1.75	6.34
	L10BU005	0.57	0.16	0.00	1.10	0.00	0.00	0.53	2.36	0.71	0.17	0.00	1.10	0.00	0.00	0.73	2.71
	L10BU006	0.19	0.05	0.00	0.70	0.00	0.00	0.18	1.12	0.24	0.06	0.00	0.70	0.00	0.00	0.25	1.25
	L10BU007	0.21	0.06	0.00	0.80	0.00	0.00	0.19	1.26	0.25	0.06	0.00	0.80	0.00	0.00	0.26	1.37
	L10BU008	0.22	0.06	0.00	0.80	0.00	0.00	0.21	1.29	0.27	0.06	0.00	0.80	0.00	0.00	0.28	1.41
	L10BU009	0.23	0.07	0.00	0.90	0.00	0.00	0.22	1.42	0.29	0.07	0.00	0.90	0.00	0.00	0.30	1.56
	L10CI001	0.48	0.14	1.56	0.47	0.00	0.00	0.45	3.10	0.60	0.14	2.04	0.61	0.00	0.00	0.62	4.01
	L10VE001	0.60	0.18	1.65	0.49	0.02	0.00	0.56	3.50	0.74	0.18	2.15	0.65	0.03	0.00	0.77	4.52
	L10VE002	0.65	0.19	2.95	0.89	0.02	0.00	0.60	5.30	0.80	0.19	3.86	1.16	0.02	0.00	0.83	6.86
	L10VE003	1.77	0.51	5.38	1.61	0.03	0.00	1.64	10.94	2.17	0.52	7.03	2.11	0.03	0.00	2.25	14.11
	L10VE004	2.79	0.80	5.38	1.61	0.03	0.00	2.60	13.21	3.44	0.82	7.03	2.11	0.03	0.00	3.56	16.99
	L10VE005	1.25	0.36	1.13	0.34	0.03	0.00	1.16	4.27	1.54	0.37	1.47	0.44	0.03	0.00	1.59	5.44
	L10VE006	1.66	0.48	1.13	0.34	0.03	0.00	1.55	5.19	2.04	0.49	1.47	0.44	0.03	0.00	2.11	6.58
	L10VE007	1.66	0.47	0.00	1.50	0.00	0.00	1.55	5.18	2.05	0.49	0.00	1.50	0.00	0.00	2.11	6.15
	L10VE008	5.59	1.59	0.00	3.00	0.00	0.00	5.20	15.38	6.89	1.63	0.00	3.00	0.00	0.00	7.11	18.63
L15	L15EX001	2.55	0.38	2.67	0.64	0.05	0.01	1.75	8.05								
	L15EX002	2.87	0.43	1.13	0.27	0.05	0.01	1.97	6.73								
	L15EX003	3.39	0.50	1.18	0.28	0.05	0.01	2.33	7.74								
	L15EX004	3.19	0.47	1.44	0.34	0.05	0.01	2.19	7.69								
	L15EX005	2.94	0.44	3.95	0.95	0.05	0.01	2.02	10.36								
	L15EX006	3.10	0.46	5.00	1.20	0.05	0.01	2.13	11.95								
	L15EX007	3.66	0.54	5.00	1.20	0.05	0.01	2.51	12.97								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS												
		DEPR		CFC		FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR		CFC		FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
L15	L15EX008	5.53	0.82	1.49	0.36	0.11	0.02	3.80	12.13												
	L15EX009	3.59	0.53	5.00	1.20	0.05	0.01	2.46	12.84												
	L15TO001	0.15	0.02	0.58	0.14	0.00	0.00	0.10	0.99												
	L15TO002	0.32	0.05	0.93	0.22	0.04	0.01	0.22	1.79												
	L15TO003	1.24	0.19	1.98	0.47	0.04	0.01	0.85	4.78												
	L15TO004	1.30	0.20	1.98	0.47	0.04	0.01	0.90	4.90												
	L15TO005	2.75	0.41	1.08	0.26	0.05	0.01	1.89	6.45												
	L15TO006	2.26	0.34	2.32	0.56	0.05	0.01	1.55	7.09												
	L15TO007	2.39	0.36	2.32	0.56	0.05	0.01	1.64	7.33												
	L15TO008	2.89	0.43	1.08	0.26	0.05	0.01	1.98	6.70												
L20	L20AB001	1.44	0.47	0.80	0.19	0.08	0.01	2.45	5.44												
	L20AB002	1.32	0.43	0.80	0.19	0.08	0.01	2.25	5.08												
	L20AB003	0.83	0.28	0.27	0.06	0.08	0.01	1.43	2.96												
	L20AB004	0.62	0.21	0.27	0.06	0.08	0.01	1.06	2.31												
	L20AB005	0.91	0.30	0.54	0.13	0.08	0.01	1.56	3.53												
	L20AB006	0.36	0.13	0.62	0.15	0.08	0.01	0.64	1.99												
	L20AB007	0.45	0.16	0.27	0.06	0.08	0.01	0.79	1.82												
	L20AB008	0.32	0.12	0.62	0.15	0.08	0.01	0.56	1.86												
	L20AB009	0.41	0.15	0.27	0.06	0.08	0.01	0.72	1.70												
	L20AB010	0.52	0.18	0.72	0.20	0.08	0.01	0.90	2.61												
	L20AB011	0.35	0.13	0.72	0.20	0.08	0.01	0.61	2.10												
	L20AI001	0.42	0.14	0.49	0.12	0.02	0.00	0.71	1.90												
	L20AI002	1.20	0.38	0.59	0.14	0.03	0.00	2.03	4.37												
	L20AI003	1.38	0.44	0.86	0.21	0.03	0.00	2.34	5.26												
	L20AI004	1.81	0.58	1.97	0.47	0.03	0.00	3.06	7.92												
L25	L25MB001	0.27	0.08	0.49	0.87	0.00	0.00	0.36	2.07												
	L25MB002	0.34	0.11	0.74	1.18	0.00	0.00	0.46	2.83												
	L25MB003	0.95	0.30	1.23	1.55	0.00	0.00	1.28	5.31												
	L25MB004	6.80	2.17	23.41	7.12	0.21	0.03	9.19	48.93												
L30	L30KL001	1.85	0.70	0.41	0.11	0.46	0.07	1.97	5.57												
	L30KL002	0.59	0.21	0.21	0.06	0.00	0.00	0.62	1.69												
	L30KL003	0.77	0.27	0.12	0.03	0.00	0.00	0.80	1.99												
	L30KL004	0.12	0.04	0.00	0.00	0.00	0.00	0.12	0.28												
	L30KL005	0.59	0.21	0.00	0.00	0.00	0.00	0.62	1.42												
	L30KL006	0.46	0.16	0.12	0.03	0.00	0.00	0.49	1.26												
	L30KL007	0.63	0.22	0.21	0.06	0.00	0.00	0.66	1.78												
	L30KL008	0.89	0.31	0.21	0.06	0.00	0.00	0.93	2.40												
	L30KL009	0.09	0.03	0.00	0.00	0.00	0.00	0.09	0.21												

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR		
L30	L30KL010	1.96	0.74	0.82	0.23	0.46	0.07	2.09	6.37	2.45	0.76	1.07	0.30	0.61	0.09	2.87	8.15
	L30KL011	0.70	0.24	0.33	0.09	0.00	0.00	0.73	2.09	0.87	0.25	0.43	0.12	0.00	0.00	1.00	2.67
	L30KL012	0.85	0.30	0.21	0.06	0.00	0.00	0.89	2.31	1.06	0.30	0.27	0.08	0.00	0.00	1.22	2.93
	L30KL013	0.12	0.04	0.00	0.00	0.00	0.00	0.12	0.28	0.15	0.04	0.00	0.00	0.00	0.00	0.17	0.36
	L30KL014	0.59	0.21	0.00	0.00	0.00	0.00	0.62	1.42	0.74	0.21	0.00	0.00	0.00	0.00	0.85	1.80
	L30KL015	0.56	0.20	0.12	0.03	0.00	0.00	0.59	1.50	0.70	0.20	0.16	0.05	0.00	0.00	0.81	1.92
	L30KL016	0.77	0.27	0.21	0.06	0.00	0.00	0.81	2.12	0.96	0.28	0.27	0.08	0.00	0.00	1.11	2.70
	L30KL017	1.04	0.36	0.33	0.09	0.00	0.00	1.09	2.91	1.30	0.37	0.43	0.12	0.00	0.00	1.50	3.72
	L30KL018	0.09	0.03	0.00	0.00	0.00	0.00	0.09	0.21	0.11	0.03	0.00	0.00	0.00	0.00	0.13	0.27
	L30KL019	2.40	0.90	1.23	0.34	0.46	0.07	2.55	7.95	3.00	0.92	1.61	0.45	0.61	0.09	3.50	10.18
	L30KL020	0.74	0.26	0.37	0.10	0.00	0.00	0.77	2.24	0.92	0.26	0.48	0.14	0.00	0.00	1.06	2.86
	L30KL021	0.92	0.32	0.29	0.08	0.00	0.00	0.96	2.57	1.15	0.33	0.38	0.11	0.00	0.00	1.32	3.29
	L30KL022	0.12	0.04	0.00	0.00	0.00	0.00	0.12	0.28	0.15	0.04	0.00	0.00	0.00	0.00	0.17	0.36
	L30KL023	0.59	0.21	0.00	0.00	0.00	0.00	0.62	1.42	0.74	0.21	0.00	0.00	0.00	0.00	0.85	1.80
	L30KL024	0.64	0.22	0.21	0.06	0.00	0.00	0.67	1.80	0.80	0.23	0.27	0.08	0.00	0.00	0.92	2.30
	L30KL025	0.88	0.31	0.33	0.09	0.00	0.00	0.92	2.53	1.10	0.31	0.43	0.12	0.00	0.00	1.26	3.22
	L30KL026	1.02	0.36	0.33	0.09	0.00	0.00	1.07	2.87	1.28	0.36	0.43	0.12	0.00	0.00	1.47	3.66
	L30KL027	0.09	0.03	0.00	0.00	0.00	0.00	0.09	0.21	0.11	0.03	0.00	0.00	0.00	0.00	0.13	0.27
	L30KL028	2.60	0.96	1.64	0.46	0.46	0.07	2.76	8.95	3.25	0.99	2.14	0.60	0.61	0.09	3.79	11.47
	L30KL029	0.90	0.32	0.45	0.13	0.00	0.00	0.95	2.75	1.13	0.32	0.59	0.17	0.00	0.00	1.30	3.51
	L30KL030	0.92	0.32	0.37	0.10	0.00	0.00	0.96	2.67	1.15	0.33	0.48	0.14	0.00	0.00	1.32	3.42
	L30KL031	0.12	0.04	0.00	0.00	0.00	0.00	0.12	0.28	0.15	0.04	0.00	0.00	0.00	0.00	0.17	0.36
	L30KL032	0.59	0.21	0.00	0.00	0.00	0.00	0.62	1.42	0.74	0.21	0.00	0.00	0.00	0.00	0.85	1.80
	L30KL033	0.82	0.29	0.21	0.06	0.00	0.00	0.86	2.24	1.03	0.29	0.27	0.08	0.00	0.00	1.19	2.86
	L30KL034	0.97	0.34	0.33	0.09	0.00	0.00	1.01	2.74	1.21	0.35	0.43	0.12	0.00	0.00	1.39	3.50
	L30KL035	1.48	0.52	0.41	0.11	0.00	0.00	1.55	4.07	1.86	0.53	0.54	0.15	0.00	0.00	2.13	5.21
	L30KL036	0.09	0.03	0.00	0.00	0.00	0.00	0.09	0.21	0.11	0.03	0.00	0.00	0.00	0.00	0.13	0.27
	L30KL037	3.49	1.28	2.05	0.57	0.46	0.07	3.69	11.61	4.37	1.31	2.68	0.75	0.61	0.09	5.08	14.89
	L30KL038	1.26	0.44	0.62	0.17	0.00	0.00	1.32	3.81	1.58	0.45	0.80	0.23	0.00	0.00	1.81	4.87
	L30KL039	1.21	0.42	0.41	0.11	0.00	0.00	1.27	3.42	1.51	0.43	0.54	0.15	0.00	0.00	1.74	4.37
	L30KL040	0.12	0.04	0.00	0.00	0.00	0.00	0.12	0.28	0.15	0.04	0.00	0.00	0.00	0.00	0.17	0.36
	L30KL041	0.71	0.25	0.00	0.00	0.00	0.00	0.74	1.70	0.88	0.25	0.00	0.00	0.00	0.00	1.02	2.15
	L30KL042	0.96	0.33	0.33	0.09	0.00	0.00	1.00	2.71	1.20	0.34	0.43	0.12	0.00	0.00	1.38	3.47
	L30KL043	1.74	0.61	0.41	0.11	0.00	0.00	1.82	4.69	2.17	0.62	0.54	0.15	0.00	0.00	2.50	5.98
	L30KL044	1.96	0.68	0.41	0.11	0.00	0.00	2.05	5.21	2.46	0.70	0.54	0.15	0.00	0.00	2.82	6.67
	L30KL045	0.09	0.03	0.00	0.00	0.00	0.00	0.09	0.21	0.11	0.03	0.00	0.00	0.00	0.00	0.13	0.27
	L30KL046	13.73	5.20	5.13	1.44	6.75	1.01	14.63	47.89	17.16	5.33	6.70	1.88	10.72	1.61	20.12	63.52
	L30KL047	15.35	5.77	7.59	2.13	6.88	1.03	16.33	55.08	19.19	5.91	9.91	2.78	10.94	1.64	22.45	72.82
	L30KL048	15.50	5.96	7.59	2.13	9.53	1.43	16.57	58.71	19.37	6.11	9.91	2.78	15.24	2.29	22.79	78.49
	L30KL049	17.56	6.77	11.90	3.33	11.28	1.69	18.79	71.32	21.95	6.94	15.54	4.35	18.07	2.71	25.83	95.39
	L30KL050	17.11	6.38	7.59	2.13	6.75	1.01	18.17	59.14	21.39	6.53	9.91	2.78	10.72	1.61	24.98	77.92

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	RPR	TOTAL RATE	
L30	L30KL051	18.13	6.74	7.59	2.13	6.88	1.03	19.23	61.73	22.66	6.90	9.91	2.78	10.94	1.64	26.45	81.28
	L30KL052	20.28	7.63	11.90	3.33	9.53	1.43	21.57	75.67	25.35	7.81	15.54	4.35	15.24	2.29	29.66	100.24
	L30KL053	22.11	8.36	11.90	3.33	11.28	1.69	23.54	82.21	27.63	8.56	15.54	4.35	18.07	2.71	32.37	109.23
	L30KL054	1.27	0.44	0.33	0.09	0.00	0.00	1.33	3.46	1.59	0.45	0.43	0.12	0.00	0.00	1.83	4.42
	L30KL055	2.14	0.74	0.62	0.17	0.00	0.00	2.23	5.90	2.67	0.76	0.80	0.23	0.00	0.00	3.07	7.53
	L30KL056	2.31	0.80	0.62	0.17	0.00	0.00	2.41	6.31	2.88	0.82	0.80	0.23	0.00	0.00	3.32	8.05
	L30KL057	2.10	0.73	0.62	0.17	0.00	0.00	2.20	5.82	2.63	0.75	0.80	0.23	0.00	0.00	3.03	7.44
L35	L35CA001	4.49	1.55	2.98	1.13	0.00	0.00	6.20	16.35	5.61	1.59	3.90	1.48	0.00	0.00	8.04	20.62
	L35CA002	4.83	1.67	2.98	1.13	0.00	0.00	6.68	17.29	6.04	1.71	3.90	1.48	0.00	0.00	8.66	21.79
	L35CA003	5.09	1.76	3.47	1.32	0.00	0.00	7.04	18.68	6.37	1.80	4.53	1.72	0.00	0.00	9.12	23.54
	L35CA004	8.34	2.88	3.56	1.35	0.00	0.00	11.53	27.66	10.43	2.95	4.65	1.77	0.00	0.00	14.94	34.74
	L35CA005	10.28	3.56	4.89	1.86	0.00	0.00	14.21	34.80	12.86	3.64	6.40	2.43	0.00	0.00	18.42	43.75
	L35CA006	13.52	4.68	6.67	2.53	0.00	0.00	18.69	46.09	16.90	4.79	8.72	3.31	0.00	0.00	24.22	57.94
	L35CA007	20.54	7.10	9.34	3.55	0.00	0.00	28.38	68.91	25.67	7.27	12.21	4.64	0.00	0.00	36.78	86.57
	L35CS001	4.30	1.49	2.80	1.06	0.00	0.00	5.94	15.59	5.37	1.52	3.66	1.39	0.00	0.00	7.70	19.64
	L35CS002	6.34	2.19	3.65	1.39	0.00	0.00	8.76	22.33	7.92	2.24	4.77	1.81	0.00	0.00	11.35	28.09
	L35CS003	8.40	2.90	5.25	1.99	0.00	0.00	11.60	30.14	10.50	2.97	6.86	2.61	0.00	0.00	15.04	37.98
	L35CS004	9.35	3.23	6.22	2.37	0.00	0.00	12.92	34.09	11.69	3.31	8.14	3.09	0.00	0.00	16.74	42.97
	L35FI001	5.53	1.91	3.11	1.18	0.00	0.00	7.65	19.38	6.92	1.96	4.07	1.55	0.00	0.00	9.91	24.41
	L35FI002	6.11	2.11	3.78	1.44	0.00	0.00	8.44	21.88	7.64	2.16	4.94	1.88	0.00	0.00	10.94	27.56
	L35FI003	9.94	3.44	5.65	2.15	0.00	0.00	13.74	34.92	12.43	3.52	7.38	2.81	0.00	0.00	17.80	43.94
	L35FI004	12.66	4.38	7.47	2.84	0.00	0.00	17.49	44.84	15.82	4.48	9.77	3.71	0.00	0.00	22.67	56.45
	L35FI005	19.20	6.64	9.91	3.77	0.00	0.00	26.54	66.06	24.00	6.80	12.97	4.93	0.00	0.00	34.39	83.09
	L35ID001	4.87	1.68	3.11	1.18	0.00	0.00	6.73	17.57	6.09	1.72	4.07	1.55	0.00	0.00	8.72	22.15
	L35ID002	6.44	2.23	3.56	1.35	0.00	0.00	8.91	22.49	8.06	2.28	4.65	1.77	0.00	0.00	11.54	28.30
	L35ID003	9.68	3.35	6.22	2.37	0.00	0.00	13.37	34.99	12.10	3.43	8.14	3.09	0.00	0.00	17.33	44.09
	L35ID004	12.30	4.25	7.34	2.79	0.00	0.00	17.00	43.68	15.37	4.35	9.59	3.65	0.00	0.00	22.03	54.99
	L35ID005	14.88	5.14	9.56	3.63	0.00	0.00	20.56	53.77	18.59	5.27	12.50	4.75	0.00	0.00	26.64	67.75
	L35JD001	3.30	1.14	2.13	0.81	0.00	0.00	4.56	11.94	4.13	1.17	2.79	1.06	0.00	0.00	5.91	15.06
	L35JD002	4.28	1.48	3.11	1.18	0.00	0.00	5.91	15.96	5.35	1.51	4.07	1.55	0.00	0.00	7.66	20.14
	L35JD003	5.84	2.02	4.00	1.52	0.00	0.00	8.07	21.45	7.30	2.07	5.23	1.99	0.00	0.00	10.45	27.04
	L35JD004	7.94	2.74	5.34	2.03	0.00	0.00	10.97	29.02	9.92	2.81	6.98	2.65	0.00	0.00	14.22	36.58
	L35JD005	8.99	3.11	6.22	2.37	0.00	0.00	12.43	33.12	11.24	3.18	8.14	3.09	0.00	0.00	16.11	41.76
	L35KM001	5.90	2.04	3.11	1.18	0.00	0.00	8.16	20.39	7.38	2.09	4.07	1.55	0.00	0.00	10.57	25.66
	L35KM002	8.43	2.91	4.00	1.52	0.00	0.00	11.65	28.51	10.53	2.98	5.23	1.99	0.00	0.00	15.09	35.82
	L35KM003	11.50	3.98	4.89	1.86	0.00	0.00	15.90	38.13	14.38	4.07	6.40	2.43	0.00	0.00	20.60	47.88
	L35KM004	13.59	4.70	6.00	2.28	0.00	0.00	18.79	45.36	16.99	4.81	7.85	2.98	0.00	0.00	24.34	56.97
	L35KM005	15.46	5.35	7.11	2.70	0.00	0.00	21.37	51.99	19.32	5.47	9.30	3.53	0.00	0.00	27.69	65.31
	L35KM006	19.86	6.87	8.89	3.38	0.00	0.00	27.44	66.44	24.82	7.03	11.63	4.42	0.00	0.00	35.57	83.47
L40																	

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		TIRE WEAR		TIRE RPR		TOTAL RATE	TIRE WEAR		TIRE RPR		TOTAL RATE						
		DEPR	CFC	FUEL	FOG		RPR	RPR	FUEL	FOG							
L40	L40CA001	4.15	1.68	2.67	1.12	0.87	0.13	3.27	13.89	5.19	1.72	3.48	1.46	1.67	0.25	4.37	18.14
	L40CA002	5.61	2.24	3.49	1.47	0.87	0.13	4.40	18.21	7.01	2.29	4.55	1.91	1.67	0.25	5.88	23.56
	L40CA003	6.57	2.61	4.51	1.90	0.96	0.14	5.15	21.84	8.21	2.67	5.89	2.48	1.83	0.27	6.88	28.23
	L40CA004	8.14	3.34	5.54	2.33	2.26	0.34	6.44	28.39	10.18	3.41	7.23	3.04	4.32	0.65	8.61	37.44
	L40CA005	10.25	4.22	6.57	2.76	2.99	0.45	8.11	35.35	12.81	4.31	8.57	3.60	5.70	0.86	10.85	46.70
	L40CA006	13.98	5.87	8.86	3.72	5.28	0.79	11.11	49.61	17.47	5.99	11.57	4.86	10.07	1.51	14.87	66.34
	L40CS001	3.38	1.38	2.83	1.19	0.87	0.13	2.67	12.45	4.22	1.41	3.70	1.55	1.67	0.25	3.57	16.37
	L40CS002	4.51	1.82	3.69	1.55	0.96	0.14	3.55	16.22	5.64	1.86	4.82	2.03	1.83	0.27	4.75	21.20
	L40CS003	6.49	2.68	4.51	1.90	1.97	0.30	5.14	22.99	8.11	2.74	5.89	2.48	3.76	0.56	6.87	30.41
	L40CS004	7.82	3.19	6.28	2.64	1.97	0.30	6.17	28.37	9.78	3.26	8.20	3.44	3.76	0.56	8.26	37.26
	L40CS005	10.02	4.12	8.41	3.53	2.85	0.43	7.92	37.28	12.53	4.21	10.98	4.61	5.44	0.82	10.60	49.19
	L40FI001	4.35	1.75	2.91	1.22	0.87	0.13	3.42	14.65	5.43	1.79	3.80	1.60	1.67	0.25	4.57	19.11
	L40FI002	5.16	2.08	3.69	1.55	0.96	0.14	4.06	17.64	6.46	2.12	4.82	2.03	1.83	0.27	5.43	22.96
	L40FI003	5.76	2.33	4.51	1.90	1.18	0.18	4.53	20.39	7.20	2.38	5.89	2.48	2.26	0.34	6.06	26.61
	L40FI004	6.73	2.70	5.13	2.15	1.18	0.18	5.28	23.35	8.41	2.76	6.70	2.81	2.26	0.34	7.07	30.35
	L40FI005	7.21	2.96	5.75	2.41	2.07	0.31	5.70	26.41	9.01	3.03	7.50	3.15	3.95	0.59	7.62	34.85
	L40FI006	9.74	4.04	7.59	3.19	3.14	0.47	7.72	35.89	12.17	4.12	9.91	4.16	5.99	0.90	10.32	47.57
	L40FN001	1.81	0.73	1.97	0.83	0.34	0.05	1.42	7.15	2.26	0.74	2.57	1.08	0.64	0.10	1.90	9.29
	L40FN002	2.05	0.83	1.97	0.83	0.41	0.06	1.62	7.77	2.57	0.85	2.57	1.08	0.78	0.12	2.16	10.13
	L40FN003	2.31	0.94	2.46	1.03	0.49	0.07	1.82	9.12	2.89	0.96	3.21	1.35	0.92	0.14	2.43	11.90
	L40FN004	2.45	1.01	2.59	1.09	0.72	0.11	1.94	9.91	3.06	1.03	3.38	1.42	1.35	0.20	2.59	13.03
	L40FU001	5.62	2.27	3.28	1.38	1.18	0.18	4.42	18.33	7.03	2.32	4.29	1.80	2.26	0.34	5.92	23.96
	L40FU002	6.62	2.65	4.19	1.76	1.18	0.18	5.20	21.78	8.27	2.71	5.47	2.30	2.26	0.34	6.95	28.30
	L40FU003	8.22	3.34	5.75	2.41	1.97	0.30	6.48	28.47	10.27	3.42	7.50	3.15	3.76	0.56	8.67	37.33
	L40FU004	9.88	3.98	6.57	2.76	1.97	0.30	7.77	33.23	12.35	4.07	8.57	3.60	3.76	0.56	10.40	43.31
	L40FU005	13.37	5.48	8.91	3.74	3.60	0.54	10.56	46.20	16.72	5.60	11.63	4.88	6.87	1.03	14.13	60.86
	L40ID001	4.43	1.78	3.28	1.38	0.87	0.13	3.48	15.35	5.54	1.82	4.29	1.80	1.67	0.25	4.66	20.03
	L40ID002	5.47	2.21	4.31	1.81	1.18	0.18	4.31	19.47	6.84	2.26	5.63	2.36	2.26	0.34	5.76	25.45
	L40ID003	6.54	2.62	4.92	2.07	1.18	0.18	5.14	22.65	8.17	2.68	6.43	2.70	2.26	0.34	6.87	29.45
	L40ID004	9.61	3.88	6.77	2.84	1.97	0.30	7.56	32.93	12.02	3.96	8.84	3.71	3.76	0.56	10.12	42.97
	L40ID005	13.35	5.45	8.41	3.53	3.44	0.52	10.54	45.24	16.69	5.57	10.98	4.61	6.56	0.98	14.09	59.48
	L40JD001	4.13	1.67	3.08	1.29	0.87	0.13	3.25	14.42	5.17	1.71	4.02	1.69	1.67	0.25	4.35	18.86
	L40JD002	4.67	1.89	3.90	1.64	0.96	0.14	3.68	16.88	5.84	1.93	5.09	2.14	1.83	0.27	4.92	22.02
	L40JD003	5.53	2.21	4.72	1.98	0.96	0.14	4.34	19.88	6.91	2.26	6.16	2.59	1.83	0.27	5.81	25.83
	L40JD004	7.95	3.22	6.57	2.76	1.77	0.27	6.26	28.80	9.94	3.29	8.57	3.60	3.39	0.51	8.38	37.68
	L40KA001	6.15	2.48	4.43	1.86	1.18	0.18	4.84	21.12	7.69	2.53	5.79	2.43	2.26	0.34	6.47	27.51
	L40KA002	8.55	3.47	6.48	2.72	1.97	0.30	6.74	30.23	10.69	3.55	8.47	3.56	3.76	0.56	9.02	39.61
	L40KA003	9.20	3.73	6.77	2.84	2.07	0.31	7.25	32.17	11.50	3.81	8.84	3.71	3.95	0.59	9.70	42.10
	L40MC001	4.31	1.75	3.04	1.28	0.77	0.12	3.40	14.67	5.39	1.79	3.96	1.67	1.41	0.21	4.54	18.97
	L40MC002	6.38	2.54	3.37	1.41	0.77	0.12	5.00	19.59	7.98	2.60	4.39	1.85	1.41	0.21	6.70	25.14
	L40MC003	7.57	3.02	4.51	1.90	0.95	0.14	5.94	24.03	9.47	3.09	5.89	2.48	1.73	0.26	7.94	30.86

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		TIRE			TIRE			TOTAL RATE	TIRE			TIRE			TOTAL RATE		
		DEPR	CFC	FUEL	FOG	WEAR	RPR		DEPR	CFC	FUEL	FOG	WEAR	RPR			
L40	L40MC004	9.67	3.90	5.95	2.50	1.58	0.24	7.61	31.45	12.09	3.99	7.77	3.26	2.89	0.43	10.18	40.61
	L40MC005	12.00	4.91	7.80	3.27	2.51	0.38	9.47	40.34	15.00	5.01	10.18	4.28	4.60	0.69	12.68	52.44
	L40MC006	14.68	5.94	8.33	3.50	2.51	0.38	11.55	46.89	18.35	6.06	10.88	4.57	4.60	0.69	15.46	60.61
	L40MF001	2.49	1.00	1.85	0.78	0.39	0.06	1.96	8.53	3.11	1.02	2.41	1.01	0.73	0.11	2.62	11.01
	L40MF002	2.79	1.12	2.67	1.12	0.49	0.07	2.19	10.45	3.48	1.15	3.48	1.46	0.92	0.14	2.93	13.56
	L40MF003	2.94	1.19	3.04	1.28	0.62	0.09	2.31	11.47	3.67	1.22	3.96	1.67	1.17	0.18	3.10	14.97
	L40MI001	2.33	0.94	1.07	0.45	0.53	0.08	1.83	7.23	2.91	0.96	1.39	0.59	1.01	0.15	2.45	9.46
	L40MI002	3.43	1.40	2.05	0.86	0.87	0.13	2.71	11.45	4.29	1.43	2.68	1.13	1.67	0.25	3.62	15.07
	L40MI003	3.72	1.51	2.26	0.95	0.87	0.13	2.93	12.37	4.65	1.55	2.95	1.24	1.67	0.25	3.92	16.23
	L40TE001	9.15	3.80	6.57	2.76	2.99	0.45	7.25	32.97	11.43	3.88	8.57	3.60	5.70	0.86	9.70	43.74
	L40TR001	5.21	2.11	3.82	1.60	1.18	0.18	4.10	18.20	6.51	2.16	4.98	2.09	2.26	0.34	5.49	23.83
	L40TR002	5.32	2.16	4.51	1.90	1.18	0.18	4.19	19.44	6.65	2.20	5.89	2.48	2.26	0.34	5.61	25.43
	L40TR003	6.32	2.54	4.88	2.05	1.18	0.18	4.97	22.12	7.90	2.60	6.38	2.68	2.26	0.34	6.64	28.80
	L40TR004	7.97	3.25	7.02	2.95	1.97	0.30	6.29	29.75	9.96	3.32	9.16	3.85	3.76	0.56	8.41	39.02
	L40TR005	9.57	3.97	7.59	3.19	3.14	0.47	7.59	35.52	11.96	4.06	9.91	4.16	5.99	0.90	10.15	47.13
	L40CA007	18.19	7.22	11.08	3.32	6.54	0.98	12.46	59.79	21.82	7.35	14.47	4.34	12.48	1.87	16.01	78.34
	L40CA008	26.60	10.78	15.39	4.62	8.87	1.33	18.29	85.88	31.92	10.96	20.09	6.03	16.94	2.54	23.49	111.97
	L40CA009	52.91	21.86	28.32	8.50	21.69	3.25	36.51	173.04	63.50	22.24	36.97	11.09	41.40	6.21	46.89	228.30
	L40FI007	13.15	5.36	9.44	2.83	6.54	0.98	9.05	47.35	15.77	5.45	12.32	3.70	12.48	1.87	11.62	63.21
	L40FI008	20.95	8.35	14.36	4.31	7.98	1.20	14.37	71.52	25.14	8.50	18.75	5.63	15.24	2.29	18.46	94.01
	L40ID006	19.27	7.62	12.93	3.88	6.54	0.98	13.20	64.42	23.13	7.76	16.88	5.06	12.48	1.87	16.95	84.13
	L40ID007	27.56	10.80	17.03	5.11	7.98	1.20	18.84	88.52	33.07	10.98	22.24	6.67	15.24	2.29	24.20	114.69
	L40ID008	49.14	19.57	24.21	7.26	13.20	1.98	33.69	149.05	58.97	19.91	31.61	9.48	25.19	3.78	43.27	192.21
	L40ID009	109.53	43.71	45.14	13.54	30.15	4.52	75.12	321.71	131.44	44.46	58.94	17.68	57.56	8.63	96.49	415.20
	L40JD005	12.94	5.28	10.67	3.20	6.54	0.98	8.91	48.52	15.52	5.37	13.93	4.18	12.48	1.87	11.44	64.79
	L40KA004	11.99	4.71	9.28	2.78	3.60	0.54	8.20	41.10	14.39	4.79	12.11	3.63	6.87	1.03	10.53	53.35
	L40KA005	16.48	6.59	12.72	3.82	6.54	0.98	11.31	58.44	19.78	6.71	16.61	4.98	12.48	1.87	14.53	76.96
	L40KA006	25.28	10.13	15.72	4.72	7.40	1.11	17.35	81.71	30.34	10.31	20.52	6.16	14.12	2.12	22.29	105.86
	L40MC007	15.45	6.21	10.34	3.10	5.23	0.78	10.61	51.72	18.54	6.32	13.50	4.05	9.59	1.44	13.63	67.07
	L40MC008	17.94	7.33	11.90	3.57	5.25	0.79	12.36	59.14	21.53	7.46	15.54	4.66	9.62	1.44	15.87	76.12
	L40MC009	26.89	10.70	14.77	4.43	5.65	0.85	18.44	81.73	32.27	10.88	19.29	5.79	10.36	1.55	23.68	103.82
	L40MC010	28.97	11.65	17.11	5.13	7.10	1.07	19.90	90.93	34.76	11.86	22.34	6.70	13.01	1.95	25.56	116.18
	L40MC011	48.98	20.41	26.68	8.00	17.35	2.60	33.84	157.86	58.77	20.76	34.83	10.45	31.81	4.77	43.47	204.86
	L40MC012	53.77	22.18	27.87	8.36	17.35	2.60	37.09	169.22	64.52	22.56	36.38	10.91	31.81	4.77	47.63	218.58
	L40TE002	12.97	5.04	10.14	3.04	3.14	0.47	8.86	43.66	15.57	5.12	13.23	3.97	5.99	0.90	11.38	56.16
	L40TE003	18.28	7.26	12.93	3.88	6.54	0.98	12.53	62.40	21.94	7.38	16.88	5.06	12.48	1.87	16.09	81.70
	L40TE004	23.75	9.57	15.92	4.78	7.40	1.11	16.31	78.84	28.49	9.73	20.79	6.24	14.12	2.12	20.95	102.44
	L40TE005	27.77	11.21	18.88	5.66	8.87	1.33	19.08	92.80	33.32	11.40	24.65	7.39	16.94	2.54	24.51	120.75
	L40TR006	11.76	4.62	9.48	2.84	3.60	0.54	8.05	40.89	14.11	4.70	12.38	3.71	6.87	1.03	10.33	53.13
	L40TR007	16.54	6.61	12.07	3.62	6.54	0.98	11.35	57.71	19.85	6.73	15.75	4.73	12.48	1.87	14.58	75.99
	L40TR008	21.57	8.70	16.42	4.92	6.87	1.03	14.82	74.33	25.88	8.85	21.43	6.43	13.11	1.97	19.04	96.71

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	
L55	L55KN002	1.57	0.35	0.00	1.06	0.00	0.00	1.64	4.62								
	L55KN003	3.23	0.72	0.00	2.01	0.00	0.00	3.38	9.34								
	L55KN004	0.65	0.15	0.00	0.25	0.00	0.00	0.68	1.73								
	L55KN005	1.29	0.29	0.00	0.37	0.00	0.00	1.35	3.30								
L60	L60CA001	6.16	2.08	3.90	1.09	1.90	0.29	4.74	20.16	7.70	2.13	5.09	1.43	3.97	0.60	6.30	27.22
	L60CA002	7.46	2.48	3.90	1.09	1.90	0.29	5.72	22.84	9.32	2.55	5.09	1.43	3.97	0.60	7.60	30.56
	L60CA003	7.09	2.37	4.92	1.38	1.90	0.29	5.45	23.40	8.87	2.43	6.43	1.80	3.97	0.60	7.24	31.34
	L60CA004	8.93	2.94	5.34	1.49	1.90	0.29	6.85	27.74	11.17	3.02	6.97	1.95	3.97	0.60	9.09	36.77
	L60CA005	9.94	3.37	7.18	2.01	3.37	0.51	7.66	34.04	12.42	3.47	9.38	2.63	7.05	1.06	10.17	46.18
	L60CA006	9.93	3.32	5.34	1.49	2.72	0.41	7.63	30.84	12.41	3.41	6.97	1.95	5.70	0.86	10.14	41.44
	L60CA007	23.79	7.43	5.54	1.55	0.00	0.00	18.08	56.39	29.73	7.64	7.23	2.03	0.00	0.00	24.01	70.64
	L60JD001	6.29	2.07	4.10	1.15	1.36	0.20	4.82	19.99	7.86	2.13	5.36	1.50	2.86	0.43	6.40	26.54
	L60JD002	6.56	2.32	4.92	1.38	3.37	0.51	5.09	24.15	8.20	2.38	6.43	1.80	7.05	1.06	6.76	33.68
	L60JD003	7.01	2.30	4.10	1.15	1.36	0.20	5.37	21.49	8.76	2.36	5.36	1.50	2.86	0.43	7.13	28.40
	L60JD004	7.57	2.63	4.92	1.38	3.37	0.51	5.85	26.23	9.46	2.71	6.43	1.80	7.05	1.06	7.77	36.28
	L60JD005	10.35	3.80	6.48	1.82	7.08	1.06	8.09	38.68	12.94	3.91	8.47	2.37	14.83	2.22	10.74	55.48
	L60JD006	8.78	3.01	5.95	1.67	3.37	0.51	6.78	30.07	10.98	3.10	7.77	2.18	7.05	1.06	9.00	41.14
	L60RN001	6.40	2.11	4.27	1.20	1.09	0.16	4.91	20.14	8.00	2.17	5.57	1.56	2.22	0.33	6.52	26.37
	L60RN002	6.93	2.43	5.42	1.52	2.70	0.41	5.37	24.78	8.67	2.50	7.07	1.98	5.47	0.82	7.14	33.65
	L60RN003	8.12	2.81	6.53	1.83	2.70	0.41	6.28	28.68	10.15	2.88	8.52	2.39	5.47	0.82	8.34	38.57
	L60RN004	9.56	3.75	8.91	2.49	7.67	1.15	7.56	41.09	11.95	3.86	11.63	3.26	15.58	2.34	10.04	58.66
P10	P10IC001	8.15	2.47	6.36	2.04	0.00	0.00	8.59	27.61								
	P10IC002	13.21	4.01	10.26	3.28	0.00	0.00	13.93	44.69								
	P10IC003	14.97	4.54	10.26	3.28	0.00	0.00	15.79	48.84								
	P10IC004	21.10	6.41	20.64	6.61	0.00	0.00	22.25	77.01								
	P10IC005	34.21	10.38	26.68	8.54	0.00	0.00	36.08	115.89								
	P10XX001	1.31	0.40	0.00	1.00	0.00	0.00	1.38	4.09								
	P10XX002	1.59	0.48	0.00	2.00	0.00	0.00	1.68	5.75								
	P10XX003	2.65	0.80	0.00	3.00	0.00	0.00	2.79	9.24								
P20	P20IC001	4.43	1.35	0.94	0.30	0.00	0.00	6.43	13.45								
	P20IC002	7.04	2.14	2.05	0.66	0.00	0.00	10.21	22.10								
	P20IC003	7.67	2.33	3.12	1.00	0.00	0.00	11.13	25.25								
	P20IC004	8.11	2.46	3.69	1.18	0.00	0.00	11.76	27.20								
	P20IC005	11.22	3.41	5.46	1.75	0.00	0.00	16.27	38.11								
	P20IC006	12.60	3.82	5.58	1.79	0.00	0.00	18.27	42.06								
	P20MK001	5.10	1.55	0.00	0.32	0.00	0.00	7.40	14.37								
	P20MK002	1.57	0.48	0.00	0.25	0.00	0.00	2.28	4.58								
	P20MK003	1.99	0.60	0.00	0.34	0.00	0.00	2.89	5.82								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS						
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE			
P20	P20MK004	2.48	0.75	0.00	0.45	0.00	0.00	3.60	7.28						
	P20MK005	4.40	1.34	0.00	0.51	0.00	0.00	6.38	12.63						
	P20MK006	4.58	1.39	0.00	0.66	0.00	0.00	6.64	13.27						
	P20MK007	5.27	1.60	0.00	0.66	0.00	0.00	7.64	15.17						
	P20VU001	5.69	1.73	0.00	0.68	0.00	0.00	8.25	16.35						
	P20VU002	6.50	1.97	0.00	0.80	0.00	0.00	9.43	18.70						
	P20VU003	6.99	2.12	0.00	0.95	0.00	0.00	10.14	20.20						
	P20VU004	8.57	2.60	0.00	1.12	0.00	0.00	12.43	24.72						
	P20VU005	10.52	3.19	0.00	1.17	0.00	0.00	15.26	30.14						
	P20VU006	15.17	4.60	0.00	1.39	0.00	0.00	21.99	43.15						
P25	P25MK001	5.62	1.71	0.00	0.32	0.00	0.00	7.41	15.06						
	P25MK002	6.45	1.96	0.00	0.51	0.00	0.00	8.51	17.43						
	P25MK003	8.88	2.70	0.00	0.61	0.00	0.00	11.71	23.90						
	P25VU001	4.20	1.27	0.00	0.45	0.00	0.00	5.53	11.45						
	P25VU002	4.97	1.51	0.00	0.51	0.00	0.00	6.55	13.54						
	P25VU003	6.02	1.83	0.00	0.61	0.00	0.00	7.94	16.40						
	P25VU004	6.37	1.93	0.00	0.75	0.00	0.00	8.40	17.45						
	P25VU005	7.19	2.18	0.00	0.65	0.00	0.00	9.48	19.50						
	P25VU006	8.67	2.63	0.00	0.95	0.00	0.00	11.43	23.68						
	P25VU007	9.77	2.97	0.00	0.95	0.00	0.00	12.88	26.57						
	P25VU008	12.78	3.88	0.00	1.17	0.00	0.00	16.85	34.68						
	P25VU009	15.08	4.58	0.00	1.28	0.00	0.00	19.87	40.81						
P30	P30MK001	8.29	2.52	4.64	1.48	0.00	0.00	10.93	27.86						
	P30MK002	15.98	4.85	11.49	3.68	0.00	0.00	21.07	57.07						
	P30MK003	19.28	5.85	14.36	4.60	0.00	0.00	25.42	69.51						
	P30MK004	25.09	7.62	22.57	7.22	0.00	0.00	33.07	95.57						
	P30MK005	28.05	8.52	26.68	8.54	0.00	0.00	36.98	108.77						
P35	P35CA001	9.18	4.17	2.39	0.96	0.00	0.00	10.68	27.38	11.02	4.24	2.99	1.20	0.00	0.00
	P35CA002	15.02	6.83	4.56	1.82	0.00	0.00	17.47	45.70	18.02	6.93	5.70	2.28	0.00	0.00
	P35CA003	16.37	7.45	4.56	1.82	0.00	0.00	19.06	49.26	19.65	7.55	5.70	2.28	0.00	0.00
	P35CA004	21.55	9.80	6.84	2.74	0.00	0.00	25.07	66.00	25.85	9.94	8.55	3.42	0.00	0.00
P40	P40GV001	2.79	0.85	1.67	0.54	0.24	0.04	2.46	8.59						
	P40GV002	3.09	0.93	2.18	0.70	0.26	0.04	2.72	9.92						
	P40GV003	3.96	1.18	2.18	0.70	0.26	0.04	3.48	11.80						
	P40GV004	6.51	1.91	2.18	1.30	0.18	0.03	5.69	17.80						
	P40GV005	9.13	2.86	4.51	2.19	1.44	0.22	8.10	28.45						
	P40GV006	11.37	3.47	4.51	2.04	1.20	0.18	10.03	32.80						

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
P40	P40GV007	13.89	4.18	4.51	2.04	1.08	0.16	12.22	38.08							
	P40GV008	19.82	5.90	4.51	2.14	1.08	0.16	17.38	50.99							
	P40GV009	4.55	1.34	1.46	1.07	0.15	0.02	3.98	12.57							
	P40GV010	5.65	1.66	2.40	1.37	0.15	0.02	4.94	16.19							
	P40GV011	10.15	3.01	3.86	1.83	0.52	0.08	8.89	28.34							
	P40RE001	6.56	1.92	12.01	4.34	0.18	0.03	5.73	30.77							
P45	P45CG001	0.30	0.08	0.00	0.05	0.00	0.00	0.29	0.72							
	P45CG002	0.53	0.14	0.00	0.10	0.00	0.00	0.52	1.29							
	P45CG003	1.40	0.36	0.00	0.15	0.00	0.00	1.37	3.28							
	P45CG004	2.53	0.65	0.00	0.31	0.00	0.00	2.47	5.96							
	P45CG005	2.70	0.70	1.33	0.37	0.03	0.00	2.65	7.78							
P50	P50HO001	0.10	0.03	0.65	0.21	0.00	0.00	0.10	1.09							
	P50HO002	0.17	0.05	0.34	0.13	0.00	0.00	0.17	0.86							
	P50HO003	0.13	0.04	1.04	0.33	0.00	0.00	0.13	1.67							
	P50HO004	0.27	0.08	0.46	0.17	0.00	0.00	0.27	1.25							
	P50HO005	0.27	0.09	2.08	0.67	0.00	0.00	0.28	3.39							
	P50WC001	0.10	0.03	0.65	0.21	0.00	0.00	0.10	1.09							
	P50WC002	0.12	0.04	1.04	0.33	0.00	0.00	0.12	1.65							
	P50WC003	0.49	0.16	0.68	0.26	0.00	0.00	0.50	2.09							
	P50WC004	1.14	0.36	2.00	0.76	0.00	0.00	1.16	5.42							
P55	P55GR001	0.14	0.05	0.31	0.14	0.00	0.00	0.09	0.73							
	P55GR002	0.19	0.07	0.77	0.34	0.00	0.00	0.13	1.50							
	P55GR003	0.76	0.29	3.83	1.72	0.00	0.00	0.51	7.11							
	P55GR004	0.96	0.37	9.18	4.13	0.00	0.00	0.65	15.29							
	P55ML001	0.10	0.04	0.15	0.07	0.00	0.00	0.07	0.43							
	P55ML002	0.15	0.06	0.31	0.14	0.00	0.00	0.10	0.76							
	P55ML003	0.20	0.08	1.22	0.55	0.00	0.00	0.13	2.18							
	P55WC001	0.21	0.08	0.46	0.50	0.00	0.00	0.14	1.39							
	P55WC002	0.26	0.10	0.92	0.76	0.00	0.00	0.17	2.21							
P60	P55WC003	0.27	0.11	1.68	1.13	0.00	0.00	0.18	3.37							
	P60HO001	0.05	0.01	0.39	0.12	0.00	0.00	0.05	0.62							
	P60HO002	0.06	0.02	0.39	0.12	0.00	0.00	0.07	0.66							
	P60HO003	0.11	0.04	1.04	0.33	0.00	0.00	0.11	1.63							
	P60ML001	0.96	0.30	4.95	1.58	0.00	0.00	0.97	8.76							
	P60ML002	1.02	0.32	1.71	0.65	0.00	0.00	1.04	4.74							
	P60ML003	1.45	0.46	10.29	3.29	0.00	0.00	1.46	16.95							
	P60ML004	1.87	0.59	3.42	1.30	0.00	0.00	1.89	9.07							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
P60	P60ML005	2.41	0.76	3.99	1.52	0.00	0.00	2.44	11.12							
	P60ML006	2.50	0.79	3.88	1.47	0.00	0.00	2.53	11.17							
P65	P65HO001	0.10	0.03	0.39	0.12	0.00	0.00	0.10	0.74							
	P65HO002	0.12	0.04	0.39	0.12	0.00	0.00	0.12	0.79							
P70	P70AD001	0.09	0.03	0.26	0.08	0.00	0.00	0.08	0.54							
R10	R10CA001	0.33	0.09	0.00	0.08	0.00	0.00	0.30	0.80	0.40	0.10	0.00	0.08	0.00	0.00	0.42 1.00
	R10CA002	0.02	0.01	0.00	0.00	0.00	0.00	0.02	0.05	0.02	0.01	0.00	0.00	0.00	0.00	0.02 0.05
R10	R10CA003	0.60	0.17	0.00	0.08	0.00	0.00	0.56	1.41	0.74	0.18	0.00	0.08	0.00	0.00	0.77 1.77
	R10CA004	0.04	0.01	0.00	0.00	0.00	0.00	0.03	0.08	0.04	0.01	0.00	0.00	0.00	0.00	0.05 0.10
R10	R10CA005	0.99	0.28	0.00	0.08	0.00	0.00	0.92	2.27	1.22	0.29	0.00	0.08	0.00	0.00	1.26 2.85
	R10CA006	0.07	0.02	0.00	0.00	0.00	0.00	0.07	0.16	0.09	0.02	0.00	0.00	0.00	0.00	0.09 0.20
R10	R10CA007	1.36	0.39	0.00	0.08	0.00	0.00	1.26	3.09	1.67	0.40	0.00	0.08	0.00	0.00	1.73 3.88
	R10CA008	0.07	0.02	0.00	0.00	0.00	0.00	0.07	0.16	0.09	0.02	0.00	0.00	0.00	0.00	0.09 0.20
R10	R10CA009	2.23	0.63	0.00	0.08	0.00	0.00	2.07	5.01	2.74	0.65	0.00	0.08	0.00	0.00	2.83 6.30
	R10CA010	0.12	0.03	0.00	0.00	0.00	0.00	0.11	0.26	0.15	0.04	0.00	0.00	0.00	0.00	0.15 0.34
R10	R10CA011	3.69	1.05	0.00	0.10	0.00	0.00	3.43	8.27	4.54	1.08	0.00	0.10	0.00	0.00	4.69 10.41
	R10CA012	3.65	1.04	0.00	0.10	0.00	0.00	3.39	8.18	4.49	1.07	0.00	0.10	0.00	0.00	4.64 10.30
R10	R10CA013	0.24	0.07	0.00	0.00	0.00	0.00	0.22	0.53	0.29	0.07	0.00	0.00	0.00	0.00	0.30 0.66
	R10CA014	4.16	1.18	0.00	0.16	0.00	0.00	3.86	9.36	5.11	1.21	0.00	0.16	0.00	0.00	5.28 11.76
R10	R10CA015	3.94	1.12	0.00	0.16	0.00	0.00	3.67	8.89	4.85	1.15	0.00	0.16	0.00	0.00	5.01 11.17
	R10CA016	0.25	0.07	0.00	0.00	0.00	0.00	0.24	0.56	0.31	0.07	0.00	0.00	0.00	0.00	0.32 0.70
R10	R10CA017	5.84	1.66	0.00	0.21	0.00	0.00	5.43	13.14	7.18	1.71	0.00	0.21	0.00	0.00	7.42 16.52
	R10CA018	5.94	1.69	0.00	0.22	0.00	0.00	5.52	13.37	7.31	1.74	0.00	0.22	0.00	0.00	7.55 16.82
R10	R10CA019	0.42	0.12	0.00	0.00	0.00	0.00	0.39	0.93	0.51	0.12	0.00	0.00	0.00	0.00	0.53 1.16
	R10CA020	7.81	2.22	0.00	0.23	0.00	0.00	7.26	17.52	9.61	2.28	0.00	0.23	0.00	0.00	9.93 22.05
R10	R10CA021	7.35	2.09	0.00	0.25	0.00	0.00	6.84	16.53	9.05	2.15	0.00	0.25	0.00	0.00	9.35 20.80
	R10CA022	0.47	0.13	0.00	0.00	0.00	0.00	0.43	1.03	0.58	0.14	0.00	0.00	0.00	0.00	0.59 1.31
R10	R10FI001	2.19	0.62	0.00	0.09	0.00	0.00	2.04	4.94	2.69	0.64	0.00	0.09	0.00	0.00	2.78 6.20
	R10FI002	3.62	1.03	0.00	0.10	0.00	0.00	3.37	8.12	4.46	1.06	0.00	0.10	0.00	0.00	4.61 10.23
R10	R10FI003	4.52	1.29	0.00	0.10	0.00	0.00	4.21	10.12	5.57	1.32	0.00	0.10	0.00	0.00	5.75 12.74
	R10FI004	4.59	1.31	0.00	0.20	0.00	0.00	4.27	10.37	5.65	1.34	0.00	0.20	0.00	0.00	5.84 13.03
R10	R10FI005	5.82	1.65	0.00	0.20	0.00	0.00	5.41	13.08	7.16	1.70	0.00	0.20	0.00	0.00	7.40 16.46
	R10FI006	5.61	1.60	0.00	0.28	0.00	0.00	5.22	12.71	6.91	1.64	0.00	0.28	0.00	0.00	7.14 15.97
R15	R15SO001	5.75	2.50	0.00	0.40	2.17	0.33	4.31	15.46							
	R15SO002	6.05	2.75	0.00	0.45	2.82	0.42	4.59	17.08							
R30	R15SO003	9.45	4.01	0.00	0.67	3.16	0.47	7.04	24.80							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS						
		TIRE		TIRE		TOTAL RATE	TIRE		TIRE		TOTAL RATE				
		DEPR	CFC	FUEL	FOG		WEAR	RPR	RPR	WEAR	RPR	RPR	RPR		
R30	R30B0001	3.76	1.14	3.00	0.72	0.59	0.09	2.72		12.02					
	R30B0002	7.76	2.35	4.23	1.01	1.14	0.17	5.60		22.26					
	R30B0003	8.23	2.48	4.23	1.01	1.14	0.17	5.94		23.20					
	R30CA001	5.23	1.58	3.16	0.76	0.79	0.12	3.77		15.41					
	R30CA002	5.42	1.61	3.16	0.76	0.65	0.10	3.89		15.59					
	R30FR001	4.17	1.26	3.49	0.84	0.57	0.09	3.01		13.43					
	R30FR002	4.67	1.40	3.49	0.84	0.57	0.09	3.36		14.42					
	R30FR003	5.48	1.65	3.49	0.84	0.72	0.11	3.95		16.24					
	R30FR004	8.88	2.69	4.97	1.19	1.34	0.20	6.41		25.68					
	R30HY001	4.63	1.39	3.32	0.80	0.57	0.09	3.34		14.14					
	R30IG001	3.46	1.06	3.12	0.75	0.57	0.09	2.50		11.55					
	R30IG002	4.12	1.25	3.12	0.75	0.57	0.09	2.97		12.87					
	R30IG003	4.38	1.34	3.28	0.79	0.72	0.11	3.16		13.78					
	R30IG004	4.52	1.39	3.28	0.79	0.83	0.12	3.27		14.20					
	R30IG005	8.31	2.56	4.72	1.13	1.48	0.22	6.02		24.44					
	R30IG006	8.71	2.67	6.44	1.55	1.48	0.22	6.31		27.38					
	R30IN001	4.22	1.27	3.12	0.75	0.60	0.09	3.04		13.09					
	R30IN002	5.44	1.62	3.57	0.86	0.60	0.09	3.91		16.09					
	R30FR005	2.66	0.92	2.05	0.49	0.00	0.00	2.16		8.28					
	R30FR006	3.15	1.09	2.05	0.49	0.00	0.00	2.56		9.34					
	R30FR007	4.69	1.62	3.49	0.84	0.00	0.00	3.81		14.45					
	R30FR008	4.90	1.69	3.49	0.84	0.00	0.00	3.98		14.90					
	R30FR009	5.13	1.77	3.49	0.84	0.00	0.00	4.17		15.40					
	R30FR010	5.35	1.85	3.49	0.84	0.00	0.00	4.35		15.88					
	R30HY002	3.00	1.04	1.97	0.47	0.00	0.00	2.44		8.92					
	R30HY003	3.55	1.23	1.97	0.47	0.00	0.00	2.89		10.11					
	R30HY004	4.36	1.51	3.28	0.79	0.00	0.00	3.54		13.48					
	R30HY005	4.65	1.61	3.28	0.79	0.00	0.00	3.78		14.11					
	R30HY006	5.19	1.79	3.28	0.79	0.00	0.00	4.22		15.27					
	R30HY007	5.49	1.90	3.28	0.79	0.00	0.00	4.46		15.92					
	R30ID001	2.94	1.01	1.81	0.43	0.00	0.00	2.39		8.58					
	R30ID002	3.55	1.23	1.81	0.43	0.00	0.00	2.88		9.90					
	R30ID003	4.72	1.63	3.57	0.86	0.00	0.00	3.84		14.62					
	R30ID004	5.03	1.74	3.57	0.86	0.00	0.00	4.09		15.29					
	R30ID005	5.35	1.85	3.57	0.86	0.00	0.00	4.34		15.97					
	R30ID006	5.68	1.96	3.57	0.86	0.00	0.00	4.62		16.69					
	R30IG007	4.57	1.58	3.12	0.75	0.00	0.00	3.71		13.73					
	R30IG008	4.78	1.65	3.12	0.75	0.00	0.00	3.88		14.18					
	R30IG009	5.12	1.77	3.12	0.75	0.00	0.00	4.16		14.92					
	R30IG010	2.36	0.82	5.07	1.22	0.00	0.00	1.92		11.39					
	R30IG011	2.94	1.02	5.07	1.22	0.00	0.00	2.39		12.64					

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
R30	R30IG012	3.76	1.30	3.28	0.79	0.00	0.00	3.06	12.19							
	R30IG013	3.98	1.38	3.49	0.84	0.00	0.00	3.24	12.93							
	R30IG014	4.38	1.51	3.28	0.79	0.00	0.00	3.56	13.52							
	R30IG015	4.63	1.60	3.28	0.79	0.00	0.00	3.76	14.06							
	R30RS001	0.55	0.19	1.31	0.32	0.00	0.00	0.45	2.82							
	R30RS002	0.77	0.27	1.69	0.41	0.00	0.00	0.63	3.77							
	R30CA003	15.25	5.27	8.62	2.07	0.00	0.00	12.39	43.60							
	R30CA004	15.30	5.28	8.62	2.07	0.00	0.00	12.43	43.70							
	R30CA005	23.24	8.03	12.72	3.05	0.00	0.00	18.88	65.92							
	R30CA006	24.14	8.34	12.72	3.05	0.00	0.00	19.62	67.87							
	R30CA007	24.58	8.49	12.72	3.05	0.00	0.00	19.97	68.81							
R40	R40CA001	2.23	0.63	2.00	0.64	0.00	0.00	1.82	7.32							
	R40CA002	2.03	0.57	2.00	0.64	0.00	0.00	1.65	6.89							
	R40HY001	2.62	0.74	4.69	1.50	0.00	0.00	2.13	11.68							
	R40HY002	3.22	0.91	4.69	1.50	0.00	0.00	2.62	12.94							
	R40HY003	3.21	0.91	2.05	0.66	0.00	0.00	2.61	9.44							
	R40HY004	3.82	1.08	2.05	0.66	0.00	0.00	3.10	10.71							
	R40SO001	11.34	3.21	2.85	0.91	0.00	0.00	9.21	27.52							
	R40SO002	11.92	3.37	4.28	1.37	0.00	0.00	9.69	30.63							
R45	R45BO001	3.37	0.95	2.00	0.64	0.00	0.00	3.76	10.72							
	R45BO002	7.21	2.04	4.22	1.35	0.00	0.00	8.07	22.89							
	R45BO003	8.55	2.42	4.22	1.35	0.00	0.00	9.56	26.10							
	R45BO004	9.36	2.65	5.81	1.86	0.00	0.00	10.47	30.15							
	R45BO005	9.88	2.80	5.81	1.86	0.00	0.00	11.05	31.40							
	R45CA001	2.77	0.78	1.88	0.60	0.00	0.00	3.10	9.13							
	R45CA002	3.27	0.93	1.88	0.60	0.00	0.00	3.66	10.34							
	R45CA003	3.76	1.06	3.14	1.00	0.00	0.00	4.20	13.16							
	R45CA004	7.79	2.20	3.99	1.28	0.00	0.00	8.71	23.97							
	R45CA005	7.68	2.17	4.56	1.46	0.00	0.00	8.58	24.45							
	R45CA006	9.79	2.77	5.19	1.66	0.00	0.00	10.94	30.35							
	R45CA007	9.72	2.75	7.13	2.28	0.00	0.00	10.86	32.74							
	R45CA008	11.82	3.34	8.84	2.83	0.00	0.00	13.22	40.05							
	R45DY001	3.72	1.05	1.77	0.57	0.00	0.00	4.15	11.26							
	R45DY002	9.07	2.56	4.10	1.31	0.00	0.00	10.13	27.17							
	R45DY003	11.24	3.18	7.01	2.24	0.00	0.00	12.56	36.23							
	R45DY004	16.46	4.66	11.97	3.83	0.00	0.00	18.40	55.32							
	R45DY005	15.15	4.29	8.78	2.81	0.00	0.00	16.94	47.97							
	R45HY001	9.58	2.71	7.41	2.37	0.00	0.00	10.71	32.78							
	R45HY002	9.63	2.72	5.81	1.86	0.00	0.00	10.76	30.78							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS						
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE
R45	R45ID001	4.10	1.16	2.34	0.75	0.00	0.00	4.58	12.93						
	R45ID002	4.74	1.34	2.34	0.75	0.00	0.00	5.30	14.47						
	R45ID003	10.69	3.02	6.84	2.19	0.00	0.00	11.95	34.69						
	R45IN001	3.04	0.86	1.77	0.57	0.00	0.00	3.40	9.64						
	R45IN002	3.43	0.97	1.77	0.57	0.00	0.00	3.83	10.57						
	R45IN003	3.76	1.06	1.82	0.58	0.00	0.00	4.20	11.42						
	R45IN004	8.32	2.35	3.99	1.28	0.00	0.00	9.31	25.25						
	R45IN005	10.25	2.90	6.38	2.04	0.00	0.00	11.45	33.02						
	R45IN006	10.43	2.95	6.56	2.10	0.00	0.00	11.66	33.70						
	R45IN007	14.23	4.03	8.89	2.85	0.00	0.00	15.91	45.91						
	R45RS001	1.09	0.31	2.34	0.75	0.00	0.00	1.22	5.71						
	R45RS002	2.53	0.71	1.71	0.55	0.00	0.00	2.82	8.32						
	R45TA001	7.44	2.10	4.45	1.42	0.00	0.00	8.31	23.72						
	R45TA002	9.23	2.61	5.81	1.86	0.00	0.00	10.32	29.83						
R50	R50BO001	6.86	1.97	2.91	0.93	0.23	0.03	7.00	19.93						
	R50BO002	6.74	1.94	4.05	1.30	0.25	0.04	6.87	21.19						
	R50BO003	9.56	2.77	6.78	2.17	0.55	0.08	9.77	31.68						
	R50BO004	13.91	4.00	10.60	3.39	0.55	0.08	14.19	46.72						
	R50CA001	5.86	1.67	4.39	1.40	0.13	0.02	5.97	19.44						
	R50CA002	6.57	1.87	4.39	1.40	0.13	0.02	6.69	21.07						
	R50CA003	6.53	1.88	5.81	1.86	0.25	0.04	6.66	23.03						
	R50CA004	8.29	2.38	5.81	1.86	0.25	0.04	8.45	27.08						
	R50CA005	7.59	2.18	5.81	1.86	0.25	0.04	7.74	25.47						
	R50CA006	8.82	2.57	8.84	2.83	0.61	0.09	9.02	32.78						
	R50CA007	10.72	3.11	8.84	2.83	0.61	0.09	10.96	37.16						
	R50CA008	9.45	2.75	8.84	2.83	0.61	0.09	9.66	34.23						
	R50CA009	9.63	2.80	8.27	2.64	0.61	0.09	9.85	33.89						
	R50CA010	10.75	3.11	8.27	2.64	0.61	0.09	10.98	36.45						
	R50DY001	8.18	2.34	5.59	1.79	0.24	0.04	8.33	26.51						
	R50DY002	9.36	2.67	5.59	1.79	0.22	0.03	9.53	29.19						
	R50DY003	9.74	2.84	8.61	2.75	0.70	0.11	9.97	34.72						
	R50DY004	11.69	3.38	8.61	2.75	0.61	0.09	11.94	39.07						
	R50DY005	11.77	3.40	8.61	2.75	0.61	0.09	12.02	39.25						
	R50HY001	6.23	1.97	4.56	1.46	1.34	0.20	6.49	22.25						
	R50HY002	6.70	2.10	4.56	1.46	1.34	0.20	6.97	23.33						
	R50HY003	6.93	2.17	4.56	1.46	1.34	0.20	7.20	23.86						
	R50HY004	7.28	2.27	4.56	1.46	1.34	0.20	7.56	24.67						
	R50HY005	5.84	1.86	6.10	1.95	1.70	0.26	6.09	23.80						
	R50HY006	6.81	2.13	4.67	1.50	1.70	0.26	7.08	24.15						
	R50HY007	7.20	2.07	6.10	1.95	0.20	0.03	7.34	24.89						

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
R50	R50HY008	7.74	2.23	6.10	1.95	0.23	0.03	7.90	26.18							
	R50HY009	9.17	2.66	8.27	2.64	0.55	0.08	9.37	32.74							
	R50HY010	10.06	2.91	8.27	2.64	0.44	0.07	10.27	34.66							
	R50HY011	10.47	3.03	8.27	2.64	0.55	0.08	10.69	35.73							
	R50HY012	10.85	3.16	8.27	2.64	0.74	0.11	11.10	36.87							
	R50HY013	11.36	3.28	8.27	2.64	0.44	0.07	11.59	37.65							
	R50ID001	7.55	2.17	4.56	1.46	0.25	0.04	7.70	23.73							
	R50ID002	8.25	2.37	4.56	1.46	0.20	0.03	8.41	25.28							
	R50ID003	8.31	2.38	4.56	1.46	0.24	0.04	8.47	25.46							
	R50ID004	9.13	2.61	4.56	1.46	0.20	0.03	9.30	27.29							
	R50ID005	9.07	2.60	6.84	2.19	0.28	0.04	9.24	30.26							
	R50ID006	9.85	2.85	6.84	2.19	0.52	0.08	10.06	32.39							
	R50ID007	10.05	2.88	6.84	2.19	0.22	0.03	10.24	32.45							
	R50ID008	10.68	3.06	6.84	2.19	0.22	0.03	10.88	33.90							
	R50IN001	5.66	1.63	3.08	0.98	0.22	0.03	5.78	17.38							
	R50IN002	6.05	1.74	3.08	0.98	0.22	0.03	6.17	18.27							
	R50TA001	6.57	1.89	4.45	1.42	0.23	0.03	6.70	21.29							
	R50TA002	6.92	1.99	4.45	1.42	0.24	0.04	7.05	22.11							
	R50TA003	7.34	2.10	4.45	1.42	0.23	0.03	7.48	23.05							
	R50TA004	8.83	2.56	7.52	2.41	0.55	0.08	9.02	30.97							
	R50TA005	9.67	2.80	7.52	2.41	0.52	0.08	9.87	32.87							
	R50TA006	9.33	2.71	7.52	2.41	0.55	0.08	9.53	32.13							
	R50TA007	10.04	2.91	7.52	2.41	0.55	0.08	10.25	33.76							
R55	R55AE001	0.92	0.19	0.00	0.50	0.03	0.00	0.72	2.36							
	R55AE002	1.14	0.24	0.00	0.50	0.04	0.01	0.90	2.83							
	R55AE003	1.48	0.31	0.00	0.75	0.08	0.01	1.17	3.80							
	R55AE004	1.79	0.39	0.00	2.00	0.16	0.02	1.42	5.78							
	R55AE005	2.94	0.60	2.00	0.48	0.04	0.01	2.31	8.38							
	R55AE006	3.29	0.67	2.00	0.48	0.04	0.01	2.58	9.07							
	R55AE007	3.70	0.76	2.00	0.48	0.04	0.01	2.90	9.89							
	R55AE008	0.53	0.11	0.69	0.17	0.00	0.00	0.42	1.92							
	R55AE009	0.19	0.04	0.78	0.19	0.00	0.00	0.15	1.35							
	R55AE010	0.34	0.07	1.39	0.33	0.00	0.00	0.26	2.39							
	R55GL001	0.27	0.06	0.00	0.50	0.03	0.00	0.22	1.08							
	R55GL002	0.57	0.12	0.00	0.50	0.03	0.00	0.45	1.67							
	R55GL003	0.81	0.17	0.00	0.75	0.03	0.00	0.64	2.40							
	R55GL004	1.00	0.21	0.00	0.75	0.04	0.01	0.79	2.80							
	R55GL005	3.50	0.71	2.17	0.52	0.00	0.00	2.74	9.64							
	R55GL006	4.21	0.85	2.17	0.52	0.00	0.00	3.29	11.04							
	R55GL007	1.11	0.22	1.56	0.37	0.00	0.00	0.87	4.13							

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
R55	R55GL008	0.26	0.05	0.35	0.08	0.00	0.00	0.20	0.94								
	R55GL009	0.20	0.04	0.69	0.17	0.00	0.00	0.15	1.25								
	R55GL010	0.33	0.07	1.39	0.33	0.00	0.00	0.26	2.38								
	R55GL011	0.33	0.07	1.39	0.33	0.00	0.00	0.26	2.38								
S10	S10CA001	12.58	4.60	7.38	2.95	2.79	0.42	9.83	40.55	15.72	4.72	9.58	3.83	4.63	0.69	13.10	52.27
	S10ID001	11.81	4.35	6.96	2.78	3.11	0.47	9.25	38.73	14.77	4.46	9.03	3.61	5.16	0.77	12.33	50.13
	S10JD001	11.00	4.05	7.59	3.04	2.74	0.41	8.61	37.44	13.75	4.15	9.85	3.94	4.54	0.68	11.47	48.38
	S10CA002	20.52	6.84	11.18	3.58	5.07	0.76	13.00	60.95	25.65	7.03	14.50	4.64	8.42	1.26	17.49	78.99
	S10CA003	28.59	9.63	15.40	4.93	8.25	1.24	18.15	86.19	35.74	9.89	19.97	6.39	13.70	2.06	24.41	112.16
	S10FI001	16.47	5.56	9.66	3.09	4.94	0.74	10.46	50.92	20.59	5.72	12.53	4.01	8.21	1.23	14.07	66.36
	S10FI002	25.39	8.50	13.71	4.39	6.66	1.00	16.10	75.75	31.73	8.73	17.78	5.69	11.07	1.66	21.65	98.31
	S10JD002	16.53	5.58	11.18	3.58	4.94	0.74	10.49	53.04	20.66	5.73	14.50	4.64	8.21	1.23	14.11	69.08
S15	S15CA001	25.71	8.72	12.41	3.97	8.25	1.24	16.34	76.64	32.14	8.96	16.18	5.18	13.70	2.06	21.98	100.20
	S15CA002	40.52	13.71	16.93	5.42	12.55	1.88	25.74	116.75	50.65	14.09	22.06	7.06	20.84	3.13	34.62	152.45
	S15CA003	53.36	17.97	20.69	6.62	15.45	2.32	33.87	150.28	66.70	18.47	26.96	8.63	25.67	3.85	45.55	195.83
	S15FI001	22.03	7.47	12.41	3.97	6.97	1.05	14.00	67.90	27.54	7.67	16.18	5.18	11.58	1.74	18.83	88.72
	S15KM001	41.83	14.01	16.93	5.42	11.17	1.68	26.53	117.57	52.29	14.40	22.06	7.06	18.55	2.78	35.68	152.82
	S15TE001	39.81	13.57	18.06	5.78	13.52	2.03	25.32	118.09	49.76	13.94	23.53	7.53	22.46	3.37	34.05	154.64
S20	S20CA001	29.63	9.99	17.96	4.67	11.57	1.74	18.81	94.37	37.04	10.27	23.09	6.00	20.09	3.01	25.30	124.80
	S20CA002	31.59	10.60	17.96	4.67	11.57	1.74	20.04	98.17	39.48	10.90	23.09	6.00	20.09	3.01	26.95	129.52
	S20CA003	52.05	17.33	27.93	7.26	16.65	2.50	32.98	156.70	65.07	17.81	35.91	9.34	28.91	4.34	44.35	205.73
	S20CA004	54.32	18.04	27.93	7.26	16.65	2.50	34.40	161.10	67.91	18.54	35.91	9.34	28.91	4.34	46.27	211.22
	S20CA005	65.21	21.69	37.91	9.86	20.50	3.08	41.31	199.56	81.51	22.29	48.74	12.67	35.61	5.34	55.55	261.71
	S20CA006	69.40	23.00	37.91	9.86	20.50	3.08	43.93	207.68	86.75	23.64	48.74	12.67	35.61	5.34	59.09	271.84
	S20KM001	46.68	15.64	31.84	8.28	16.65	2.50	29.61	151.20	58.35	16.08	40.94	10.64	28.91	4.34	39.82	199.08
	S20TE001	25.10	8.45	11.49	2.99	9.54	1.43	15.93	74.93	31.37	8.68	14.77	3.84	16.58	2.49	21.42	99.15
	S20TE002	50.19	16.82	29.53	7.68	17.93	2.69	31.83	156.67	62.74	17.29	37.96	9.87	31.15	4.67	42.81	206.49
S25	S25RM001	5.48	2.48	0.00	1.51	1.76	0.26	4.04	15.53	6.57	2.52	0.00	1.51	2.29	0.34	5.19	18.42
	S25RM002	5.68	2.76	0.00	1.51	3.17	0.48	4.25	17.85	6.81	2.80	0.00	1.51	4.14	0.62	5.47	21.35
S35	S35AR001	0.23	0.07	0.00	0.00	0.00	0.00	0.20	0.50								
	S35AR002	0.38	0.11	0.00	0.00	0.00	0.00	0.32	0.81								
S40	S40BO001	16.80	5.92	14.55	4.07	1.44	0.22	14.76	57.76	21.00	6.07	18.88	5.29	2.47	0.37	20.62	74.70
	S40CA001	15.27	5.43	14.13	3.96	1.26	0.19	13.45	53.69	19.09	5.57	18.33	5.13	1.92	0.29	18.79	69.12
	S40CA002	13.76	4.89	14.13	3.96	1.23	0.18	12.11	50.26	17.20	5.01	18.33	5.13	1.95	0.29	16.92	64.83
S45																	

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
S45	S45DA001	1.32	0.29	0.00	1.10	0.00	0.00	1.38	4.09								
	S45DA002	1.55	0.34	0.00	1.20	0.00	0.00	1.62	4.71								
	S45DA003	1.59	0.35	0.00	1.30	0.00	0.00	1.67	4.91								
T10	T10CA001	0.76	0.27	0.00	0.08	0.00	0.00	0.63	1.74	0.95	0.27	0.00	0.08	0.00	0.00	0.89	2.19
	T10CA002	0.55	0.19	0.00	0.08	0.00	0.00	0.46	1.28	0.69	0.20	0.00	0.08	0.00	0.00	0.64	1.61
	T10CA003	0.93	0.32	0.00	0.08	0.00	0.00	0.77	2.10	1.16	0.33	0.00	0.08	0.00	0.00	1.08	2.65
	T10CA004	0.95	0.33	0.00	0.08	0.00	0.00	0.78	2.14	1.19	0.34	0.00	0.08	0.00	0.00	1.10	2.71
	T10CA005	1.62	0.56	0.00	0.08	0.00	0.00	1.34	3.60	2.03	0.58	0.00	0.08	0.00	0.00	1.89	4.58
	T10CA006	1.11	0.39	0.00	0.08	0.00	0.00	0.92	2.50	1.39	0.39	0.00	0.08	0.00	0.00	1.29	3.15
	T10CA007	1.13	0.39	0.00	0.08	0.00	0.00	0.93	2.53	1.41	0.40	0.00	0.08	0.00	0.00	1.31	3.20
	T10CA008	1.39	0.48	0.00	0.08	0.00	0.00	1.15	3.10	1.73	0.49	0.00	0.08	0.00	0.00	1.61	3.91
	T10CA009	1.49	0.52	0.00	0.08	0.00	0.00	1.23	3.32	1.86	0.53	0.00	0.08	0.00	0.00	1.73	4.20
	T10CA010	1.65	0.57	0.00	0.08	0.00	0.00	1.36	3.66	2.06	0.59	0.00	0.08	0.00	0.00	1.91	4.64
	T10CA011	1.87	0.65	0.00	0.08	0.00	0.00	1.54	4.14	2.33	0.66	0.00	0.08	0.00	0.00	2.17	5.24
	T10CA012	2.13	0.74	0.00	0.08	0.00	0.00	1.76	4.71	2.66	0.76	0.00	0.08	0.00	0.00	2.47	5.97
	T10CA013	2.34	0.81	0.00	0.08	0.00	0.00	1.93	5.16	2.92	0.83	0.00	0.08	0.00	0.00	2.72	6.55
	T10CA014	2.21	0.77	0.00	0.08	0.00	0.00	1.83	4.89	2.77	0.79	0.00	0.08	0.00	0.00	2.57	6.21
	T10CA015	2.32	0.80	0.00	0.10	0.00	0.00	1.92	5.14	2.90	0.82	0.00	0.10	0.00	0.00	2.69	6.51
	T10CA016	2.83	0.98	0.00	0.12	0.00	0.00	2.34	6.27	3.53	1.00	0.00	0.12	0.00	0.00	3.29	7.94
	T10CA017	3.01	1.04	0.00	0.13	0.00	0.00	2.49	6.67	3.76	1.07	0.00	0.13	0.00	0.00	3.49	8.45
	T10CA018	2.77	0.96	0.00	0.13	0.00	0.00	2.29	6.15	3.47	0.99	0.00	0.13	0.00	0.00	3.23	7.82
	T10CA019	0.09	0.03	0.00	0.05	0.00	0.00	0.08	0.25	0.12	0.03	0.00	0.05	0.00	0.00	0.11	0.31
	T10CA020	2.25	0.78	0.00	0.15	0.00	0.00	1.86	5.04	2.81	0.80	0.00	0.15	0.00	0.00	2.61	6.37
	T10CA021	3.70	1.28	0.00	0.19	0.00	0.00	3.06	8.23	4.62	1.31	0.00	0.19	0.00	0.00	4.30	10.42
	T10CA022	3.84	1.33	0.00	0.19	0.00	0.00	3.17	8.53	4.80	1.36	0.00	0.19	0.00	0.00	4.46	10.81
	T10CA023	2.54	0.88	0.00	0.20	0.00	0.00	2.10	5.72	3.17	0.90	0.00	0.20	0.00	0.00	2.95	7.22
	T10CA024	5.08	1.76	0.00	0.28	0.00	0.00	4.20	11.32	6.34	1.80	0.00	0.28	0.00	0.00	5.90	14.32
	T10CA025	5.44	1.89	0.00	0.29	0.00	0.00	4.50	12.12	6.80	1.93	0.00	0.29	0.00	0.00	6.32	15.34
	T10CA026	7.26	2.52	0.00	0.40	0.00	0.00	6.00	16.18	9.07	2.58	0.00	0.40	0.00	0.00	8.44	20.49
	T10CA027	7.90	2.74	0.00	0.42	0.00	0.00	6.53	17.59	9.87	2.81	0.00	0.42	0.00	0.00	9.18	22.28
	T10ID001	1.24	0.43	0.00	0.05	0.00	0.00	1.03	2.75	1.55	0.44	0.00	0.05	0.00	0.00	1.44	3.48
	T10ID002	1.41	0.49	0.00	0.05	0.00	0.00	1.17	3.12	1.76	0.50	0.00	0.05	0.00	0.00	1.64	3.95
	T10ID003	2.07	0.72	0.00	0.05	0.00	0.00	1.71	4.55	2.59	0.74	0.00	0.05	0.00	0.00	2.41	5.79
	T10ID004	2.26	0.78	0.00	0.05	0.00	0.00	1.87	4.96	2.82	0.80	0.00	0.05	0.00	0.00	2.62	6.29
	T10ID005	2.86	0.99	0.00	0.10	0.00	0.00	2.36	6.31	3.57	1.02	0.00	0.10	0.00	0.00	3.32	8.01
	T10ID006	3.06	1.06	0.00	0.12	0.00	0.00	2.53	6.77	3.83	1.09	0.00	0.12	0.00	0.00	3.56	8.60
	T10ID007	3.00	1.04	0.00	0.08	0.00	0.00	2.48	6.60	3.75	1.07	0.00	0.08	0.00	0.00	3.49	8.39
	T10ID008	3.37	1.17	0.00	0.13	0.00	0.00	2.79	7.46	4.21	1.20	0.00	0.13	0.00	0.00	3.92	9.46
	T10KM001	0.89	0.31	0.00	0.15	0.00	0.00	0.74	2.09	1.11	0.32	0.00	0.15	0.00	0.00	1.03	2.61
	T10KM002	0.91	0.32	0.00	0.15	0.00	0.00	0.75	2.13	1.14	0.32	0.00	0.15	0.00	0.00	1.06	2.67

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	POG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	POG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T10	T10KM003	0.95	0.33	0.00	0.15	0.00	0.00	0.78	2.21	1.19	0.34	0.00	0.15	0.00	0.00	1.10	2.78
	T10KM004	1.07	0.37	0.00	0.15	0.00	0.00	0.88	2.47	1.33	0.38	0.00	0.15	0.00	0.00	1.24	3.10
	T10KM005	1.30	0.45	0.00	0.18	0.00	0.00	1.07	3.00	1.62	0.46	0.00	0.18	0.00	0.00	1.51	3.77
	T10KM006	1.86	0.65	0.00	0.18	0.00	0.00	1.54	4.23	2.33	0.66	0.00	0.18	0.00	0.00	2.17	5.34
	T10KM007	2.30	0.80	0.00	0.20	0.00	0.00	1.90	5.20	2.87	0.82	0.00	0.20	0.00	0.00	2.67	6.56
	T10KM008	2.25	0.78	0.00	0.25	0.00	0.00	1.86	5.14	2.81	0.80	0.00	0.25	0.00	0.00	2.62	6.48
	T10KM009	2.69	0.93	0.00	0.35	0.00	0.00	2.23	6.20	3.37	0.96	0.00	0.35	0.00	0.00	3.13	7.81
	T10KM010	2.38	0.82	0.00	0.34	0.00	0.00	1.96	5.50	2.97	0.84	0.00	0.34	0.00	0.00	2.76	6.91
	T10KM011	3.48	1.21	0.00	0.40	0.00	0.00	2.88	7.97	4.35	1.24	0.00	0.40	0.00	0.00	4.04	10.03
	T10KM012	3.93	1.36	0.00	0.45	0.00	0.00	3.25	8.99	4.91	1.40	0.00	0.45	0.00	0.00	4.56	11.32
	T10KM013	3.54	1.23	0.00	0.40	0.00	0.00	2.93	8.10	4.43	1.26	0.00	0.40	0.00	0.00	4.12	10.21
	T10KM014	4.64	1.61	0.00	0.64	0.00	0.00	3.84	10.73	5.80	1.65	0.00	0.64	0.00	0.00	5.40	13.49
	T10KM015	3.51	1.22	0.00	0.40	0.00	0.00	2.90	8.03	4.39	1.25	0.00	0.40	0.00	0.00	4.08	10.12
	T10KM016	5.83	2.03	0.00	0.70	0.00	0.00	4.82	13.38	7.29	2.07	0.00	0.70	0.00	0.00	6.78	16.84
T15	T15CA001	3.30	1.27	2.89	1.04	0.00	0.00	4.39	12.89	4.12	1.30	3.78	1.36	0.00	0.00	5.94	16.50
	T15CA002	3.77	1.45	2.89	1.04	0.00	0.00	5.01	14.16	4.71	1.48	3.78	1.36	0.00	0.00	6.78	18.11
	T15CA003	3.56	1.37	2.98	1.07	0.00	0.00	4.73	13.71	4.45	1.40	3.90	1.40	0.00	0.00	6.41	17.56
	T15CA004	4.67	1.80	4.22	1.52	0.00	0.00	6.21	18.42	5.84	1.83	5.52	1.99	0.00	0.00	8.41	23.59
	T15CA005	5.26	2.02	4.22	1.52	0.00	0.00	6.99	20.01	6.57	2.06	5.52	1.99	0.00	0.00	9.46	25.60
	T15CA006	7.70	2.96	5.34	1.92	0.00	0.00	10.24	28.16	9.62	3.02	6.98	2.51	0.00	0.00	13.86	35.99
	T15CA007	8.71	3.35	5.34	1.92	0.00	0.00	11.58	30.90	10.89	3.42	6.98	2.51	0.00	0.00	15.68	39.48
	T15CA008	8.69	3.34	6.22	2.24	0.00	0.00	11.56	32.05	10.86	3.41	8.14	2.93	0.00	0.00	15.65	40.99
	T15CA009	10.15	3.90	7.34	2.64	0.00	0.00	13.51	37.54	12.69	3.99	9.59	3.45	0.00	0.00	18.29	48.01
	T15CA010	10.48	4.03	7.34	2.64	0.00	0.00	13.94	38.43	13.10	4.12	9.59	3.45	0.00	0.00	18.88	49.14
	T15CA011	12.13	4.66	7.34	2.64	0.00	0.00	16.14	42.91	15.17	4.77	9.59	3.45	0.00	0.00	21.85	54.83
	T15CA012	13.62	5.23	8.89	3.20	0.00	0.00	18.11	49.05	17.02	5.35	11.63	4.19	0.00	0.00	24.52	62.71
	T15CA013	15.45	5.94	9.56	3.44	0.00	0.00	20.55	54.94	19.32	6.07	12.50	4.50	0.00	0.00	27.83	70.22
	T15CA014	17.86	6.87	9.56	3.44	0.00	0.00	23.76	61.49	22.32	7.01	12.50	4.50	0.00	0.00	32.16	78.49
	T15CS001	3.69	1.42	2.80	1.01	0.00	0.00	4.91	13.83	4.61	1.45	3.66	1.32	0.00	0.00	6.64	17.68
	T15CS002	5.40	2.08	3.65	1.31	0.00	0.00	7.19	19.63	6.75	2.12	4.77	1.72	0.00	0.00	9.73	25.09
	T15CS003	5.75	2.21	3.65	1.31	0.00	0.00	7.65	20.57	7.19	2.26	4.77	1.72	0.00	0.00	10.36	26.30
	T15CS004	7.58	2.91	5.02	1.81	0.00	0.00	10.08	27.40	9.47	2.98	6.57	2.37	0.00	0.00	13.64	35.03
	T15CS005	8.39	3.23	5.02	1.81	0.00	0.00	11.16	29.61	10.49	3.30	6.57	2.37	0.00	0.00	15.11	37.84
	T15CS006	10.44	4.01	6.22	2.24	0.00	0.00	13.88	36.79	13.04	4.10	8.14	2.93	0.00	0.00	18.79	47.00
	T15FI001	4.28	1.64	3.11	1.12	0.00	0.00	5.69	15.84	5.35	1.68	4.07	1.47	0.00	0.00	7.70	20.27
	T15FI002	5.02	1.93	3.73	1.34	0.00	0.00	6.68	18.70	6.28	1.97	4.88	1.76	0.00	0.00	9.04	23.93
	T15FI003	7.54	2.90	4.76	1.71	0.00	0.00	10.03	26.94	9.42	2.96	6.22	2.24	0.00	0.00	13.57	34.41
	T15FI004	8.61	3.31	5.42	1.95	0.00	0.00	11.46	30.75	10.77	3.38	7.09	2.55	0.00	0.00	15.51	39.30
	T15FI005	9.54	3.67	5.42	1.95	0.00	0.00	12.69	33.27	11.92	3.75	7.09	2.55	0.00	0.00	17.18	42.49
	T15FI006	11.32	4.35	6.67	2.40	0.00	0.00	15.05	39.79	14.15	4.45	8.72	3.14	0.00	0.00	20.38	50.84

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE		
T15	T15FI007	13.04	5.02	6.67	2.40	0.00	0.00	17.35	44.48	16.31	5.12	8.72	3.14	0.00	0.00	23.49	56.78
	T15FI008	17.04	6.55	9.91	3.57	0.00	0.00	22.67	59.74	21.30	6.69	12.97	4.67	0.00	0.00	30.69	76.32
	T15ID001	4.45	1.71	3.11	1.12	0.00	0.00	5.92	16.31	5.57	1.75	4.07	1.47	0.00	0.00	8.02	20.88
	T15ID002	5.75	2.21	3.56	1.28	0.00	0.00	7.65	20.45	7.19	2.26	4.65	1.67	0.00	0.00	10.36	26.13
	T15ID003	8.66	3.33	4.89	1.76	0.00	0.00	11.52	30.16	10.82	3.40	6.40	2.30	0.00	0.00	15.59	38.51
	T15ID004	9.59	3.69	6.22	2.24	0.00	0.00	12.76	34.50	11.99	3.77	8.14	2.93	0.00	0.00	17.27	44.10
	T15ID005	15.35	5.90	10.00	3.60	0.00	0.00	20.42	55.27	19.19	6.03	13.08	4.71	0.00	0.00	27.64	70.65
	T15JD001	3.31	1.27	2.67	0.96	0.00	0.00	4.41	12.62	4.14	1.30	3.49	1.26	0.00	0.00	5.97	16.16
	T15JD002	3.84	1.48	3.11	1.12	0.00	0.00	5.11	14.66	4.80	1.51	4.07	1.47	0.00	0.00	6.92	18.77
	T15JD003	4.25	1.64	3.56	1.28	0.00	0.00	5.66	16.39	5.32	1.67	4.65	1.67	0.00	0.00	7.66	20.97
	T15JD004	4.77	1.83	4.00	1.44	0.00	0.00	6.34	18.38	5.96	1.87	5.23	1.88	0.00	0.00	8.59	23.53
	T15JD005	7.18	2.76	5.34	1.92	0.00	0.00	9.55	26.75	8.97	2.82	6.98	2.51	0.00	0.00	12.93	34.21
	T15JD006	7.49	2.88	5.34	1.92	0.00	0.00	9.96	27.59	9.36	2.94	6.98	2.51	0.00	0.00	13.49	35.28
	T15JD007	9.43	3.62	7.34	2.64	0.00	0.00	12.54	35.57	11.78	3.70	9.59	3.45	0.00	0.00	16.97	45.49
	T15JD008	10.50	4.04	7.34	2.64	0.00	0.00	13.96	38.48	13.12	4.12	9.59	3.45	0.00	0.00	18.90	49.18
	T15KM001	4.31	1.66	3.11	1.12	0.00	0.00	5.73	15.93	5.39	1.69	4.07	1.47	0.00	0.00	7.76	20.38
	T15KM002	4.81	1.85	3.33	1.20	0.00	0.00	6.40	17.59	6.01	1.89	4.36	1.57	0.00	0.00	8.66	22.49
	T15KM003	9.74	3.75	5.78	2.08	0.00	0.00	12.96	34.31	12.18	3.83	7.56	2.72	0.00	0.00	17.55	43.84
	T15KM004	11.15	4.29	6.22	2.24	0.00	0.00	14.83	38.73	13.94	4.38	8.14	2.93	0.00	0.00	20.08	49.47
	T15KM005	14.48	5.57	8.00	2.88	0.00	0.00	19.26	50.19	18.10	5.69	10.47	3.77	0.00	0.00	26.08	64.11
	T15KM006	16.84	6.47	9.11	3.28	0.00	0.00	22.39	58.09	21.04	6.61	11.92	4.29	0.00	0.00	30.32	74.18
	T15KM007	18.16	6.98	10.00	3.60	0.00	0.00	24.16	62.90	22.70	7.13	13.08	4.71	0.00	0.00	32.70	80.32
	T15CA015	23.18	8.05	14.89	4.17	0.00	0.00	23.95	74.24	28.98	8.24	19.48	5.45	0.00	0.00	32.96	95.11
	T15CA016	21.43	7.44	12.67	3.55	0.00	0.00	22.13	67.22	26.78	7.62	16.57	4.64	0.00	0.00	30.46	86.07
	T15CA017	27.66	9.60	16.45	4.61	0.00	0.00	28.57	86.89	34.57	9.83	21.51	6.02	0.00	0.00	39.32	111.25
	T15FI009	23.79	8.26	13.34	3.73	0.00	0.00	24.57	73.69	29.73	8.45	17.44	4.88	0.00	0.00	33.82	94.32
	T15FI010	24.86	8.63	15.12	4.23	0.00	0.00	25.68	78.52	31.07	8.84	19.77	5.53	0.00	0.00	35.34	100.55
	T15ID006	23.01	7.99	14.23	3.98	0.00	0.00	23.77	72.98	28.76	8.18	18.60	5.21	0.00	0.00	32.71	93.46
	T15KM008	25.35	8.80	14.23	3.98	0.00	0.00	26.19	78.55	31.68	9.01	18.60	5.21	0.00	0.00	36.04	100.54
	T15KM009	36.59	12.70	17.96	5.03	0.00	0.00	37.81	110.09	45.74	13.01	23.49	6.58	0.00	0.00	52.03	140.85
	T15CA018	32.23	11.93	23.12	5.55	0.00	0.00	34.30	107.13	38.67	12.13	30.23	7.26	0.00	0.00	44.89	133.18
	T15CA019	55.64	20.59	34.23	8.22	0.00	0.00	59.22	177.90	66.77	20.95	44.77	10.74	0.00	0.00	77.50	220.73
	T15FI011	34.42	12.74	20.23	4.86	0.00	0.00	36.63	108.88	41.30	12.96	26.45	6.35	0.00	0.00	47.94	135.00
	T15FI012	36.05	13.34	21.12	5.07	0.00	0.00	38.37	113.95	43.26	13.57	27.62	6.63	0.00	0.00	50.21	141.29
	T15FI013	42.82	15.85	23.34	5.60	0.00	0.00	45.58	133.19	51.39	16.12	30.52	7.33	0.00	0.00	59.65	165.01
	T15ID007	27.99	10.36	20.45	4.91	0.00	0.00	29.79	93.50	33.59	10.54	26.74	6.42	0.00	0.00	38.99	116.28
	T15KM010	38.45	14.23	22.59	5.42	0.00	0.00	40.92	121.61	46.14	14.48	29.54	7.09	0.00	0.00	53.55	150.80
	T15KM011	71.68	26.53	32.90	7.90	0.00	0.00	76.29	215.30	86.02	26.99	43.02	10.33	0.00	0.00	99.84	266.20
T20	T20CA001	16.20	5.29	8.62	2.41	2.85	0.43	9.30	45.10	20.25	5.44	11.25	3.15	5.97	0.90	12.60	59.56
	T20CA002	22.82	7.69	12.72	3.56	7.08	1.06	13.17	68.10	28.52	7.91	16.61	4.65	14.83	2.22	17.83	92.57

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE		
T20	T20CA003	33.79	11.50	18.47	5.17	8.47	1.27	19.53	98.20	42.24	11.82	24.11	6.75	17.75	2.66	26.45	131.78
	T20MC001	25.73	8.65	12.39	3.47	6.11	0.92	14.85	72.12	32.17	8.89	16.18	4.53	12.39	1.86	20.10	96.12
	T20MC002	45.11	16.41	23.47	6.57	16.59	2.49	26.38	137.02	56.38	16.86	30.65	8.58	33.67	5.05	35.72	186.91
T25	T25JD001	1.63	0.46	2.18	0.61	0.46	0.07	1.10	6.51								
	T25JD002	1.80	0.50	2.63	0.74	0.41	0.06	1.21	7.35								
	T25JD003	2.05	0.56	2.95	0.83	0.41	0.06	1.38	8.24								
	T25JD004	2.31	0.63	3.57	1.00	0.38	0.06	1.55	9.50								
T30	T30DW001	0.31	0.09	0.84	0.24	0.04	0.01	0.29	1.82	0.38	0.10	1.11	0.31	0.06	0.01	0.40	2.37
	T30DW002	1.37	0.40	1.69	0.47	0.06	0.01	1.28	5.28	1.69	0.41	2.22	0.62	0.08	0.01	1.75	6.78
	T30DW003	2.79	0.80	2.63	0.74	0.08	0.01	2.60	9.65	3.43	0.83	3.45	0.97	0.12	0.02	3.56	12.38
	T30DW004	2.20	0.64	2.63	0.74	0.08	0.01	2.05	8.35	2.71	0.65	3.45	0.97	0.12	0.02	2.81	10.73
	T30DW005	2.64	0.76	1.44	0.40	0.08	0.01	2.46	7.79	3.25	0.78	1.88	0.53	0.12	0.02	3.37	9.95
	T30DW006	3.93	1.13	2.18	0.61	0.08	0.01	3.66	11.60	4.83	1.16	2.84	0.80	0.12	0.02	5.01	14.78
	T30DW007	4.00	1.17	2.63	0.74	0.24	0.04	3.74	12.56	4.92	1.20	3.43	0.96	0.34	0.05	5.12	16.02
	T30DW008	3.92	1.15	2.63	0.74	0.24	0.04	3.67	12.39	4.82	1.18	3.43	0.96	0.34	0.05	5.01	15.79
	T30DW009	5.21	1.51	3.04	0.85	0.24	0.04	4.86	15.75	6.41	1.56	3.96	1.11	0.34	0.05	6.65	20.08
	T30DW010	8.78	2.67	4.15	1.16	1.22	0.18	8.29	26.45	10.81	2.74	5.41	1.52	1.72	0.26	11.33	33.79
	T30DW011	10.14	2.88	4.84	1.36	0.00	0.00	9.43	28.65	12.48	2.96	6.32	1.77	0.00	0.00	12.90	36.43
	T30VE001	0.74	0.21	1.69	0.47	0.00	0.00	0.68	3.79	0.91	0.22	2.22	0.62	0.00	0.00	0.94	4.91
	T30VE002	2.34	0.70	1.44	0.40	0.20	0.03	2.20	7.31	2.88	0.72	1.88	0.53	0.26	0.04	3.01	9.32
	T30VE003	4.07	1.19	2.22	0.62	0.21	0.03	3.81	12.15	5.01	1.23	2.89	0.81	0.28	0.04	5.21	15.47
	T30VE004	4.66	1.36	2.18	0.61	0.21	0.03	4.36	13.41	5.74	1.40	2.84	0.80	0.28	0.04	5.96	17.06
	T30VE005	9.23	2.63	4.64	1.30	0.00	0.00	8.59	26.39	11.36	2.70	6.05	1.70	0.00	0.00	11.74	33.55
	T30VE006	16.53	4.70	7.18	2.01	0.00	0.00	15.37	45.79	20.35	4.83	9.38	2.63	0.00	0.00	21.02	58.21
T35	T35BG001	12.22	4.24	4.10	1.15	0.00	0.00	11.37	33.08	15.28	4.34	5.36	1.50	0.00	0.00	15.78	42.26
	T35BG002	17.68	6.14	6.57	1.84	0.00	0.00	16.44	48.67	22.10	6.28	8.57	2.40	0.00	0.00	22.83	62.18
	T35BG003	23.77	8.25	6.57	1.84	0.00	0.00	22.11	62.54	29.72	8.45	8.57	2.40	0.00	0.00	30.70	79.84
	T35CT001	12.23	4.24	5.75	1.61	0.00	0.00	11.37	35.20	15.28	4.35	7.50	2.10	0.00	0.00	15.79	45.02
	T35CT002	14.90	5.17	5.75	1.61	0.00	0.00	13.86	41.29	18.63	5.30	7.50	2.10	0.00	0.00	19.25	52.78
	T35CT003	16.76	5.82	7.59	2.13	0.00	0.00	15.59	47.89	20.95	5.96	9.91	2.78	0.00	0.00	21.64	61.24
	T35CT004	14.74	5.12	4.19	1.17	0.00	0.00	13.71	38.93	18.42	5.24	5.47	1.53	0.00	0.00	19.03	49.69
	T35CT005	15.71	5.45	4.19	1.17	0.00	0.00	14.61	41.13	19.64	5.58	5.47	1.53	0.00	0.00	20.29	52.51
	T35CT006	14.95	5.19	4.19	1.17	0.00	0.00	13.91	39.41	18.69	5.31	5.47	1.53	0.00	0.00	19.31	50.31
	T35CT007	16.53	5.74	4.19	1.17	0.00	0.00	15.37	43.00	20.66	5.87	5.47	1.53	0.00	0.00	21.34	54.87
	T35CT008	21.02	7.30	6.16	1.72	0.00	0.00	19.55	55.75	26.28	7.47	8.04	2.25	0.00	0.00	27.15	71.19
	T35CT009	23.58	8.19	6.16	1.72	0.00	0.00	21.93	61.58	29.48	8.38	8.04	2.25	0.00	0.00	30.46	78.61
	T35CT010	24.53	8.52	6.16	1.72	0.00	0.00	22.82	63.75	30.67	8.72	8.04	2.25	0.00	0.00	31.68	81.36
	T35CT011	28.83	10.01	7.18	2.01	0.00	0.00	26.81	74.84	36.04	10.25	9.38	2.63	0.00	0.00	37.23	95.53

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS						
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RPR
T40	T40XX001	3.07	0.88	0.00	0.20	0.00	0.00	2.57	6.72						
	T40XX002	4.84	1.38	0.00	0.25	0.00	0.00	4.05	10.52						
	T40XX003	5.06	1.45	0.00	0.25	0.00	0.00	4.24	11.00						
	T40XX004	5.69	1.63	0.00	0.30	0.00	0.00	4.76	12.38						
	T40XX005	6.85	1.95	0.00	0.35	0.00	0.00	5.73	14.88						
	T40XX006	8.07	2.30	0.00	0.40	0.00	0.00	6.75	17.52						
	T40XX007	0.72	0.21	0.00	0.09	0.00	0.00	0.53	1.55	0.88	0.21	0.00	0.09	0.00	0.74
	T40XX008	1.14	0.32	0.00	0.09	0.00	0.00	0.83	2.38	1.40	0.33	0.00	0.09	0.00	1.17
	T40XX009	1.15	0.33	0.00	0.09	0.00	0.00	0.84	2.41	1.42	0.34	0.00	0.09	0.00	1.18
	T40XX010	1.17	0.33	0.00	0.09	0.00	0.00	0.85	2.44	1.44	0.34	0.00	0.09	0.00	1.20
	T40XX011	0.23	0.07	0.00	0.00	0.00	0.00	0.15	0.45						
	T40XX012	0.24	0.07	0.00	0.00	0.00	0.00	0.15	0.46						
	T40XX013	0.25	0.07	0.00	0.00	0.00	0.00	0.16	0.48						
	T40XX014	0.27	0.08	0.00	0.00	0.00	0.00	0.17	0.52						
	T40XX015	0.29	0.08	0.00	0.00	0.00	0.00	0.18	0.55						
	T40XX016	0.32	0.09	0.00	0.00	0.00	0.00	0.20	0.61						
	T40XX017	0.35	0.10	0.00	0.00	0.00	0.00	0.22	0.67						
	T40XX018	0.37	0.11	0.00	0.00	0.00	0.00	0.23	0.71						
	T40XX019	0.40	0.11	0.00	0.00	0.00	0.00	0.25	0.76						
	T40XX020	0.42	0.12	0.00	0.00	0.00	0.00	0.27	0.81						
	T40XX021	0.37	0.11	0.00	0.00	0.00	0.00	0.24	0.72						
	T40XX022	0.44	0.13	0.00	0.00	0.00	0.00	0.28	0.85						
	T40XX023	0.27	0.08	0.00	0.09	0.00	0.00	0.20	0.64						
	T40XX024	0.32	0.09	0.00	0.09	0.00	0.00	0.23	0.73						
	T40XX025	0.87	0.25	0.00	0.09	0.00	0.00	0.64	1.85						
	T40XX026	0.98	0.28	0.00	0.09	0.00	0.00	0.72	2.07						
	T40XX027	3.29	0.85	0.00	0.13	0.00	0.00	2.26	6.53						
	T40XX028	3.35	0.87	0.00	0.13	0.00	0.00	2.29	6.64						
	T40XX029	3.38	0.87	0.00	0.13	0.00	0.00	2.32	6.70						
	T40XX030	3.43	0.89	0.00	0.13	0.00	0.00	2.35	6.80						
	T40XX031	1.38	0.39	0.00	0.00	0.00	0.00	0.86	2.63						
	T40XX032	1.45	0.41	0.00	0.00	0.00	0.00	0.91	2.77						
	T40XX033	1.54	0.44	0.00	0.00	0.00	0.00	0.97	2.95						
T45	T45XX001	2.37	0.82	0.00	0.09	0.64	0.10	1.65	5.67	2.96	0.84	0.00	0.09	0.77	2.35
	T45XX002	2.85	0.97	0.00	0.09	0.64	0.10	1.98	6.63	3.56	1.00	0.00	0.09	0.77	2.83
	T45XX003	2.89	0.99	0.00	0.09	0.64	0.10	2.01	6.72	3.61	1.01	0.00	0.09	0.77	2.86
	T45XX004	3.38	1.17	0.00	0.09	0.90	0.14	2.35	8.03	4.23	1.20	0.00	0.09	1.09	3.36
	T45XX005	4.10	1.38	0.00	0.09	0.73	0.11	2.84	9.25	5.13	1.41	0.00	0.09	0.88	4.06
	T45XX006	7.90	2.88	0.00	0.09	3.26	0.49	5.55	20.17	9.88	2.95	0.00	0.09	3.92	0.59
	T45XX007	8.95	3.20	0.00	0.09	3.26	0.49	6.26	22.25	11.18	3.29	0.00	0.09	3.92	0.59

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	
T45	T45XX008	3.21	1.09	0.00	0.09	0.64	0.10	2.07	7.20	4.01	1.12	0.00	0.09	0.77	0.12	2.98	9.09
	T45XX009	2.26	0.66	0.00	0.11	0.64	0.10	1.36	5.13								
	T45XX010	2.28	0.67	0.00	0.11	0.64	0.10	1.37	5.17								
	T45XX011	1.42	0.71	0.00	0.09	0.57	0.09	0.90	3.78								
	T45XX012	1.60	0.79	0.00	0.09	0.62	0.09	1.01	4.20								
	T45XX013	1.76	0.86	0.00	0.09	0.64	0.10	1.11	4.56								
	T45XX014	1.98	0.99	0.00	0.13	0.86	0.13	1.26	5.35								
	T45XX015	2.06	1.04	0.00	0.13	0.93	0.14	1.32	5.62								
	T45XX016	2.41	1.19	0.00	0.13	0.96	0.14	1.53	6.36								
	T45XX017	2.50	1.29	0.00	0.13	1.30	0.20	1.62	7.04								
	T45XX018	3.14	1.57	0.00	0.13	1.30	0.20	2.00	8.34								
	T45XX019	3.26	1.62	0.00	0.13	1.30	0.20	2.07	8.58								
	T45XX020	3.76	1.83	0.00	0.17	1.28	0.19	2.38	9.61								
	T45XX021	3.99	1.97	0.00	0.17	1.56	0.23	2.53	10.45								
	T45XX022	4.42	2.19	0.00	0.17	1.74	0.26	2.81	11.59								
	T45XX023	4.97	2.54	0.00	0.17	2.47	0.37	3.19	13.71								
	T45XX024	1.17	0.61	0.00	0.09	0.64	0.10	0.76	3.37								
	T45XX025	1.11	0.58	0.00	0.09	0.64	0.10	0.72	3.24								
	T45XX026	0.72	0.38	0.00	0.10	0.43	0.06	0.47	2.16								
	T45XX027	0.81	0.44	0.00	0.10	0.53	0.08	0.53	2.49								
	T45XX028	0.88	0.47	0.00	0.10	0.58	0.09	0.58	2.70								
	T45XX029	2.39	1.08	2.59	0.00	0.32	0.05	1.77	8.20								
	T45XX030	2.42	1.15	2.59	0.00	0.64	0.10	1.82	8.72								
	T45XX031	2.54	1.20	2.59	0.00	0.64	0.10	1.91	8.98								
	T45HA001	2.03	0.74	0.00	0.50	0.14	0.02	1.74	5.17								
	T45HA002	2.47	0.89	0.00	0.60	0.14	0.02	2.11	6.23								
	T45HA003	3.27	1.19	0.00	0.70	0.22	0.03	2.81	8.22								
T50	T50FO001	1.21	0.35	3.07	0.86	0.17	0.03	0.93	6.62	1.54	0.36	4.03	1.13	0.21	0.03	1.27	8.57
	T50FO002	1.42	0.41	3.07	0.86	0.20	0.03	1.09	7.08	1.80	0.42	4.03	1.13	0.26	0.04	1.49	9.17
	T50FO003	1.30	0.38	3.07	0.86	0.23	0.03	1.01	6.88	1.66	0.39	4.03	1.13	0.29	0.04	1.37	8.91
	T50FO004	1.61	0.46	3.07	0.86	0.27	0.04	1.24	7.55	2.05	0.48	4.03	1.13	0.36	0.05	1.69	9.79
	T50FO005	1.51	0.45	3.07	0.86	0.37	0.06	1.17	7.49	1.92	0.46	4.03	1.13	0.47	0.07	1.59	9.67
	T50GM001	0.98	0.29	2.06	0.58	0.18	0.03	0.76	4.88	1.25	0.30	2.70	0.76	0.23	0.03	1.03	6.30
	T50GM002	1.18	0.34	2.06	0.58	0.18	0.03	0.91	5.28	1.50	0.35	2.70	0.76	0.23	0.03	1.24	6.81
	T50GM003	1.16	0.34	3.36	0.94	0.18	0.03	0.89	6.90	1.47	0.35	4.41	1.23	0.23	0.03	1.21	8.93
	T50GM004	1.65	0.47	3.70	1.03	0.18	0.03	1.26	8.32	2.09	0.49	4.85	1.36	0.23	0.03	1.72	10.77
	T50GM005	1.82	0.52	3.70	1.03	0.21	0.03	1.40	8.71	2.32	0.54	4.85	1.36	0.27	0.04	1.91	11.29
	T50GM006	1.28	0.37	5.49	1.54	0.21	0.03	0.99	9.91	1.64	0.39	7.20	2.02	0.26	0.04	1.35	12.90
	T50GM007	1.50	0.43	5.49	1.54	0.25	0.04	1.15	10.40	1.91	0.45	7.20	2.02	0.32	0.05	1.57	13.52
	T50GM008	1.35	0.39	5.49	1.54	0.21	0.03	1.04	10.05	1.72	0.40	7.20	2.02	0.26	0.04	1.42	13.06

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS						SEVERE CONDITIONS									
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T50	T50GM009	1.57	0.45	5.49	1.54	0.25	0.04	1.21	10.55	2.00	0.47	7.20	2.02	0.32	0.05	1.65	13.71
	T50FO006	2.35	0.78	8.27	2.48	0.51	0.08	1.70	16.17	2.90	0.80	11.02	3.31	0.65	0.10	2.25	21.03
	T50FO007	2.55	0.85	5.62	1.46	0.51	0.08	1.84	12.91	3.14	0.87	7.31	1.90	0.65	0.10	2.43	16.40
	T50FO008	2.55	0.84	8.27	2.48	0.51	0.08	1.83	16.56	3.13	0.86	11.02	3.31	0.65	0.10	2.43	21.50
	T50FO009	2.98	0.98	5.62	1.46	0.51	0.08	2.14	13.77	3.67	1.00	7.31	1.90	0.65	0.10	2.83	17.46
	T50FO010	2.74	0.91	10.74	3.22	0.59	0.09	1.97	20.26	3.38	0.93	14.31	4.29	0.74	0.11	2.62	26.38
	T50FO011	3.21	1.10	5.54	1.44	1.01	0.15	2.33	14.78	3.96	1.12	7.21	1.87	1.29	0.19	3.09	18.73
	T50GM010	2.01	0.68	8.22	2.46	0.51	0.08	1.45	15.41	2.47	0.69	10.95	3.29	0.65	0.10	1.92	20.07
	T50GM011	2.39	0.80	8.22	2.46	0.51	0.08	1.72	16.18	2.94	0.81	10.95	3.29	0.65	0.10	2.28	21.02
	T50GM012	2.66	0.88	4.49	1.17	0.51	0.08	1.91	11.70	3.28	0.90	5.83	1.52	0.65	0.10	2.53	14.81
	T50GM013	2.37	0.80	10.08	3.02	0.59	0.09	1.71	18.66	2.92	0.82	13.44	4.03	0.74	0.11	2.27	24.33
	T50GM014	2.70	0.92	4.49	1.17	0.74	0.11	1.96	12.09	3.33	0.94	5.83	1.52	0.94	0.14	2.59	15.29
	T50IT001	1.93	0.64	4.09	1.06	0.37	0.06	1.39	9.54	2.38	0.65	5.32	1.38	0.47	0.07	1.84	12.11
	T50IT002	2.30	0.76	4.36	1.13	0.37	0.06	1.65	10.63	2.84	0.77	5.66	1.47	0.47	0.07	2.19	13.47
	T50IT003	2.72	0.90	4.75	1.24	0.51	0.08	1.95	12.15	3.35	0.92	6.18	1.61	0.65	0.10	2.59	15.40
	T50FO012	4.89	1.47	15.51	4.96	1.03	0.15	3.27	31.28	6.02	1.51	19.98	6.39	1.33	0.20	4.64	40.07
	T50FO013	6.45	1.93	8.87	2.48	1.26	0.19	4.31	25.49	7.93	1.98	11.40	3.19	1.63	0.24	6.12	32.49
	T50FO014	6.85	2.04	8.87	2.48	1.31	0.20	4.57	26.32	8.43	2.10	11.40	3.19	1.68	0.25	6.49	33.54
	T50FO015	6.34	1.90	8.87	2.48	1.31	0.20	4.24	25.34	7.80	1.95	11.40	3.19	1.68	0.25	6.02	32.29
	T50FO016	5.66	1.71	7.95	2.22	1.31	0.20	3.79	22.84	6.97	1.76	10.22	2.86	1.68	0.25	5.38	29.12
	T50FO017	8.87	2.66	11.09	3.10	1.77	0.27	5.93	33.69	10.92	2.73	14.26	3.99	2.29	0.34	8.42	42.95
	T50FO018	9.36	2.81	8.87	2.48	1.90	0.29	6.26	31.97	11.51	2.88	11.40	3.19	2.44	0.37	8.88	40.67
	T50FO019	8.68	2.61	12.94	3.62	1.90	0.29	5.81	35.85	10.69	2.69	16.63	4.66	2.44	0.37	8.25	45.73
	T50FO020	10.41	3.08	14.78	4.14	1.58	0.24	6.94	41.17	12.82	3.16	19.01	5.32	2.04	0.31	9.85	52.51
	T50GM015	3.73	1.16	14.56	4.66	1.29	0.19	2.52	28.11	4.59	1.19	18.76	6.00	1.67	0.25	3.57	36.03
	T50GM016	4.23	1.30	7.58	2.12	1.29	0.19	2.85	19.56	5.21	1.34	9.74	2.73	1.67	0.25	4.04	24.98
	T50IT004	5.05	1.53	7.95	2.22	1.29	0.19	3.39	21.62	6.21	1.58	10.22	2.86	1.67	0.25	4.81	27.60
	T50IT005	7.29	2.17	8.87	2.48	1.29	0.19	4.86	27.15	8.97	2.23	11.40	3.19	1.67	0.25	6.91	34.62
	T50IT006	8.01	2.37	8.87	2.48	1.29	0.19	5.34	28.55	9.86	2.44	11.40	3.19	1.67	0.25	7.58	36.39
	T50IT007	9.90	2.91	8.87	2.48	1.29	0.19	6.59	32.23	12.18	2.99	11.40	3.19	1.67	0.25	9.35	41.03
	T50KE001	8.55	2.44	9.98	2.79	0.23	0.03	5.65	29.67	10.52	2.50	12.83	3.59	0.29	0.04	8.03	37.80
	T50KE002	9.34	2.66	9.98	2.79	0.23	0.03	6.18	31.21	11.49	2.73	12.83	3.59	0.29	0.04	8.77	39.74
	T50KE003	9.31	2.67	9.98	2.79	0.39	0.06	6.17	31.37	11.46	2.74	12.83	3.59	0.51	0.08	8.75	39.96
	T50KE004	9.58	2.74	9.98	2.79	0.39	0.06	6.34	31.88	11.79	2.82	12.83	3.59	0.51	0.08	9.00	40.62
	T50KE005	9.80	2.80	9.98	2.79	0.39	0.06	6.49	32.31	12.06	2.88	12.83	3.59	0.51	0.08	9.21	41.16
	T50MT001	7.07	2.05	10.16	2.85	0.57	0.09	4.69	27.48	8.70	2.11	13.07	3.66	0.72	0.11	6.66	35.03
	T50MT002	7.78	2.25	11.09	3.10	0.57	0.09	5.16	30.04	9.57	2.31	14.26	3.99	0.72	0.11	7.33	38.29
	T50MT003	7.79	2.25	11.09	3.10	0.57	0.09	5.17	30.06	9.58	2.32	14.26	3.99	0.72	0.11	7.33	38.31
	T50MT004	8.68	2.53	11.09	3.10	0.90	0.14	5.77	32.21	10.68	2.60	14.26	3.99	1.15	0.17	8.19	41.04
	T50MT005	8.33	2.43	10.16	2.85	0.90	0.14	5.54	30.35	10.25	2.50	13.07	3.66	1.15	0.17	7.86	38.66
	T50MT006	8.79	2.56	11.09	3.10	0.90	0.14	5.84	32.42	10.82	2.64	14.26	3.99	1.15	0.17	8.30	41.33

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T50	T50MT007	9.27	2.70	10.16	2.85	0.90	0.14	6.16	32.18	11.41	2.77	13.07	3.66	1.15	0.17	8.75	40.98
	T50MT008	9.77	2.84	10.16	2.85	0.90	0.14	6.49	33.15	12.02	2.92	13.07	3.66	1.15	0.17	9.21	42.20
	T50MT009	12.33	3.57	14.78	4.14	1.04	0.16	8.18	44.20	15.18	3.67	19.01	5.32	1.37	0.21	11.62	56.38
	T50MT010	13.74	3.97	14.78	4.14	1.04	0.16	9.11	46.94	16.91	4.08	19.01	5.32	1.37	0.21	12.93	59.83
	T50PE001	6.51	1.93	9.24	2.59	1.06	0.16	4.34	25.83	8.01	1.98	11.88	3.33	1.36	0.20	6.16	32.92
	T50PE002	7.91	2.39	10.53	2.95	1.84	0.28	5.30	31.20	9.73	2.45	13.54	3.79	2.37	0.36	7.52	39.76
	T50PE003	9.54	2.85	11.09	3.10	1.84	0.28	6.37	35.07	11.74	2.93	14.26	3.99	2.37	0.36	9.05	44.70
	T50PE004	9.81	2.93	11.64	3.26	1.84	0.28	6.55	36.31	12.08	3.01	14.97	4.19	2.37	0.36	9.31	46.29
	T50PE005	9.19	2.75	10.53	2.95	1.84	0.28	6.14	33.68	11.31	2.82	13.54	3.79	2.37	0.36	8.72	42.91
T55	T55CA001	23.89	9.43	11.29	3.84	6.60	0.99	14.60	70.64	28.67	9.60	14.88	5.06	11.00	1.65	20.43	91.29
	T55CA002	33.21	13.26	16.30	5.54	11.35	1.70	20.33	101.69	39.85	13.51	21.49	7.31	18.93	2.84	28.46	132.39
	T55CA003	47.45	19.23	21.82	7.42	19.89	2.98	29.13	147.92	56.94	19.59	28.76	9.78	33.16	4.97	40.77	193.97
	T55CA004	20.81	8.35	11.29	3.84	5.42	0.81	12.76	63.28	24.98	8.51	14.88	5.06	9.03	1.35	17.85	81.66
	T55CA005	29.99	12.44	16.30	5.54	11.75	1.76	18.49	96.27	35.99	12.68	21.49	7.31	19.59	2.94	25.88	125.88
	T55CA006	39.70	16.72	21.82	7.42	17.94	2.69	24.54	130.83	47.64	17.04	28.76	9.78	29.91	4.49	34.35	171.97
	T55DJ001	16.54	6.63	6.52	2.22	5.45	0.82	10.14	48.32	19.85	6.75	8.60	2.92	8.93	1.34	14.19	62.58
	T55DJ002	15.36	6.03	5.47	1.86	3.80	0.57	9.37	42.46	18.43	6.14	7.21	2.45	6.33	0.95	13.12	54.63
	T55DJ003	18.08	7.55	6.45	2.19	10.61	1.59	11.16	57.63	21.70	7.70	8.50	2.89	17.68	2.65	15.62	76.74
	T55DJ004	18.10	7.41	6.52	2.22	8.59	1.29	11.13	55.26	21.72	7.55	8.60	2.92	14.32	2.15	15.58	72.84
	T55DJ005	20.95	8.47	6.52	2.22	8.59	1.29	12.86	60.90	25.14	8.63	8.60	2.92	14.32	2.15	17.99	79.75
	T55DJ006	21.31	8.60	6.52	2.22	7.97	1.20	13.07	60.89	25.58	8.76	8.60	2.92	13.13	1.97	18.30	79.26
	T55DJ007	24.93	10.01	9.66	3.28	9.25	1.39	15.28	73.80	29.92	10.20	12.73	4.33	15.42	2.31	21.39	96.30
	T55DJ008	29.14	11.58	11.54	3.92	8.54	1.28	17.83	83.83	34.96	11.80	15.21	5.17	13.99	2.10	24.95	108.18
	T55DJ009	34.65	13.99	11.54	3.92	13.84	2.08	21.26	101.28	41.58	14.25	15.21	5.17	23.08	3.46	29.76	132.51
	T55EU001	15.27	6.05	5.77	1.96	3.26	0.49	9.34	42.14	18.32	6.16	7.60	2.59	5.43	0.81	13.07	53.98
	T55EU002	25.57	10.05	11.29	3.84	6.60	0.99	15.61	73.95	30.68	10.24	14.88	5.06	11.00	1.65	21.85	95.36
	T55EU003	35.30	14.05	16.93	5.76	11.35	1.70	21.60	106.69	42.36	14.31	22.32	7.59	18.93	2.84	30.24	138.59
	T55EU004	43.30	17.90	23.20	7.89	16.34	2.45	26.68	137.76	51.96	18.23	30.58	10.40	27.24	4.09	37.34	179.84
	T55TE001	15.30	6.00	5.62	1.91	4.36	0.65	9.34	43.18	18.36	6.12	7.41	2.52	7.48	1.12	13.07	56.08
	T55TE002	16.20	6.53	5.94	2.02	5.18	0.78	9.94	46.59	19.44	6.65	7.84	2.66	8.88	1.33	13.91	60.71
	T55TE003	17.45	7.02	6.47	2.20	5.44	0.82	10.70	50.10	20.94	7.15	8.53	2.90	9.32	1.40	14.97	65.21
	T55TE004	18.79	7.47	8.13	2.76	5.97	0.90	11.50	55.52	22.55	7.61	10.71	3.64	9.96	1.49	16.09	72.05
	T55TE005	23.06	9.32	9.00	3.06	10.63	1.59	14.15	70.81	27.68	9.49	11.87	4.04	18.22	2.73	19.81	93.84
	T55TE006	22.78	9.37	11.99	4.08	11.35	1.70	14.02	75.29	27.34	9.54	15.80	5.37	18.93	2.84	19.63	99.45
	T55TE007	30.45	12.69	15.55	5.29	12.41	1.86	18.79	97.04	36.55	12.92	20.50	6.97	20.68	3.10	26.30	127.02
	T55TE008	41.92	17.51	21.59	7.34	17.59	2.64	25.88	134.47	50.30	17.84	28.46	9.68	29.32	4.40	36.22	176.22
	T55UN001	35.46	14.97	22.57	7.67	16.34	2.45	21.93	121.39	42.55	15.25	29.75	10.12	27.24	4.09	30.70	159.70
	T55UN002	44.93	18.68	30.10	10.23	17.94	2.69	27.71	152.28	53.92	19.03	39.67	13.49	29.91	4.49	38.79	199.30
	T55UN003	52.83	23.33	40.13	13.64	34.16	5.12	32.95	202.16	63.40	23.77	52.90	17.98	56.96	8.54	46.12	269.67
	T55VO001	10.43	4.23	4.66	1.59	4.24	0.64	6.41	32.20	12.52	4.31	6.15	2.09	7.00	1.05	8.97	42.09

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS								
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TIRE RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	TOTAL RATE	
T55	T55V0002	13.02	5.29	6.02	2.05	5.64	0.85	8.00	40.87	15.63	5.39	7.93	2.70	9.42	1.41	11.19	53.67
	T55V0003	14.09	5.67	6.02	2.05	5.43	0.81	8.64	42.71	16.91	5.78	7.93	2.70	9.05	1.36	12.09	55.82
	T55V0004	18.38	7.53	8.18	2.78	8.84	1.33	11.31	58.35	22.06	7.68	10.78	3.66	14.74	2.21	15.83	76.96
	T55WA001	26.03	10.23	12.16	4.14	6.60	0.99	15.89	76.04	31.23	10.42	16.03	5.45	11.00	1.65	22.24	98.02
	T55WA002	34.74	14.06	16.93	5.76	14.31	2.15	21.32	109.27	41.69	14.32	22.32	7.59	23.85	3.58	29.84	143.19
	T55WA003	43.33	18.66	23.32	7.93	24.32	3.65	26.90	148.11	52.00	19.01	30.75	10.45	40.87	6.13	37.64	196.85
	T55WA004	56.80	23.50	26.33	8.95	21.58	3.24	35.00	175.40	68.16	23.94	34.71	11.80	35.98	5.40	48.99	228.98
	T55WA005	82.01	33.90	33.86	11.51	30.90	4.64	50.53	247.35	98.42	34.53	44.63	15.17	51.51	7.73	70.72	322.71
T60	T60KI001	10.26	4.54	7.18	2.30	2.00	0.30	7.88	34.46	12.31	4.61	9.38	3.00	2.69	0.40	10.82	43.21
	T60KI002	17.85	8.10	13.54	4.33	5.12	0.77	13.79	63.50	21.43	8.23	17.68	5.66	6.90	1.04	18.94	79.88
	T60KI003	25.48	11.58	18.47	5.91	7.46	1.12	19.68	89.70	30.57	11.77	24.11	7.72	10.05	1.51	27.03	112.76
	T60KI004	25.92	11.76	18.47	5.91	7.46	1.12	20.02	90.66	31.11	11.96	24.11	7.72	10.05	1.51	27.50	113.96
	T60KI005	31.02	14.11	22.57	7.22	9.17	1.38	23.97	109.44	37.22	14.34	29.47	9.43	12.35	1.85	32.91	137.57
	T60KI006	31.38	14.26	22.57	7.22	9.17	1.38	24.25	110.23	37.66	14.49	29.47	9.43	12.35	1.85	33.29	138.54
	T60SO001	19.15	8.64	13.54	4.33	5.12	0.77	14.77	66.32	22.98	8.78	17.68	5.66	6.90	1.04	20.28	83.32
	T60SO002	26.56	12.04	18.47	5.91	7.50	1.13	20.51	92.12	31.88	12.23	24.11	7.72	10.11	1.52	28.16	115.73
	T60SO003	27.02	12.22	18.47	5.91	7.50	1.13	20.86	93.11	32.42	12.43	24.11	7.72	10.11	1.52	28.64	116.95
	T60SO004	33.38	15.21	22.57	7.22	10.12	1.52	25.81	115.83	40.06	15.47	29.47	9.43	13.64	2.05	35.44	145.56
	T60SO005	33.96	15.46	22.57	7.22	10.12	1.52	26.25	117.10	40.76	15.71	29.47	9.43	13.64	2.05	36.05	147.11
W10	W10CE001	19.52	8.06	13.54	4.33	8.64	1.30	13.03	68.42	23.43	8.21	17.68	5.66	14.48	2.17	18.06	89.69
	W10CE002	28.47	11.76	18.47	5.91	11.54	1.73	19.00	96.88	34.16	11.98	24.11	7.72	18.67	2.80	26.34	125.78
W15	W15CE003	42.90	17.95	26.68	8.54	18.54	2.78	28.69	146.08	51.48	18.28	34.83	11.14	30.67	4.60	39.78	190.78
W25	W15CE001	20.89	8.46	13.54	4.33	7.41	1.11	12.83	68.57	25.07	8.62	17.68	5.66	12.40	1.86	17.95	89.24
	W15CE002	28.93	12.19	18.47	5.91	11.17	1.68	17.88	96.23	34.71	12.42	24.11	7.72	18.71	2.81	25.03	125.51
	W25AC001	0.57	0.10	1.51	0.36	0.02	0.00	0.66	3.22								
	W25AC002	0.61	0.10	1.51	0.36	0.02	0.00	0.71	3.31								
	W25AC003	0.88	0.14	2.47	0.59	0.02	0.00	1.02	5.12								
	W25AC004	0.93	0.15	2.47	0.59	0.02	0.00	1.08	5.24								
	W25AN001	0.46	0.07	0.81	0.57	0.00	0.00	0.53	2.44								
	W25AN002	0.73	0.12	0.81	0.57	0.00	0.00	0.84	3.07								
	W25AN003	0.56	0.09	1.51	0.36	0.00	0.00	0.64	3.16								
	W25AN004	0.92	0.15	1.51	0.36	0.00	0.00	1.06	4.00								
	W25HO001	0.32	0.05	0.54	0.15	0.00	0.00	0.37	1.43								
	W25HO002	0.55	0.09	0.79	0.22	0.00	0.00	0.63	2.28								
	W25WE001	3.90	0.88	8.08	3.73	0.04	0.01	4.91	21.55								
	W25WE002	4.25	0.95	12.11	5.60	0.04	0.01	5.34	28.30								
	W25WE003	5.47	1.23	5.50	1.54	0.04	0.01	6.88	20.67								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS							SEVERE CONDITIONS							
		DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR
W25	W25W2004	6.48	1.45	24.23	11.19	0.04	0.01	8.14	51.54							
	W25W2005	7.90	1.77	9.67	2.71	0.04	0.01	9.92	32.02							
	W25W2006	8.86	1.99	14.50	4.06	0.10	0.02	11.14	40.67							
	W25W2007	10.17	2.29	13.90	3.89	0.16	0.02	12.80	43.23							
	W25A0001	0.40	0.06	0.16	0.56	0.00	0.00	0.46	1.64							
	W25A0002	0.45	0.07	0.16	0.81	0.00	0.00	0.51	2.00							
	W25A0003	0.65	0.10	0.16	0.81	0.00	0.00	0.75	2.47							
	W25A0004	0.65	0.10	0.32	1.13	0.00	0.00	0.75	2.95							
	W25A0005	1.37	0.22	0.65	1.76	0.00	0.00	1.58	5.58							
	W25A0006	0.91	0.14	0.16	0.81	0.00	0.00	1.04	3.06							
W30	W30S0001	2.14	0.93	0.75	0.19	0.22	0.03	1.40	5.66							
	W30S0002	2.57	1.11	0.75	0.19	0.22	0.03	1.68	6.55							
	W30S0003	2.81	1.21	0.75	0.19	0.22	0.03	1.84	7.05							
	W30S0004	1.44	0.60	0.00	0.01	0.00	0.00	0.78	2.83							
	W30S0005	1.61	0.67	0.00	0.01	0.00	0.00	0.87	3.16							
	W30S0006	1.85	0.77	0.00	0.01	0.00	0.00	1.00	3.63							
W35	W35H0001	0.10	0.04	0.81	0.20	0.00	0.00	0.09	1.24							
	W35H0002	0.14	0.05	1.28	0.31	0.00	0.00	0.13	1.91							
	W35XX001	0.63	0.23	1.39	0.33	0.03	0.00	0.58	3.19							
	W35XX002	0.46	0.17	4.53	1.09	0.03	0.00	0.42	6.70							
	W35XX003	0.67	0.24	1.95	0.47	0.03	0.00	0.62	3.98							
	W35XX004	0.48	0.18	4.53	1.09	0.03	0.00	0.45	6.76							
	W35XX005	0.74	0.28	1.95	0.47	0.06	0.01	0.69	4.20							
	W35XX006	0.53	0.19	7.55	1.81	0.03	0.00	0.48	10.59							
	W35XX007	0.81	0.30	3.28	0.79	0.06	0.01	0.75	6.00							
	W35XX008	0.67	0.24	8.02	1.92	0.03	0.00	0.62	11.50							
	W35XX009	0.34	0.08	2.04	0.82	0.00	0.00	0.19	3.47							
	W35XX010	0.41	0.10	2.55	1.02	0.00	0.00	0.23	4.31							
	W35XX011	0.35	0.09	1.02	0.41	0.00	0.00	0.20	2.07							
	W35XX012	0.36	0.09	2.04	0.82	0.00	0.00	0.20	3.51							
	W35XX013	0.16	0.04	1.94	0.78	0.00	0.00	0.09	3.01							
	W35XX014	0.20	0.05	2.45	0.98	0.00	0.00	0.11	3.79							
	W35XX015	0.55	0.14	3.06	1.22	0.00	0.00	0.31	5.28							
	W35XX016	0.96	0.24	4.28	1.71	0.00	0.00	0.54	7.73							
	W35XX017	0.07	0.02	1.94	0.78	0.00	0.00	0.04	2.85							
	W35XX018	0.24	0.06	2.45	0.98	0.00	0.00	0.14	3.87							

APPENDIX A

REFERENCES

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18. Operating Cost Guide, Power Crane and Shovel Association, Milwaukee, Wisconsin, 1976.
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20. Production and Cost Estimating of Material Movement with Earthmoving Equipment, General Motors Corporation, Terex Division, Hudson, Ohio, 1975.

APPENDIX B
AREA FACTORS

The area factors given in this Appendix were used to compute the hourly equipment rates shown in TABLE 3 - 1.

State Sales or Import Tax Rate:	6.60 %
Working Hours Per Year:	1,650 Hrs/Yr
Labor Adjustment Factor (LAF):	0.760
Electricity Cost Per Kilowatt-Hour:	\$ 0.170 /Kw-Hr
Gasoline Cost Per Gallon:	\$ 1.400 /Gal.
Diesel Cost Per Gallon (Off-Road Use):	\$ 1.140 /Gal.
Diesel Cost Per Gallon (On-Road Use):	\$ 1.320 /Gal.
Cost-of-Money Rate (Undiscounted):	8.375 %
Cost-of-Money Rate (Discounted):	6.700 %
Freight Rates:	
0 thru 24,000 lbs.	\$ 14.900 /Cwt.
over 24,000 thru 30,000 lbs.	\$ 12.000 /Cwt.
over 30,000 thru 40,000 lbs.	\$ 9.650 /Cwt.
over 40,000 thru 50,000 lbs.	\$ 8.600 /Cwt.
over 50,000 thru 70,000 lbs.	\$ 15.600 /Cwt.
over 70,000 thru 9,999,900 lbs.	\$ 11.900 /Cwt.

APPENDIX C

GUIDE FOR SELECTING OPERATING CONDITIONS

<u>EQUIPMENT TYPE</u>	<u>AVERAGE</u>	<u>SEVERE</u>
Cranes, Crawler Mounted & Truck Mounted (Hydraulic or Mechanical)	Lift less than rated capacity, intermittent duty.	Continuous lift near rated capacity, excessive swing, abrasive materials, sloped surfaces.
Depreciation Period Hrs.	13,000 - 20,000 Hrs.	11,000 - 18,000
Shovels, Hydraulic Crawler Mounted (Non-electric)	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, cemented gravels, caliches, etc. Adverse underfoot conditions: rough floors; high impact sliding on undercarriage.
Depreciation Period	14,000 - 16,000 Hrs.	12,000 - 14,000 Hrs.
Draglines & Clamshells, Crawler Mounted	Gravels, silts, pull and lift less than rated capacity.	Highly abrasive materials, impact breakout, continuous load near rated capacity.
Depreciation Period	12,000 - 18,000 Hrs.	10,000 - 16,000 Hrs.

GUIDE FOR SELECTING OPERATING CONDITIONS (Continued)

<u>EQUIPMENT TYPE</u>	<u>AVERAGE</u>	<u>SEVERE</u>
Backhoes & 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.
Depreciation Period	8,000 - 14,000 Hrs.	6,500 - 12,000 Hrs.
Tractors, Crawler Type	Production dozing in clays, sands, gravels and talus rock. Push-loading scrapers, borrow pit ripping, most landclearing and skidding applications. Medium impact conditions. Production landfill work.	Heavy rock ripping. Tandem ripping. Pushloading and dozing in hard rock. Continuous high impact conditions.
Depreciation Period	10,000 - 12,000 Hrs.	8,000 - 10,000 Hrs.
Tractors, Wheel-Type	Production dozing, pushloading in clays, sands, silts, loose gravels. Shovel cleanup.	Production dozing in rock. Push-loading in rocky, boulder-strewn borrow pits. High impact conditions.
Depreciation Period	10,000 Hrs.	8,000 Hrs.

GUIDE FOR SELECTING OPERATING CONDITIONS (Continued)

<u>EQUIPMENT TYPE</u>	<u>AVERAGE</u>	<u>SEVERE</u>
Scrapers, Self-Propelled	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 condition, such as loading ripped rock. Continuous high total resistance conditions. Rough haul roads.
Depreciation Period	10,000 Hrs.	8,000 Hrs.
Trucks, Off Highway	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.	Continuous use on very poorly maintained haul roads, high rolling resistance and poor traction. Frequent adverse grades and high impact loads. Poorly-matched loading equipment with continuous over-loading.
Depreciation Period	12,000 Hrs.	10,000 Hrs.
Trucks, Highway	Varying loading and road conditions. Typical construction use on a variety of jobs.	Consistently poor road conditions. Oversized loading equipment.
Depreciation Period	7,000 - 8,000 Hrs.	5,500 - 6,500 Hrs.

GUIDE FOR SELECTING OPERATING CONDITIONS (Continued)

<u>EQUIPMENT TYPE</u>	<u>AVERAGE</u>	<u>SEVERE</u>
Loaders, Front End Wheel Type (Non 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.
Depreciation Period	10,000 - 12,000 Hrs.	8,000 - 10,000 Hrs.
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, rocky materials. High impact conditions.
Depreciation Period	10,000 Hrs.	8,000 Hrs.

GUIDE FOR SELECTING OPERATING CONDITIONS (Continued)

<u>EQUIPMENT TYPE</u>	<u>AVERAGE</u>	<u>SEVERE</u>
Motor Graders	Haul road maintenance. Road construction, ditching. Loose fill spreading. Land- forming, landleveling. Summer road mainten- ance with medium to heavy winter snow removal. Elevating grader use.	Maintenance of hard packed roads with embedded rock. Heavy fill spread- ing. Ripping- scarifying of asphalt or con- crete. Continuous high load factor. High impact.
Depreciation Period	12,000 Hrs.	10,000 Hrs.
Loader Backhoes, Crawler or Wheel Mounted	Utility applications in medium to heavy soil. Occasional use of constant flow im- plements. Dig depths to 3.05m (10 ft.)	Production applica- tions or digging in rock. Regular use of constant flow im- plements. Dig depths over 3.05m (10 ft.)
Depreciation Period	10,000 Hrs.	8,000 Hrs.
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 con- ditions: wet floor, steep slopes, and numerous stumps.
Depreciation Period	10,000 Hrs.	8,000 Hrs.
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 Hrs.	10,000 Hrs.

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)

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (Continued)

CATEGORY SUB	TYPE OF EQUIPMENT	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT			HPF	FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			RPR	
								E	G	D		E	G	D	FT	DT	TT					
A10 .00	AGGREGATE/CHIP SPREADERS																					
A10 .10	SELF PROPELLED	10	A	B	10,000	.20	50	.500	.052	.028		0	.000	.000	.000	.00	.24	.24	.97	.69	.99	.75
A10 .20	TOWED & TAILGATE	10	A	B	6,000	.20	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.79	.60
A15 .00	AIR COMPRESSORS, PORTABLE																					
A15 .10	ROTARY SCREW	5	A	B	10,000	.25	65	.650	.067	.036		0	.000	.000	.000	.45	.32	.28	.00	.00	.90	.75
A20 .00	AIR HOSE, TOOLS & EQUIPMENT																					
A20 .10	AIR HOSES	5	A	B	3,500	.10	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	1.50	
A20 .20	BLAST HOSE	5	A	B	3,500	.10	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	1.65	
A20 .30	SANDBLASTERS & BREAKERS	5	A	B	4,000	.20	65	.650	.067	.036		0	.000	.000	.000	.45	.32	.28	.81	.65	.90	1.50
A25 .00	ASPHALT DISTRIBUTORS	10	A	B	8,000	.20	65	.650	.067	.036		0	.000	.000	.000	.00	.32	.28	.71	.57	.79	.85
A30 .00	ASPHALT FINISHERS/PAVERS																					
A30 .10	SELF PROPELLED	10	A	B	10,000	.20	65	.650	.067	.036		0	.000	.000	.000	.00	.32	.28	.83	.66	.92	1.00
A30 .20	TOWED	10	A	B	10,000	.20	65	.650	.067	.036		0	.000	.000	.000	.00	.32	.28	.83	.66	.92	.80
A35 .00	ASPHALT KETTLES	10	A	B	6,000	.20	65	.650	.067	.036		0	.000	.000	.000	.00	.32	.28	.76	.60	.84	.80
A40 .00	ASPHALT & CONCR. MILLERS/PROFILERS	10	A	B	10,000	.20	65	.650	.067	.036		0	.000	.000	.000	.00	.32	.28	.83	.66	.92	1.00
A45 .00	ASPHALT RECYCLERS & SEALERS	10	A	B	8,000	.20	65	.650	.067	.036		0	.000	.000	.000	.00	.32	.28	.76	.60	.84	.90
B00 .00	BACKHOE (SEE HYD. EXCAV.)																					
B10 .00	BATCH PLANTS, ASPHALT & CONCRETE																					
B15 .00	BROOMS, STREET SWEEPERS & FLUSHERS	95	A	B	8,000	.20	65	.650	.067	.036		0	.000	.000	.000	.00	.24	.28	.81	.65	.90	.80
B20 .00	BRUSH CHIPPERS	95	A	B	8,000	.20	65	.650	.067	.036		0	.000	.000	.000	.00	.32	.28	.00	.00	.90	.90
B25 .00	BUCKETS, CLAMSHELL	15	A	B	10,000	.15	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.70	
B25 .00		15	S	B	8,000	.15	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.80	
B30 .00	BUCKETS, CONCRETE																					
B30 .10	GENERAL PURPOSE, MANUAL	15	A	B	10,000	.20	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.70	
B30 .20	LAYDOWN	15	A	B	10,000	.20	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.75	
B30 .30	LOWBOY	15	A	B	10,000	.20	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.80	
B30 .40	LOW SLUMP	15	A	B	10,000	.20	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.80	
B35 .00	BUCKETS, DRAGLINE																					
B35 .10	LIGHT WEIGHT	15	A	B	8,000	.15	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.70	
B35 .10		15	S	B	6,500	.15	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.80	
B35 .20	MEDIUM WEIGHT	15	A	B	9,000	.15	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.70	
B35 .20		15	S	B	7,000	.15	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.80	
B35 .30	HEAVY WEIGHT	15	A	B	10,000	.15	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.70	
B35 .30		15	S	B	8,000	.15	0	.000	.000	.000		0	.000	.000	.000	.00	.00	.00	.00	.00	.80	
C05 .00	CHAIN SAWS	95	A	B	4,000	.15	90	.900	.093	.050		0	.000	.000	.000	.45	.32	.38	.00	.00	.00	2.50
C10 .00	COMPACTORS, MANUALLY OPERATED	95	A	B	5,000	.20	90	.900	.093	.050		0	.000	.000	.000	.45	.24	.24	.00	.00	.85	1.20
C15 .00	CONCRETE BLASTERS	95	A	B	6,000	.20	70	.700	.072	.039		0	.000	.000	.000	.50	.32	.28	.00	.00	.90	.90
C20 .00	CONCRETE BUGGIES	95	A	B	5,000	.20	70	.700	.072	.039		0	.000	.000	.000	.50	.32	.28	.00	.66	.90	.70
C25 .00	CONCRETE FINISHERS	95	A	B	5,000	.20	70	.700	.072	.039		0	.000	.000	.000	.50	.32	.28	.00	.00	.90	.80
C30 .00	CONCRETE GRINDERS	95	A	B	5,000	.20	70	.700	.072	.039		0	.000	.000	.000	.50	.32	.28	.00	.00	.90	.90
C35 .00	CONCRETE GUNITERS/SHOTCRETTERS	95	A	B	7,000	.15	75	.750	.078	.042		0	.000	.000	.000	.45	.32	.28	.81	.65	.90	.90

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (Continued)

CATEGORY SUB	TYPE OF EQUIPMENT	ER	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT				HPF	FUEL FACTOR CARRIER				FOG			TIRE WEAR FACTORS			
								E	G	D	E		G	D	E	G	D	FT	DT	TT			
C40 .00	CONCRETE MIXERS	95	A	B	5,000	.20	70	.700	.072	.039	0	.000	.000	.000	.50	.32	.28	.00	.00	.90	.80		
C45 .00	CONCRETE PAVING MACHINES	10	A	B	10,000	.20	75	.750	.078	.042	0	.000	.000	.000	.00	.32	.28	.83	.66	.92	1.00		
C55 .00	CONCRETE PUMPS	95	A	B	8,000	.15	95	.950	.098	.053	0	.000	.000	.000	.45	.32	.28	.81	.65	.90	1.00		
C60 .00	CONCRETE SAWS	95	A	B	6,000	.20	90	.900	.093	.050	0	.000	.000	.000	.45	.32	.38	.00	.00	.90	1.00		
C65 .00	CONCRETE VIBRATORS	5	A	B	4,000	.20	65	.650	.067	.036	0	.000	.000	.000	.45	.32	.38	.00	.00	.00	2.50		
C70 .00	CRANES, GANTRY & STRADDLE																						
C75 .00	CRANES, HYDRAULIC, SELF-PROP.	20	A	B	14,000	.15	75	.750	.078	.042	0	.000	.000	.000	.00	.32	.30	.89	.71	.90	.80		
C80 .00	CRANES, HYDRAULIC, TRUCK MTD																						
C80 .01	UNDER 26 TON	20	A	B	14,000	.15	65	.650	.067	.036	10	.100	.010	.006	.00	.38	.36	.97	.78	.00	.60		
C80 .01		20	S	B	12,000	.15	85	.850	.088	.047	13	.130	.013	.007	.00	.38	.36	.86	.61	.00	.65		
C80 .02	26 TON THRU 65 TON	20	A	B	16,000	.15	65	.650	.067	.036	10	.100	.010	.006	.00	.30	.26	.97	.78	.00	.70		
C80 .02		20	S	B	14,000	.15	85	.850	.088	.047	13	.130	.013	.007	.00	.30	.26	.86	.61	.00	.75		
C80 .03	66 TON THRU 125 TON	20	A	B	18,000	.15	65	.650	.067	.036	10	.100	.010	.006	.00	.30	.26	.97	.78	.00	.80		
C80 .03		20	S	B	16,000	.15	85	.850	.088	.047	13	.130	.013	.007	.00	.30	.26	.86	.61	.00	.85		
C80 .04	OVER 125 TON	20	A	B	20,000	.15	65	.650	.067	.036	10	.100	.010	.006	.00	.30	.26	.97	.78	.00	.90		
C80 .04		20	S	B	18,000	.15	85	.850	.088	.047	13	.130	.013	.007	.00	.30	.26	.86	.61	.00	.95		
C85 .00	CRANES, MECHANICAL, CRAWLER MTD																						
C85 .10	DRAGLINE, CLAMSHELL																						
C85 .11	0 THRU 1 CY	20	A	B	12,000	.15	50	.500	.052	.028	0	.000	.000	.000	.00	.32	.32	.00	.00	.00	.80		
C85 .11		20	S	B	10,000	.15	65	.650	.067	.036	0	.000	.000	.000	.00	.32	.32	.00	.00	.00	.90		
C85 .12	OVER 1 CY THRU 2-1/2 CY	20	A	B	14,000	.15	50	.500	.052	.028	0	.000	.000	.000	.00	.34	.34	.00	.00	.00	.85		
C85 .12		20	S	B	12,000	.15	65	.650	.067	.036	0	.000	.000	.000	.00	.34	.34	.00	.00	.00	.95		
C85 .13	OVER 2-1/2 CY THRU 5 CY	20	A	B	16,000	.15	50	.500	.052	.028	0	.000	.000	.000	.00	.22	.22	.00	.00	.00	.95		
C85 .13		20	S	B	14,000	.15	65	.650	.067	.036	0	.000	.000	.000	.00	.22	.22	.00	.00	.00	1.05		
C85 .14	OVER 5 CY	20	A	B	18,000	.15	50	.500	.052	.028	0	.000	.000	.000	.00	.24	.24	.00	.00	.00	1.05		
C85 .14		20	S	B	16,000	.15	65	.650	.067	.036	0	.000	.000	.000	.00	.24	.24	.00	.00	.00	1.15		
C85 .20	LIFTING																						
C85 .21	0 THRU 25 TON	20	A	B	13,000	.15	40	.400	.041	.022	0	.000	.000	.000	.00	.32	.32	.00	.00	.00	.65		
C85 .21		20	S	B	11,000	.15	52	.520	.054	.029	0	.000	.000	.000	.00	.32	.32	.00	.00	.00	.70		
C85 .22	26 TON THRU 50 TON	20	A	B	15,000	.15	40	.400	.041	.022	0	.000	.000	.000	.00	.20	.20	.00	.00	.00	.75		
C85 .22		20	S	B	13,000	.15	52	.520	.054	.029	0	.000	.000	.000	.00	.20	.20	.00	.00	.00	.80		
C85 .23	51 TON THRU 150 TON	20	A	B	18,000	.15	40	.400	.041	.022	0	.000	.000	.000	.00	.22	.22	.00	.00	.00	.85		
C85 .23		20	S	B	16,000	.15	52	.520	.054	.029	0	.000	.000	.000	.00	.22	.22	.00	.00	.00	.90		
C85 .24	OVER 150 TON	20	A	B	20,000	.15	40	.400	.041	.022	0	.000	.000	.000	.00	.24	.24	.00	.00	.00	.95		
C85 .24		20	S	B	18,000	.15	52	.520	.054	.029	0	.000	.000	.000	.00	.24	.24	.00	.00	.00	1.00		
C90 .00	CRANES, MECHANICAL, TRUCK MTD																						
C90 .01	UNDER 26 TON	20	A	B	14,000	.15	65	.650	.067	.036	10	.100	.010	.006	.00	.38	.36	.97	.78	.00	.60		
C90 .01		20	S	B	12,000	.15	85	.850	.088	.047	13	.130	.013	.007	.00	.38	.36	.86	.61	.00	.65		
C90 .02	26 TON THRU 65 TON	20	A	B	16,000	.15	65	.650	.067	.036	10	.100	.010	.006	.00	.30	.26	.97	.78	.00	.70		
C90 .02		20	S	B	14,000	.15	85	.850	.088	.047	13	.130	.013	.007	.00	.30	.26	.86	.61	.00	.75		
C90 .03	66 TON THRU 125 TON	20	A	B	18,000	.15	65	.650	.067	.036	10	.100	.010	.006	.00	.30	.26	.97	.78	.00	.80		

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (Continued)

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EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (Continued)

CATEGORY SUB	TYPE OF EQUIPMENT	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT			HPF	FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS	RPR	
								E	G	D		E	G	D	E	G	D	FT	DT	TT
H30 .02		65	S	B	8,000	.15	85 .850 .088 .047				13 .130 .013 .007				.00 .38 .36			.86 .61 .65		.65
H35 .00	HYDRAULIC SHOVELS, CRAWLER MOUNTED																			
H35 .10	DIESEL																			
H35 .11	0 CY THRU 5 CY	65	A	B	14,000	.15	60 .000 .062 .033				0 .000 .000 .000				.00 .22 .22			.00 .00 .00		1.00
H35 .11		65	S	B	12,000	.15	78 .000 .081 .043				0 .000 .000 .000				.00 .22 .22			.00 .00 .00		1.10
H35 .12	OVER 5 CY	65	A	B	16,000	.15	60 .000 .062 .033				0 .000 .000 .000				.00 .24 .24			.00 .00 .00		1.20
H35 .12		65	S	B	14,000	.15	78 .000 .081 .043				0 .000 .000 .000				.00 .24 .24			.00 .00 .00		1.30
H35 .20	ELECTRIC																			
H35 .21	OVER 2-1/2 CY	65	A	B	18,000	.20	50 .500 .000 .000				0 .000 .000 .000				.25 .00 .00			.00 .00 .00		.80
H35 .21		65	S	B	16,000	.20	65 .650 .000 .000				0 .000 .000 .000				.25 .00 .00			.00 .00 .00		.90
L10 .00	LAND CLEARING EQUIPMENT	70	A	B	8,000	.20	60 .600 .062 .033				10 .100 .010 .006				.00 .30 .26			.72 .50 .90		.90
L10 .00		70	S	B	6,500	.20	78 .780 .081 .043				13 .130 .013 .007				.00 .30 .26			.57 .35 .71		1.00
L15 .00	LAWN MOWERS	95	A	B	4,000	.15	80 .800 .083 .045				0 .000 .000 .000				.45 .24 .24			.81 .65 .90		.70
L20 .00	LIGHTING SETS, TRAILER MOUNTED																			
L20 .10	METALLIC VAPOR	95	A	B	8,000	.25	85 .850 .088 .047				0 .000 .000 .000				.00 .24 .24			.00 .00 .90		1.50
L25 .00	LINE STRIPING EQUIPMENT	95	A	B	8,000	.25	85 .850 .088 .047				13 .130 .013 .007				.00 .24 .24			.72 .50 .90		1.20
L30 .00	LOADERS, BELT	95	A	B	10,000	.20	65 .650 .067 .036				0 .000 .000 .000				.45 .28 .28			.26 .00 .99		1.00
L30 .00		95	S	B	8,000	.20	85 .850 .088 .047				0 .000 .000 .000				.45 .28 .28			.16 .00 .96		1.10
L35 .00	LOADERS, FRONT END, CRAWLER TYPE	40	A	B	10,000	.20	70 .700 .072 .039				0 .000 .000 .000				.00 .32 .38			.00 .00 .00		1.35
L35 .00		40	S	B	8,000	.20	91 .910 .094 .051				0 .000 .000 .000				.00 .32 .38			.00 .00 .00		1.40
L40 .00	LOADERS, FRONT END, WHEEL TYPE																			
L40 .10	ARTICULATED																			
L40 .11	0 THRU 225 HP	45	A	B	10,000	.25	65 .650 .067 .036				0 .000 .000 .000				.00 .32 .42			.70 .42 .00		.70
L40 .11		45	S	B	8,000	.25	85 .850 .088 .047				0 .000 .000 .000				.00 .32 .42			.41 .22 .00		.75
L40 .12	OVER 225 HP	45	A	B	12,000	.15	65 .650 .067 .036				0 .000 .000 .000				.00 .32 .30			.70 .42 .00		.70
L40 .12		45	S	B	10,000	.15	85 .850 .088 .047				0 .000 .000 .000				.00 .32 .30			.41 .22 .00		.75
L40 .20	SKID STEER	45	A	B	8,000	.15	70 .700 .072 .039				0 .000 .000 .000				.00 .32 .42			.70 .42 .00		.80
L40 .30	TOOL CARRIER																			
L40 .31	0 THRU 225 HP	45	A	B	10,000	.25	65 .650 .067 .036				0 .000 .000 .000				.00 .32 .42			.70 .42 .00		.75
L40 .31		45	S	B	8,000	.25	85 .850 .088 .047				0 .000 .000 .000				.00 .32 .42			.41 .22 .00		.80
L40 .32	OVER 225 HP	45	A	B	12,000	.15	65 .650 .067 .036				0 .000 .000 .000				.00 .32 .30			.70 .42 .00		.75
L40 .32		45	S	B	10,000	.15	85 .850 .088 .047				0 .000 .000 .000				.00 .32 .30			.41 .22 .00		.80
L45 .00	LOADERS w/ BACKHOE, CRAWLER TYPE	40	A	B	10,000	.20	70 .700 .072 .039				0 .000 .000 .000				.00 .32 .38			.00 .00 .00		1.35
L45 .00		40	S	B	8,000	.20	91 .910 .094 .051				0 .000 .000 .000				.00 .32 .38			.00 .00 .00		1.40
L50 .00	LOADERS w/ BACKHOE, WHEEL TYPE	45	A	B	10,000	.25	65 .650 .067 .036				0 .000 .000 .000				.00 .32 .32			.72 .50 .00		.80
L50 .00		45	S	B	8,000	.25	85 .850 .088 .047				0 .000 .000 .000				.00 .32 .32			.57 .35 .00		.85
L55 .00	LOADER/BACKHOE, ATTACHMENTS	95	A	B	6,000	.20	65 .650 .067 .036				0 .000 .000 .000				.00 .32 .32			.00 .00 .00		1.00
L60 .00	LOG SKIDTERS	75	A	B	10,000	.15	65 .650 .067 .036				0 .000 .000 .000				.00 .24 .28			.73 .44 .00		.80
L60 .00		75	S	B	8,000	.15	85 .850 .088 .047				0 .000 .000 .000				.00 .24 .28			.38 .21 .00		.85
P10 .00	PILE EXTRACTORS & LEADS	50	A	B	6,000	.35	65 .650 .067 .036				0 .000 .000 .000				.00 .32 .32			.00 .00 .00		.80
P20 .00	PILE HAMMERS, DOUBLE ACTING	50	A	B	6,000	.35	65 .650 .067 .036				0 .000 .000 .000				.00 .32 .32			.00 .00 .00		1.10

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (Continued)

CATEGORY SUB	TYPE OF EQUIPMENT	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT			HPF	FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS		
								E	G	D		E	G	D	E	G	D	FT	DT	TT
P25 .00	PILE HAMMERS, SINGLE ACTING	50	A	B	6,000	.35	65 .650 .067 .036	0	.000	.000 .000		.00	.32	.32	.00	.00	.00	1.00		
P30 .00	PILE HAMMERS, VIBRATORY	50	A	B	6,000	.35	65 .650 .067 .036	0	.000	.000 .000		.00	.32	.32	.00	.00	.00	1.00		
P35 .00	PIPELAYERS	70	A	B	12,000	.25	35 .350 .036 .020	0	.000	.000 .000		.00	.00	.40	.00	.00	.00	1.05		
P35 .00		70	S	B	10,000	.25	45 .450 .047 .025	0	.000	.000 .000		.00	.00	.40	.00	.00	.00	1.15		
P40 .00	PLATFORMS, AERIAL WORK	20	A	B	8,000	.20	50 .500 .052 .028	0	.000	.000 .000		.45	.32	.28	.81	.65	.90	.80		
P45 .00	PUMPS, GROUT	95	A	B	8,000	.15	95 .950 .098 .053	0	.000	.000 .000		.45	.32	.28	.81	.65	.90	1.00		
P50 .00	PUMPS, WATER, CENTRIFUGAL, TRASH																			
P50 .10	SKID MOUNTED																			
P50 .11	ENGINE DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.00	.32	.38	.00	.00	.00	.90		
P50 .12	ELECTRIC DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.45	.00	.00	.00	.00	.00	.50		
P50 .20	WHEEL MOUNTED																			
P50 .21	ENGINE DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.00	.32	.38	.00	.00	.90	.90		
P50 .22	ELECTRIC DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.45	.00	.00	.00	.00	.90	.50		
P55 .00	PUMPS, WATER, SUBMERSIBLE																			
P55 .01	ENGINE DRIVE	95	A	B	10,000	.25	90 .900 .093 .050	0	.000	.000 .000		.00	.32	.38	.00	.00	.00	1.00		
P55 .02	ELECTRIC DRIVE	95	A	B	10,000	.25	90 .900 .093 .050	0	.000	.000 .000		.45	.00	.00	.00	.00	.00	.60		
P60 .00	PUMPS, WATER, CENTRIF, DEWATERING																			
P60 .10	SKID MOUNTED																			
P60 .11	ENGINE DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.00	.32	.38	.00	.00	.00	.90		
P60 .12	ELECTRIC DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.45	.00	.00	.00	.00	.00	.50		
P60 .20	WHEEL MOUNTED																			
P60 .21	ENGINE DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.00	.32	.38	.00	.00	.90	.90		
P60 .22	ELECTRIC DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.45	.00	.00	.00	.00	.90	.50		
P65 .00	PUMPS, WATER, DIAPHRAGM																			
P65 .10	SKID MOUNTED																			
P65 .11	ENGINE DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.00	.32	.38	.00	.00	.00	.90		
P65 .12	ELECTRIC DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.45	.00	.00	.00	.00	.00	.50		
P65 .20	WHEEL MOUNTED																			
P65 .21	ENGINE DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.00	.32	.38	.00	.00	.90	.80		
P65 .22	ELECTRIC DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.45	.00	.00	.00	.00	.90	.40		
P70 .00	PUMPS, WATER (FOR CORE DRILLS)																			
P70 .01	ENGINE DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.00	.32	.38	.00	.00	.00	.80		
P70 .02	ELECTRIC DRIVE	95	A	B	8,000	.25	90 .900 .093 .050	0	.000	.000 .000		.45	.00	.00	.00	.00	.00	.40		
R10 .00	RIPPERS & HYDRAULIC BANK SLOPERS	70	A	B	8,000	.20	0 .000 .000 .000	0	.000	.000 .000		.00	.00	.00	.00	.00	.00	.00	.00	.90
R10 .00		70	S	B	6,500	.20	0 .000 .000 .000	0	.000	.000 .000		.00	.00	.00	.00	.00	.00	.00	.00	1.00
R15 .00	ROLLERS, TOWED - PNEUMATIC	55	A	B	10,000	.20	65 .650 .067 .036	65	.650	.067 .036		.00	.24	.24	.76	.60	.84	.70		
R20 .00	ROLLERS, TOWED - STEEL DRUM	55	A	B	10,000	.20	65 .650 .067 .036	65	.650	.067 .036		.00	.24	.24	.76	.60	.84	.80		
R30 .00	ROLLERS, STATIC, SELF-PROPELLED																			
R30 .01	PNEUMATIC	55	A	B	8,000	.20	65 .650 .067 .036	65	.650	.067 .036		.00	.24	.24	.76	.60	.84	.70		
R30 .02	SMOOTH DRUM	55	A	B	10,000	.20	65 .650 .067 .036	65	.650	.067 .036		.00	.24	.24	.76	.60	.84	.80		
R30 .03	TAMPING FOOT	55	A	B	10,000	.20	65 .650 .067 .036	65	.650	.067 .036		.00	.24	.24	.76	.60	.84	.80		

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (Continued)

CATEGORY SUB	TYPE OF EQUIPMENT	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT			HPF	FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS	RPR	
								E	G	D		E	G	D	E	G	D	FT	DT	TT
R40 .00	ROLLERS, VIBRATORY, TOWED	55	A	B	8,000	.20	90 .900 .093 .050	90 .900 .093 .050	90 .900 .093 .050	90 .900 .093 .050	.00 .32 .32	.76 .60 .84	.80							
R45 .00	ROLLERS, VIBRATORY, DOUBLE DRUM,	55	A	B	8,000	.20	90 .900 .093 .050	90 .900 .093 .050	90 .900 .093 .050	90 .900 .093 .050	.00 .32 .32	.76 .60 .84	1.10							
R50 .00	ROLLERS, VIBRATORY, SINGLE DRUM	55	A	B	8,000	.20	90 .900 .093 .050	90 .900 .093 .050	90 .900 .093 .050	90 .900 .093 .050	.00 .32 .32	.76 .60 .84	1.00							
R55 .00	ROOFING EQUIPMENT	95	A	B	6,000	.15	60 .600 .062 .033	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.45 .24 .24	.00 .00 .90	.80							
S10 .00	SCRAPERS, ELEVATING																			
S10 .01	0 THRU 200 HP	60	A	B	10,000	.20	66 .660 .068 .037	66 .660 .068 .037	66 .660 .068 .037	66 .660 .068 .037	.00 .00 .40	.59 .33 .65	.75							
S10 .01		60	S	B	8,000	.20	86 .860 .089 .048	86 .860 .089 .048	86 .860 .089 .048	86 .860 .089 .048	.00 .00 .40	.39 .19 .43	.80							
S10 .02	OVER 200 HP	60	A	B	10,000	.15	66 .660 .068 .037	66 .660 .068 .037	66 .660 .068 .037	66 .660 .068 .037	.00 .00 .32	.59 .33 .65	.65							
S10 .02		60	S	B	8,000	.15	86 .860 .089 .048	86 .860 .089 .048	86 .860 .089 .048	86 .860 .089 .048	.00 .00 .32	.39 .19 .43	.70							
S15 .00	SCRAPERS, CONVENTIONAL	60	A	B	10,000	.15	60 .600 .062 .033	60 .600 .062 .033	60 .600 .062 .033	60 .600 .062 .033	.00 .00 .32	.59 .33 .65	.65							
S15 .00		60	S	B	8,000	.15	78 .780 .081 .043	78 .780 .081 .043	78 .780 .081 .043	78 .780 .081 .043	.00 .00 .32	.39 .19 .43	.70							
S20 .00	SCRAPERS, TANDEM POWERED	60	A	B	10,000	.15	62 .620 .064 .035	62 .620 .064 .035	62 .620 .064 .035	62 .620 .064 .035	.00 .00 .26	.59 .33 .65	.65							
S20 .00		60	S	B	8,000	.15	81 .810 .084 .045	81 .810 .084 .045	81 .810 .084 .045	81 .810 .084 .045	.00 .00 .26	.39 .19 .43	.70							
S25 .00	SCRAPERS, TRACTOR DRAWN	60	A	B	12,000	.20	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .00	.65 .00 .72	.70							
S25 .00		60	S	B	10,000	.20	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .00	.50 .00 .55	.75							
S30 .00	SCREENING PLANTS																			
S35 .00	SNOW REMOVAL EQUIPMENT	95	A	B	8,000	.20	66 .660 .068 .037	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .28	.59 .33 .65	.80							
S40 .00	SOIL STABILIZERS	60	A	B	10,000	.20	66 .660 .068 .037	66 .660 .068 .037	66 .660 .068 .037	66 .660 .068 .037	.00 .00 .28	.59 .33 .65	.85							
S40 .00		60	S	B	8,000	.20	86 .860 .089 .048	86 .860 .089 .048	86 .860 .089 .048	86 .860 .089 .048	.00 .00 .28	.39 .19 .43	.95							
S45 .00	SPLITTERS, ROCK & CONCRETE	95	A	B	6,000	.20	65 .650 .067 .036	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .32 .32	.00 .00 .00	1.00							
T10 .00	TRACTOR BLADES & ATTACHMENTS	70	A	B	10,000	.20	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .00	.00 .00 .00	.80							
T10 .00		70	S	B	8,000	.20	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .00	.00 .00 .00	.90							
T15 .00	TRACTORS, CRAWLER (DOZER)																			
T15 .00	(PER UNIT FOR TANDEM TRACTORS)																			
T15 .01	0 THRU 225 HP	70	A	B	10,000	.25	70 .700 .072 .039	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .36	.00 .00 .00	1.20							
T15 .01		70	S	B	8,000	.25	91 .910 .094 .051	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .36	.00 .00 .00	1.30							
T15 .02	226 HP THRU 425 HP	70	A	B	10,000	.20	70 .700 .072 .039	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .28	.00 .00 .00	1.00							
T15 .02		70	S	B	8,000	.20	91 .910 .094 .051	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .28	.00 .00 .00	1.10							
T15 .03	OVER 425 HP	70	A	B	12,000	.15	70 .700 .072 .039	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .24	.00 .00 .00	1.10							
T15 .03		70	S	B	10,000	.15	91 .910 .094 .051	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .24	.00 .00 .00	1.20							
T20 .00	TRACTORS, WHEEL TYPE (DOZER)	75	A	B	10,000	.15	65 .650 .067 .036	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .24 .28	.73 .44 .00	.60							
T20 .00		75	S	B	8,000	.15	85 .850 .088 .047	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .24 .28	.38 .21 .00	.65							
T25 .00	TRACTORS, WHEEL TYPE (FARM)	75	A	B	8,000	.15	65 .650 .067 .036	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .24 .28	.73 .44 .00	.70							
T30 .00	TRENCHERS, CHAIN	80	A	B	8,000	.20	65 .650 .067 .036	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .28 .28	.91 .68 .00	.90							
T30 .00		80	S	B	6,500	.20	85 .850 .088 .047	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .28 .28	.77 .48 .00	1.00							
T35 .00	TRENCHERS, WHEEL TYPE	80	A	B	10,000	.20	65 .650 .067 .036	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .28 .28	.91 .68 .00	.90							
T35 .00		80	S	B	8,000	.20	85 .850 .088 .047	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .28 .28	.77 .48 .00	1.00							
T40 .00	TRUCK OPTIONS, (ADD TRUCK)																			
T40 .10	CRANES, HYDRAULIC	95	A	B	8,000	.20	65 .650 .067 .036	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.45 .32 .32	.00 .00 .00	.80							
T40 .20	DUMP BODY, REAR	95	A	B	8,000	.20	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .00	.00 .00 .00	.70							
T40 .20		95	S	B	6,500	.20	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	0 .000 .000 .000	.00 .00 .00	.00 .00 .00	.80							

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (Continued)

CATEGORY SUB	TYPE OF EQUIPMENT	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT			HPF	FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS			RPR
								E	G	D		E	G	D	E	G	D	PT	DT	TT	
T40 .30	FLATBEDS, W/ CONT. SIDES	95	A	B	8,000	.20	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.00	.60
T40 .40	HOIST																				
T40 .41	ELECTRIC DRIVE	95	A	B	8,000	.20	65	.650	.067	.036	0	.000	.000	.000	.45	.32	.32	.00	.00	.00	.70
T40 .50	TRANSIT MIXERS	95	A	B	8,000	.15	65	.650	.067	.036	0	.000	.000	.000	.45	.32	.32	.00	.00	.00	.70
T40 .60	WATER TANKS	95	A	B	8,000	.20	65	.650	.067	.036	0	.000	.000	.000	.45	.32	.32	.00	.00	.00	.60
T40 .70	ALL OTHER OPTIONS	95	A	B	8,000	.20	65	.650	.067	.036	0	.000	.000	.000	.45	.32	.32	.56	.40	.62	.70
T45 .00	TRUCK TRAILERS,																				
T45 .10	BOTTOM DUMP	95	A	B	10,000	.15	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.65	.70
T45 .10		95	S	B	8,000	.15	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.54	.80
T45 .20	END DUMP	95	A	B	10,000	.15	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.65	.65
T45 .20		95	S	B	8,000	.15	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.54	.75
T45 .30	PUP TRAILER	95	A	B	8,000	.15	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.65	.60
T45 .40	LOWBOY (EQUIPMENT HAULING)	95	A	B	10,000	.30	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.65	.50
T45 .41	RIGID NECK, DROP DECK	95	A	B	10,000	.30	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.65	.50
T45 .50	PLATFORM TRAILER	95	A	B	10,000	.30	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.65	.50
T45 .60	TIILT TRAILER	95	A	B	10,000	.30	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.65	.50
T45 .70	WATER TANKER TRAILER	95	A	B	10,000	.30	65	.650	.067	.036	0	.000	.000	.000	.00	.00	.00	.00	.00	.65	.60
T45 .80	DECONTAMINATION FACILITY	95	A	B	8,000	.30	0	.000	.000	.000	0	.000	.000	.000	.00	.00	.00	.00	.00	.65	.70
T50 .00	TRUCKS, HIGHWAY																				
T50 .01	0 THRU 10,000 GVW	85	A	S	7,000	.25	15	.150	.016	.008	0	.000	.000	.000	.00	.28	.24	.41	.29	.00	.70
T50 .01		85	S	S	5,500	.25	20	.200	.021	.011	0	.000	.000	.000	.00	.28	.24	.36	.22	.00	.75
T50 .02	OVER 10,000 THRU 30,000 GVW	85	A	S	8,000	.25	35	.350	.036	.020	0	.000	.000	.000	.00	.30	.26	.49	.39	.00	.65
T50 .02		85	S	S	6,500	.25	46	.460	.048	.026	0	.000	.000	.000	.00	.30	.26	.42	.30	.00	.70
T50 .03	OVER 30,000 GVW	85	A	S	8,000	.20	50	.500	.052	.028	0	.000	.000	.000	.00	.32	.28	.51	.38	.57	.65
T50 .03		85	S	S	6,500	.20	65	.650	.067	.036	0	.000	.000	.000	.00	.32	.28	.43	.29	.48	.75
T55 .00	TRUCKS, OFF-HIGHWAY	90	A	B	12,000	.15	40	.400	.041	.022	0	.000	.000	.000	.00	.00	.34	.59	.36	.65	.60
T55 .00		90	S	B	10,000	.15	52	.520	.054	.029	0	.000	.000	.000	.00	.00	.34	.39	.21	.43	.70
T60 .00	TRUCKS, WATER, OFF-HIGHWAY	90	A	B	12,000	.20	65	.650	.067	.036	0	.000	.000	.000	.00	.24	.32	.73	.55	.81	.70
T60 .00		90	S	B	10,000	.20	85	.850	.088	.047	0	.000	.000	.000	.00	.24	.32	.56	.40	.62	.80
T65 .00	TUNNEL MINING MACHINES																				
W10 .00	WAGONS, BOTTOM DUMP	90	A	B	12,000	.15	65	.650	.067	.036	0	.000	.000	.000	.00	.24	.32	.59	.39	.65	.65
W10 .00		90	S	B	10,000	.15	85	.850	.088	.047	0	.000	.000	.000	.00	.24	.32	.39	.22	.43	.75
W15 .00	WAGONS, REAR DUMP	90	A	B	12,000	.15	65	.650	.067	.036	0	.000	.000	.000	.00	.24	.32	.59	.39	.65	.60
W15 .00		90	S	B	10,000	.15	85	.850	.088	.047	0	.000	.000	.000	.00	.24	.32	.39	.22	.43	.70
W25 .00	WATER BLASTERS																				
W25 .10	LOW PRESSURE, (< 5,000 PSI)	95	A	B	4,000	.20	95	.950	.098	.053	0	.000	.000	.000	.40	.24	.28	.00	.00	.90	1.10
W25 .20	HIGH PRESSURE, (>= 5,000 PSI)	95	A	B	6,000	.20	95	.950	.098	.053	0	.000	.000	.000	.40	.24	.28	.00	.00	.90	1.20
W25 .30	STEAM CLEANERS	95	A	B	4,000	.20	95	.950	.098	.053	0	.000	.000	.000	.40	.24	.28	.00	.00	.90	1.10
W30 .00	WATER TANKS																				
W30 .10	PORTABLE W/ WHEELS	90	A	B	12,000	.20	65	.650	.067	.036	0	.000	.000	.000	.00	.24	.28	.77	.73	.90	.60
W30 .20	SKID MOUNTED	90	A	B	12,000	.20	65	.650	.067	.036	0	.000	.000	.000	.00	.24	.28	.00	.00	.90	.50

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (Continued)

CATEGORY SUB	TYPE OF EQUIPMENT	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT			HPF	FUEL FACTOR CARRIER			FOG			TIRE WEAR FACTORS		
								E	G	D		E	G	D	E	G	D	FT	DT	TT
W35 .00	WELDERS																			
W35 .10	GASOLINE or DIESEL DRIVE	95	A	B	8,000	.30	80 .800 .083 .045	0	.000	.000 .000		.00	.24	.24	.00	.00	.90	.75		
W35 .20	ELECTRICAL																			
W35 .21	ELECTRIC DRIVE	95	A	B	6,000	.25	60 .600 .062 .033	0	.000	.000 .000		.40	.00	.00	.00	.00	.90	.50		
W35 .22	MIG	95	A	B	6,000	.25	60 .600 .062 .033	0	.000	.000 .000		.40	.00	.00	.00	.00	.90	.50		
W35 .23	RECTIFIER	95	A	B	6,000	.25	60 .600 .062 .033	0	.000	.000 .000		.40	.00	.00	.00	.00	.90	.50		
W35 .24	TRANSFORMER	95	A	B	6,000	.25	60 .600 .062 .033	0	.000	.000 .000		.40	.00	.00	.00	.00	.90	.50		

APPENDIX E
ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT

1967 = 1000

EK	EQUIPMENT DIVISIONS	YEAR PURCHASE NEW																		
		AGE IN YEARS																		
		N/A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
5	Air Equipment	2060	1956	1888	1801	1730	1720	1733	1683	1695	1668	1563	1630	1521	1354	1295	1186	1165	1028	
10	Asphalt & Concrete Paving Equipment	3032	2961	2867	2793	2730	2687	2687	2611	2583	2620	2461	2296	2111	1941	1815	1686	1610	1451	
15	Buckets	5864	5644	5314	4872	4767	4713	4640	4527	4471	4541	4313	3879	3280	2963	2738	2520	2175	1838	
20	Cranes, Draglines & Clamshells - Crawler & Truck Mounted	4415	4149	3967	3688	3595	3485	3395	3339	3282	3213	3009	2782	2512	2301	2138	2010	1843	1522	
25	Drills	3191	3071	2969	2807	2792	2786	2832	2803	2836	2810	2602	2265	1993	1858	1699	1638	1559	1373	
30	Generators	4273	4113	3998	3773	3575	3514	3510	3400	3314	3236	3160	2817	2390	2301	2128	2053	1839	1456	
35	Graders, Motor	4498	4359	4219	4010	3914	3759	3738	3645	3643	3561	3276	2992	2687	2492	2259	2109	1956	1604	
40	Loaders, Track	4674	4560	4404	4163	3918	3770	3767	3791	3792	3655	3349	3061	2750	2482	2247	2053	1916	1573	
45	Loaders, Wheel	4712	4535	4409	4235	4099	3991	3973	3944	3873	3788	3441	2938	2606	2375	2156	2002	1907	1584	
50	Pile Driving Equipment	4349	4186	4029	3845	3745	3668	3626	3570	3519	3439	3208	2894	2562	2329	2135	1989	1852	1523	
55	Rollers	4753	4633	4507	4412	4217	4151	4090	3926	3744	3431	3199	2913	2653	2396	2139	1983	1872	1556	
60	Scrapers and Soil Stabilizers	4498	4359	4219	4010	3914	3759	3738	3645	3643	3561	3276	2992	2687	2492	2259	2109	1956	1604	
65	Shovels, Backhoes & Hydraulic Excavators	4232	4149	3967	3688	3595	3485	3395	3339	3282	3213	3009	2782	2512	2301	2138	2010	1843	1522	
70	Tractors, Crawlers Attachments	4706	4560	4404	4163	3918	3770	3767	3791	3792	3655	3349	3061	2750	2482	2247	2053	1916	1573	
75	Tractor, Wheel	4232	4125	4018	3936	3862	3820	3818	3656	3557	3530	3256	2927	2578	2319	2125	1956	1843	1498	
80	Trenchers	5076	4900	4753	4679	4600	4586	4488	4431	4360	4097	3618	3153	2772	2580	2300	1894	1633	1527	
85	Trucks, Highway	3684	3546	3495	3363	3299	3282	3139	3055	2934	2824	2638	2324	2108	1934	1775	1646	1524	1369	
90	Trucks & Wagons Off-Highway	4880	4621	4405	4094	3915	3840	3822	3786	3744	3662	3363	2964	2588	2364	2196	2081	1965	1568	
95	All Other Equip.	4349	4186	4029	3845	3745	3668	3626	3570	3519	3439	3208	2894	2562	2329	2135	1989	1852	1523	
100	All Tires & Tubes	2566	2470	2480	2399	2322	2340	2374	2421	2453	2552	2506	2369	2055	1792	1699	1615	1485	1334	
105	Marine Equipment	4438	4271	4091	3920	3886	3863	3749	3633	3497	3391	3239	2922	2587	2352	2156	2008	1870	1538	
EK = ECONOMIC KEY																				

ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT (Continued)

$$1967 = 1000$$

EQUIPMENT DIVISIONS		YEAR PURCHASE NEW																		
		AGE IN YEARS																		
		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
5	Air Equipment	935	920	929	936	918	970	1000	992	954	872	853	843	846	781	775	743	706		
10	Asphalt & Concrete Paving Equipment	1304	1263	1235	1163	1091	1044	1000	963	931	905	872	858	844	830	812	777	745		
15	Buckets	1430	1370	1316	1188	1062	1025	1000	1000	1003	978	971	953	950	950	960	1020	1014		
20	Cranes, Draglines & Clamshells - Crawler & Truck Mounted	1305	1260	1212	1147	1090	1049	1000	967	930	914	890	868	862	859	841	817	795		
25	Drills	1249	1184	1160	1115	1052	1037	1000	993	971	914	904	904	901	852	851	798	737		
30	Generators	1316	1293	1243	1188	1089	1029	1000	947	924	916	901	892	932	1007	1007	987	936		
35	Graders, Motor	1361	1244	1208	1152	1101	1053	1000	975	951	923	903	877	869	872	866	829	802		
40	Loaders, Track	1329	1219	1184	1135	1100	1079	1000	956	936	914	882	861	857	840	817	786	748		
45	Loaders, Wheel	1362	1317	1261	1197	1144	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
50	Pile Driving Equipment	1307	1257	1218	1159	1104	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
55	Rollers	1328	1279	1230	1178	1082	1049	1000	962	936	908	903	900	885	874	819	749	706		
60	Scrapers and Soil Stabilizers	1361	1244	1208	1152	1101	1053	1000	975	951	923	903	877	869	872	866	829	802		
65	Shovels, Backhoes & Hydraulic Excavators	1305	1260	1212	1147	1090	1049	1000	967	930	914	890	868	862	859	841	817	795		
70	Tractors, Crawlers Attachments	1329	1219	1184	1135	1100	1079	1000	956	936	914	882	861	857	840	817	786	748		
75	Tractor, Wheel	1288	1251	1211	1152	1109	1050	1000	962	927	902	875	858	858	852	842	825	792		
80	Trenchers	1384	1316	1284	1207	1113	1051	1000	990	961	950	919	915	902	888	859	833	825		
85	Trucks, Highway	1230	1211	1185	1114	1062	1033	1000	980	975	967	975	981	981	1006	986	945			
90	Trucks & Wagons Off-Highway	1315	1293	1245	1190	1135	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
95	All Other Equip.	1307	1257	1218	1159	1104	1057	1000	965	936	912	890	875	873	859	841	812	782		
100	All Tires & Tubes	1114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
105	Marine Equipment	1320	1269	1230	1170	1115	1067	1000	974	945	921	899	883	881	867	849	820	790		

EK = ECONOMIC KEY

APPENDIX F
TIRE DESCRIPTION AND TIRE COST

The current tire description and tire costs used to develop the rates in the TABLE 3-1 are tabulated on the following pages. These tire prices include allowances for contractor's discount, sales tax, excise tax, and tire tubes where applicable. This data is provided to give the user reasonable estimated values for the tires used in conjunction with rate development in this pamphlet. Belts for loaders are also included.

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: LT TRUCK					
RIB HI-MILER					
	670-15	6.70 x 15.00	6	TT	59
	700-15	7.00 x 15.00	6	TL	69
	650-16	6.50 x 16.00	6	TT	64
TRACKER LT BLACK					
	700-14	7.00 x 14.00	6	TL	71
	700-14	7.00 x 14.00	8	TL	73
	700-15	7.00 x 15.00	6	TL	83
	H78-15	7.80 x 15.00	6	TL	90
	G78-15	7.80 x 15.00	6	TL	87
	L78-15	7.80 x 15.00	6	TL	93
	800-165	8.00 x 16.50	8	TL	99
	875-165	8.75 x 16.50	8	TL	107
	875-165	8.75 x 16.50	10	TL	118
	950-165	9.50 x 16.50	8	TL	116
	950-165	9.50 x 16.50	10	TL	126
SUPER HI-MILER					
	670-15	6.70 x 15.00	6	TL	94
	700-15	7.00 x 15.00	6	TL	101
	700-15	7.00 x 15.00	8	TL	107
	750-15	7.50 x 15.00	8	TT	92
	650-16	6.50 x 16.00	6	TL	101
	750-16	7.50 x 16.00	8	TL	114
	750-16	7.50 x 16.00	10	TL	129
	750-16	7.50 x 16.00	8	TT	123
	800-195	8.00 x 19.50	8	TL	168
	750-20	7.50 x 20.00	8	TT	155
	825-20	8.25 x 20.00	10	TT	215
	825-20	8.25 x 20.00	12	TT	280
	900-20	9.00 x 20.00	10	TT	247
	900-20	9.00 x 20.00	12	TT	302
	1000-20	10.00 x 20.00	12	TT	311
	1000-20	10.00 x 20.00	14	TT	380
	1100-20	11.00 x 20.00	12	TT	375
	1100-20	11.00 x 20.00	14	TT	423
	1000-22	10.00 x 22.00	12	TT	345
	1100-22	11.00 x 22.00	12	TT	396
	1100-22	11.00 x 22.00	14	TT	441
	750-20	7.50 x 20.00	10	TT	165
	825-20	8.25 x 20.00	10	TT	165
	825-20	8.25 x 20.00	12	TT	197
	900-20	9.00 x 20.00	10	TT	194
	900-20	9.00 x 20.00	12	TT	222
	1000-20	10.00 x 20.00	12	TT	257
	1000-20	10.00 x 20.00	14	TT	295
	1100-20	11.00 x 20.00	12	TT	309

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST(\$) PER EACH
TIRE GROUP: LT TRUCK					
SUPER HI-MILER					
	1100-20	11.00 x 20.00	14	TT	354
	1000-22	10.00 x 22.00	12	TT	301
	1100-22	11.00 x 22.00	14	TT	367
	1000-225	10.00 x 22.50	10	TT	195
	1100-225	11.00 x 22.50	12	TT	265
	1100-245	11.00 x 24.50	12	TT	319
CUSTOM HI-MILER					
	1200-165	12.00 x 16.50	10	TT	152
	1400-175	14.00 x 17.50	10	TT	403
	1100-20	11.00 x 20.00	14	TT	465
	1200-20	12.00 x 20.00	14	TT	549
	1200-20	12.00 x 20.00	16	TT	603
	1400-20	14.00 x 20.00	18	TT	795
	1200-20	12.00 x 20.00	16	TT	520
	1200-20	12.00 x 20.00	14	TT	457
	1400-20	14.00 x 20.00	18	TT	653
	1400-24	14.00 x 24.00	20	TT	795
RIB HI-MILER LP TRAILER					
	690-15	6.90 x 15.00	8	TT	136
	750-15	7.50 x 15.00	12	TT	212
	825-15	8.25 x 15.00	12	TT	222
	825-15	8.25 x 15.00	14	TT	260
	900-15	9.00 x 15.00	12	TT	239
	1000-15	10.00 x 15.00	12	TT	281
	1000-15	10.00 x 15.00	14	TT	316
CUSTOM HI-MILER SUPER SINGLE					
	12-165	12.00 x 16.50	10	TL	206
	12-165	12.00 x 16.50	12	TL	232
	14-175	14.00 x 17.50	10	TL	445
	15-225	15.00 x 22.50	16	TL	634
	165-225	16.50 x 22.50	16	TL	712
	18-225	18.00 x 22.50	16	TL	672
	18-225	18.00 x 22.50	18	TL	743
	18-195	18.00 x 19.50	18	TL	720
	15-225	15.00 x 22.50	14	TL	532
	15-225	15.00 x 22.50	16	TL	547
	165-225	16.50 x 22.50	16	TL	605
	18-225	18.00 x 22.50	16	TL	692
	18-225	18.00 x 22.50	18	TL	728
TRACKER LT II					
	7-15	7.00 x 15.00	6	TL	102
	7-15	7.00 x 15.00	8	TL	107

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: COMMERCIAL - OVER THE ROAD					
SUPER HI-MILER					
	670-15	6.70 x 15.00	6	TL	94
	700-15	7.00 x 15.00	6	TL	101
	700-15	7.00 x 15.00	8	TL	107
	750-15	7.50 x 15.00	8	TT	92
	650-16	6.50 x 16.00	6	TL	101
	750-16	7.50 x 16.00	8	TL	114
	750-16	7.50 x 16.00	10	TL	129
	750-16	7.50 x 16.00	8	TT	123
	800-195	8.00 x 19.50	8	TL	168
	750-20	7.50 x 20.00	8	TT	155
	825-20	8.25 x 20.00	10	TT	215
	825-20	8.25 x 20.00	12	TT	280
	900-20	9.00 x 20.00	10	TT	247
	900-20	9.00 x 20.00	12	TT	302
	1000-20	10.00 x 20.00	12	TT	311
	1000-20	10.00 x 20.00	14	TT	380
	1100-20	11.00 x 20.00	12	TT	375
	1100-20	11.00 x 20.00	14	TT	423
	1000-22	10.00 x 22.00	12	TT	345
	1100-22	11.00 x 22.00	12	TT	396
	1100-22	11.00 x 22.00	14	TT	441
	750-20	7.50 x 20.00	10	TT	165
	825-20	8.25 x 20.00	10	TT	165
	825-20	8.25 x 20.00	12	TT	197
	900-20	9.00 x 20.00	10	TT	194
	900-20	9.00 x 20.00	12	TT	222
	1000-20	10.00 x 20.00	12	TT	257
	1000-20	10.00 x 20.00	14	TT	295
	1100-20	11.00 x 20.00	12	TT	309
	1100-20	11.00 x 20.00	14	TT	354
	1000-22	10.00 x 22.00	12	TT	301
	1100-22	11.00 x 22.00	14	TT	367
	1000-225	10.00 x 22.50	10	TT	195
	1100-225	11.00 x 22.50	12	TT	265
	1100-245	11.00 x 24.50	12	TT	319
CUSTOM HI-MILER					
	1200-165	12.00 x 16.50	10	TT	152
	1400-175	14.00 x 17.50	10	TT	403
	1100-20	11.00 x 20.00	14	TT	465
	1200-20	12.00 x 20.00	14	TT	549
	1200-20	12.00 x 20.00	16	TT	603
	1400-20	14.00 x 20.00	18	TT	795
	1200-20	12.00 x 20.00	16	TT	520
	1200-20	12.00 x 20.00	14	TT	457
	1400-20	14.00 x 20.00	18	TT	653

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: COMMERCIAL - OVER THE ROAD					
CUSTOM HI-MILER					
SRL 1	1400-24	14.00 x 24.00	20	TT	795
	900-20	9.00 x 20.00	20	TT	309
	1000-20	10.00 x 20.00	12	TT	351
	1000-20	10.00 x 20.00	20	TT	404
	1100-20	11.00 x 20.00	14	TT	435
	1400-20	14.00 x 20.00	18	TT	826
	1100-22	11.00 x 22.00	22	TT	467
	1400-24	14.00 x 24.00	18	TT	901
	1400-24	14.00 x 24.00	20	TT	936
CUSTOM CROSS RIB HI-MILER					
	900-20	9.00 x 20.00	10	TT	233
	1000-20	10.00 x 20.00	12	TT	282
	1100-20	11.00 x 20.00	12	TT	396
	1100-20	11.00 x 20.00	14	TT	411
	1000-22	10.00 x 22.00	12	TT	355
	1100-22	11.00 x 22.00	12	TT	392
	11-225	11.00 x 22.50	12	TL	283
CUSTOM HI-MILER SUPER SINGLE					
	12-165	12.00 x 16.50	10	TL	206
	12-165	12.00 x 16.50	12	TL	232
	14-175	14.00 x 17.50	10	TL	445
	15-225	15.00 x 22.50	16	TL	634
	165-225	16.50 x 22.50	16	TL	712
	18-225	18.00 x 22.50	16	TL	672
	18-225	18.00 x 22.50	18	TL	743
	18-195	18.00 x 19.50	18	TL	720
	15-225	15.00 x 22.50	14	TL	532
	15-225	15.00 x 22.50	16	TL	547
	165-225	16.50 x 22.50	16	TL	605
	18-225	18.00 x 22.50	16	TL	692
	18-225	18.00 x 22.50	18	TL	728
CUSTOM XTRA GRIP HI-MILER					
	750-20	7.50 x 20.00	10	TT	176
	825-20	8.25 x 20.00	10	TT	193
	900-20	9.00 x 20.00	10	TT	223
	900-20	9.00 x 20.00	12	TT	261
	1000-20	10.00 x 20.00	12	TT	282
	1000-20	10.00 x 20.00	14	TT	325
	1100-20	11.00 x 20.00	12	TT	329
	1100-20	11.00 x 20.00	14	TT	377
HI-MILER LPT					
	750-15	7.50 x 15.00	12	TT	185
	825-15	8.25 x 15.00	12	TT	192
	825-15	8.25 x 15.00	14	TT	218

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: COMMERCIAL - OVER THE ROAD					
HI-MILER LPT					
	900-15	9.00 x 15.00	12	TT	222
	1000-15	10.00 x 15.00	14	TT	277

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: FARM TIRES					
POWER TORQUE REAR TRACTOR R-1					
950-16	9.50 x 16.00	6	TT		235
184-161	18.40 x 16.10	6	TL		441
136-26	13.60 x 26.00	6	TT		424
149-26	14.90 x 26.00	6	TT		470
136-28	13.60 x 28.00	6	TL		401
184-28	18.40 x 28.00	6	TT		682
ALL WEATHER REAR TRACTOR R-3					
95-16	9.50 x 16.00	4	TT		200
124-16	12.40 x 16.00	8	TL		252
124-16	12.40 x 16.00	12	TT		333
136-161	13.60 x 16.10	8	TL		457
165L-161	16.50 x 16.10	6	TL		436
184-161	18.40 x 16.10	6	TT		565
184-161	18.40 x 16.10	8	TL		610
83-24	8.30 x 24.00	4	TT		201
95-24	9.50 x 24.00	4	TT		235
149-24	14.90 x 24.00	6	TT		457
149-24	14.90 x 24.00	8	TT		524
169-24	16.90 x 24.00	6	TT		552
184-26	18.40 x 26.00	6	TL		637
184-26	18.40 x 26.00	10	TL		833
231-26	23.10 x 26.00	8	TT		1,090
231-26	23.10 x 26.00	10	TT		1,251
231-26	23.10 x 26.00	10	TL		1,259
231-26	23.10 x 26.00	12	TL		1,449
231-26	23.10 x 26.00	8	TL		1,096
28L-26	28.00 x 26.00	10	TL		1,631
28L-26	28.00 x 26.00	12	TL		1,782
136-28	13.60 x 28.00	4	TT		379
136-28	13.60 x 28.00	6	TT		437
136-28	13.60 x 28.00	6	TL		451
245-32	24.50 x 32.00	12	TL		2,082
305L-32	30.50 x 32.00	12	TL		2,856
305L-32	30.50 x 32.00	16	TT		3,562
169-34	16.90 x 34.00	10	TL		1,083
INDUSTRIAL SURE GRIP R-4					
149-24	14.90 x 24.00	6	TL		423
149-24	14.90 x 24.00	8	TT		482
149-24	14.90 x 24.00	8	TL		489
149-24	14.90 x 24.00	6	TT		425
169-24	16.90 x 24.00	6	TL		519
169-24	16.90 x 24.00	10	TL		675
169-24	16.90 x 24.00	8	TL		663
169-24	16.90 x 24.00	8	TT		602
184-24	18.40 x 24.00	8	TL		872

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: FARM TIRES					
INDUSTRIAL SURE GRIP R-4					
	184-24	18.40 x 24.00	10	TL	982
	184-24	18.40 x 24.00	12	TT	1,095
	149-28	14.90 x 28.00	8	TT	632
	149-28	14.90 x 28.00	14	TL	823
	169-28	16.90 x 28.00	10	TL	795
	169-28	16.90 x 28.00	8	TT	745
	184-28	18.40 x 28.00	8	TT	867
	184-28	18.40 x 28.00	12	TT	1,142
LOGGER LUG STEELGARD LS-2					
	184-26	18.40 x 26.00	10	TT	1,396
	231-26	23.10 x 26.00	10	TT	2,221
	28L-26	28.00 x 26.00	12	TT	2,574
	245-32	24.50 x 32.00	12	TT	3,090
	245-32	24.50 x 32.00	16	TT	3,970
	305L-32	30.50 x 32.00	12	TT	3,666
	305L-32	30.50 x 32.00	16	TT	5,240
	184-34	18.40 x 34.00	10	TT	1,802
TRACTION TORQUE REAR TRACTOR R-1					
	149-24	14.90 x 24.00	6	TT	319
	169-24	16.90 x 24.00	6	TT	412
	231-26	23.10 x 26.00	8	TT	998
	184-30	18.40 x 30.00	10	TT	900
	112-36	11.20 x 36.00	4	TT	300
	124-36	12.40 x 36.00	4	TT	333
	139-36	13.90 x 36.00	4	TT	376
	112-38	11.20 x 38.00	4	TT	317
	149-38	14.90 x 38.00	4	TT	468
SINGLE RIB FRONT TRACTOR F-1					
	600-16	6.00 x 16.00	4	TT	92
	750-16	7.50 x 16.00	6	TT	140
	1000-16	10.00 x 16.00	6	TT	192
FARM SERVICE I-1					
	750-14	7.50 x 14.00	4	TL	62
	85L-14	8.50 x 14.00	6	TT	91
	95L-14	9.50 x 14.00	4	TL	83
	95L-14	9.50 x 14.00	6	TL	92
	95L-14	9.50 x 14.00	6	TT	100
	11L-14	11.00 x 14.00	4	TL	107
	11L-14	11.00 x 14.00	6	TL	98
	11L-14	11.00 x 14.00	6	TT	108
	95L-15	9.50 x 15.00	6	TL	94
	95L-15	9.50 x 15.00	8	TT	112
	95L-15	9.50 x 15.00	6	TT	102
	1000-15	10.00 x 15.00	8	TL	118
	11L-15	11.00 x 15.00	6	TL	103

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: FARM TIRES					
FARM SERVICE I-1					
	11L-15	11.00 x 15.00	12	TL	154
	11L-15	11.00 x 15.00	12	TT	162
	11L-15	11.00 x 15.00	8	TT	115
	11L-15	11.00 x 15.00	10	TL	132
	11L-15	11.00 x 15.00	8	TL	107
	11L-15	11.00 x 15.00	6	TT	111
	125L-15	12.50 x 15.00	8	TT	138
	125L-15	12.50 x 15.00	12	TL	177
	125L-15	12.50 x 15.00	12	TL	177
	125L-15	12.50 x 15.00	10	TT	164
	125L-15	12.50 x 15.00	8	TL	132
	11L-16	11.00 x 16.00	8	TL	122
	11L-16	11.00 x 16.00	10	TL	142
	11L-16	11.00 x 16.00	10	TT	148
	11L-16	11.00 x 16.00	8	TT	130
	125L-16	12.50 x 16.00	8	TL	152
	125L-16	12.50 x 16.00	12	TL	177
	125L-16	12.50 x 16.00	8	TT	157
	14L-161	14.00 x 16.10	6	TL	236
	165L-161	16.50 x 16.10	8	TL	285
	165L-161	16.50 x 16.10	10	TL	315
	19L-161	19.00 x 16.10	8	TL	356
	19L-161	19.00 x 16.10	10	TL	418
	215L-161	21.50 x 16.10	10	TL	437
	215L-161	21.50 x 16.10	14	TL	512
IMPLEMENT RIB I-1					
	400-09	4.00 x 9.00	4	TT	42
	900-10	9.00 x 10.00	4	TT	97
	400-12	4.00 x 12.00	4	TT	42
	500-15	5.00 x 15.00	4	TT	59
	590-15	5.90 x 15.00	4	TL	60
	640-15	6.40 x 15.00	6	TL	66
	670-15	6.70 x 15.00	4	TL	66
	670-15	6.70 x 15.00	6	TT	76
	760-15	7.60 x 15.00	4	TL	86
	760-15	7.60 x 15.00	6	TT	93
	760-15	7.60 x 15.00	6	TL	91
	600-16	6.00 x 16.00	6	TT	79
	650-16	6.50 x 16.00	6	TT	78
	750-16	7.50 x 16.00	6	TT	104
	750-16	7.50 x 16.00	8	TT	105
	750-16	7.50 x 16.00	10	TT	133
	900-16	9.00 x 16.00	10	TT	160
	400-18	4.00 x 18.00	4	TT	66
	750-18	7.50 x 18.00	6	TT	121

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST(\$) PER EACH
TIRE GROUP: FARM TIRES					
IMPLEMENT RIB I-1					
	750-20	7.50 x 20.00	4	TL	132
	750-20	7.50 x 20.00	6	TT	134
	900-24	9.00 x 24.00	6	TL	252
	900-24	9.00 x 24.00	8	TL	303
	900-24	9.00 x 24.00	8	TT	262
	1125-24	11.25 x 24.00	8	TT	342
	1125-24	11.25 x 24.00	8	TL	335
	1125-28	11.25 x 28.00	12	TT	453
LABORER F-3					
	11L-15	11.00 x 15.00	8	TL	138
	11-15	11.00 x 15.00	10	TL	156
	800-16	8.00 x 16.00	6	TL	108
	800-16	8.00 x 16.00	10	TL	128
	11L-16	11.00 x 16.00	8	TL	168
	11L-16	11.00 x 16.00	12	TL	207
	11L-16	11.00 x 16.00	10	TL	183
	145/75-161	14.50 x 16.10	10	TL	344
SMOOTH					
	169-30	16.90 x 30.00	6	TL	935
ALL SERVICE SUPER SINGLE					
	15-195	15.00 x 19.50	14	TL	480
	18-195	18.00 x 19.50	16	TL	769
INDUSTRIAL TORQUE R-4					
	175L-8	17.50 x 8.00	8	TL	619
	195L-8	19.50 x 8.00	8	TL	680
	175L-24	17.50 x 24.00	6	TL	484
	175L-24	17.50 x 24.00	10	TL	712
	195L-24	19.50 x 24.00	10	TL	794
	195L-24	19.50 x 24.00	12	TL	878
	21L-24	21.00 x 24.00	10	TL	920
	21L	21.00 x 24.00	16	TL	1,369
	21L	21.00 x 24.00	12	TL	1,035
	21L-28	21.00 x 28.00	10	TL	1,058
	21L-28	21.00 x 28.00	14	TL	1,147
DYNA TORQUE II REAR TRACTOR R-1					
	112-16	11.20 x 16.00	4	TL	161
	83-24	8.30 x 24.00	4	TT	177
	83-24	8.30 x 24.00	6	TT	202
	95-24	9.50 x 24.00	4	TT	205
	95-24	9.50 x 24.00	6	TT	232
	112-24	11.20 x 24.00	4	TT	221
	112-24	11.20 x 24.00	8	TT	285
	112-24	11.20 x 24.00	6	TT	261
	124-24	12.40 x 24.00	4	TT	265
	124-24	12.40 x 24.00	8	TT	336

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: FARM TIRES					
DYNA TORQUE II REAR TRACTOR R-1					
124-24	12.40 x 24.00	8	TL	347	
124-24	12.40 x 24.00	6	TL	308	
136-24	13.60 x 24.00	4	TT	344	
136-24	13.60 x 24.00	8	TT	411	
149-24	14.90 x 24.00	4	TT	348	
149-24	14.90 x 24.00	6	TL	380	
149-24	14.90 x 24.00	8	TL	443	
149-24	14.90 x 24.00	6	TT	375	
169-24	16.90 x 24.00	6	TT	472	
184-26	18.40 x 26.00	6	TT	495	
184-26	18.40 x 26.00	6	TL	538	
184-26	18.40 x 26.00	10	TT	689	
231-26	23.10 x 26.00	8	TL	1,137	
231-26	23.10 x 26.00	12	TL	1,522	
231-26	23.10 x 26.00	10	TL	1,330	
28L-26	28.00 x 26.00	10	TL	1,503	
28L-26	28.00 x 26.00	12	TL	1,773	
112-28	11.20 x 28.00	4	TT	262	
124-28	12.40 x 28.00	4	TT	287	
124-28	12.40 x 28.00	6	TT	404	
136-28	13.60 x 28.00	4	TT	320	
136-28	13.60 x 28.00	10	TL	473	
136-28	13.60 x 28.00	6	TT	362	
149-28	14.90 x 28.00	4	TT	358	
149-28	14.90 x 28.00	6	TT	402	
169-28	16.90 x 28.00	6	TT	500	
169-30	16.90 x 30.00	6	TT	552	
169-30	16.90 x 30.00	10	TL	632	
184-30	18.40 x 30.00	6	TT	585	
184-30	18.40 x 30.00	12	TL	857	
231-30	23.10 x 30.00	8	TT	1,523	
231-30	23.10 x 30.00	10	TL	1,792	
245-32	24.50 x 32.00	10	TL	1,859	
245-32	24.50 x 32.00	12	TL	2,187	
305L-32	30.50 x 32.00	10	TL	2,842	
305L-32	30.50 x 32.00	16	TL	3,343	
305L-32	30.50 x 32.00	10	TL	2,418	
305L-32	30.50 x 32.00	14	TL	3,054	
169-34	16.90 x 34.00	6	TT	577	
169-34	16.90 x 34.00	8	TL	671	
169-34	16.90 x 34.00	10	TL	772	
184-34	18.40 x 34.00	6	TT	712	
184-34	18.40 x 34.00	8	TT	784	
208-34	20.80 x 34.00	8	TT	1,030	
231-34	23.10 x 34.00	8	TT	1,544	

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: FARM TIRES					
DYNA TORQUE II REAR TRACTOR R-1					
	231-34	23.10 x 34.00	8	TL	1,571
	231-34	23.10 x 34.00	10	TL	1,850
	124-38	12.40 x 38.00	4	TT	368
	136-38	13.60 x 38.00	4	TT	387
	136-38	13.60 x 38.00	6	TT	433
	155-38	15.50 x 38.00	6	TT	487
	169-38	16.90 x 38.00	6	TT	649
	169-38	16.90 x 38.00	8	TT	693
	184-38	18.40 x 38.00	6	TT	742
	184-38	18.40 x 38.00	10	TT	1,074
	184-38	18.40 x 38.00	8	TT	825
	208-38	20.80 x 38.00	8	TT	1,137
	208-38	20.80 x 38.00	14	TL	1,518
	208-38	20.80 x 38.00	10	TT	1,294
	184-42	18.40 x 42.00	8	TT	1,143
	184-42	18.40 x 42.00	10	TT	1,326
	208-42	20.80 x 42.00	10	TT	1,366
SUPER RIB FRONT TRACTOR					
	400-12	4.00 x 12.00	4	TL	48
	600-14	6.00 x 14.00	6	TT	92
	95L-15	9.50 x 15.00	6	TL	143
	750-16	7.50 x 16.00	6	TT	115
	750-16	7.50 x 16.00	8	TT	117
	950-20	9.50 x 20.00	8	TT	197

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: SPECIALTY/INDUSTRIAL TIRES					
CAMPER-TRAILER TIRES					
XTRA TRACTION MINE & INDUSTRIAL					
500-12	5.00 x 12.00	4	TT		60
28-9-15	x	12	TT		260
570-8	5.70 x 8.00	8	TT		82
690-9	6.90 x 9.00	10	TT		112
65-10	6.50 x 10.00	10	TT		123
900-10	9.00 x 10.00	16	TT		405
700-12	7.00 x 12.00	10	TT		204
700-12	7.00 x 12.00	12	TT		209
700-15	7.00 x 15.00	12	TT		265
750-15	7.50 x 15.00	10	TT		260
825-15	8.25 x 15.00	12	TT		289
HARD ROCK LUG MINE & INDUSTRIAL					
1100-15	11.00 x 15.00	16	TT		672
900-20	9.00 x 20.00	12	TT		485
1000-20	10.00 x 20.00	14	TT		573
PRESSED ON INDUST. TIRES XTRA CUSHION SMOOTH					
21-8-15	x				189
18-7-14	x				113
21-6-15	x				144
18-8-14	x				131
13-312-8	x				63
18-6-1218	x				121
1614-7-1114	x				127
1012-5-5	x				83
21-5-15	x				110
12-312-8	x				56
13-45	x				72
16-5-1012	x				116
22-16-16	x				522
1625-6	x				102
18-8-1218	x				150
22-6-1734	x				116
22-9-16	x				221
18-9-1218	x				180
18-7-1218	x				128
1625-5	x				104
16-6-1012	x				116
22-12-16	x				463
22-12-16	x				404
9-5-5	x				54
18-5-1218	x				117
18-9-14	x				145
21-7-15	x				164
16-5-1012	x				104

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: SPECIALTY/INDUSTRIAL TIRES					
PRESSED ON INDUST. TIRES XTRA CUSHION SMOOTH					
	14-412-8	x			83
	22-8-16	x			208
	1512-6-10	x			93
	10-4-5	x			65
INDUSTRIAL TERRA SOF-TRAC					
	20-1000-8	x	2	TL	66
	16-650-8	x	2	TL	40
	13-500-6	x	2	TL	26
	20-1000-8	x	4	TL	72
	14-600-6	x	4	TL	41
	11-400-5	x	2	TL	22
	15-600-6	x	2	TL	34
	18-650-8	x	2	TL	43
	16-650-8	16.00 x 6.50	4	TL	47
	18-850-8	18.00 x 8.50	2	TL	45
	18-850-8	18.00 x 8.50	4	TL	50
SURE GRIP-XTRA TRACTION TERRA					
	23-850-12	23.00 x 8.50	4	TL	58
	26-1200-12	26.00 x 12.00	4	TL	83
	31-1550-15	31.00 x 15.50	8	TL	248
COMPACTOR SMOOTH FLAT TREAD					
	750-15	7.50 x 15.00	6	TL	143
	750-15	7.50 x 15.00	12	TT	240
	750-15	7.50 x 15.00	6	TT	154
	1400-24	14.00 x 24.00	20	TT	1,332
E-3 HARD ROCK LUG					
	1800-25	18.00 x 25.00	20	TL	2,089
	2100-35	21.00 x 35.00	28	TL	4,381
	375-51	37.50 x 51.00	44	TL	13,159
	1200-20	12.00 x 20.00	16	TT	644
	1200-20	12.00 x 20.00	20	TT	771
	1400-20	14.00 x 20.00	24	TT	1,046
	1600-21	16.00 x 21.00	20	TL	1,474
	1200-24	12.00 x 24.00	16	TT	740
	1400-24	14.00 x 24.00	20	TT	1,048
	1400-24	14.00 x 24.00	28	TT	1,348
	1400-24	14.00 x 24.00	24	TT	1,148
	1400-25	14.00 x 25.00	20	TL	1,033
	1600-25	16.00 x 25.00	20	TL	1,521
	1600-25	16.00 x 25.00	28	TL	1,679
	1600-25	16.00 x 25.00	24	TL	1,598
	1800-25	18.00 x 25.00	28	TL	2,354
	1800-25	18.00 x 25.00	32	TL	2,471
	2100-25	21.00 x 25.00	32	TL	3,691
	1800-33	18.00 x 33.00	28	TL	2,731

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: SPECIALTY/INDUSTRIAL TIRES					
E-3 HARD ROCK LUG					
	1800-33	18.00 x 33.00	32	TL	2,866
	2100-35	21.00 x 35.00	32	TL	4,698
	2100-35	21.00 x 35.00	36	TL	4,933
	2400-35	24.00 x 35.00	30	TL	5,496
	2400-35	24.00 x 35.00	36	TL	5,920
E-3 HARD ROCK LUG 8					
	2400-49	24.00 x 49.00	36	TL	6,956
	2400-49	24.00 x 49.00	42	TL	7,641
	2400-49	24.00 x 49.00	48	TL	8,230
E-3 SUPER HARD ROCK LUG					
	235-25	23.50 x 25.00	24	TL	2,245
	265-25	26.50 x 25.00	24	TL	3,657
	295-29	29.50 x 29.00	22	TL	4,577
	3325-29	33.25 x 29.00	32	TL	6,321
	3350-33	33.50 x 33.00	38	TL	9,011
	3325-35	33.25 x 35.00	32	TL	7,332
	3325-35	33.25 x 35.00	38	TL	7,374
	375-39	37.50 x 39.00	36	TL	9,947
	375-39	37.50 x 39.00	44	TL	5,477
	205-25	20.50 x 25.00	12	TL	1,424
	205-25	20.50 x 25.00	20	TL	1,571
	205-25	20.50 x 25.00	16	TL	1,497
	235-25	23.50 x 25.00	16	TL	2,111
	235-25	23.50 x 25.00	20	TL	2,215
	265-25	26.50 x 25.00	20	TL	3,555
	265-25	26.50 x 25.00	26	TL	3,826
	295-25	29.50 x 25.00	22	TL	4,388
	295-25	29.50 x 25.00	28	TL	4,724
	295-29	29.50 x 29.00	28	TL	5,031
	295-29	29.50 x 29.00	34	TL	5,416
E-3 SUPER HARD ROCK LUG 8					
	295-29	29.50 x 29.00	26	TL	4,929
	3325-29	33.25 x 29.00	26	TL	5,727
	335-33	33.50 x 33.00	32	TL	6,753
	335-33	33.50 x 33.00	38	TL	7,270
	295-35	29.50 x 35.00	28	TL	5,533
	295-35	29.50 x 35.00	34	TL	5,957
	3325-35	33.25 x 35.00	32	TL	6,947
	3725-35	37.25 x 35.00	30	TL	8,240
	375-35	37.50 x 35.00	36	TL	8,877
	375-39	37.50 x 39.00	44	TL	10,148
	375-39	37.50 x 39.00	60	TL	12,362
	375-39	37.50 x 39.00	52	TL	11,199
	375-51	37.50 x 51.00	44	TL	11,530
E-4 HARD ROCK LUG XTRA-TRED 8					

(1) TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: SPECIALTY/INDUSTRIAL TIRES					
E-4 HARD ROCK LUG XTRA-TRED 8					
	1600-25	16.00 x 25.00	28	TL	1,888
	2400-35	24.00 x 35.00	42	TL	7,186
	2400-43	24.00 x 43.00	42	TL	7,724
	1800-49	18.00 x 49.00	32	TL	3,827
	2400-49	24.00 x 49.00	42	TL	8,613
	2400-49	24.00 x 49.00	44	TL	8,613
	2700-49	27.00 x 49.00	42	TL	10,187
	3000-51	30.00 x 51.00	46	TL	12,503
E-7 EARTHMOVER ALL WEATHER					
	1800-25	18.00 x 25.00	40	TT	2,136
G-3 ROCK GRADER					
	1300-24	13.00 x 24.00	8	TL	391
	1300-24	13.00 x 24.00	12	TL	473
	1300-24	13.00 x 24.00	10	TL	430
	1400-24	14.00 x 24.00	10	TL	497
	1400-24	14.00 x 24.00	12	TL	544
	1600-24	16.00 x 24.00	12	TL	1,092
	1400-24	14.00 x 24.00	16	TL	718
	1600-24	16.00 x 24.00	16	TL	1,281
L-4 SUPER HARD ROCK LUG D&L XT / HRL DL 5A					
	3325-35	33.25 x 35.00	26	TL	9,342
	235-25	23.50 x 25.00	16	TL	2,610
	235-25	23.50 x 25.00	20	TL	2,740
	265-25	26.50 x 25.00	20	TL	4,734
	295-25	29.50 x 25.00	22	TL	5,783
	295-25	29.50 x 25.00	34	TL	6,708
	295-25	29.50 x 25.00	28	TL	6,227
	295-29	29.50 x 29.00	22	TL	6,059
	295-29	29.50 x 29.00	28	TL	6,525
	3325-35	33.25 x 35.00	32	TL	9,530
L-4 NYLOSTEEL XTRA TRED D&L B/B					
	35/65-33	35.65 x 33.00	30	TL	11,184
	40/65/39	40.65 x 39.00	30	TL	11,639
	45/65-45	45.65 x 45.00	38	TL	19,129
	50/65-51	50.65 x 51.00	54	TL	26,595
	3565-33	35.65 x 33.00	24	TL	7,826
	3565-33	35.65 x 33.00	30	TL	9,322
L-4S, 5S SMOOTH SUPER XT D&L					
	1800-25	18.00 x 25.00	24	TL	3,650
	1800-25	18.00 x 25.00	28	TL	3,833
	2100-25	21.00 x 25.00	24	TL	4,977
SURE GRIPLOADER SUPER SINGLE					
	1500-195	15.00 x 19.50	12	TL	723
LOADER SERVICE					
	57-12	5.70 x 12.00	4	TL	72

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: SPECIALTY/INDUSTRIAL TIRES					
MATERIAL HANDLING - XTRA TRACTION					
	18-7-8	x	12	TT	109
	21-8-9	x	14	TT	150
	750-10	7.50 x 10.00	12	TT	223
	700L-15	7.00 x 15.00	12	TT	289
	750-15	7.50 x 15.00	10	TT	283
	750-15	7.50 x 15.00	12	TT	307
	825-15	8.25 x 15.00	12	TT	315
SURE GRIP LUG SUPER SINGLE					
	10-165	10.00 x 16.50	6	TL	146
	12-165	12.00 x 16.50	6	TL	181
	12-165	12.00 x 16.50	10	TL	216
	12-165	12.00 x 16.50	8	TL	197
	14-175	14.00 x 17.50	6	TL	383
	14-175	14.00 x 17.50	10	TL	481
	14-175	14.00 x 17.50	8	TL	434
	15-195	15.00 x 19.50	8	TL	505
	15-195	15.00 x 19.50	12	TL	556
	*15-195	15.00 x 19.50	12	TL	818
SUPER TERRA GRIP					
	26-1200-12	x	2	TL	74
	23-850-12	x	2	TL	51
	23-1050-15	x	4	TL	69
	31-1550-15	x	4	TL	184
	23-850-12	x	4	TL	63
	29-1250-15	x	4	TL	138
	38-2000-161	x	8	TL	769
	26-1200-12	x	8	TL	125
	31-1550-15	x	8	TL	268
	29-1250-15	x	6	TL	158
	26-1200-12	x	4	TL	90
	23-1050-12	x	4	TL	79
	16-650-8	x	4	TL	47
	27-850-15	x	2	TL	59
	23-1050-12	x	2	TL	69
SURE GRIP LUG					
	23-850-12	x	4	TL	85
	27-1050-15	x	6	TL	101
	25-1250-15	x	6	TL	132
	27-850-15	x	6	TL	88
	27-850-15	x	4	TL	80
CUSHION-FLAT TREAD TYPE					
	812-4-4	x		TL	52
	9-5-5	x		TL	53
	10-312-6	x		TL	55
	10-5-612	x		TL	55

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: SPECIALTY/INDUSTRIAL TIRES					
CUSHION-FLAT TREAD TYPE					
	10-7-614	x		TL	79
	1012-6-612	x		TL	72
	12-312-8	x		TL	56
	12-412-8	x		TL	66
	15-3-1114	x		TL	57
	15-5-1114	x		TL	70
	15-7-1114	x		TL	97
	16-212-1334	x		TL	72
	16-4-1218	x		TL	69
	17-5-1218	x		TL	91
	17-7-1218	x		TL	121
	20-4-16	x		TL	80
	20-6-16	x		TL	102
	20-8-16	x		TL	144
	22-6-1734	x		TL	116
	22-8-1734	x		TL	156
	24-7-20	x		TL	155
	28-7-2312	x		TL	187
	28-7-22	x		TL	267
	24-5-20	x		TL	117
	22-7-1734	x		TL	129
	22-412-1734	x		TL	92
	20-7-16	x		TL	119
	20-5-16	x		TL	86
	18-5-14	x		TL	88
	17-6-1218	x		TL	105
	16-412-12	x		TL	76
	16-312-1218	x		TL	63
	15-8-1114	x		TL	130
	15-6-1114	x		TL	79
	15-312-1114	x		TL	61
	14-4-10	x		TL	68
	12-4-8	x		TL	59
	1012-7-612	x		TL	81
	1012-5-612	x		TL	64
	10-6-614	x		TL	67
	10-4-612	x		TL	52
	10-3-614	x		TL	52
	9-212-6	x		TL	43

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: MED.HVY COMMERCIAL - OFF ROAD					
E-1 HARD ROCK RIB					
	1400-25	14.00 x 25.00	20	TL	913
	1600-25	16.00 x 25.00	24	TL	1,589
	*1600-25	16.00 x 25.00	32	TL	1,752
	1800-25	18.00 x 25.00	24	TL	2,147
E-2 EARTHMOVER SURE GRIP					
	1400-20	14.00 x 20.00	12	TT	587
	1800-25	18.00 x 25.00	12	TL	1,742
	1800-25	18.00 x 25.00	16	TL	1,829
E-2 SURE GRIP LUG					
	205-25	20.50 x 25.00	16	TL	1,302
	205-25	20.50 x 25.00	20	TL	1,366
	206-25	20.60 x 25.00	20	TL	3,092
	235-25	23.50 x 25.00	16	TL	1,796
	235-25	23.50 x 25.00	20	TL	1,930
	265-25	26.50 x 25.00	24	TL	3,247
	265-25	26.50 x 25.00	26	TL	3,328
	295-25	29.50 x 25.00	22	TL	3,818
	295-29	29.50 x 29.00	28	TL	4,376
	295-29	29.50 x 29.00	34	TL	4,711
	295-35	29.50 x 35.00	28	TL	4,812
E-3 HARD ROCK LUG					
	1800-25	18.00 x 25.00	20	TL	2,089
	2100-35	21.00 x 35.00	28	TL	4,381
	375-51	37.50 x 51.00	44	TL	13,159
	1200-20	12.00 x 20.00	16	TT	644
	1200-20	12.00 x 20.00	20	TT	771
	1400-20	14.00 x 20.00	24	TT	1,046
	1600-21	16.00 x 21.00	20	TL	1,474
	1200-24	12.00 x 24.00	16	TT	740
	1400-24	14.00 x 24.00	20	TT	1,048
	1400-24	14.00 x 24.00	28	TT	1,348
	1400-24	14.00 x 24.00	24	TT	1,148
	1400-25	14.00 x 25.00	20	TL	1,033
	1600-25	16.00 x 25.00	20	TL	1,521
	1600-25	16.00 x 25.00	28	TL	1,679
	1600-25	16.00 x 25.00	24	TL	1,598
	1800-25	18.00 x 25.00	28	TL	2,354
	1800-25	18.00 x 25.00	32	TL	2,471
	2100-25	21.00 x 25.00	32	TL	3,691
	1800-33	18.00 x 33.00	28	TL	2,731
	1800-33	18.00 x 33.00	32	TL	2,866
	2100-35	21.00 x 35.00	32	TL	4,698
	2100-35	21.00 x 35.00	36	TL	4,933
	2400-35	24.00 x 35.00	30	TL	5,496
	2400-35	24.00 x 35.00	36	TL	5,920

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: MED.HVY COMMERCIAL - OFF ROAD					
E-3 HARD ROCK LUG 3P					
	2100-25	21.00 x 25.00	24	TL	2,250
	375-33	37.50 x 33.00	36	TL	8,836
	375-33	37.50 x 33.00	42	TL	9,517
	3325-35	33.25 x 35.00	32	TL	7,122
	3325-35	33.25 x 35.00	38	TL	7,670
	3725-35	37.25 x 35.00	30	TL	8,449
	3725-35	37.25 x 35.00	36	TL	9,099
	375-39	37.50 x 39.00	44	TL	10,400
E-3 HARD ROCK LUG 8					
	2400-49	24.00 x 49.00	36	TL	6,956
	2400-49	24.00 x 49.00	42	TL	7,641
	2400-49	24.00 x 49.00	48	TL	8,230
E-3 SUPER HARD ROCK LUG					
	235-25	23.50 x 25.00	24	TL	2,245
	265-25	26.50 x 25.00	24	TL	3,657
	295-29	29.50 x 29.00	22	TL	4,577
	3325-29	33.25 x 29.00	32	TL	6,321
	3350-33	33.50 x 33.00	38	TL	9,011
	3325-35	33.25 x 35.00	32	TL	7,332
	3325-35	33.25 x 35.00	38	TL	7,374
	375-39	37.50 x 39.00	36	TL	9,947
	375-39	37.50 x 39.00	44	TL	5,477
	205-25	20.50 x 25.00	12	TL	1,424
	205-25	20.50 x 25.00	20	TL	1,571
	205-25	20.50 x 25.00	16	TL	1,497
	235-25	23.50 x 25.00	16	TL	2,111
	235-25	23.50 x 25.00	20	TL	2,215
	265-25	26.50 x 25.00	20	TL	3,555
	265-25	26.50 x 25.00	26	TL	3,826
	295-25	29.50 x 25.00	22	TL	4,388
	295-25	29.50 x 25.00	28	TL	4,724
	295-29	29.50 x 29.00	28	TL	5,031
	295-29	29.50 x 29.00	34	TL	5,416
E-3 SUPER HARD ROCK LUG 8					
	295-29	29.50 x 29.00	26	TL	4,929
	3325-29	33.25 x 29.00	26	TL	5,727
	335-33	33.50 x 33.00	32	TL	6,753
	335-33	33.50 x 33.00	38	TL	7,270
	295-35	29.50 x 35.00	28	TL	5,533
	295-35	29.50 x 35.00	34	TL	5,957
	3325-35	33.25 x 35.00	32	TL	6,947
	3725-35	37.25 x 35.00	30	TL	8,240
	375-35	37.50 x 35.00	36	TL	8,877
	375-39	37.50 x 39.00	44	TL	10,148
	375-39	37.50 x 39.00	60	TL	12,362

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: MED.HVY COMMERCIAL - OFF ROAD					
E-3 SUPER HARD ROCK LUG 8					
	375-39	37.50 x 39.00	52	TL	11,199
	375-51	37.50 x 51.00	44	TL	11,530
E-7 SAND RIB					
	1600-20	16.00 x 20.00	20	TT	1,038
	1800-25	18.00 x 25.00	16	TL	1,512
	1800-25	18.00 x 25.00	25	TL	1,442
	2100-25	21.00 x 25.00	16	TL	2,274
G-1 GRADER RIB					
	1300-24	13.00 x 24.00	12	TL	582
	1400-24	14.00 x 24.00	12	TL	670
	1600-24	16.00 x 24.00	12	TL	1,213
G-3 ROCK GRADER					
	1300-24	13.00 x 24.00	8	TL	391
	1300-24	13.00 x 24.00	12	TL	473
	1300-24	13.00 x 24.00	10	TL	430
	1400-24	14.00 x 24.00	10	TL	497
	1400-24	14.00 x 24.00	12	TL	544
	1600-24	16.00 x 24.00	12	TL	1,092
	1400-24	14.00 x 24.00	16	TL	718
	1600-24	16.00 x 24.00	16	TL	1,281
L-2 SURE GRIP LUG XTRA TRED DOZER & LOADER					
	235-25	23.50 x 25.00	12	TL	1,882
	235-25	23.50 x 25.00	20	TL	2,073
	235-25	23.50 x 25.00	16	TL	1,976
	265-25	26.50 x 25.00	14	TL	3,324
	265-25	26.50 x 25.00	20	TL	3,579
L-3 SUPER HARD ROCK LUG D&L					
	235-25	23.50 x 25.00	12	TL	2,165
	235-25	23.50 x 25.00	20	TL	2,383
	235-25	23.50 x 25.00	24	TL	2,502
	235-25	23.50 x 25.00	16	TL	2,268
	265-25	26.50 x 25.00	14	TL	3,823
	265-25	26.50 x 25.00	20	TL	4,118
	295-25	29.50 x 25.00	16	TL	4,672
	295-25	29.50 x 25.00	28	TL	5,415
	295-29	29.50 x 29.00	22	TL	5,029
L-4 SUPER HARD ROCK LUG D&L XT / HRL DL 5A					
	3325-35	33.25 x 35.00	26	TL	9,342
	235-25	23.50 x 25.00	16	TL	2,610
	235-25	23.50 x 25.00	20	TL	2,740
	265-25	26.50 x 25.00	20	TL	4,734
	295-25	29.50 x 25.00	22	TL	5,783
	295-25	29.50 x 25.00	34	TL	6,708
	295-25	29.50 x 25.00	28	TL	6,227
	295-29	29.50 x 29.00	22	TL	6,059

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: MED.HVY COMMERCIAL - OFF ROAD					
L-4 SUPER HARD ROCK LUG D&L XT / HRL DL 5A					
	295-29	29.50 x 29.00	28	TL	6,525
	3325-35	33.25 x 35.00	32	TL	9,530
L-4 NYLOSTEEL XTRA TRED D&L B/B					
	35/65-33	35.65 x 33.00	30	TL	11,184
	40/65/39	40.65 x 39.00	30	TL	11,639
	45/65-45	45.65 x 45.00	38	TL	19,129
	50/65-51	50.65 x 51.00	54	TL	26,595
	3565-33	35.65 x 33.00	24	TL	7,826
	3565-33	35.65 x 33.00	30	TL	9,322
L-5 SUPER XTRA TRED D&L					
	265-25	26.50 x 25.00	20	TL	5,915
	295-25	29.50 x 25.00	22	TL	7,007
	295-29	29.50 x 29.00	22	TL	7,342
	295-29	29.50 x 29.00	28	TL	7,907
	3325-35	33.25 x 35.00	32	TL	11,437
	3725-35	37.25 x 35.00	42	TL	14,947
	375-39	37.50 x 39.00	36	TL	14,991
	375-39	37.50 x 39.00	44	TL	16,548
L-5 NYLOSTEEL SUPER XTRA TRED D&L B/B					
	3565-33	35.65 x 33.00	30	TL	11,184
	40/65-39	40.65 x 39.00	30	TL	14,248
	4565-45	45.65 x 45.00	38	TL	19,129
	5065-51	50.65 x 51.00	54	TL	26,595
HIGHLANDER					
	570-8	5.70 x 8.00	6	TL	49
HIGHLANDER CT					
	570-8	5.70 x 8.00	4	TL	47
	570-8	5.70 x 8.00	8	TT	65
	570-8	5.70 x 8.00	6	TL	52
	690-9	6.90 x 9.00	6	TL	89
	690-9	6.90 x 9.00	10	TT	129
	480-12	4.80 x 12.00	4	TL	45
	480-12	4.80 x 12.00	6	TL	52
	530-12	5.30 x 12.00	4	TL	54
	530-12	5.30 x 12.00	6	TL	61
E-4 HARD ROCK LUG 4B					
	1600-25	16.00 x 25.00	24	TL	1,836
	1600-25	16.00 x 25.00	28	TL	1,930
	1800-25	18.00 x 25.00	28	TL	2,705
	1800-25	18.00 x 25.00	32	TL	2,840
	1800-33	18.00 x 33.00	28	TL	3,137
	1800-33	18.00 x 33.00	32	TL	3,296
	2100-35	21.00 x 35.00	36	TL	5,674
	2400-35	24.00 x 35.00	30	TL	6,321
	2400-35	24.00 x 35.00	36	TL	6,808

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: MED.HVY COMMERCIAL - OFF ROAD					
E-4 HARD ROCK LUG 4B					
	2400-35	24.00 x 35.00	42	TL	7,332
	2400-43	24.00 x 43.00	48	TL	8,485
	1800-49	18.00 x 49.00	32	TL	3,905
	2100-49	21.00 x 49.00	36	TL	6,926
	2400-49	24.00 x 49.00	42	TL	8,788
	2400-49	24.00 x 49.00	48	TL	9,464
	2700-49	27.00 x 49.00	42	TL	10,392
	2700-49	27.00 x 49.00	48	TL	11,191
	3000-51	30.00 x 51.00	46	TL	12,755
	3300-51	33.00 x 51.00	58	TL	17,897
	3600-51	36.00 x 51.00	50	TL	19,790
	3600-51	36.00 x 51.00	58	TL	21,845
	4000-57	40.00 x 57.00	68	TL	19,188
L-2 SURE GRIP LOADER					
	155-25	15.50 x 25.00	8	TL	550
	155-25	15.50 x 25.00	12	TL	605
	175-25	17.50 x 25.00	12	TL	745
	175-25	17.50 x 25.00	20	TL	903
	175-25	17.50 x 25.00	16	TL	819
	205-25	20.50 x 25.00	12	TL	1,241
	205-25	20.50 x 25.00	16	TL	1,302
	22-25	22.00 x 25.00	12	TL	1,364
L-3 SUPER HARD ROCK LOADER					
	155-25	15.50 x 25.00	12	TL	626
	175-25	17.50 x 25.00	12	TL	786
	175-25	17.50 x 25.00	16	TL	864
	205-25	20.50 x 25.00	12	TL	1,424
	205-25	20.50 x 25.00	20	TL	1,571
	205-25	20.50 x 25.00	16	TL	1,497
L-3 SUPER HARD ROCK LUG 8 DOZER & LOADER					
	335-33	33.50 x 33.00	44	TL	8,834
L-3 HARD ROCK LUG 3F DOZER/LOADER					
	3325-35	33.25 x 35.00	50	TL	8,863
L-5S SUPER SMOOTH XTRA TRED DOZER & LOADER					
	2100-25	21.00 x 25.00	32	TL	5,570
	265-25	26.50 x 25.00	26	TL	6,753
	295-25	29.50 x 25.00	28	TL	8,250
L-5 HARD ROCK LUG 5C					
	295-29	29.50 x 29.00	22	TL	7,907
	295-29	29.50 x 29.00	22	TL	7,342
G-2 GRADER SURE GRIP					
	825-20	8.25 x 20.00	6	TT	229
	1300-20	13.00 x 20.00	10	TT	435
	1200-24	12.00 x 24.00	8	TL	272
	1300-24	13.00 x 24.00	8	TL	401

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

TIRE DESCRIPTION AND TIRE COST (Continued)

TIRE TYPE	DESCRIPTION	SIZE	PLY	TUBE ⁽¹⁾	COST (\$) PER EACH
TIRE GROUP: MED.HVY COMMERCIAL - OFF ROAD					
G-2 GRADER SURE GRIP					
	1300-24	13.00 x 24.00	12	TL	486
	1300-24	13.00 x 24.00	12	TT	516
	1300-24	13.00 x 24.00	12	TL	535
	1300-24	13.00 x 24.00	10	TL	443
	1300-24	13.00 x 24.00	10	TT	471
	1300-24 SM	13.00 x 24.00	10	TL	424
	1400-24	14.00 x 24.00	10	TL	537
	1400-24	14.00 x 24.00	16	TL	676
	1400-24	14.00 x 24.00	12	TT	580
	1400-24	14.00 x 24.00	12	TL	559
	1400-24	14.00 x 24.00	10	TT	534
	1600-24	16.00 x 24.00	12	TL	1,118
	1600-24	16.00 x 24.00	16	TL	1,174
TIRE GROUP: BELTS					
BELTS FOR LOADERS					
		x			
		24.00 x 50.00	2		1,103
		30.00 x 50.00	2		1,313
		36.00 x 50.00	2		1,616
		42.00 x 50.00	2		1,842
		48.00 x 50.00	2		2,068
		48.00 x 50.00	3		9,873
		60.00 x 50.00	4		14,219
		48.00 x 60.00	3		10,085
		60.00 x 60.00	4		16,936
TIRE GROUP: PERMAFOAM					
TRUCK OFF HIGHWAY SERVICE					
	15-225	15.00 x 22.50		FOAM	1,164
	165-225	16.50 x 22.50		FOAM	1,301
	18-225	18.00 x 22.50		FOAM	1,556

⁽¹⁾ TT = Tube-Type Tires, TL = Tubeless Tires

APPENDIX G

TIRE LIFE AND TIRE WEAR FACTORS

G-1. The tire wear factors used in this pamphlet are listed in APPENDIX D. Using the methods and tables in "Production and Cost Estimating of Material Movement with Earthmoving Equipment", by Terex Division of General Motors (dated September 1975), the "useful life" of a new tire is the product of factors from Group A through Group G multiplied by the appropriate maximum tire life from TABLE G-1. A sample computation of the tire wear factors for off-highway haul units is given below.

<u>No.</u>	<u>Condition</u>	<u>Factor</u>	
		<u>Average</u>	<u>Severe</u>
A	Maintenance	1.00	1.00
B	Speeds	0.80	0.85
C	Curves	1.00	0.90
D	Surface Condition	0.90	0.70
E	Loads	0.90	0.80
		0.65	0.43
F	Wheel Positions		
	Trailing (T-Tire)	1.00	1.00
	Front (F-Tire)	0.90	0.90
	Driver (D-Tire)		
	(Rear Dump)	0.70	0.70
	(Bottom Dump)	0.70	0.70
	(Self-Propelled Scrapers)	0.60	0.60
G	Grades		
	(Drive Tire Only)	0.85	0.75
<hr/>			
<u>FINAL TIRE WEAR FACTORS</u>			
	Trailing (T-Tire)	0.65	0.43
	Front (F-Tire)	0.58	0.39
	Driver (D-Tire)		
	(Rear Dump)	0.39	0.22
	(Bottom Dump)	0.39	0.22
	(Self-Propelled Scrapers)	0.33	0.19

Figure G-1. Rear and Bottom Wagons (Off-Highway), Scrapers

TIRE LIFE AND TIRE WEAR FACTORS (Continued)

TABLE G-1. Maximum Tire Life.

Bias Ply Tires:

Off-highway E4, L4, & L5	7,000 Hours
All other bias ply tires	5,000 Hours

Radial Ply Tires:

Off-highway RL4	8,300 Hours
All other radial ply tires	6,000 Hours

APPENDIX H

MARINE EQUIPMENT

1. General. Hourly use rates for ownership and operating costs have not been developed for marine equipment since this type of equipment is normally custom designed and built. This appendix, however, presents the methodology for determining the ownership expense expressed as a percent of equipment value, which is defined as the actual acquisition cost plus any capital improvements. The annual ownership percentages and operating cost factors are shown in TABLE H-1 for various types of equipment. When a type of equipment is not listed, ownership expense may be determined by using the percentage listed for a similar type with the same expected life. Equipment permanently attached to floating plant shall be considered marine equipment. This pamphlet does not provide information required to calculate hopper dredge rates.

2. Ownership Cost. Ownership cost is based on the equipment value and equals the cost of depreciation plus facilities capital. When cost or pricing data is available, the actual acquisition price shall be used. Otherwise, the value of a similar piece of equipment may be used and, if necessary, adjusted so that capacity, size, and horsepower are properly considered.

a. Depreciation. Depreciation was computed using the straight-line method. The annual rate is determined by dividing the depreciable value by the expected normal life of the equipment in years. When the actual age of a piece of equipment exceeds the normal life, one year shall be added to the actual age and the depreciation shall be recomputed. The depreciable value is the acquisition cost, plus any capital improvements, less estimated salvage. Costs for dry-docking, which occur periodically, are considered part of the operating costs and will be allocated on an equal annual basis over the years between such occurrences, in accordance with FAR 31.205-24.

b. Cost of Facilities Capital. The cost of facilities capital (CFC) is computed as shown in paragraph 2-2c(2), except that CFC is determined on an annual basis instead of an hourly basis and is expressed here as an annual percentage factor.

$$\text{CFC} = \frac{[(N-1)(1+S)+2](6.70\%)}{2N}$$

where: N = Number of years in depreciation period

S = Salvage value factor

% = Discounted cost of money in effect at the time the work was performed or current rate (6.70%)

c. The salvage value factor is expressed as a decimal and is shown in TABLE H-1 for different items of equipment.

d. Taxes, storage (lay-up), and insurance are considered indirect (overhead) costs (see paragraph 2-2c(3)). These are not included in ownership rates since they vary by geographic areas and with individual contractors. These costs should not be duplicated in the estimate or submitted proposal.

e. The expected life shown in TABLE H-1 for shore pipeline and floating pipeline is based on average dredging conditions. When more severe conditions are encountered, such as dredging of very abrasive sand or rock, the expected life should be decreased. Similarly, when better than average conditions are encountered, such as dredging mud or silt, the expected life should be increased. In either case, the adjustment should be made only for the time required to dredge the exceptional material. When the dredged material is a combination of various types, a weighted average should be estimated and the expected life adjusted accordingly. The repair of pipelines during the economic life is considered a party of operating costs.

3. Annual Use. Marine equipment is normally operated on a multi-shift basis. This is the preferred practice. However, if an hourly or daily basis is used, monthly cost should be divided by the actual number of hours or days the contractor is working. If the actual time cannot be determined, the monthly cost should be divided by 500 hours (20 hours per day and 25 days per month). In determining ownership expense for mechanical dredges, pipeline dredges, booster pumps, and attendant dredge plant, the average use per year for Region XI shall be 8 months. For all other marine equipment (except hopper dredges) use months shall be 10 months per year.

4. Operating Cost Factors. Marine equipment operating expense factors are shown in TABLE H-1. The use of these factors together with ownership expense allowances will provide the user with information to help generate a rate for a piece of marine equipment. The hourly operating expense factors provided herein are estimated; it is intended that these factors be used only if the estimator does not have factual data available.

a. Fuel consumption factors are prepared on the same basis as paragraph 2-2d(2). Prime power refers to the primary operating engine for the dredge, tug, or other piece of marine equipment. Secondary power refers to all other secondary engines or power plants. However, if more than one of these engines is present, the horsepower should be totaled. Fuel Factors are given for each piece of equipment; however, engines may not be present on many barges and scows.

b. Water, lube, and supplies (WLS) is similar to the FOG factor described in paragraph 2-2d(3). This item is computed as either a percentage of the hourly fuel costs or, if the marine equipment has no engine, a reasonable hourly cost should be included. This factor includes an allowance for the oiler normally assigned to the dredge or other piece of marine equipment.

c. Repairs (RPR) includes an allowance for all major and minor repairs and is similar to the maintenance and repair cost factor described in paragraph 2-2d(4). Also required to develop this cost are the economic adjustment factor (EAF) and the labor adjustment factor (LAF). It should also be noted that the repair allowance does not include the following items:

(1) Dredge wear for such items as cutter teeth and main suction pumps are not included due to the wide variety of materials being dredged.

(2) Dry-docking costs are not included because they vary greatly depending on the facilities available.

d. In addition to the dredge wear and dry-docking items which are not included in the operating factors, there is also no allowance for mobilization, demobilization, or yard costs. These items must all be considered separately by the estimator.

5. Standby. The standby rate is computed by allowing the full CFC monthly rate plus one-half of the monthly depreciation. In addition to the standby ownership rate, it may be necessary on dredges to include a small amount of operating costs to account for the operation of a diesel engine generator for power to operate pumps, navigation lights, etc. Standby will not be allowed during periods when the equipment would have otherwise been in idle status.

6. Example. The following example shown in Figure H-1 will provide guidance to illustrate the use of TABLE H-1 and the regional data to generate a rate. Ownership is determined using the annual percentages to account for CFC and depreciation. Operating costs are determined by utilizing formulas from Chapter 2 for FUEL, FOG (WLS), and REPAIRS. Assume a 24" hydraulic dredge was purchased new in 1985 for \$3,700,000 including tax and delivery.

TABLE H-1. ANNUAL EXPENSE FACTORS AND HOURLY OPERATING FACTORS FOR MARINE EQUIPMENT

TYPE OF EQUIPMENT	LIFE (YRS)	SALVAGE VALUE FACTOR	PERCENT ANNUAL OWNERSHIP EXPENSE			HOURLY OPERATING EXPENSE FACTORS									
			DEPREC-	CFC	ANNUAL EXPENSE	PRIME POWER	G	D	SECONDARY POWER	G	D	WLS	G	D	RPR
			IATION			HP			HP			G	D		
Hydraulic Dredge, including hydraulic dredges used as															
Booster Pump (on land):															
10-inch thru 14-inch	20	0.05	4.75	3.68	8.43	80	0.000	0.044	70	0.000	0.039	0	33	80	
16-inch thru 22-inch	25	0.10	3.60	3.81	7.41	80	0.000	0.044	70	0.000	0.039	0	33	90	
24-inch and over	30	0.10	3.00	3.79	6.79	80	0.000	0.044	70	0.000	0.039	0	33	100	
Dredge: Pipeline/Booster Pump (on water)															
10-inch thru 14-inch	20	0.05	4.75	3.68	8.43	80	0.000	0.044	70	0.000	0.039	0	33	90	
16-inch thru 22-inch	25	0.10	3.60	3.81	7.41	80	0.000	0.044	70	0.000	0.039	0	33	110	
24-inch and over	30	0.10	3.00	3.79	6.79	80	0.000	0.044	70	0.000	0.039	0	33	120	
Dredge: Clamshell/ Dragline (Bucket)	20	0.05	4.75	3.68	8.43	65	0.000	0.036	65	0.000	0.036	0	33	120	
Dredge, Dipper/Hyd Excav	25	0.05	3.80	3.64	7.44	75	0.000	0.042	75	0.000	0.042	0	33	130	
Bucket Dredge	30	0.10	3.00	3.79	6.79	80	0.000	0.044	70	0.000	0.039	0	33	110	
Dump Scow	20	0.05	4.75	3.68	8.43	80	0.000	0.044	70	0.000	0.039	0	33	80	
Barges:															
Fuel	20	0.05	4.75	3.68	8.43	20	0.000	0.011	20	0.000	0.011	0	33	60	
Water	20	0.05	4.75	3.68	8.43	20	0.000	0.011	20	0.000	0.011	0	33	60	
Equipment Or Work	20	0.05	4.75	3.68	8.43	20	0.000	0.011	20	0.000	0.011	0	33	60	
Derrick	20	0.10	4.50	3.84	8.34	20	0.000	0.011	20	0.000	0.011	0	33	70	
Anchor	20	0.05	4.75	3.68	8.43	20	0.000	0.011	20	0.000	0.011	0	33	60	
Drill Boat Or Barge	20	0.10	4.50	3.84	8.34	20	0.000	0.011	20	0.000	0.011	0	33	70	
Mooring Barge	20	0.05	4.75	3.68	8.43	20	0.000	0.011	20	0.000	0.011	0	33	60	
Tugs & Tenders	20	0.10	4.50	3.84	8.34	80	0.083	0.044	70	0.072	0.039	30	36	90	
Launches & Skiffs	12	0.05	7.92	3.78	11.70	60	0.062	0.033	50	0.052	0.028	30	36	80	
Crewboat & Workboat	10	0.05	9.50	3.84	13.34	60	0.062	0.033	50	0.052	0.028	30	36	80	
Shore Pipeline (Average)	3	0.00	33.33	4.47	37.80	0	0.000	0.000	0	0.000	0.000	0	0	50	
Floating Line:															
Pontoon	10	0.00	10.00	3.69	13.69	0	0.000	0.000	0	0.000	0.000	0	0	60	
Pipeline/Joints (Avg)	5	0.00	20.00	4.02	24.02	0	0.000	0.000	0	0.000	0.000	0	0	60	

MARINE EQUIPMENT EXAMPLE

1. PERTINENT DATA

a. Equipment Description.....>	24" Hydraulic Cutter Suction Dredge
b. Model & Series.....>	Ellicott Series 4900 Super Dragon
c. Present Year.....>	1991
(1) Economic Index.(APP.E).....>	4438
d. Year Manufactured.....>	1985
(1) Economic Index.(APP.E).....>	3749
e. Equipment Cost	
(1) Acquisition Price.....>	\$3,700,000
(2) Capital Improvements.....>	
f. Prime Engine Horsepower.....>	3,730 h.p.
g. Secondary Engine(s) Horsepower.	
(1) Electrical Generators	- 200 h.p.
(2) Hydraulic System	- 1325 h.p.
(3) Cutter Head Drive	- 750 h.p.
(4) Hydraulic Water Jet	- 200 h.p.
	=====
	Total Secondary H.P. 2,475 h.p.
h. Fuel Type.....>	Diesel
(1) Cost/Gal.(APP.B).....>	\$1.14 /gal

2. TABLE H-1 DATA:

a. Life (yrs).....>	30 yrs
(1) Annual Use-Months..(para 3)...>	8 mos
(2) Monthly Usage (estimated hrs).>	500 hrs
b. Salvage Value Factor.....>	0.10
c. Prime Engine Fuel Factor.....>	0.044
d. Secondary Engine Fuel Factor.....>	0.039
e. WLS Factor.(Water,Lube & Supplies).>	0.33

Figure H-1

2. TABLE H-1 DATA: (Cont'd)

f. LAF (Labor Adjustment Factor APP B)>	0.76
g. Repair Cost Factor.....>	1.20
h. Annual Ownership Expense Percent:	
(1) Depreciation Percent.....>	3.00%
(2) CFC Percent.....>	3.79%
Total Hourly Ownership Percent..(3.00% + 3.79%) =	6.79%

3. OWNERSHIP COSTS

a. Equipment Cost = (Acquisition Price + Capital Improvements)

$$(\$3700000 + \$0) = \$3,700,000$$

b. Annual Ownership Cost = (Equipment Cost x Annual Ownership Percent)

(1) Annual Ownership Expense: $(\$3700000 \times 6.79\%)$ =	\$251,230
(2) Monthly Ownership Expense: $(\$251230 / 8 \text{ mo.})$ =	\$31,404
(3) Hourly Ownership Expense: $(\$31404 / 500 \text{ hrs.})$ =	\$62.81

c. Standby Allowance:

$$= [(.50 \times \text{Depr. \%}) + \text{CFC}] \times \text{Equipment Cost} + \text{Generator Allowance}$$

* NOTE: (If Applicable) -Generator Allowance (see Appendix H para 5)
= $(\text{Generator H.P.} / \text{Total Secondary H.P.}) \times \text{Secondary Fuel Cost}$

(1) Annual Standby Expense: $[(.50 \times 3.00\%) + 3.79\%] \times \3700000 =	\$195,730
(2) Monthly Standby Expense: $(\$195730 / 8 \text{ mo.})$ =	\$24,466
(3) Hourly Standby Expense: $(\$24466 / 500 \text{ hrs.})$ =	\$48.93
* (If Applicable) Generator Allowance: $(200 \text{ h.p.} / 2475 \text{ h.p.}) \times \110.04 = +	
Total Hourly Standby Allowance = \$57.82	

Figure H-1

4. ESTIMATED HOURLY OPERATING COST:

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

(1) Prime Engine Fuel:
 $(0.044 \times 3730 \text{ h.p.} \times \$1.14/\text{gal}) = \$187.10 /hr$

(2) Secondary Engine Fuel:
 $(0.039 \times 2475 \text{ h.p.} \times \$1.14/\text{gal}) = \$110.04 /hr$

b. WLS Cost = (WLS factor x Hourly Fuel Cost)

(1) Prime Engine WLS: $(0.33 \times \$187.10/\text{hr}) = \$61.74 /hr$

(2) Second Engine WLS: $(0.33 \times \$110.04/\text{hr}) = \$36.31 /hr$

c. Repair Cost = (Equip. Cost x Repair Cost Factor x EAF x LAF)/Life (hrs)

(1) EAF = (Econ Index Present Yr / Econ Index Yr of Mfg).

$(4438 \text{ Pres. Yr} / 3749 \text{ Yr of Mfg}) = 1.184$

(2) Life (hrs) = $(30\text{yrs} \times 8\text{mo} \times 500\text{hrs}) = 120,000 \text{ hrs}$

(3) Repair Cost:
 $(\$3700000 \times 1.20 \times 1.184 \times 0.76) / 120000 \text{ hrs} = \$33.29 /hr$

d. Subtotal Operating Cost = (Fuel + WLS + Repairs)

$(\$187.10 + \$110.04 + \$61.74 + \$36.31 + \$33.29) = \$428.48 /hr$

5. Subtotal Hourly Ownership & Operating Cost.

$(\$62.81 /hr + \$428.48 /hr) = \$491.29 /hr$

6. Subtotal Monthly Rate = (Hourly Total x Use Hours/Month)

$(\$491.29 /hr \times 500 \text{ hrs}) = \$245,645 /mo$

7. Additive Item(s) (monthly cost to be estimated)

(1) Dredge Wear (Mud, Sand or Gravel).....> \$24,000 /mo
(2) Dry Docking.....> \$15,000 /mo
(3) Yard cost.....> \$12,000 /mo
(4)> /mo
(5)> /mo

Subtotal Estimated Additive Items \$51,000 /mo

8. Total Monthly Rate..... \$296,645 /mo

Figure H-1

APPENDIX I
MANUFACTURER CODES

CODE	MANUFACTURER	CODE	MANUFACTURER
AC	ACE ENTERPRISES	GO	GOMACO
AD	ACKER DRILL	GR	GORMAN-RUPP
AE	AEROIL PRODUCTS	GV	GROVE
AI	AMIDA	HA	HAZCO
AK	AKERMAN	HD	HYDRAULIC POWER SYSTEMS
AL	ALLENTOWN	HE	HENDRIX
AM	AMERICAN CRANE	HI	HITACHI
AN	ATLANTIC	HO	HOMELITE
AO	ALKOTA	HY	HYSTER
AP	AMERICAN PECCO	IC	INTERNATIONAL CONST. EQUIP. (I.C.E.)
AR	AMERICAN ROAD MACHINERY	ID	INTERNATIONAL/DRESSER
BA	BADGER	IG	INGRAM
BD	BRODERSON	IN	INGERSOLL-RAND
BE	BEEBE	IS	INSLEY
BG	BARBER-GREENE	IT	INTERNATIONAL/NAVISTAR
BI	BOR-IT	JD	JOHN DEERE
BK	BLAW-KNOX	KA	KAWASAKI
BL	BLASTRAC	KE	KENWORTH
BO	BOMAG	KH	KOHLER
BS	BALDERSON	KI	KLEIN
BU	BUSH HOG	KL	KOLMAN
CA	CATERPILLAR	KM	KOMATSU
CE	CATERPILLAR-ATHNEY	KN	KENT
CG	CHEMGROUT	KO	KOEHRING
CH	CHAMPION	LA	LAYTON
CI	CHIPMORE	LB	LINK BELT
CM	CLEMCO	LI	LINK BELT (FMC)
CR	CAMLEVER	LO	LORAIN
CS	CASE	LY	LONGYEAR
CT	CLEVELAND TRENCHER	MA	MANITOWOC
DA	DARDA	MB	M-B
DJ	DJB/CATERPILLAR	MC	MICHIGAN / VME
DW	DITCH WITCH	MD	MDI/YUTANI
DY	DYNAPAC	ME	MELROE / BOBCAT
ES	ESCO	MF	MASSEY FERGUSON
ET	ETNYRE, E.D.	MI	MITSUBISHI
EU	EUCLID/VME	MK	MKT GEOTECHNICAL
EX	EXCEL	ML	MARLOW
FE	PELKER/DRESSER	MO	MORGEN
FI	FIATALLIS	MR	MOBILE DRILL
FN	FORD/NEW HOLLAND	MS	MASTER
FO	FORD	MT	MACK TRUCKS
FR	FERGUSON	MU	MULTIQUIP
FU	FURUKAWA	NO	NORTHWEST
GA	GRADALL	ON	ONAN
GB	GAR-BRO	PE	PETERBILT
GD	GARDNER DENVER	PH	P & H/HARNISCHFEGER
GI	GALION/DRESSER	RE	REACH ALL
GL	GARLOCK	RM	ROME
GM	GMC AND CHEVROLET	RN	RANGER / VME

MANUFACTURER CODES (Continued)

CODE	MANUFACTURER	CODE	MANUFACTURER
RO	ROBBINS		
RS	ROSCO		
SA	SAUERMAN		
SC	SCHWING AMERICA		
SE	SEALMASTER		
SK	SKAGIT		
SO	SOUTHWEST		
SP	SPRAGUE AND HENWOOD		
ST	STOW		
SU	SULLIVAN		
TA	TAMPO		
TD	TADANO		
TE	TEREX		
TO	TORO		
TR	TROJAN/O & K		
UN	UNIT RIG		
VE	VERMEER		
VO	VOLVO/VME		
VU	VULCAN		
WA	WABCO/DRESSER		
WC	WACKER		
WE	WEATHERFORD/AMERICAN AERO		
XX	NO SPECIFIC MANUFACTURER		

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:

(a) Crane, Crawler-Mounted

- (1) Power load lowering
- (2) Independent swing and travel
- (3) Third drum
- (4) Torque converter (machines 25 ton or larger)
- (5) One-half maximum boom length (machines 60 ton or smaller)
- (6) Maximum boom length (machines larger than 60 ton)
- (7) Counterweight

(b) Draqline and Clamshell, Crawler-Mounted

- (1) Power load lowering
- (2) Independent swing and travel
- (3) Third drum
- (4) Torque converter (machines 1-1/2 CY or larger)
- (5) Approximately one-half maximum boom length
- (6) Counterweight

(c) Backhoe and Shovel, Crawler-Mounted

- (1) Power load lowering
- (2) Torque converter (Machines 1-1/2 CY or larger)
- (3) Counterweight

(d) Truck Crane Less than 25 Ton

- (1) Power load lowering
- (2) Third drum
- (3) Mechanical outriggers with screw jacks
- (4) Power steering
- (5) Maximum boom length
- (6) Counterweight

EQUIPMENT ACCESSORIES (Continued)

(e) Truck Crane 25 Ton and Larger

- (1) Power load lowering
- (2) Third drum
- (3) Hydraulic outriggers with screw jacks
- (4) Torque converter when available (upper only)
- (5) Power steering
- (6) Diesel engines
- (7) Maximum boom length
- (8) Counterweight

(f) Excavators, Hydraulic

- (1) Backhoe bucket (standard)
- (2) Backhoe stick (medium length)
- (3) Backhoe boom (one piece)
- (4) Backhoe bucket linkage (includes cylinder)
- (5) Guards
- (6) Counterweight
- (7) Alternator (heavy-duty) and lights
- (8) Tool kit

(g) Grader

- (1) Enclosed operator cab
- (2) Scarifier
- (3) Front wheel lean
- (4) Power circle
- (5) Hydraulic shift and tilt moldboard
- (6) End bits
- (7) Alternator (heavy-duty) and lights
- (8) Tool kit

(h) Belt Loader

- (1) Power unit
- (2) Head pulley clutch and backstop
- (3) Belt cleaner and belt installing equipment
- (4) King pin attachment

(i) Loader 1-1/2 CY and Larger

- (1) Reversible fan blade
- (2) Guard, power train
- (3) Automatic bucket positioner
- (4) Counterweight
- (5) Rock buckets (machines 4 CY or larger)
- (6) Alternator (heavy-duty) and lights
- (7) Tool kit

EQUIPMENT ACCESSORIES (Continued)

(j) Scraper

- (1) Control single lever
- (2) Reversible fan blade
- (3) Flood light
- (4) Alternator (heavy-duty) and lights
- (5) Guards, power train
- (6) Tool kit

(k) Tractor, Crawler

- (1) Hydraulic controls for ripper and blade
- (2) Guards
- (3) Reversible fan blade
- (4) Alternator (heavy-duty) and lights
- (5) Hook, front pull
- (6) Track Grousers (severe service for units over 200 hp)
- (7) Blades include counterweights where required
- (8) Tool kit

(l) Tractor, Wheel Dozer

- (1) Hydraulic controls for ripper and blade
- (2) Guards
- (3) Reversible fan blade
- (4) Alternator (heavy-duty) and lights
- (5) Blade
- (6) Counterweight
- (7) Tool kit

(m) Trucks, Off-Highway

- (1) No-spin differential
- (2) Tacograph
- (3) Engine and transmission guards
- (4) Body liners
- (5) Tool kit

APPENDIX K

FEDERAL COST OF MONEY RATE

(Renegotiation or Prompt Payment Rate)

JULY - DECEMBER 1976.....	8 1/2 %	(8.500)
JANUARY - JUNE 1977.....	7 3/4 %	(7.750)
JULY - DECEMBER 1977.....	7 7/8 %	(7.875)
JANUARY - JUNE 1978.....	8 1/4 %	(8.250)
JULY - DECEMBER 1978.....	9 %	(9.000)
JANUARY - JUNE 1979.....	9 7/8 %	(9.875)
JULY - DECEMBER 1979.....	10 1/4 %	(10.250)
JANUARY - JUNE 1980.....	12 1/4 %	(12.250)
JULY - DECEMBER 1980.....	10 1/2 %	(10.500)
JANUARY - JUNE 1981.....	14 5/8 %	(14.675)
JULY - DECEMBER 1981.....	14 7/8 %	(14.875)
JANUARY - JUNE 1982.....	14 3/4 %	(14.750)
JULY - DECEMBER 1982.....	15 1/2 %	(15.500)
JANUARY - JUNE 1983.....	11 1/4 %	(11.250)
JULY - DECEMBER 1983.....	11 1/2 %	(11.500)
JANUARY - JUNE 1984.....	12 3/8 %	(12.375)
JULY - DECEMBER 1984.....	14 3/8 %	(14.375)
JANUARY - JUNE 1985.....	12 1/8 %	(12.125)
JULY - DECEMBER 1985.....	10 3/8 %	(10.375)
JANUARY - JUNE 1986.....	9 3/4 %	(9.750)
JULY - DECEMBER 1986.....	8 1/2 %	(8.500)
JANUARY - JUNE 1987.....	7 5/8 %	(7.625)
JULY - DECEMBER 1987.....	8 7/8 %	(8.875)
JANUARY - JUNE 1988.....	9 3/8 %	(9.375)
JULY - DECEMBER 1988.....	9 1/4 %	(9.250)
JANUARY - JUNE 1989.....	9 3/4 %	(9.750)
JULY - DECEMBER 1989.....	9 1/8 %	(9.125)
JANUARY - JUNE 1990.....	8 1/2 %	(8.500)
JULY - DECEMBER 1990.....	9 %	(9.000)
JANUARY - JUNE 1991.....	8 3/8 %	(8.375)