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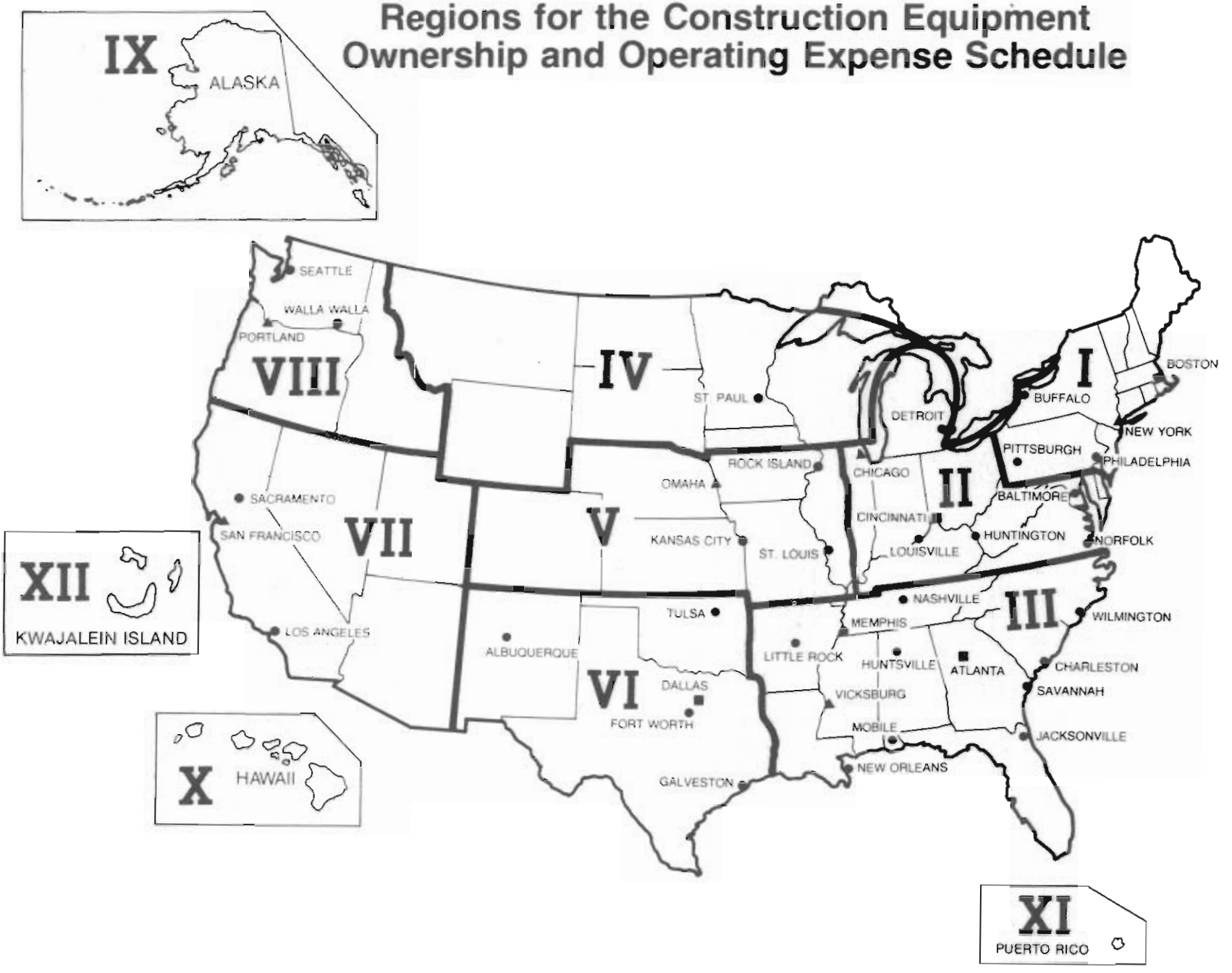
Construction Equipment Ownership and Operating Expense Schedule

Region IX

Regions for the Construction Equipment Ownership and Operating Expense Schedule



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CONSTRUCTION EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE

Table of Contents

Subject	Paragraph	Page
CHAPTER 1. INTRODUCTION		
Purpose	1-1	1-1
Applicability	1-2	1-1
References	1-3	1-1
General	1-4	1-1
Use	1-5	1-1
How to Obtain This Publication	1-6	1-2
CHAPTER 2. METHODOLOGY		
General	2-1	2-1
Construction Equipment	2-2	2-1
Sample Computation	2-3	2-7
Marine Equipment	2-4	2-7
CHAPTER 3. RATE SCHEDULE		
Introduction	3-1	3-1
Hourly Equipment Ownership and Operating Expense	3-2	3-1
Assistance	3-3	3-4
Table 3-1. Hourly Equipment Ownership and Operating Expense		3-5
Table 3-2. Equipment Age Adjustment Factors for Ownership Cost		3-115
Table 3-3. Equipment Age Adjustment Factors for Standby Costs		3-123
Table 3-4. Shift Adjustment Factors for Ownership Costs		3-131
Table 3-5. Hourly Rate Elements		3-133

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Subject	Page
APPENDIX A. REFERENCES	A-1
APPENDIX B. AREA FACTORS	B-1
APPENDIX C. GUIDE FOR SELECTING OPERATING CONDITIONS	C-1
APPENDIX D. EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS	D-1
APPENDIX E. ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT	E-1
APPENDIX F. TIRE DESCRIPTION AND TIRE COST	F-1
APPENDIX G. TIRE LIFE AND TIRE WEAR FACTORS	G-1
APPENDIX H. MARINE EQUIPMENT	H-1
APPENDIX I. MANUFACTURER CODES	I-1
APPENDIX J. EQUIPMENT ACCESSORIES	J-1
APPENDIX K. FEDERAL COST OF MONEY RATE	K-1

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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 IX, which includes the following state:

Alaska

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:

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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.

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

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:

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

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:

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

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**

SAMPLE: THE PIECE OF EQUIPMENT SHOWN IS BASED ON A KNOWN PIECE OF EQUIPMENT FOR ILLUSTRATION PURPOSES ONLY. (SEE TEXT 2-3)

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): 1,197

(9) Tire size and number of tires: Total Cost of tires for present year:

(a) Front: No.: 4 Size/Ply: 14x20 18PR Cost: $ 3304

(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) = $ 465,082

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

(465,082) x (.075) = -($ 34,881)

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

(1,197 CWT) x (14.30) = $ 17,117

(3) Subtotal: [2.a.(1)] + [2.a.(2)] S/T $ 447,318

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

(447,318) x (—) = $ —

c. TOTAL EQUIPMENT COST: [(2.a.(3)] + [(2.b)] 2. TOTAL: $ 447,318

(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]

(16,000 Hrs) / (1,150 Hrs/Yr) = 13.91 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]

(4415) / (3967) = 1.113 (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.]

(0.15) x (1.113) = 0.167 (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)

(2480) / (2566) = .966 (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)]

[(447,318) x [1.0 - (.167)] - [(.966) x (9,912)]]/ 16,000)

= $ 22.63 /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.]

[[(13.91 Yrs) - 1.0] x [(.167) + 1.0] + 2.0] / [(13.91 Yrs) x 2.0]

= 0.6130 (AVF)

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

(447,318) x (.6130) x (.067) / (1,150 Hrs/Yr)

= $ 15.98 /Hr

c. TOTAL HOURLY OWNERSHIP COSTS: [6.a.(2)] + [6.b.(2)] 6. TOTAL: $ 38.61 /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]

(.036) x (110 HP) x (1.00 /Gal) = $ 3.96 /Hr

(2) Carrier:

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

(.006) x (318 HP) x (1.36 /Gal) = $ 2.60 /Hr

(3) TOTAL HOURLY FUEL COSTS: [(7.a(1)] + [7.a(2)] Total 7.a. = $ 6.56 /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) x (3.96 /Hr) = $ 1.03 /Hr

(2) Carrier:

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

(.26) x (2.60 /Hr) = $ .68 /Hr

(3) TOTAL HOURLY FOG COSTS: [(7.b.(1)] + [7.b.(2)] Total 7.b. = $ 1.71 /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) x (1.113) x (1.22) = .9510 (RF)

(2) Hourly Repairs:

[(Total Equip Cost) - [TC1 x (Tire Cost)]] x (RF) / (LIFE)
[2.c.] [6.a.(1)] [1.a.(9)(d)] [7.c.(1)] [1.c.(4)]

[(447,318) - [.966 x (9,912)]] x (.9510) / 16,000

Total 7.c. = $ 25.96 /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 x (FT Cost)] / [1.8 x (FT Wear Factor) x (Maximum Tire Life/hrs)]
[1.a.(9)(a)] [1.c.(9)(a)] [TABLE F-1]

[1.5 x (3,304)] / [1.8 x (.97) x (5,000 /Hrs)]

= $ .63 /Hr

(2) Drive Tires:

[1.5 x (DT Cost)] / [1.8 x (DT Wear Factor) x (Maximum Tire Life/hrs)]
[1.a.(9)(a)] [1.c.(9)(a)] [TABLE F-1]

[1.5 x (6,608)] / [1.8 x (.78) x (5,000 /Hrs)]

= $ 1.55 /Hr

(3) Trailing Tires:

[1.5 x (TT Cost)] / [1.8 x (TT Wear Factor) x (Maximum Tire Life/hrs)]
[1.a.(9)(a)] [1.c.(9)(a)] [TABLE F-1]

[1.5 x (—)] / [1.8 x (—) x (— /Hrs)]

= $ — /Hr

(4) TOTAL TIRE WEAR COST: [Sum 7.d.(1) through 7.d.(3)] Total 7.d. = $ 2.18 /Hr

e. Tire Repair Cost:

(Total Tire Wear) x 0.15
[7.d.(4)]

(2.18) x 0.15 Total 7.e. = $ .33 /Hr

f. TOTAL OPERATING COSTS: [Sum 7.a through 7.e] 7. TOTAL: = $ 36.74 /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]

(38.61 /Hr) + (36.74 /Hr) = $ 75.35 /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.]

(22.63 /Hr) + [(15.98 /Hr x 40 Hrs/Wk) / (60 Hrs/Wk)] + (36.74 /Hr)

= $ 70.02 /Hr

c. **Standby - Hourly Rate:**

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

[(22.63 /Hr) x 0.50] + (15.98 /Hr) = $ 27.30 /Hr

(See paragraph 2-2 for adjustments.)

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 overage 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

TABLE 3-1 HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

CATEGORY INDEX

		Page
A10	AGGREGATE/CHIP SPREADERS	3 - 9
A15	AIR COMPRESSORS, PORTABLE	3 - 9
A20	AIR HOSE, TOOLS, AND EQUIPMENT	3 - 10
A25	ASPHALT DISTRIBUTORS	3 - 12
A30	ASPHALT FINISHERS/PAVERS	3 - 13
A35	ASPHALT KETTLES	3 - 14
A40	ASPHALT AND CONCRETE MILLERS/PROFILERS	3 - 14
A45	ASPHALT RECYCLERS AND SEALERS	3 - 15
B00	BACKHOE (SEE HYDRAULIC EXCAVATORS)	
B15	BROOMS, STREET SWEEPERS AND FLUSHERS	3 - 15
B20	BRUSH CHIPPERS	3 - 16
B25	BUCKETS, CLAMSHELL	3 - 17
B30	BUCKETS, CONCRETE	3 - 19
B35	BUCKETS, DRAGLINE	3 - 20
C05	CHAIN SAWS	3 - 22
C10	COMPACTORS, MANUALLY OPERATED	3 - 22
C15	CONCRETE BLASTERS	3 - 24
C20	CONCRETE BUGGIES	3 - 24
C25	CONCRETE FINISHERS	3 - 24
C35	CONCRETE GUNITERS/SHOTCRETERS	3 - 25
C40	CONCRETE MIXERS	3 - 26
C45	CONCRETE PAVING MACHINES	3 - 26
C55	CONCRETE PUMPS	3 - 27
C60	CONCRETE SAWS	3 - 28
C65	CONCRETE VIBRATORS	3 - 29
C75	CRANES, HYDRAULIC, SELF-PROPELLED	3 - 29
C80	CRANES, HYDRAULIC, TRUCK MOUNTED	3 - 31
C85	CRANES, MECHANICAL, CRAWLER MOUNTED	3 - 33
C90	CRANES, MECHANICAL, TRUCK MOUNTED	3 - 39
C95	CRANES, TOWER	3 - 40
D10	DRILLS, AIR TRACK, CRAWLER MOUNTED	3 - 41
D15	DRILLS, BORING MACHINES	3 - 42

TABLE 3-1 HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

CATEGORY INDEX (Continued)

		Page
D20	DRILLS, CORE, COLUMN MOUNTED	3 - 42
D25	DRILLS, CORE, SKID MOUNTED	3 - 43
D30	DRILLS, EARTH/AUGER	3 - 43
D35	DRILLS, ROTARY BLAST HOLE	3 - 44
F10	FORK LIFTS	3 - 46
G10	GENERATOR SETS	3 - 47
G15	GRADERS, MOTOR	3 - 48
H20	HOISTS	3 - 50
H25	HYDRAULIC EXCAVATORS, CRAWLER MOUNTED	3 - 51
H30	HYDRAULIC EXCAVATORS, WHEEL MOUNTED	3 - 56
H35	HYDRAULIC SHOVELS, CRAWLER MOUNTED	3 - 57
L10	LAND CLEARING EQUIPMENT	3 - 58
L15	LAWN MOWERS	3 - 59
L20	LIGHTING SETS, TRAILER MOUNTED	3 - 60
L25	LINE STRIPING EQUIPMENT	3 - 61
L30	LOADERS, BELT	3 - 61
L35	LOADERS, FRONT END, CRAWLER TYPE	3 - 63
L40	LOADERS, FRONT END, WHEEL TYPE	3 - 64
L45	LOADERS WITH BACKHOE, CRAWLER TYPE	3 - 69
L50	LOADERS WITH BACKHOE, WHEEL TYPE	3 - 69
L55	LOADER/BACKHOE, ATTACHMENTS	3 - 70
L60	LOG SKIDDERS	3 - 71
P10	PILE EXTRACTORS AND LEADS	3 - 72
P20	PILE HAMMERS, DOUBLE ACTING	3 - 72
P25	PILE HAMMERS, SINGLE ACTING	3 - 73
P30	PILE HAMMERS, VIBRATORY	3 - 74
P35	PIPELAYERS	3 - 74
P40	PLATFORMS, AERIAL WORK	3 - 75
P45	PUMPS, GROUT	3 - 75
P50	PUMPS, WATER, CENTRIFUGAL, TRASH	3 - 76
P55	PUMPS, WATER, SUBMERSIBLE	3 - 77
P60	PUMPS, WATER, CENTRIFUGAL, DEWATERING	3 - 77

TABLE 3-1 HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

CATEGORY INDEX (Continued)

		Page
P65	PUMPS, WATER, DIAPHRAGM	3 - 78
P70	PUMPS, WATER (FOR CORE DRILLS)	3 - 79
R10	RIPPERS AND HYDRAULIC BANK SLOPERS	3 - 79
R15	ROLLERS, TOWED (PNEUMATIC)	3 - 80
R30	ROLLERS, STATIC, SELF-PROPELLED	3 - 81
R40	ROLLERS, VIBRATORY, TOWED	3 - 83
R45	ROLLERS, VIBRATORY, DOUBLE DRUM,	3 - 84
R50	ROLLERS, VIBRATORY, SINGLE DRUM	3 - 86
R55	ROOFING EQUIPMENT	3 - 88
S10	SCRAPERS, ELEVATING	3 - 88
S15	SCRAPERS, CONVENTIONAL	3 - 89
S20	SCRAPERS, TANDEM POWERED	3 - 90
S25	SCRAPERS, TRACTOR DRAWN	3 - 91
S35	SNOW REMOVAL EQUIPMENT	3 - 91
S40	SOIL STABILIZERS	3 - 91
S45	SPLITTERS, ROCK AND CONCRETE	3 - 91
T10	TRACTOR BLADES AND ATTACHMENTS	3 - 92
T15	TRACTORS, CRAWLER (DOZER)	3 - 94
T20	TRACTORS, WHEEL TYPE (DOZER)	3 - 97
T25	TRACTORS, WHEEL TYPE (FARM)	3 - 97
T30	TRENCHERS, CHAIN	3 - 97
T35	TRENCHERS, WHEEL TYPE	3 - 98
T40	TRUCK OPTIONS (ADD TRUCK)	3 - 99
T45	TRUCK TRAILERS,	3 - 101
T50	TRUCKS, HIGHWAY	3 - 103
T55	TRUCKS, OFF-HIGHWAY	3 - 106
T60	TRUCKS, WATER, OFF-HIGHWAY	3 - 108
W10	WAGONS, BOTTOM DUMP	3 - 108
W15	WAGONS, REAR DUMP	3 - 108
W25	WATER BLASTERS	3 - 109
W30	WATER TANKS	3 - 110
W35	WELDERS	3 - 111

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
A10	AGGREGATE/CHIP SPREADERS										
	.10 SELF PROPELLED										
		ETNYRE, E.D.									
	A10ET001	C-201-89R2	10' HOPPER, 2WD, MECHANICAL	152 HP D	75,241	21.41	5.75	5.80	2.85	4.26	165
	A10ET002	C-201-89R2	13' HOPPER, 2WD, MECHANICAL	190 HP D	78,374	23.39	5.99	6.04	2.97	5.32	170
	A10ET003	C-202-89R	10' HOPPER, 2WD, HYDROSTATIC	152 HP D	84,836	23.45	6.50	6.55	3.22	4.26	165
	A10ET004	C-202-89R	13' HOPPER, 2WD, HYDROSTATIC	190 HP D	88,170	25.49	6.75	6.82	3.34	5.32	170
		ROSCO									
	A10RS001	SPR-H	CHIP SPREADER, 10' HOPPER	152 HP D	69,270	20.14	5.30	5.33	2.63	4.26	152
	A10RS002	SPR-H	CHIP SPREADER, 13.5' HOPPER	152 HP D	70,514	20.39	5.38	5.42	2.67	4.26	152
	.20 TOWED & TAILGATE										
		AMERICAN ROAD MACHINERY									
	A10AR001	TG-505C	TAILGATE SPREADER, 8' WIDE (ADD DUMP TRUCK)		3,026	0.91	0.32	0.40	0.12	0.00	5
	A10AR002	ODELL	TOWED SPREADER, 8' WIDE ASPHALT & AGG. SPREADING TO 8" (ADD DUMP TRUCK)		6,140	1.84	0.65	0.81	0.24	0.00	22
A15	AIR COMPRESSORS, PORTABLE										
	.10 ROTARY SCREW										
		NO SPECIFIC MANUFACTURER									
	A15XX001		100 CFM QUIET, 100 PSI (ADD HOSE)	50 HP G	13,585	9.22	1.03	0.97	0.54	4.79	20
	A15XX002		100 CFM QUIET, 100 PSI (ADD HOSE)	35 HP D	16,351	5.09	1.24	1.17	0.65	1.26	26
	A15XX003		125 CFM QUIET, 100 PSI (ADD HOSE)	65 HP G	16,613	11.76	1.26	1.19	0.66	6.23	24
	A15XX004		125 CFM QUIET, 100 PSI (ADD HOSE)	51 HP D	17,684	6.12	1.34	1.27	0.70	1.84	26
	A15XX005		175 CFM QUIET, 100 PSI (ADD HOSE)	70 HP G	18,127	12.72	1.37	1.30	0.72	6.71	26
	A15XX006		175 CFM QUIET, 100 PSI (ADD HOSE)	65 HP D	20,529	7.36	1.55	1.47	0.81	2.34	28
	A15XX007		185 CFM QUIET, 100 PSI (ADD HOSE)	70 HP G	18,720	12.84	1.41	1.34	0.74	6.71	27

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
A15	AIR COMPRESSORS, PORTABLE									
	.10 ROTARY SCREW									
		NO SPECIFIC MANUFACTURER								
	A15XX008		185 CFM QUIET, 100 PSI (ADD HOSE) 75 HP D	22,009	8.14	1.66	1.58	0.87	2.70	29
	A15XX009		250 CFM QUIET, 100 PSI (ADD HOSE) 95 HP D	30,771	10.91	2.33	2.21	1.22	3.42	35
	A15XX010		375 CFM QUIET, 100 PSI (ADD HOSE) 112 HP D	40,647	13.80	3.04	2.86	1.61	4.03	49
	A15XX011		450 CFM QUIET, 100 PSI (ADD HOSE) 150 HP D	58,048	19.24	4.36	4.13	2.29	5.40	89
	A15XX012		600 CFM QUIET, 100 PSI (ADD HOSE) 200 HP D	64,770	22.97	4.86	4.60	2.56	7.20	99
	A15XX013		750 CFM QUIET, 100 PSI (ADD HOSE) 240 HP D	75,145	27.01	5.65	5.35	2.97	8.64	128
	A15XX014		900 CFM QUIET, 100 PSI (ADD HOSE) 260 HP D	84,296	29.87	6.34	6.02	3.33	9.36	138
	A15XX015		1200 CFM QUIET, 100 PSI (ADD HOSE) 325 HP D	118,223	40.06	8.91	8.48	4.67	11.70	155
	A15XX016		1400 CFM QUIET, 100 PSI (ADD HOSE) 395 HP D	132,606	46.35	10.00	9.51	5.24	14.22	185
	A15XX017		1600 CFM QUIET, 100 PSI (ADD HOSE) 456 HP D	139,558	50.63	10.52	10.01	5.51	16.42	216
A20	AIR HOSE, TOOLS & EQUIPMENT									
	.10 AIR HOSES									
		NO SPECIFIC MANUFACTURER								
	A20XX001	HARDROCK	AIR HOSE, 3/4" DIAM., 100' LONG	537	0.47	0.09	0.14	0.02	0.00	1
	A20XX002	HARDROCK	AIR HOSE, 1" DIAM., 100' LONG	587	0.51	0.10	0.15	0.02	0.00	1
	A20XX003	HARDROCK	AIR HOSE, 1-1/4" DIAM., 100' LONG	716	0.62	0.12	0.18	0.03	0.00	1
	A20XX004	HARDROCK	AIR HOSE, 1-1/2" DIAM., 100' LONG	839	0.72	0.14	0.21	0.03	0.00	1
	A20XX005	HARDROCK	AIR HOSE, 2" DIAM., 100' LONG	1,167	1.02	0.20	0.30	0.05	0.00	1
	A20XX006	HARDROCK	AIR HOSE, 2-1/2" DIAM., 100' LONG	1,391	1.20	0.24	0.35	0.06	0.00	1
	A20XX007	HARDROCK	AIR HOSE, 3" DIAM., 100' LONG	2,849	2.48	0.49	0.73	0.12	0.00	1
	A20XX008	HARDROCK	AIR HOSE, 4" DIAM., 100' LONG	4,292	3.72	0.73	1.09	0.18	0.00	2
	A20XX009	YELLOW-LINE	AIR HOSE, 3/4" DIAM., 100' LONG	186	0.17	0.04	0.05	0.01	0.00	1
	A20XX010	YELLOW-LINE	AIR HOSE, 1" DIAM., 100' LONG	206	0.18	0.04	0.05	0.01	0.00	1
	A20XX011	YELLOW-LINE	AIR HOSE, 1-1/4" DIAM., 100' LONG	469	0.41	0.08	0.12	0.02	0.00	1
	A20XX012	YELLOW-LINE	AIR HOSE, 1-1/2" DIAM., 100' LONG	587	0.51	0.10	0.15	0.02	0.00	1
	A20XX013	YELLOW-LINE	AIR HOSE, 2" DIAM., 100' LONG	688	0.60	0.12	0.18	0.03	0.00	1
	A20XX014	YELLOW-LINE	AIR HOSE, 2-1/2" DIAM., 100' LONG	1,016	0.88	0.17	0.26	0.04	0.00	1
	A20XX015	YELLOW-LINE	AIR HOSE, 3" DIAM., 100' LONG	1,317	1.14	0.22	0.34	0.05	0.00	1
	A20XX016	YELLOW-LINE	AIR HOSE, 4" DIAM., 100' LONG	1,895	1.64	0.32	0.48	0.08	0.00	1
	.20 BLAST HOSE									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE OWNERSHIP DEPR	CFC	ELEMENTS FUEL	CWT
A20	AIR HOSE, TOOLS & EQUIPMENT										
	.20 BLAST HOSE										
		NO SPECIFIC MANUFACTURER									
	A20XX017		BLAST HOSE, 1/2"ID, 1-5/32"OD,100'L		441	0.41	0.08	0.11	0.02	0.00	1
	A20XX018		BLAST HOSE, 3/4"ID, 1-1/2"OD,100'L		594	0.54	0.10	0.15	0.02	0.00	1
	A20XX019		BLAST HOSE, 1"ID, 1-7/8"OD,100'L		744	0.69	0.13	0.19	0.03	0.00	1
	A20XX020		BLAST HOSE,1-1/2"ID, 2-3/8"OD,100'L		905	0.84	0.16	0.23	0.04	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	1,772	1.36	0.25	0.35	0.07	0.00	3
	A20CM002	SCW-1440P	SANDBLASTER, 150 LB CAP. WITH HOSE (1" X 50') & ACC (ADD COMPRESSOR)	101 CFM A	3,149	2.38	0.44	0.62	0.13	0.00	5
	A20CM003	SCWB-1648P	SANDBLASTER, 300 LB CAP. WITH HOSE (1" X 50') & ACC (ADD COMPRESSOR)	101 CFM A	3,447	2.59	0.48	0.67	0.14	0.00	6
	A20CM004	SCWB-2452HP	SANDBLASTER, 600 LB CAP. WITH HOSE (1-1/4" X 50')& ACC(ADD COMPRESSOR)	216 CFM A	4,656	3.56	0.66	0.91	0.20	0.00	7
	A20CM005	SCH-3079R	SANDBLASTER W/HOPPER, 1400 LB CAP. W/1-1/4"PIPE,50' RC HOSE (ADD COMP)	216 CFM A	12,090	9.04	1.69	2.36	0.51	0.00	9
	A20CM006	60-H	SANDBLASTER, 3 TON CAP, 1-1/4" PIPE W/50' HOSE W/2 NOZ, TRLR (ADD COMP)	450 CFM A	14,645	10.88	2.01	2.77	0.62	0.00	28
	A20CM007	120-H	SANDBLASTER, 6 TON CAP, 1-1/4" PIPE W/50' HOSE W/2 NOZ, TRLR (ADD COMP)	700 CFM A	18,517	13.71	2.51	3.46	0.78	0.00	45
	A20CM008	160-H	SANDBLASTER, 8 TON CAP, 1-1/4" PIPE W/50' HOSE W/2 NOZ, TRLR (ADD COMP)	900 CFM A	19,572	14.22	2.57	3.49	0.82	0.00	53
	A20CM009		STORAGE HOPPER, 640 CUBIC FT CAP 32-TON SAND BULK ABRASIVE STORAGE		11,129	8.51	1.56	2.18	0.47	0.00	55
		GARDNER DENVER									
	A20GD001	SP27E	SPADER, 35 LB, (ADD COMPRESSOR)	32 CFM A	819	0.66	0.11	0.16	0.03	0.00	1
	A20GD002	S58D	SINKER DRILL, DRY GLAND (ADD COMP)	98 CFM A	1,913	1.51	0.27	0.37	0.08	0.00	1
	A20GD003	S58W	SINKER DRILL, WET GLAND (ADD COMP)	98 CFM A	2,019	1.59	0.28	0.39	0.08	0.00	1
	A20GD004	B67C	PAVING BREAKER, 66 LB (ADD COMP)	46 CFM A	990	0.78	0.14	0.19	0.04	0.00	1

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
A20	AIR HOSE, TOOLS & EQUIPMENT										
	.30 SANDBLASTERS & BREAKERS										
		GARDNER DENVER									
	A20GD005	B87C	PAVING BREAKER, 86 LB (ADD COMP)	50 CFM A	1,096	0.87	0.16	0.21	0.05	0.00	1
	A20GD006	S83FM	FEED LEG DRILL,54" TRAVEL(ADD COMP) INCLUDES SWIVEL & POWER RETRACT LEG	103 CFM A	3,673	2.83	0.51	0.72	0.15	0.00	1
		WACKER									
	A20WC001	LHB 5	BREAKER/DRILL, 12 LB (ADD COMP)	20 CFM A	1,152	0.97	0.17	0.23	0.05	0.00	1
	A20WC002	EHB 10/110	BREAKER/DRILL, 40 LB (ADD GEN)	2 HP E	1,517	1.41	0.21	0.30	0.06	0.10	1
	A20WC003	BHB 25	ROCK DRILL/BREAKER, 88 LB	4 HP G	3,724	3.25	0.53	0.73	0.16	0.38	1
	A20WC004	BHF 30S	BREAKER/DRILL, 85 LB	4 HP G	3,795	3.29	0.53	0.74	0.16	0.38	1
A25	ASPHALT DISTRIBUTORS										
		ROSCO									
	A25RS001	RES	1,000 GALLON, FOR TRUCK MOUNTING (ADD 18,000 TO 24,000 GVW TRUCK)	50 HP G	33,369	15.48	2.94	3.29	1.29	4.79	69
	A25RS002	RRH	1,000 GAL,HYDROSTATIC,FOR TRUCK MTD (ADD 18,000 TO 24,000 GVW TRUCK)		35,218	11.16	3.10	3.47	1.36	0.00	64
	A25RS003	RES	1,500 GALLON, FOR TRUCK MOUNTING (ADD 24,000 TO 32,000 GVW TRUCK)	50 HP G	34,440	15.76	3.03	3.39	1.33	4.79	73
	A25RS004	RRH	1,500 GAL,HYDROSTATIC,FOR TRUCK MTD (ADD 24,000 TO 32,000 GVW TRUCK)		36,598	11.63	3.21	3.60	1.41	0.00	71
	A25RS005	RES	2,000 GALLON, FOR TRUCK MOUNTING (ADD 32,000 GVW TRUCK)	50 HP G	37,609	16.63	3.30	3.70	1.45	4.79	84
	A25RS006	RRH	2,000 GAL,HYDROSTATIC,FOR TRUCK MTD (ADD 32,000 GVW TRUCK)		39,525	12.54	3.48	3.89	1.53	0.00	77
	A25RS007	RES	3,000 GALLON, FOR TRUCK MOUNTING (ADD 42,000 GVW TRUCK)	50 HP G	41,105	17.60	3.62	4.05	1.59	4.79	106
	A25RS008	RRH	3,500 GAL,HYDROSTATIC,FOR TRUCK MTD (ADD 42,000 GVW TRUCK)		45,880	14.38	4.03	4.52	1.77	0.00	108
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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
A30	ASPHALT FINISHERS/PAVERS										
	.10 SELF PROPELLED										
		BARBER-GREENE									
	A30BG001	BG220B	8' STD PAVING WIDTH (PNEUMATIC) WITH 15'-6" SCREED EXT.	78 HP D	151,016	40.81	11.58	11.69	5.73	2.81	230
	A30BG002	BG240B	10' STD PAVING WIDTH (PNEUMATIC) WITH 19' SCREED EXT.	105 HP D	173,724	47.74	13.22	13.26	6.59	3.78	290
	A30BG003	BG260B	10' STD PAVING WIDTH (PNEUMATIC) WITH 19' SCREED EXT.	142 HP D	195,481	54.86	14.76	14.69	7.41	5.11	320
	A30BG004	BG225B	8' STD PAVING WIDTH (CRAWLER) WITH 15'-6" SCREED EXT.	105 HP D	175,443	47.96	13.56	13.82	6.65	3.78	238
	A30BG005	BG245B	10' STD PAVING WIDTH (CRAWLER) WITH 19'6" SCREED EXT.	105 HP D	209,532	56.35	16.21	16.51	7.95	3.78	296
	A30BG006	BG265B	10' STD PAVING WIDTH (CRAWLER) WITH 19'6" SCREED EXT.	142 HP D	237,371	64.88	18.35	18.70	9.00	5.11	346
		BLAW-KNOX									
	A30BK001	PF-22	5'-12' STD PAVING WIDTH (PNEUMATIC)	23 HP D	60,373	15.92	4.62	4.65	2.29	0.83	95
	A30BK002	PF-35	6'-12' STD PAVING WIDTH (PNEUMATIC)	44 HP D	93,121	24.93	7.15	7.23	3.53	1.58	104
	A30BK003	PF-115	8' STD PAVING WIDTH (PNEUMATIC)	72 HP D	145,569	39.28	11.06	11.08	5.52	2.59	201
	A30BK004	PF-120H	10' STD PAVING WIDTH (PNEUMATIC)	87 HP D	157,660	42.95	12.00	12.03	5.98	3.13	253
	A30BK005	PF-180H	10' STD PAVING WIDTH (PNEUMATIC)	107 HP D	194,665	53.03	14.79	14.82	7.38	3.85	290
	A30BK006	PF-220	12' STD PAVING WIDTH (PNEUMATIC)	148 HP D	240,730	66.36	18.26	18.26	9.13	5.33	387
	A30BK007	PF-400A	8' STD PAVING WIDTH (CRAWLER)	103 HP D	183,074	49.75	14.16	14.43	6.94	3.71	230
	A30BK008	PF-500	10' STD PAVING WIDTH (CRAWLER)	120 HP D	216,803	58.82	16.76	17.08	8.22	4.32	291
		CATERPILLAR									
	A30CA001	AP-200	9' STD PAVING WIDTH (CRAWLER)	35 HP D	43,101	12.20	3.33	3.40	1.63	1.26	90
	A30CA002	AP-800	10' STD PAVING WIDTH (PNEUMATIC)	102 HP D	165,979	45.69	12.64	12.68	6.30	3.67	290
	A30CA003	AP-1200	10' STD PAVING WIDTH (PNEUMATIC)	145 HP D	201,778	56.57	15.32	15.33	7.65	5.22	365
	.20 TOWED										
		LAYTON									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE OWNERSHIP DEPR	CFC	ELEMENTS FUEL	CWT
A30	ASPHALT FINISHERS/PAVERS										
	.20 TOWED										
		LAYTON									
	A30LA001	F-525	STANDARD PAVING WIDTH 8 FEET	14 HP G	22,314	7.21	1.70	1.70	0.85	1.34	36
	A30LA002	D-550	STANDARD PAVING WIDTH 8 FEET	14 HP G	29,871	8.87	2.28	2.30	1.13	1.34	40
A35	ASPHALT KETTLES										
		AEROIL PRODUCTS									
	A35AE001	KE-B-80KE	80 GALLON, TRAILER MOUNTED		3,417	2.17	0.36	0.43	0.14	0.00	9
	A35AE002	KE-B-115KE	115 GALLON, TRAILER MOUNTED		3,773	2.53	0.39	0.47	0.15	0.00	11
	A35AE003	KE-B-165KE	165 GALLON, TRAILER MOUNTED		4,817	2.98	0.50	0.61	0.19	0.00	12
	A35AE004	KE-B-230KE	230 GALLON, TRAILER MOUNTED		6,094	3.62	0.63	0.78	0.24	0.00	16
	A35AE005	KE-B-330KE	330 GALLON, TRAILER MOUNTED		7,427	4.50	0.75	0.90	0.30	0.00	20
		ROSCO									
	A35RS001	KB	110 GALLON, TRAILER MOUNTED		4,810	2.84	0.50	0.61	0.19	0.00	13
	A35RS002	KD	225 GALLON, TRAILER MOUNTED		5,814	3.48	0.60	0.74	0.23	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	78,644	22.96	5.98	6.00	2.98	2.77	130
	A40CA002	PR-105	PROFILER, MAX CUT 14.5"W X 6.0"DEEP	90 HP D	131,688	36.60	10.08	10.18	4.99	3.24	170
	A40CA003	PR-275	PROFILER, MAX CUT 67.0"W X 4.0"DEEP	270 HP D	273,292	79.63	21.14	21.54	10.37	9.72	380
	A40CA004	PR-450	PROFILER, MAX CUT 75.0"W X 10" DEEP	450 HP D	345,519	105.68	26.72	27.23	13.10	16.20	520
	A40CA005	PR-750B	PROFILER, MAX CUT 120.0"W X 10"DEEP	750 HP D	478,022	152.07	36.97	37.67	18.13	27.00	650
	A40CA006	PR-1000	PROFILER, MAX CUT 150.0"W X 10"DEEP	750 HP D	608,675	184.19	47.07	47.96	23.09	27.00	1,031
		INGERSOLL-RAND									
	A40IN001	MW-175	MILLER,20"W, MAX DEPTH 6.0"	122 HP D	108,120	32.24	8.32	8.43	4.10	4.39	213

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
A40	ASPHALT & CONCR. MILLERS/PROFILERS										
		INGERSOLL-RAND									
	A40IN002	MW-250	MILLER,30"W, MAX DEPTH 6.0"	122 HP D	113,186	33.48	8.71	8.83	4.29	4.39	215
	A40IN003	MW-250C	MILLER,30"W, MAX DEPTH 6.0",W/CONVY	140 HP D	138,880	40.63	10.70	10.85	5.27	5.04	314
	A40IN004	MW-6520HC	MILLER,78"W, MAX DEPTH 6.0",W/CONVY	400 HP D	270,097	84.86	20.84	21.19	10.24	14.40	420
	A40IN005	MT-6520	MILLER,78"W, MAX 6"DEPTH,W/CONV,CWL	400 HP D	311,914	95.11	24.12	24.58	11.83	14.40	550
	A40IN006	MT-7000	MILLER,78"W,MAX 10"DEPTH,W/CONV,CWL	525 HP D	397,805	121.99	30.77	31.35	15.09	18.90	720
A45	ASPHALT RECYCLERS & SEALERS										
		AEROIL PRODUCTS									
	A45AE001	HE-PR-52V	RESURFACER-PATCHER, 600,000 BTU INFRA-RED HEATER, TRAILER MOUNTED		8,287	3.84	0.72	0.80	0.32	0.00	11
	A45AE002	HE-PR-96V	RESURFACER-PATCHER, 1,200,000 BTU INFRA-RED HEATER, TRAILER MOUNTED		14,725	6.65	1.29	1.43	0.57	0.00	16
	A45AE003	HE-PR-120V	RESURFACER-PATCHER, 1,420,000 BTU INFRA-RED HEATER, TRAILER MOUNTED		17,339	7.89	1.52	1.69	0.67	0.00	18
		SEALMASTER									
	A45SE001	50	SEALCOATER, 50" WIDE, 238 GALLON STANDARD SPRAY	18 HP G	10,780	6.32	0.94	1.04	0.42	1.72	21
	A45SE002	12A	SEALCOATER, 50" WIDE, 200 GALLON DUAL SPRAY, SQUEEGEE	20 HP G	14,654	7.93	1.28	1.42	0.57	1.92	27
	A45SE003	72	SEALCOATER, 72" WIDE, 300 GALLON DUAL SPRAY, SQUEEGEE	30 HP G	21,065	11.76	1.81	1.99	0.81	2.87	35
	A45SE004	TR-1000	TANK TRAILER, 1000 GALLON CAPACITY		17,163	5.32	1.45	1.58	0.66	0.00	57
B15	BROOMS, STREET SWEEPERS & FLUSHERS										
		ALLMAND BROS.									
	B15AB001	MODEL 6600	MAXI-SWEEP, 7.5'MAX WIDTH,SELF-PROP	76 HP D	34,428	12.76	2.98	3.30	1.33	2.74	65

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE OWNERSHIP DEPR	CFC	ELEMENTS FUEL	CWT
B15	BROOMS, STREET SWEEPERS & FLUSHERS										
		INGRAM									
	B15IG001	POWERBROOM	POWER BROOM, 8', SELF-PROPELLED	76 HP D	26,534	10.65	2.27	2.47	1.03	2.74	40
		M-B									
	B15MB001	MT	SWEEPER,HYDR LIFT,7 FT,ADD TRACTOR PTO DRIVE W/SPRINKLER		4,183	1.22	0.37	0.41	0.16	0.00	10
	B15MB002	HT	SWEEPER,HYDR LIFT,7 FT,ADD TRACTOR HYDRAULIC DRIVE W/SPRINKLER		7,030	2.03	0.62	0.69	0.27	0.00	14
	B15MB003	53T	SWEEPER, HYDR LIFT, 7 FT, TOWED MECH DRIVE W/SPRINKLER		7,677	2.29	0.66	0.72	0.30	0.00	18
	B15MB004	53MH	SWEEPER, HYDR LIFT, 7 FT, TOWED MOTOR DRIVEN W/SPRINKLER	18 HP G	8,687	4.46	0.75	0.82	0.34	1.72	17
		ROSCO									
	B15RS001	RB-38	STREET SWEEPER, 8' BRUSH,SELF-PROP.	76 HP D	26,591	10.65	2.31	2.56	1.03	2.74	55
	B15RS002	MTA-H	STREET FLUSHER, 1,600 GAL, TRK MTD (ADD 18,000 TO 24,000 GVW TRUCK)		23,714	6.86	2.08	2.32	0.92	0.00	46
	B15RS003	MTA-H	STREET FLUSHER, 2,500 GAL, TRK MTD (ADD 24,000 TO 32,000 GVW TRUCK)		26,003	7.58	2.29	2.55	1.01	0.00	54
	B15RS004	MTA-H	STREET FLUSHER, 3500 GAL, TRK MTD (ADD 42,000 GVW TRUCK)		27,597	8.10	2.42	2.70	1.07	0.00	60
B20	BRUSH CHIPPERS										
		CHIPMORE									
	B20CI001	TM-30	SMALL CHIPPER, TRLR-MTD	18 HP G	5,243	3.76	0.45	0.50	0.20	1.72	9
	B20CI002	TM-32	6" CAPACITY, TRAILER-MTD	30 HP G	10,290	6.71	0.90	0.99	0.40	2.87	21
	B20CI003	TM-120-G-6	12" CAPACITY, TRAILER-MTD	60 HP G	13,028	11.27	1.13	1.25	0.50	5.75	36
	B20CI004	TM-120-D2	12" CAPACITY, TRAILER-MTD	76 HP D	14,847	7.71	1.29	1.43	0.57	2.74	42
	B20CI005	TM-80-GI	6" CAPACITY, TRAILER-MTD	37 HP G	10,146	7.55	0.88	0.98	0.39	3.54	37
	B20CI006	TM-160-D4	16" CAPACITY, TRAILER-MTD	76 HP D	15,219	7.83	1.33	1.47	0.59	2.74	44
	B20CI007	TM-400-D4	16" CAPACITY ,TWIN-FEED, TRLR-MTD	76 HP D	15,747	7.98	1.37	1.51	0.61	2.74	44

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
B20	BRUSH CHIPPERS									
		VERMEER								
	B20VE001	1600A	6" DIAMETER LOG CAPACITY, TRLR MTD 99 HP G	15,591	16.96	1.35	1.50	0.60	9.49	46
	B20VE002	1250	12" DIAMETER LOG CAPACITY, TRLR MTD 96 HP G	21,197	18.16	1.84	2.04	0.82	9.20	51
B25	BUCKETS, CLAMSHELL									
		ESCO								
	B25ES001	GPS-5R26	.625 CY, GEN. PURPOSE/SQUARE NOSE	13,007	2.79	1.02	1.08	0.48	0.00	28
	B25ES002	GPS-6R32	.750 CY, GEN. PURPOSE/SQUARE NOSE	13,909	2.98	1.09	1.16	0.51	0.00	32
	B25ES003	GPS-7R34	.875 CY, GEN. PURPOSE/SQUARE NOSE	15,341	3.29	1.20	1.28	0.56	0.00	40
	B25ES004	GPS-9R38	1.125 CY, GEN. PURPOSE/SQUARE NOSE	16,490	3.54	1.30	1.38	0.61	0.00	44
	B25ES005	GPS-12R41	1.500 CY, GEN. PURPOSE/SQUARE NOSE	17,679	3.79	1.39	1.47	0.65	0.00	47
	B25ES006	GPS-14R43	1.750 CY, GEN. PURPOSE/SQUARE NOSE	23,693	5.08	1.86	1.98	0.87	0.00	65
	B25ES007	GPS-17R46	2.125 CY, GEN. PURPOSE/SQUARE NOSE	25,998	5.58	2.05	2.17	0.96	0.00	68
	B25ES008	GPS-19R48	2.375 CY, GEN. PURPOSE/SQUARE NOSE	27,450	5.89	2.16	2.29	1.01	0.00	73
	B25ES009	GPS-24R51	3.000 CY, GEN. PURPOSE/SQUARE NOSE	35,745	7.66	2.80	2.98	1.31	0.00	94
	B25ES010	GPS-28R56	3.500 CY, GEN. PURPOSE/SQUARE NOSE	37,848	8.12	2.97	3.16	1.39	0.00	99
	B25ES011	GPS-32R60	4.000 CY, GEN. PURPOSE/SQUARE NOSE	40,987	8.80	3.22	3.42	1.51	0.00	110
	B25ES012	GPS-38R60	4.750 CY, GEN. PURPOSE/SQUARE NOSE	45,104	9.67	3.54	3.76	1.66	0.00	120
	B25ES013	GPS-40R60	5.000 CY, GEN. PURPOSE/SQUARE NOSE	48,841	10.48	3.84	4.07	1.80	0.00	132
	B25ES014	GPS-50R67	6.250 CY, GEN. PURPOSE/SQUARE NOSE	52,020	11.16	4.08	4.34	1.91	0.00	146
	B25ES015	GPS-54R67	6.750 CY, GEN. PURPOSE/SQUARE NOSE	57,218	12.27	4.49	4.77	2.10	0.00	158
	B25ES016	GPS-58R67	7.250 CY, GEN. PURPOSE/SQUARE NOSE	59,485	12.76	4.67	4.96	2.19	0.00	166
	B25ES017	GPS-62R72	7.750 CY, GEN. PURPOSE/SQUARE NOSE	62,690	13.44	4.92	5.23	2.30	0.00	177
	B25ES018	GPS-64R72	8.000 CY, GEN. PURPOSE/SQUARE NOSE	65,743	14.10	5.16	5.48	2.42	0.00	185
	B25ES019	GPS-70R72	8.750 CY, GEN. PURPOSE/SQUARE NOSE	68,213	14.63	5.36	5.69	2.51	0.00	192
	B25ES020	HDS-5R26	.625 CY, HEAVY DUTY/SQUARE NOSE	13,427	2.88	1.05	1.12	0.49	0.00	29
	B25ES021	HDS-6R32	.750 CY, HEAVY DUTY/SQUARE NOSE	14,382	3.09	1.13	1.20	0.53	0.00	33
	B25ES022	HDS-7R34	.875 CY, HEAVY DUTY/SQUARE NOSE	19,695	4.22	1.54	1.64	0.72	0.00	43
	B25ES023	HDS-9R38	1.125 CY, HEAVY DUTY/SQUARE NOSE	20,016	4.30	1.58	1.67	0.74	0.00	49
	B25ES024	HDS-12R41	1.500 CY, HEAVY DUTY/SQUARE NOSE	21,229	4.55	1.67	1.77	0.78	0.00	53
	B25ES025	HDS-14R43	1.750 CY, HEAVY DUTY/SQUARE NOSE	29,025	6.23	2.28	2.42	1.07	0.00	74
	B25ES026	HDS-17R46	2.125 CY, HEAVY DUTY/SQUARE NOSE	30,271	6.48	2.37	2.52	1.11	0.00	78
	B25ES027	HDS-19R48	2.375 CY, HEAVY DUTY/SQUARE NOSE	31,363	6.73	2.46	2.62	1.15	0.00	82

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
B25	BUCKETS, CLAMSHELL									
		ESCO								
	B25ES028	HDS-24R51	3.000 CY, HEAVY DUTY/SQUARE NOSE	39,859	8.55	3.13	3.32	1.47	0.00	104
	B25ES029	HDS-28R56	3.500 CY, HEAVY DUTY/SQUARE NOSE	43,623	9.35	3.42	3.64	1.60	0.00	115
	B25ES030	HDS-32R60	4.000 CY, HEAVY DUTY/SQUARE NOSE	50,150	10.75	3.93	4.18	1.84	0.00	126
	B25ES031	HDS-38R60	4.750 CY, HEAVY DUTY/SQUARE NOSE	53,382	11.44	4.19	4.45	1.96	0.00	137
	B25ES032	HDS-40R60	5.000 CY, HEAVY DUTY/SQUARE NOSE	57,339	12.30	4.50	4.78	2.11	0.00	147
	B25ES033	HDS-50R67	6.250 CY, HEAVY DUTY/SQUARE NOSE	62,827	13.47	4.93	5.24	2.31	0.00	163
	B25ES034	HDS-54R67	6.750 CY, HEAVY DUTY/SQUARE NOSE	66,255	14.22	5.21	5.53	2.44	0.00	172
	B25ES035	HDS-58R67	7.250 CY, HEAVY DUTY/SQUARE NOSE	69,537	14.92	5.46	5.80	2.56	0.00	182
	B25ES036	HDS-62R72	7.750 CY, HEAVY DUTY/SQUARE NOSE	73,234	15.71	5.75	6.11	2.69	0.00	193
	B25ES037	HDS-64R72	8.000 CY, HEAVY DUTY/SQUARE NOSE	76,320	16.38	6.00	6.37	2.81	0.00	201
	B25ES038	HDS-70R72	8.750 CY, HEAVY DUTY/SQUARE NOSE	79,350	17.02	6.23	6.62	2.92	0.00	209
	B25ES039	XDS-5R30	.625 CY, XTRA-HVY DUTY/SQUARE NOSE	16,172	3.47	1.27	1.35	0.59	0.00	36
	B25ES040	XDS-7R34	.875 CY, XTRA-HVY DUTY/SQUARE NOSE	22,345	4.79	1.75	1.86	0.82	0.00	52
	B25ES041	XDS-10R38	1.250 CY, XTRA-HVY DUTY/SQUARE NOSE	23,293	5.00	1.83	1.94	0.86	0.00	58
	B25ES042	XDS-12R41	1.500 CY, XTRA-HVY DUTY/SQUARE NOSE	25,119	5.38	1.97	2.09	0.92	0.00	63
	B25ES043	XDS-14R43	1.750 CY, XTRA-HVY DUTY/SQUARE NOSE	33,022	7.07	2.59	2.75	1.21	0.00	85
	B25ES044	XDS-17R46	2.125 CY, XTRA-HVY DUTY/SQUARE NOSE	35,749	7.66	2.80	2.98	1.31	0.00	92
	B25ES045	XDS-19R48	2.375 CY, XTRA-HVY DUTY/SQUARE NOSE	40,222	8.62	3.16	3.35	1.48	0.00	103
	B25ES046	XDS-24R51	3.000 CY, XTRA-HVY DUTY/SQUARE NOSE	45,192	9.69	3.55	3.77	1.66	0.00	121
	B25ES047	XDS-30R56	3.750 CY, XTRA-HVY DUTY/SQUARE NOSE	50,364	10.80	3.95	4.20	1.85	0.00	135
	B25ES048	XDS-32R60	4.000 CY, XTRA-HVY DUTY/SQUARE NOSE	55,501	11.90	4.36	4.63	2.04	0.00	149
	B25ES049	XDS-38R60	4.750 CY, XTRA-HVY DUTY/SQUARE NOSE	58,810	12.61	4.61	4.90	2.16	0.00	158
	B25ES050	XDS-40R60	5.000 CY, XTRA-HVY DUTY/SQUARE NOSE	61,211	13.12	4.80	5.10	2.25	0.00	168
	B25ES051	XDS-50R67	6.250 CY, XTRA-HVY DUTY/SQUARE NOSE	66,143	14.19	5.19	5.52	2.43	0.00	181
	B25ES052	XDS-54R67	6.750 CY, XTRA-HVY DUTY/SQUARE NOSE	70,083	15.03	5.50	5.84	2.58	0.00	193
	B25ES053	XDS-58R67	7.250 CY, XTRA-HVY DUTY/SQUARE NOSE	73,681	15.80	5.78	6.14	2.71	0.00	203
	B25ES054	XDS-62R72	7.750 CY, XTRA-HVY DUTY/SQUARE NOSE	78,418	16.81	6.15	6.54	2.88	0.00	220
	B25ES055	XDS-64R72	8.000 CY, XTRA-HVY DUTY/SQUARE NOSE	81,135	17.40	6.37	6.77	2.98	0.00	223
	B25ES056	XDS-70R72	8.750 CY, XTRA-HVY DUTY/SQUARE NOSE	84,485	18.13	6.64	7.05	3.11	0.00	241
B30	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) AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
B30	BUCKETS, CONCRETE									
	.10 GENERAL PURPOSE, MANUAL									
		GAR-BRO								
	B30GB001	433-G	1.000 CY BUCKET	2,045	0.43	0.16	0.16	0.08	0.00	6
	B30GB002	442-G	1.500 CY BUCKET	2,748	0.57	0.21	0.21	0.10	0.00	8
	B30GB003	462-G	2.000 CY BUCKET	3,347	0.71	0.26	0.26	0.13	0.00	11
	B30GB004	493-G	3.000 CY BUCKET	4,797	1.00	0.37	0.37	0.18	0.00	19
	B30GB005	4123-G	4.000 CY BUCKET	5,971	1.26	0.47	0.47	0.23	0.00	23
	.20 LAYDOWN									
		GAR-BRO								
	B30GB006	425-A	1.000 CY BUCKET, HVY DUTY, AIR GATE	9,709	2.11	0.75	0.76	0.37	0.00	26
	B30GB007	465-A	2.000 CY BUCKET, HVY DUTY, AIR GATE	11,049	2.40	0.85	0.86	0.42	0.00	31
	B30GB008	495-A	3.000 CY BUCKET, HVY DUTY, AIR GATE	12,733	2.77	0.99	0.99	0.49	0.00	40
	B30GB009	4125-A	4.000 CY BUCKET, HVY DUTY, AIR GATE	14,347	3.12	1.11	1.12	0.55	0.00	51
	B30GB010	4155-A	5.000 CY BUCKET, HVY DUTY, AIR GATE	17,244	3.74	1.33	1.34	0.66	0.00	73
	.30 LOWBOY									
		CAMLEVER								
	B30CR001	LB-375	.375 CY BUCKET, AIR OPERATED GATE	3,112	0.70	0.24	0.24	0.12	0.00	2
	B30CR002	LB-050	.500 CY BUCKET, AIR OPERATED GATE	3,245	0.72	0.25	0.25	0.12	0.00	2
	B30CR003	LB-075	.750 CY BUCKET, AIR OPERATED GATE	3,632	0.81	0.28	0.28	0.14	0.00	3
	B30CR004	LB-100	1.000 CY BUCKET, AIR OPERATED GATE	3,805	0.86	0.30	0.30	0.15	0.00	5
	B30CR005	LB-150	1.500 CY BUCKET, AIR OPERATED GATE	4,499	1.01	0.35	0.35	0.17	0.00	6
	B30CR006	LB-200	2.000 CY BUCKET, AIR OPERATED CATE	5,325	1.18	0.41	0.41	0.20	0.00	8
	B30CR007	LB-300	3.000 CY BUCKET, AIR OPERATED GATE	6,728	1.51	0.52	0.52	0.26	0.00	12
	B30CR008	LB-400	4.000 CY BUCKET, AIR OPERATED GATE	7,839	1.76	0.61	0.61	0.30	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 ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
B30	BUCKETS, CONCRETE									
	.40 LOW SLUMP									
		GAR-BRO								
	B30GB011	440-A	1.000 CY BUCKET, AIR OPERATED GATE	8,492	1.90	0.65	0.66	0.32	0.00	19
	B30GB012	450-A	1.500 CY BUCKET, AIR OPERATED GATE	8,834	1.98	0.69	0.69	0.34	0.00	21
	B30GB013	460-A	2.000 CY BUCKET, AIR OPERATED GATE	9,186	2.06	0.71	0.72	0.35	0.00	23
	B30GB014	493-A	3.000 CY BUCKET, AIR OPERATED GATE	12,592	2.82	0.97	0.98	0.48	0.00	49
	B30GB015	4139-A	4.000 CY BUCKET, AIR OPERATED GATE	13,051	2.93	1.01	1.02	0.50	0.00	52
	B30GB016	4200-A	6.000 CY BUCKET, AIR OPERATED GATE	18,978	4.25	1.46	1.48	0.72	0.00	78
	B30GB017	4250-A	8.000 CY BUCKET, AIR OPERATED GATE	22,651	5.06	1.74	1.76	0.86	0.00	90
B35	BUCKETS, DRAGLINE									
	.10 LIGHT WEIGHT									
		HENDRIX								
	B35HE001	LS	.75 CY BUCKET,LIGHT WT/PERFORATED	4,714	1.23	0.43	0.49	0.18	0.00	15
	B35HE002	LS	1.0 CY BUCKET,LIGHT WT/PERFORATED	5,602	1.45	0.50	0.58	0.21	0.00	18
	B35HE003	LS	1.5 CY BUCKET,LIGHT WT/PERFORATED	6,942	1.80	0.62	0.72	0.26	0.00	26
	B35HE004	LS	2.0 CY BUCKET,LIGHT WT/PERFORATED	8,229	2.14	0.74	0.86	0.31	0.00	32
	B35HE005	LS	2.5 CY BUCKET,LIGHT WT/PERFORATED	9,651	2.51	0.87	1.01	0.36	0.00	37
	B35HE006	LS	3.0 CY BUCKET,LIGHT WT/PERFORATED	11,909	3.09	1.07	1.24	0.45	0.00	46
	B35HE007	LS	3.5 CY BUCKET,LIGHT WT/PERFORATED	13,148	3.41	1.18	1.37	0.49	0.00	50
	B35HE008	LS	4.0 CY BUCKET,LIGHT WT/PERFORATED	16,125	4.18	1.44	1.68	0.60	0.00	65
	B35HE009	LS	4.5 CY BUCKET,LIGHT WT/PERFORATED	16,785	4.36	1.51	1.75	0.63	0.00	69
	B35HE010	LS	5.0 CY BUCKET,LIGHT WT/PERFORATED	20,710	5.38	1.86	2.16	0.78	0.00	85
	B35HE011	LS	6.0 CY BUCKET,LIGHT WT/PERFORATED	22,389	5.81	2.01	2.33	0.84	0.00	90
	B35HE012	LS	7.0 CY BUCKET,LIGHT WT/PERFORATED	23,944	6.22	2.15	2.50	0.90	0.00	101
	B35HE013	LS	8.0 CY BUCKET,LIGHT WT/PERFORATED	27,214	7.07	2.44	2.84	1.02	0.00	112
	B35HE014	LS	9.0 CY BUCKET,LIGHT WT/PERFORATED	31,393	8.15	2.82	3.27	1.18	0.00	128
	B35HE015	LS	10.0 CY BUCKET,LIGHT WT/PERFORATED	34,119	8.86	3.06	3.56	1.28	0.00	139
	B35HE016	LS	12.0 CY BUCKET,LIGHT WT/PERFORATED	41,817	10.86	3.75	4.36	1.57	0.00	166
	B35HE017	LS	14.0 CY BUCKET,LIGHT WT/PERFORATED	48,081	12.48	4.31	5.01	1.80	0.00	191
		SAUERMAN								
	B35SA001	SC-1050-K	1.0 CY BUCKET,L WT,CRECENT SCRAPER	11,363	2.95	1.02	1.18	0.43	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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
B35	BUCKETS, DRAGLINE									
	.10 LIGHT WEIGHT									
		SAUERMAN								
	B35SA002	SC-1060-K	1.5 CY BUCKET,L WT,CRECENT SCRAPER	13,675	3.55	1.23	1.43	0.51	0.00	20
	B35SA003	SC-1070-K	2.0 CY BUCKET,L WT,CRECENT SCRAPER	17,054	4.43	1.53	1.78	0.64	0.00	25
	B35SA004	SC-1090-K	3.0 CY BUCKET,L WT,CRECENT SCRAPER	25,272	6.56	2.27	2.63	0.95	0.00	36
	B35SA005	SC-1100-K	4.0 CY BUCKET,L WT,CRECENT SCRAPER	30,753	7.98	2.76	3.21	1.15	0.00	49
	B35SA006	SC-1110-K	5.0 CY BUCKET,L WT,CRECENT SCRAPER	36,797	9.56	3.30	3.84	1.38	0.00	58
	B35SA007	SC-1120-K	6.0 CY BUCKET,L WT,CRECENT SCRAPER	40,448	10.51	3.63	4.22	1.52	0.00	68
	B35SA008	SC-1130-K	8.0 CY BUCKET,L WT,CRECENT SCRAPER	49,016	12.73	4.40	5.11	1.84	0.00	88
	B35SA009	SC-1140-K	10.0 CY BUCKET,L WT,CRECENT SCRAPER	58,094	15.09	5.21	6.06	2.18	0.00	106
	B35SA010	SC-1150-K	12.0 CY BUCKET,L WT,CRECENT SCRAPER	71,629	18.59	6.42	7.47	2.68	0.00	132
	.20 MEDIUM WEIGHT									
		HENDRIX								
	B35HE018	TS	.75 CY BUCKET, MEDIUM WEIGHT	5,167	1.21	0.43	0.48	0.19	0.00	17
	B35HE019	TS	1.0 CY BUCKET, MEDIUM WEIGHT	6,303	1.47	0.52	0.58	0.23	0.00	19
	B35HE020	TS	1.5 CY BUCKET, MEDIUM WEIGHT	7,889	1.85	0.66	0.73	0.29	0.00	28
	B35HE021	TS	2.0 CY BUCKET, MEDIUM WEIGHT	9,472	2.22	0.79	0.88	0.35	0.00	36
	B35HE022	TS	2.5 CY BUCKET, MEDIUM WEIGHT	10,907	2.55	0.91	1.01	0.40	0.00	41
	B35HE023	TS	3.0 CY BUCKET, MEDIUM WEIGHT	13,035	3.06	1.09	1.21	0.48	0.00	49
	B35HE024	TS	3.5 CY BUCKET, MEDIUM WEIGHT	14,397	3.37	1.20	1.33	0.53	0.00	54
	B35HE025	TS	4.0 CY BUCKET, MEDIUM WEIGHT	17,416	4.08	1.46	1.61	0.65	0.00	70
	B35HE026	TS	4.5 CY BUCKET, MEDIUM WEIGHT	18,551	4.35	1.55	1.72	0.69	0.00	72
	B35HE027	TS	5.0 CY BUCKET, MEDIUM WEIGHT	23,797	5.58	1.99	2.21	0.88	0.00	93
	B35HE028	TS	6.0 CY BUCKET, MEDIUM WEIGHT	24,585	5.77	2.05	2.28	0.91	0.00	96
	B35HE029	TS	7.0 CY BUCKET, MEDIUM WEIGHT	28,102	6.58	2.34	2.60	1.04	0.00	111
	B35HE030	TS	8.0 CY BUCKET, MEDIUM WEIGHT	30,934	7.26	2.59	2.87	1.15	0.00	122
	B35HE031	TS	9.0 CY BUCKET, MEDIUM WEIGHT	37,105	8.70	3.09	3.44	1.37	0.00	149
	B35HE032	TS	10.0 CY BUCKET, MEDIUM WEIGHT	39,525	9.26	3.29	3.66	1.46	0.00	159
	B35HE033	TS	12.0 CY BUCKET, MEDIUM WEIGHT	50,358	11.82	4.21	4.67	1.87	0.00	202
	B35HE034	TS	14.0 CY BUCKET, MEDIUM WEIGHT	58,283	13.67	4.86	5.40	2.16	0.00	225
	.30 HEAVY WEIGHT									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES ($/HR) AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
B35	BUCKETS, DRAGLINE										
	.30 HEAVY WEIGHT										
		HENDRIX									
	B35HE035	MH-S	2.75 CY BUCKET, HEAVY WEIGHT		20,666	4.43	1.62	1.72	0.76	0.00	69
	B35HE036	MH-S	3.0 CY BUCKET, HEAVY WEIGHT		21,497	4.61	1.69	1.79	0.79	0.00	72
	B35HE037	MH-S	3.5 CY BUCKET, HEAVY WEIGHT		24,082	5.17	1.90	2.01	0.89	0.00	81
	B35HE038	MH-S	4.0 CY BUCKET, HEAVY WEIGHT		32,250	6.92	2.54	2.69	1.19	0.00	110
	B35HE039	MH-S	4.5 CY BUCKET, HEAVY WEIGHT		36,057	7.74	2.84	3.01	1.33	0.00	123
	B35HE040	MH-S	5.0 CY BUCKET, HEAVY WEIGHT		37,234	7.99	2.93	3.11	1.37	0.00	127
	B35HE041	MH-S	6.0 CY BUCKET, HEAVY WEIGHT		39,874	8.56	3.14	3.33	1.47	0.00	136
	B35HE042	MH-S	7.0 CY BUCKET, HEAVY WEIGHT		52,964	11.36	4.16	4.42	1.95	0.00	175
	B35HE043	MH-S	8.0 CY BUCKET, HEAVY WEIGHT		52,190	11.19	4.10	4.35	1.92	0.00	180
	B35HE044	MH-S	9.0 CY BUCKET, HEAVY WEIGHT		66,505	14.26	5.22	5.55	2.44	0.00	234
	B35HE045	MH-S	10.0 CY BUCKET, HEAVY WEIGHT		68,284	14.64	5.36	5.69	2.51	0.00	243
	B35HE046	MH-S	12.0 CY BUCKET, HEAVY WEIGHT		81,211	17.42	6.38	6.77	2.99	0.00	289
	B35HE047	MH-S	14.0 CY BUCKET, HEAVY WEIGHT		84,534	18.13	6.64	7.05	3.11	0.00	309
C05	CHAIN SAWS										
		HOMELITE									
	C05HO001	XL925	CHAINSAW - 31" BAR	3 HP G	758	1.84	0.11	0.16	0.03	0.40	1
C10	COMPACTORS, MANUALLY OPERATED										
		BOMAG									
	C10BO001	BT 58	VIBRATORY TAMPER, 9" RAMMER	3 HP G	2,557	1.81	0.30	0.40	0.10	0.40	1
	C10BO002	BT 68	VIBRATORY TAMPER, 11" RAMMER	3 HP G	3,072	2.07	0.36	0.48	0.12	0.40	2
	C10BO003	BP 10/36	VIBRATORY PLATE, WITH 14.2" PLATE	4 HP G	1,488	1.42	0.18	0.23	0.06	0.53	2
	C10BO004	BP 15/45	VIBRATORY PLATE, WITH 17.7" PLATE	4 HP G	1,871	1.62	0.23	0.29	0.08	0.53	2
	C10BO005	BP 20/48D	VIBRATORY PLATE, WITH 18.9" PLATE	4 HP D	4,134	2.38	0.50	0.65	0.17	0.20	4
	C10BO006	BPR 30/38	VIB REVERSIBLE PLATE, W/15" PLATE	5 HP G	5,850	3.83	0.70	0.92	0.24	0.66	4
	C10BO007	BPR 30/38D	VIB REVERSIBLE PLATE, W/15" PLATE	5 HP D	6,993	3.90	0.83	1.10	0.28	0.25	4
	C10BO008	BPR 50/55D	VIB REVERSIBLE PLATE, W/31.5" PLATE	7 HP D	10,583	5.86	1.26	1.66	0.43	0.35	9

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C10	COMPACTORS, MANUALLY OPERATED										
		BOMAG									
	C10BO009	BW 55E	SINGLE DRUM, 22.1" WIDE, WALK-BEHIND	5 HP D	9,671	5.28	1.15	1.52	0.39	0.25	4
	C10BO010	BW 35	DOUBLE DRUM, 15.4" WIDE, WALK-BEHIND	4 HP D	12,548	6.70	1.50	1.97	0.51	0.20	11
	C10BO011	BW 60S	DOUBLE DRUM, 23.6" WIDE	8 HP D	15,732	8.58	1.88	2.47	0.64	0.40	18
	C10BO012	BW 90S	DOUBLE DRUM, 35.5" WIDE	13 HP D	19,934	11.05	2.38	3.13	0.81	0.65	29
		HOMELITE									
	C10HO001	HR65	RAMMER, 11" X 13" PLATE	4 HP G	2,483	1.93	0.30	0.39	0.10	0.53	2
	C10HO002	HR80	RAMMER, 12" X 13" PLATE	4 HP G	2,786	2.09	0.33	0.44	0.11	0.53	2
	C10HO003	HCP120	VIBRO PLATE, 23" X 22" PLATE	5 HP G	2,518	2.11	0.30	0.39	0.10	0.66	3
		WACKER									
	C10WC001	BS 45Y	RAMMER, VIBRATORY, 10" X 13" SHOE	4 HP G	2,213	1.80	0.27	0.35	0.09	0.53	1
	C10WC002	GVR 151Y	RAMMER, VIBRATORY, 11" X 13" SHOE	4 HP G	2,896	2.15	0.35	0.45	0.12	0.53	2
	C10WC003	BS 65Y	RAMMER, VIBRATORY, 13" X 11" SHOE	4 HP G	3,794	2.60	0.45	0.59	0.15	0.53	2
	C10WC004	BS 105Y	RAMMER, VIBRATORY, 16" X 15" SHOE	4 HP G	4,494	2.96	0.53	0.70	0.18	0.53	2
	C10WC005	VPG 160B	VIBRO PLATE, 21" X 24" BASE PLATE	4 HP G	1,678	1.52	0.20	0.26	0.07	0.53	2
	C10WC006	BPS 2550 K	VIBRO PLATE,19.5" X 25.5"BASE PLATE	7 HP G	2,931	2.66	0.35	0.46	0.12	0.93	3
	C10WC007	BPU 3345R	VIBRO PLATE,23.5" X 35.5"BASE PLATE	7 HP G	8,152	5.34	0.97	1.28	0.33	0.93	7
	C10WC008	DPU 3345H	VIBRO PLATE,23.5" X 35.5"BASE PLATE	6 HP D	12,574	6.82	1.50	1.97	0.51	0.30	7
	C10WC009	DPU 6760	VIBRO PLATE,31.5" X 42" BASE PLATE	14 HP D	23,943	13.16	2.85	3.75	0.97	0.70	13
	C10WC010	RSS 800A	28.3" WIDE X 22" DIA. VIB ROLLER SINGLE DRUM, WALK-BEHIND	11 HP G	10,429	7.17	1.24	1.64	0.42	1.46	11
	C10WC011	W 55 T	29.5" WIDE X 17.3 DIA. VIB ROLLER DOUBLE DRUM, WALK-BEHIND	8 HP D	15,020	8.22	1.79	2.36	0.61	0.40	17
	C10WC012	W 74 T	29.5" WIDE X 17.3 DIA. VIB ROLLER DOUBLE DRUM, WALK-BEHIND	8 HP D	17,099	9.28	2.04	2.68	0.70	0.40	19
	C10WC013	WDH 86-110(PAD)	34" WIDE X 20.5 DIA. VIB ROLLER HYDRAULIC, DOUBLE DRUM, WALK-BEHIND	12 HP D	34,213	18.30	4.07	5.36	1.39	0.60	28
C15	CONCRETE BLASTERS										
		BLASTRAC									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
C15	CONCRETE BLASTERS										
		BLASTRAC									
	C15BL001	1-8D & SHOP VAC	8" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECTOR (ADD 4KVA GEN)		7,308	3.18	0.77	0.95	0.29	0.00	2
	C15BL002	1-8DP & 100-DC	8" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECTOR (ADD 5KVA GEN)		14,109	5.89	1.48	1.84	0.56	0.00	4
	C15BL003	1-10D & 654-DC	10" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 30 KVA GEN)		28,700	12.06	3.02	3.75	1.14	0.00	16
	C15BL004	1-15D & 654-DC	15" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 30 KVA GEN)		40,432	16.63	4.25	5.28	1.61	0.00	17
	C15BL005	1-20D & 854-DC	20" PATH, BLAST CLEANING SYS, PORT INCLS DUST COLLECT (ADD 75 KVA GEN)		52,269	21.23	5.50	6.83	2.08	0.00	30
C20	CONCRETE BUGGIES										
		AEROIL PRODUCTS									
	C20AE001	BUFFALO 800	WALK-BEHIND W/DUMP HOPPER, 800# CAP	5 HP G	2,527	1.64	0.30	0.40	0.10	0.51	3
		MULTIQUIP									
	C20MU001	WBH-12	12 CF BUCKET, WALK & RIDE	8 HP G	6,584	3.54	0.75	0.95	0.27	0.82	18
	C20MU002	WBH-16E	16 CF BUCKET, WALK & RIDE	11 HP G	8,181	4.55	0.93	1.20	0.33	1.13	26
C25	CONCRETE FINISHERS										
		STOW									
	C25ST001	36-H-804	ROTO-TROWEL - 36", 4-BLADED	8 HP G	1,790	1.81	0.21	0.28	0.07	0.82	2
	C25ST002	46-H-804	ROTO-TROWEL - 46", 4-BLADED	8 HP G	1,932	1.87	0.23	0.30	0.08	0.82	2
		WACKER									
	C25WC001	CT36A	POWER TROWEL, 36" DIAMETER	5 HP G	1,683	1.35	0.20	0.26	0.07	0.51	2

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C25	CONCRETE FINISHERS										
		WACKER									
	C25WC002	CT48A	POWER TROWEL, 48" DIAMETER	8 HP G	2,252	1.99	0.27	0.35	0.09	0.82	3
C35	CONCRETE GUNITERS/SHOTCRETERS										
		ALLENTOWN									
	C35AL001	R-450	BATCH MIXER FOR PNEUM GUN N-1, N-2 OR GR-600; 4-5 TON/HR. INCLUDES TRAILER, HOPPER & FEEDER. (ADD 365 CFM COMPRESSOR)	12 HP G	17,751	7.53	1.70	2.06	0.67	1.34	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	21,370	9.84	2.02	2.42	0.81	2.23	47
	C35AL003	GR-600	ROTARY GUN 1-6 CY/HR INCL. 1-1/2" HOSE, (ADD COMPRESSOR)	550 CFM A	10,659	3.62	1.01	1.21	0.40	0.00	8
	C35AL004	GR-1200	ROTARY GUN 4-12 CY/HR INCL. 1-1/2" HOSE, (ADD COMPRESSOR)	770 CFM A	21,954	7.46	2.13	2.59	0.83	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	24,735	9.04	2.41	2.93	0.94	0.76	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	27,586	9.96	2.68	3.27	1.04	0.76	87
	C35AL007	N-1	PNEUMATIC GUN, 4 CY/HR (ADD 1-1/4" HOSE & COMPRESSOR)	450 CFM A	13,169	4.56	1.29	1.58	0.50	0.00	12
	C35AL008	N-2	PNEUMATIC GUN, 6-8 CY/HR (ADD 1-1/2" HOSE AND COMPRESSOR)	600 CFM A	14,235	4.95	1.39	1.70	0.54	0.00	12
	C35AL009	N-3	PNEUMATIC GUN, 8-10 CY/HR (ADD 2" HOSE AND COMPRESSOR)	900 CFM A	15,693	5.53	1.53	1.88	0.59	0.00	13
	C35AL010	MODEL 30H	SHOTCRETE & CONCRETE PUMP 30 CY/HR, 950 PSI	40 HP D	38,240	14.64	3.73	4.55	1.45	1.68	25
	C35AL011	MODEL 40	SHOTCRETE & CONCRETE PUMP 40 CY/HR, 950 PSI	67 HP D	43,568	17.83	4.25	5.19	1.65	2.81	45

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C40	CONCRETE MIXERS										
		STOW									
	C40ST001	CM4	4 C.F., PORTABLE	1 HP E	1,702	0.99	0.21	0.27	0.07	0.06	5
	C40ST002	CM4	4 C.F., PORTABLE	5 HP G	1,819	1.41	0.22	0.29	0.07	0.51	4
	C40ST003	CM6	6 C.F., PORTABLE	1 HP E	2,614	1.41	0.32	0.41	0.11	0.06	7
	C40ST004	CM6	6 C.F., PORTABLE	8 HP G	2,928	2.28	0.35	0.46	0.12	0.82	7
	C40ST005	CM9	9 C.F., PORTABLE	2 HP E	3,298	1.81	0.39	0.52	0.13	0.11	8
	C40ST006	CM9	9 C.F., PORTABLE	8 HP G	3,390	2.46	0.41	0.53	0.14	0.82	8
C45	CONCRETE PAVING MACHINES										
		CATERPILLAR									
	C45CA001	SF-175	SLIPFORM PAVER, 4 TRACK CRAWLER CURBS, MEDIANS, AND SIDEWALKS	142 HP D	172,994	50.15	13.38	13.63	6.56	5.96	273
	C45CA002	SF-250B	26' WIDE SLIPFORM PAVER 0-80 FT/MIN, CRAWLER MTD.	208 HP D	278,559	79.67	21.55	21.95	10.57	8.74	540
	C45CA003	SF-350 SER II	24' WIDE SLIPFORM PAVER 0-60 FT/MIN, CRAWLER MTD.	250 HP D	473,927	129.95	36.66	37.35	17.98	10.50	960
	C45CA004	SF - 550	24' WIDE SLIPFORM PAVER 0-60 FT/MIN, CRAWLER MTD.	400 HP D	561,235	159.48	43.41	44.23	21.29	16.80	1,150
		GOMACO									
	C45GO001	C-650-F	24' WIDE SLIPFORM PAVER, WITH 4' FINISHING CYLINDERS	45 HP G	37,969	15.97	2.93	2.97	1.44	5.02	91
	C45GO002	C-650-S	24' WIDE SLIPFORM PAVER, WITH 4' FINISHING CYLINDERS, CRAWLER MTD	45 HP G	65,380	22.70	5.06	5.15	2.48	5.02	126
	C45GO003	GP-1500	12' WIDE SLIPFORM PAVER 0-51 FT/MIN, CRAWLER MTD	107 HP D	135,840	39.14	10.50	10.70	5.15	4.49	280
	C45GO004	GP-2000	16' WIDE SLIPFORM PAVER 0-38 FT/MIN, CRAWLER MTD	185 HP D	182,192	54.74	14.09	14.36	6.91	7.77	340
	C45GO005	GP-2500	25' WIDE SLIPFORM PAVER 0-39 FT/MIN, CRAWLER MTD	265 HP D	244,281	74.31	18.90	19.25	9.27	11.13	500
	C45GO006	GP-3500	42' SLIPFORM PAVER, 2 TRACK CRAWLER	234 HP D	387,682	107.88	29.98	30.55	14.70	9.83	900
	C45GO007	GP-3500	42' SLIPFORM PAVER, 4 TRACK CRAWLER	234 HP D	453,726	124.12	35.09	35.75	17.21	9.83	1,150

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C45	CONCRETE PAVING MACHINES										
		GOMACO									
	C45GO008	GP-5000	50' SLIPFORM PAVER, 2 TRACK CRAWLER	454 HP D	568,600	164.20	43.98	44.81	21.57	19.07	1,320
	C45GO009	GP-5000	50' SLIPFORM PAVER, 4 TRACK CRAWLER	454 HP D	646,135	183.26	49.97	50.92	24.51	19.07	1,500
C55	CONCRETE PUMPS										
		MORGEN									
	C55MO001	MUSTANG 25	25 CY/HOUR, TRAILER MOUNTED	30 HP G	21,013	11.97	1.87	2.18	0.78	4.20	29
	C55MO002	MUSTANG 40	40 CY/HOUR, TRAILER MOUNTED	73 HP D	37,532	16.44	3.36	3.91	1.40	3.87	43
	C55MO003	MUSTANG 50	50 CY/HOUR, TRAILER MOUNTED	110 HP D	44,320	21.04	3.97	4.62	1.66	5.83	48
	C55MO004	MUSTANG 65	65 CY/HOUR, TRAILER MOUNTED	110 HP D	46,959	21.84	4.20	4.90	1.75	5.83	49
	C55MO005	80N	80 CY/HOUR, TRAILER MOUNTED	160 HP D	106,003	43.28	9.45	10.97	3.96	8.48	120
	C55MO006	100N	100 CY/HOUR, TRAILER MOUNTED	210 HP D	117,876	50.31	10.51	12.21	4.40	11.13	125
	C55MO007	211-900/211-893	72' VERTICAL BOOM, 60 CY/HR WITH 23,100 GVW TRUCK	210 HP D	178,548	68.99	15.93	18.51	6.67	11.13	300
			(WITH CARRIER ENGINE)	270 HP D							
	C55MO008	211-900/208-850	72' VERTICAL BOOM, 90 CY/HR WITH 23,100 GVW TRUCK	210 HP D	202,998	76.50	18.05	20.94	7.58	11.13	300
			(WITH CARRIER ENGINE)	270 HP D							
	C55MO009	209-930/208-755	92' VERTICAL BOOM, 115 CY/HR WITH 41,300 GVW TRUCK	270 HP D	256,448	96.95	22.85	26.53	9.58	14.31	350
			(WITH CARRIER ENGINE)	270 HP D							
	C55MO010	209-930/205-494	92' VERTICAL BOOM, 140 CY/HR WITH 41,300 GVW TRUCK	270 HP D	267,547	100.36	23.84	27.70	9.99	14.31	360
			(WITH CARRIER ENGINE)	270 HP D							
	C55MO011	204-705/208-755	105' VERTICAL BOOM, 115 CY/HR WITH 41,300 GVW TRUCK	270 HP D	281,741	104.70	25.11	29.18	10.52	14.31	350
			(WITH CARRIER ENGINE)	270 HP D							
	C55MO012	204-705/205-494	105' VERTICAL BOOM, 140 CY/HR WITH 41,300 GVW TRUCK	270 HP D	292,524	108.01	26.08	30.31	10.92	14.31	360
			(WITH CARRIER ENGINE)	270 HP D							
		SCHWING AMERICA									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C55	CONCRETE PUMPS										
		SCHWING AMERICA									
	C55SC001	BPA 750	69 CY/HR, 859 PSI, TRAILER MTD	68 HP D	54,296	21.25	4.86	5.66	2.03	3.60	57
	C55SC002	BPA 2000-20R	117 CY/HR, 1,565 PSI, TRAILER MTD	177 HP D	123,716	49.88	11.04	12.84	4.62	9.38	115
	C55SC003	BP 3001-18R	103 CY/HR, 2,098 PSI, TRAILER MTD	213 HP D	174,882	68.00	15.63	18.20	6.53	11.29	140
	C55SC004	BP 5000-18	137 CY/HR, 2,098 PSI, TRAILER MTD	354 HP D	222,549	92.20	19.94	23.25	8.31	18.76	180
	C55SC005	BPL 900/KVM 23	75' BOOM, 117 CY/HR, TRUCK MTD 1,565 PSI, WITH TRUCK	210 HP D	218,956	86.52	19.45	22.53	8.18	15.14	359
	C55SC006	BPL 900/KVM 28	92' BOOM, 117 CY/HR, TRUCK MTD 1,565 PSI, WITH TRUCK	210 HP D	289,992	108.29	25.81	29.95	10.83	15.14	470
	C55SC007	BPL 1200/KVM 32	105' BOOM, 171 CY/HR, TRUCK MTD 1,285 PSI, WITH TRUCK	230 HP D	346,999	127.62	30.85	35.78	12.96	16.58	480
	C55SC008	BPL 1200/KVM 36	118' BOOM, 171 CY/HR, TRUCK MTD 1,285 PSI, WITH TRUCK	230 HP D	432,300	153.77	38.49	44.70	16.14	16.58	620
	C55SC009	BPL 1200/KVM 42	138' BOOM, 196 CY/HR, TRUCK MTD 1,184 PSI, WITH TRUCK	350 HP D	554,417	202.28	49.45	57.49	20.70	25.23	730
C60	CONCRETE SAWS (sawblade wear not included)										
		FELKER/DRESSER									
	C60FE001	FC12	4" DEPTH OF CUT, 12" BLADE,HANDHELD	1 HP G	951	0.54	0.10	0.12	0.04	0.13	1
	C60FE002	FC14	5" DEPTH OF CUT, 14" BLADE,HANDHELD	2 HP G	1,156	0.81	0.13	0.15	0.05	0.27	1
	C60FE003	11HDCC	4-5/8" DEPTH/CUT, 14" BLADE,COMPACT	11 HP G	2,875	3.05	0.30	0.38	0.11	1.46	3
	C60FE004	200KMRA-14	4-5/8" DEPTH/CUT, 14"BLADE,MIDRANGE	20 HP G	5,958	5.84	0.63	0.78	0.24	2.66	6
	C60FE005	200KMRA-18	6-5/8" DEPTH/CUT, 18"BLADE,MIDRANGE	20 HP G	6,050	5.87	0.64	0.79	0.24	2.66	6
		HOMELITE									
	C60HO001	HWS814	5" DEPTH OF CUT, WALK-BEHIND	8 HP G	1,679	2.06	0.18	0.22	0.07	1.06	2
	C60HO002	HWS1414	5-3/4" DEPTH OF CUT, WALK-BEHIND	14 HP G	2,117	3.28	0.22	0.28	0.08	1.86	3
		LONGYEAR									
	C60LY001	360-10HM	WALL SAW, 1700 PSI	10 HP G	11,260	6.15	1.19	1.47	0.45	1.33	2
	C60LY002	360-35HM	WALL SAW, 2500 PSI	35 HP G	12,486	11.01	1.32	1.63	0.50	4.65	2

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C60	CONCRETE SAWS (sawblade wear not included)										
		LONGYEAR									
	C60LY003	800WR	5" DEPTH OF CUT, WALK-BEHIND	8 HP G	1,403	1.95	0.15	0.18	0.06	1.06	2
	C60LY004	815WR	5" DEPTH OF CUT, WALK-BEHIND	11 HP G	1,755	2.62	0.19	0.23	0.07	1.46	2
	C60LY005	815WR	7" DEPTH OF CUT, WALK-BEHIND	11 HP G	1,785	2.62	0.19	0.23	0.07	1.46	2
	C60LY006	815EH	5" DEPTH OF CUT, WALK-BEHIND	5 HP E	1,931	1.27	0.21	0.25	0.08	0.36	2
	C60LY007	1800W	5" DEPTH OF CUT, WALK-BEHIND	18 HP G	6,612	5.73	0.69	0.86	0.26	2.39	8
	C60LY008	3535W	5" DEPTH OF CUT, WALK-BEHIND	35 HP G	8,116	9.30	0.85	1.06	0.32	4.65	9
	C60LY009	6530-48	21" DEPTH OF CUT, WALK-BEHIND	65 HP G	15,236	17.35	1.61	1.99	0.61	8.64	13
C65	CONCRETE VIBRATORS										
		MASTER									
	C65MS001	A-25010	2.5" DIA. HEAD (ADD COMPRESSOR)	40 CFM A	967	1.09	0.14	0.19	0.04	0.00	1
	C65MS002	A-30010	3.0" DIA. HEAD (ADD COMPRESSOR)	64 CFM A	1,227	1.39	0.17	0.24	0.05	0.00	1
	C65MS003	A-35010	3.5" DIA. HEAD (ADD COMPRESSOR)	82 CFM A	1,358	1.56	0.20	0.27	0.06	0.00	1
	C65MS004	A-450SH	4.5" DIA. HEAD (ADD COMPRESSOR)	110 CFM A	1,509	1.75	0.21	0.30	0.06	0.00	1
	C65MS005	A-600SH	6.0" DIA. HEAD (ADD COMPRESSOR)	125 CFM A	2,334	2.65	0.33	0.46	0.10	0.00	1
		WACKER									
	C65WC001	IRE 57/240/180	HI-FREQ INTERNAL,2-1/4"HD(ADD GEN)	1 HP E	1,400	1.70	0.20	0.27	0.06	0.05	1
	C65WC002	IRE 65/240/180	HI-FREQ INTERNAL,2-1/2"HD(ADD GEN)	2 HP E	1,476	1.87	0.21	0.29	0.06	0.10	1
C75	CRANES, HYDRAULIC, SELF-PROP.										
		BADGER									
	C75BA001	4445	45 TON, ROUGH TERRAIN, 4WD	197 HP D	295,584	63.15	19.09	16.90	10.64	8.27	770
	C75BA002	4455	55 TON ROUGH TERRAIN, 4WD	197 HP D	338,763	71.24	21.78	19.15	12.20	8.27	788
		BRODERSON									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C75	CRANES, HYDRAULIC, SELF-PROP.										
		BRODERSON									
	C75BD001	IC-80-1D	8.5 TON YARD CRANE	64 HP G	64,532	20.69	4.21	3.77	2.32	7.14	144
	C75BD002	RTR-80-3C	9 TON ROUGH TERRAIN, 4WD	97 HP G	79,218	28.16	5.16	4.62	2.85	10.82	160
	C75BD003	RTR-200-3A	13.6 TON ROUGH TERRAIN, 4WD	97 HP G	102,501	32.37	6.65	5.91	3.69	10.82	289
		GROVE									
	C75GV001	RT418	18 TON, ROUGH TERRAIN, 4WD	105 HP D	173,147	36.40	11.19	9.91	6.23	4.41	383
	C75GV002	RT420	20 TON, ROUGH TERRAIN, 4WD	105 HP D	173,147	36.40	11.19	9.91	6.23	4.41	383
	C75GV003	RT422	22 TON, ROUGH TERRAIN, 4WD	105 HP D	173,147	36.40	11.19	9.91	6.23	4.41	383
	C75GV004	RT58B	15 TON, ROUGH TERRAIN, 4WD	125 HP D	171,644	37.04	11.15	9.94	6.18	5.25	441
	C75GV005	RT58C	18 TON, ROUGH TERRAIN, 4WD	125 HP D	171,644	37.04	11.15	9.94	6.18	5.25	441
	C75GV006	RT58D	20 TON, ROUGH TERRAIN, 4WD	125 HP D	171,644	37.04	11.15	9.94	6.18	5.25	441
	C75GV007	RT58E	22 TON, ROUGH TERRAIN, 4WD	125 HP D	181,035	38.67	11.77	10.50	6.52	5.25	441
	C75GV008	RT522C	22 TON, ROUGH TERRAIN, 4WD	125 HP D	209,224	44.29	13.42	11.77	7.53	5.25	513
	C75GV009	RT525C	25 TON, ROUGH TERRAIN, 4WD	125 HP D	209,224	44.29	13.42	11.77	7.53	5.25	513
	C75GV010	RT528C	28 TON, ROUGH TERRAIN, 4WD	125 HP D	209,224	44.29	13.42	11.77	7.53	5.25	513
	C75GV011	RT630B	30 TON, ROUGH TERRAIN, 4WD	125 HP D	245,889	50.63	15.83	13.95	8.85	5.25	537
	C75GV012	RT740B	40 TON, ROUGH TERRAIN, 4WD	177 HP D	339,752	69.02	21.94	19.42	12.23	7.43	655
	C75GV013	RT745	45 TON, ROUGH TERRAIN, 4WD	198 HP D	359,602	74.29	23.31	20.71	12.95	8.32	787
	C75GV014	RT760	60 TON, ROUGH TERRAIN, 4WD	198 HP D	415,191	85.10	26.64	23.37	14.95	8.32	858
	C75GV015	RT875	75 TON, ROUGH TERRAIN, 4WD	230 HP D	504,676	102.52	32.47	28.59	18.17	9.66	112
	C75GV016	RT990	90 TON, ROUGH TERRAIN, 4WD	280 HP D	665,916	133.02	42.06	36.15	23.98	11.76	1,364
	C75GV017	RT1650	165 TON, ROUGH TERRAIN, 8WD	512 HP D	1,297,402	259.51	83.39	73.36	46.71	21.50	2,344
		LORAIN									
	C75LO001	LRT150D	15 TON, ROUGH TERRAIN, 4WD	125 HP D	152,476	34.11	9.79	8.59	5.49	5.25	438
	C75LO002	LRT180D	18 TON, ROUGH TERRAIN, 4WD	125 HP D	170,064	37.15	10.94	9.63	6.12	5.25	450
	C75LO003	LRT200D	20 TON, ROUGH TERRAIN, 4WD	125 HP D	177,890	38.50	11.45	10.10	6.40	5.25	470
	C75LO004	LRT230D	23 TON, ROUGH TERRAIN, 4WD	125 HP D	185,523	39.82	11.96	10.55	6.68	5.25	490
	C75LO005	LRT250D	25 TON, ROUGH TERRAIN, 4WD	125 HP D	197,696	41.94	12.76	11.28	7.12	5.25	510
	C75LO006	LRT275D	27.5 TON, ROUGH TERRAIN, 4WD	125 HP D	203,753	42.99	13.16	11.64	7.34	5.25	520
	C75LO007	LRT330	33 TON, ROUGH TERRAIN, 4WD	180 HP D	238,368	52.24	15.36	13.55	8.58	7.56	570
		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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C75	CRANES, HYDRAULIC, SELF-PROP.										
		P & H/HARNISCHFEGER									
	C75PH001	CN 115	15 TON, ROUGH TERRAIN, 4WD	130 HP D	189,859	40.68	12.30	10.91	6.84	5.46	437
	C75PH002	CN 118	18 TON, ROUGH TERRAIN, 4WD	130 HP D	194,668	41.50	12.61	11.19	7.01	5.46	438
	C75PH003	CN 120	20 TON, ROUGH TERRAIN, 4WD	130 HP D	205,659	43.40	13.33	11.85	7.40	5.46	439
	C75PH004	CN 122	22 TON, ROUGH TERRAIN, 4WD	130 HP D	206,630	43.58	13.40	11.91	7.44	5.46	440
	C75PH005	CN 125	25 TON, ROUGH TERRAIN, 4WD	130 HP D	213,358	44.78	13.82	12.28	7.68	5.46	500
	C75PH006	CN 30	30 TON, ROUGH TERRAIN, 4WD	155 HP D	251,993	52.96	16.33	14.51	9.07	6.51	550
	C75PH007	CN 35	35 TON, ROUGH TERRAIN, 4WD	155 HP D	260,335	54.40	16.87	15.00	9.37	6.51	560
	C75PH008	OMEGA 40	40 TON, ROUGH TERRAIN, 4WD	202 HP D	350,285	72.90	22.69	20.16	12.61	8.48	760
	C75PH009	OMEGA 45	45 TON, ROUGH TERRAIN, 4WD	202 HP D	362,326	75.78	23.28	20.45	13.05	8.48	770
	C75PH010	OMEGA 50	50 TON, ROUGH TERRAIN, 4WD	202 HP D	375,385	78.04	24.14	21.23	13.52	8.48	780
	C75PH011	OMEGA 65	65 TON, ROUGH TERRAIN, 4WD	235 HP D	479,710	98.47	30.83	27.11	17.27	9.87	980
		TADANO									
	C75TD001	TR-200E	22 TON, ROUGH TERRAIN, 4WD	153 HP D	205,419	44.76	13.28	11.76	7.40	6.43	430
	C75TD002	TR-250E	27.5TON,ROUGH TERRAIN, 4WD	153 HP D	226,706	48.44	14.68	13.03	8.16	6.43	508
	C75TD003	TR-300E	33 TON, ROUGH TERRAIN, 4WD	190 HP D	268,305	57.70	17.40	15.48	9.66	7.98	566
	C75TD004	TR-400E	45 TON, ROUGH TERRAIN, 4WD	190 HP D	413,727	83.22	26.87	23.93	14.90	7.98	843
	C75TD005	TR-500E	55 TON, ROUGH TERRAIN, 4WD	190 HP D	460,787	92.55	29.63	26.08	16.59	7.98	932
C80	CRANES, HYDRAULIC, TRUCK MTD										
	.01 UNDER 26 TON										
		GROVE									
	C80GV001	TMS-522	22 TON, WITH 70' BOOM, 6X4WD	175 HP D	230,810	44.38	15.07	13.51	8.31	6.30	444
		LINK BELT (FMC)									
	C80LI001	HTC-814	14 TON, WITH 80' BOOM	200 HP D	255,980	49.54	16.71	14.97	9.22	7.20	482
	C80LI002	HTC-825S	25 TON, WITH 80' BOOM	205 HP D	246,222	48.29	16.07	14.40	8.87	7.38	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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C80	CRANES, HYDRAULIC, TRUCK MTD										
	.01 UNDER 26 TON										
		P & H/HARNISCHFEGER									
	C80PH001	CN T-250	25 TON, WITH 80' BOOM	210 HP D	250,773	49.21	16.37	14.67	9.03	7.56	492
	.02 26 TON THRU 65 TON										
		GROVE									
	C80GV002	TMS-527.5	27.5 TON, WITH 70' BOOM, 6X4WD	175 HP D	237,566	43.26	14.57	12.17	8.48	6.30	447
	C80GV003	TMS-528B	28 TON, WITH 80' BOOM, 6X4WD	175 HP D	253,539	45.66	15.55	12.99	9.05	6.30	466
	C80GV004	TMS-250C	35 TON, WITH 80' BOOM, 6X4WD	163 HP D	276,628	48.52	16.97	14.18	9.88	5.87	494
	C80GV005	TMS-300B	40 TON, WITH 104' BOOM, 8X4WD	205 HP D	337,979	59.67	20.70	17.25	12.07	7.38	718
	C80GV006	TMS-475	50 TON, WITH 84' BOOM, 8X4WD	205 HP D	389,233	67.22	23.86	19.92	13.90	7.38	744
	C80GV007	TMS-760	60 TON, WITH 115' BOOM, 8X4WD	251 HP D	451,703	78.53	27.71	23.16	16.13	9.04	856
		LINK BELT (FMC)									
	C80LI003	HTC-830	30 TON WITH 80' BOOM	210 HP D	274,330	50.34	16.83	14.05	9.80	7.56	505
	C80LI004	HTC-835	35 TON WITH 101' BOOM	210 HP D	287,934	52.34	17.66	14.76	10.28	7.56	525
	C80LI005	HTC-840	40 TON WITH 110' BOOM	240 HP D	340,765	61.68	20.87	17.40	12.17	8.64	650
	C80LI006	HTC-850	50 TON WITH 110' BOOM	240 HP D	375,475	66.81	23.01	19.19	13.41	8.64	730
	C80LI007	HTC-860	60 TON WITH 110' BOOM	240 HP D	391,703	69.22	24.00	20.01	13.99	8.64	757
		P & H/HARNISCHFEGER									
	C80PH002	CN T-300	30 TON WITH 100' BOOM	210 HP D	267,235	49.12	16.43	13.77	9.54	7.56	523
	C80PH003	CN T-350	35 TON WITH 110' BOOM	210 HP D	274,570	50.21	16.89	14.15	9.81	7.56	525
	C80PH004	CN T-400	40 TON WITH 106' BOOM	225 HP D	356,014	63.23	21.81	18.19	12.71	8.10	730
	C80PH005	OMEGA T-450	45 TON WITH 140' BOOM	225 HP D	377,608	66.42	23.15	19.31	13.49	8.10	758
	C80PH006	OMEGA T-500	50 TON WITH 140' BOOM	225 HP D	390,767	68.36	23.96	20.00	13.96	8.10	760
	C80PH007	CN T-650	65 TON WITH 147' BOOM	335 HP D	449,650	82.01	27.59	23.06	16.06	12.06	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 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C80	CRANES, HYDRAULIC, TRUCK MTD										
	.03	66 TON THRU 125 TON									
		GROVE									
	C80GV008	TMS-875	75 TON, WITH 114' BOOM, 8X4WD	251 HP D	494,688	83.15	28.68	22.19	17.58	9.04	1,008
	C80GV009	TM-880	80 TON, WITH 114' BOOM, 8X4WD	200 HP D	575,642	95.41	33.47	26.02	20.46	9.73	1,104
			(WITH CARRIER ENGINE)	310 HP D							
	C80GV010	TM-890	90 TON, WITH 114' BOOM , 8X4WD	200 HP D	584,185	96.86	33.91	26.29	20.76	9.68	1,205
			(WITH CARRIER ENGINE)	304 HP D							
	.04	OVER 125 TON									
		GROVE									
	C80GV011	TM-1300	130 TON, WITH 140' BOOM, 12X6WD	163 HP D	893,595	136.80	49.71	36.22	31.60	8.60	1,672
			(WITH CARRIER ENGINE)	335 HP D							
	C80GV012	TM-1500	150 TON, WITH 173' BOOM, 12X6WD	163 HP D	1,082,038	163.41	60.31	44.07	38.27	9.06	1,921
			(WITH CARRIER ENGINE)	391 HP D							
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)	190 HP D	325,043	70.80	23.08	22.56	11.80	5.32	930
			40' BOOM,15'-4"CRAWLERS W/30" SHOES								
		P & H/HARNISCHFEGER									
	C85PH001	320H	.75 CY,DRAGLINE/CLAM (ADD BUCKET)	93 HP D	184,040	39.55	13.07	12.78	6.68	2.60	580
			50'BOOM, 13'-7" CRAWLERS W/30"SHOES								
	.12	OVER 1 CY THRU 2-1/2 CY									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	247,246	47.48	16.26	14.71	8.90	2.60	800
	C85AM002	5220	2.00 CY DRAGLINE/CLAM (ADD BUCKET) WITH 65' BOOM	125 HP D	340,522	65.28	22.39	20.26	12.26	3.50	910
		NORTHWEST									
	C85NO002	50-D/5035	1.25 CY,DRAGLINE/CLAM (ADD BUCKET) 50' BOOM,15'-4"CRAWLERS W/30" SHOES	190 HP D	328,824	65.64	21.63	19.57	11.84	5.32	932
	C85NO003	50-D/5050	2.0 CY,DRAGLINE/CLAM (ADD BUCKET) 60' BOOM,15'-4"CRAWLERS W/30" SHOES	238 HP D	386,824	77.77	25.44	23.02	13.93	6.66	957
	C85NO004	70-D/7060	2.5 CY,DRAGLINE/CLAM (ADD BUCKET) 50' BOOM,19'-0"CRAWLERS W/30" SHOES	238 HP D	544,452	105.80	35.80	32.39	19.60	6.66	1,425
		P & H/HARNISCHFEGER									
	C85PH002	C-65	2.00 CY,DRAGLINE/CLAM (ADD BUCKET) 90'BOOM, 18'-2" CRAWLERS W/30"SHOES	130 HP D	404,350	76.83	26.59	24.06	14.56	3.64	1,171
	.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	801,514	144.51	49.50	41.73	28.63	7.81	2,650
		MANITOWOC									
	C85MA001	3900 VICON	3.5 CY,DRAGLINE/CLAM (ADD BUCKET) 100'BOOM, 20'-4"CRAWLERS W/38"SHOES	287 HP D	609,896	112.51	37.66	31.75	21.78	8.04	2,306
	C85MA002	4100W VICON #1	5.0 CY,DRAGLINE/CLAM (ADD BUCKET) 130'BOOM, 26'-6"CRAWLERS W/48"SHOES	360 HP D	1,025,537	185.00	63.33	53.39	36.63	10.08	3,788
		NORTHWEST									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	640,503	115.99	39.55	33.35	22.87	6.66	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	608,002	112.76	37.54	31.65	21.71	8.51	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	654,103	116.57	40.39	34.05	23.36	5.26	1,485
	C85PH004	C-120	4.00 CY,DRAGLINE/CLAM (ADD BUCKET) 115'BOOM,24'-0" CRAWLERS W/36"SHOES	260 HP D	662,806	120.50	40.93	34.51	23.67	7.28	2,203
	C85PH005	C-165	5.00 CY,DRAGLINE/CLAM (ADD BUCKET) 135'BOOM,26'-3"CRAWLERS W/42"SHOES	260 HP D	875,083	156.24	54.03	45.56	31.25	7.28	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	2,152,014	377.81	126.28	99.59	76.48	25.20	6,670
	C85AM005	12220	23 TON DRAGLINE (ADD BUCKET) 140'BOOM, 32'-3"CRAWLERS W/60"SHOES	900 HP D	2,159,947	379.09	126.74	99.96	76.76	25.20	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	1,604,244	282.12	94.13	74.24	57.01	19.18	5,100
		NORTHWEST									
	C85NO007	190-D	6.5 CY,DRAGLINE (ADD BUCKET) 85'BOOM, 21'-1"CRAWLERS W/60" SHOES	456 HP D	818,680	147.68	48.05	37.89	29.10	12.77	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) AVERAGE	STANDBY	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
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	186,151	33.99	12.69	11.93	6.72	2.05	610
	.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	255,325	43.12	16.24	14.18	9.15	2.05	850
	C85AM007	5220	50 TON LIFTCRANE WITH 65' BOOM 16'-0" CRAWLERS WITH 36" SHOES	125 HP D	351,212	59.22	22.33	19.50	12.58	2.75	980
		LINK BELT									
	C85LB001	LS-78C	27.5 TON LIFTING CRANE W/40' BOOM 13'-7" CRAWLERS W/24" SHOES	100 HP D	236,525	40.30	15.04	13.14	8.47	2.20	640
	C85LB002	LS-98C	40 TON LIFTING CRANE W/50' BOOM 16'-9" CRAWLERS W/30" SHOES	120 HP D	292,669	49.77	18.62	16.25	10.49	2.64	830
	C85LB003	LS-108C	45 TON LIFTING CRANE W/50' BOOM 16'-9" CRAWLERS W/30" SHOES	120 HP D	305,467	51.81	19.43	16.96	10.95	2.64	850
	C85LB004	LS-110C	50 TON LIFTING CRANE W/50' BOOM 18'-5" CRAWLERS W/30" SHOES	120 HP D	363,677	61.08	23.13	20.20	13.03	2.64	1,100
		NORTHWEST									
	C85NO008	50-D/5030	30 TON LIFTING CRANE W/40' BOOM 15'-4" CRAWLERS W/30" SHOES	190 HP D	297,742	52.43	18.94	16.53	10.67	4.18	869
	C85NO009	50-D/5035	35 TON LIFTING CRANE W/50' BOOM 15'-4" CRAWLERS W/30" SHOES	190 HP D	300,151	52.81	19.09	16.67	10.75	4.18	872
	C85NO010	50-D/5050	50 TON LIFTING CRANE W/60' BOOM 15'-4" CRAWLERS W/30" SHOES	238 HP D	384,963	67.59	24.48	21.38	13.79	5.24	952

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	405,588	62.54	23.80	18.77	14.41	2.75	1,160
	C85AM009	5300	70 TON LIFTCRANE WITH 160' BOOM 17'-6" CRAWLERS WITH 36" SHOES	125 HP D	461,820	70.75	27.10	21.37	16.41	2.75	1,290
	C85AM010	7225	85 TON LIFTCRANE WITH 160' BOOM 18'-7" CRAWLERS WITH 38" SHOES	213 HP D	595,979	92.69	34.97	27.58	21.18	4.69	1,480
	C85AM011	9225	150 TON LIFTCRANE WITH 190' BOOM 23'-9" CRAWLERS WITH 44" SHOES	279 HP D	847,859	131.22	49.75	39.24	30.13	6.14	2,750
		LINK BELT									
	C85LB005	LS-138H	75 TON LIFTING CRANE W/150' BOOM 19'-5" CRAWLERS W/36" SHOES	195 HP D	495,060	77.47	29.05	22.91	17.59	4.29	1,445
	C85LB006	LS-208H	75 TON LIFTING CRANE W/200' BOOM 19'-5" CRAWLERS W/36" SHOES	250 HP D	584,451	92.00	34.30	27.05	20.77	5.50	1,865
	C85LB007	LS-218H	100 TON LIFTING CRANE W/230' BOOM 21'-4" CRAWLERS W/36" SHOES	247 HP D	734,324	113.79	43.09	33.98	26.10	5.43	2,235
		MANITOWOC									
	C85MA004	3900 VICON	100 TON LIFTING CRANE W/210' BOOM 20'-4" CRAWLERS W/38" SHOES	287 HP D	669,151	105.35	39.27	30.97	23.78	6.31	2,354
	C85MA005	3900W VICON #2	140 TON LIFTING CRANE W/250' BOOM 24'-0" CRAWLERS W/48" SHOES	300 HP D	790,852	123.46	46.41	36.60	28.11	6.60	2,815
		NORTHWEST									
	C85NO011	70-D/7060	60 TON LIFTING CRANE W/50' BOOM 19'-0" CRAWLERS W/30" SHOES	238 HP D	535,995	84.60	31.45	24.80	19.05	5.24	1,403
	C85NO012	70-D/7080	80 TON LIFTING CRANE W/160' BOOM 19'-0" CRAWLERS W/30" SHOES	238 HP D	657,992	102.40	38.61	30.45	23.38	5.24	1,524
	C85NO013	95-D/9570-WT	60 TON LIFTING CRANE W/50' BOOM 19'-0" CRAWLERS W/38" SHOES	304 HP D	599,644	95.66	35.19	27.75	21.31	6.69	1,565
	C85NO014	190-D	100 TON LIFTING CRANE W/170' BOOM 21'-1" CRAWLERS W/60" SHOES	456 HP D	846,576	135.78	49.68	39.18	30.09	10.03	2,872

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	436,312	67.16	25.61	20.19	15.51	2.86	1,352
	C85PH008	5100	100 TON LIFTING CRANE W/210' BOOM 21'-6" CRAWLERS WITH 36" SHOES	188 HP D	720,352	110.17	42.27	33.34	25.60	4.14	1,880
	C85PH009	C-120	120 TON LIFTING CRANE W/230' BOOM 24'-0" CRAWLERS WITH 36" SHOES	260 HP D	718,402	111.82	42.16	33.25	25.53	5.72	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	1,038,353	155.04	58.35	43.25	36.72	6.53	3,790
	C85AM013	9320	250 TON LIFTING CRANE W/280' BOOM 28'-2" CRAWLERS WITH 50" SHOES	297 HP D	1,195,045	177.21	67.15	49.77	42.26	6.53	4,050
	C85AM014	10320	350 TON LIFTING CRANE W/280' BOOM 31'-4" CRAWLERS WITH 50" SHOES	519 HP D	1,784,066	266.63	100.25	74.31	63.09	11.42	5,510
	C85AM015	11320	450 TON LIFTING CRANE W/280' BOOM 33'-0" CRAWLERS WITH 60" SHOES	519 HP D	2,418,951	356.47	135.92	100.75	85.54	11.42	6,860
		LINK BELT									
	C85LB008	LS-918	400 TON LIFTING CRANE W/340' BOOM 34'-10" CRAWLERS W/60" SHOES	600 HP D	2,714,245	400.48	152.52	113.05	95.99	13.20	6,783
	C85LB009	LS-1018	500 TON LIFTING CRANE W/340' BOOM 38'-6" CRAWLERS W/60" SHOES	600 HP D	3,244,180	475.47	182.29	135.12	114.73	13.20	8,021
		MANITOWOC									
	C85MA006	4100W VICON #1	200 TON LIFTING CRANE W/260' BOOM 26'-6" CRAWLERS W/48" SHOES	360 HP D	1,100,397	165.54	61.83	45.83	38.91	7.92	3,929
	C85MA007	4600 VICON #3	240 TON LIFTING CRANE W/260' BOOM 26'-1" CRAWLERS W/60" SHOES	685 HP D	1,621,419	248.14	91.11	67.53	57.34	15.07	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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	971,509	144.57	54.59	40.46	34.36	5.72	3,333
	C85PH011	DELTA 5250	250 TON LIFTING CRANE W/290' BOOM 30'-5" CRAWLERS WITH 48" SHOES	328 HP D	1,273,293	189.14	71.55	53.03	45.03	7.22	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	388,987	63.85	23.84	19.89	13.89	4.70	773
	C90LI002	HC108C	50 TON WITH 150' BOOM (WITH CARRIER ENGINE)	110 HP D 318 HP D	447,318	75.33	27.30	22.63	15.98	6.55	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	541,012	86.45	31.46	24.45	19.23	6.55	1,245
	C90AM002	7150	125 TON WITH 240' BOOM (WITH CARRIER ENGINE)	330 HP D 330 HP D	741,713	125.21	43.21	33.69	26.36	14.57	1,900
		LINK BELT (FMC)									
	C90LI003	HC218A	100 TON WITH 220' BOOM (WITH CARRIER ENGINE)	165 HP D 318 HP D	711,280	113.48	41.37	32.17	25.28	8.53	1,688

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C90	CRANES, MECHANICAL, TRUCK MTD										
	.04 OVER 125 TON										
		AMERICAN CRANE									
	C90AM003	8470	180 TON WITH 240' BOOM	268 HP D	1,070,873	164.80	59.94	44.14	37.87	12.50	2,520
			(WITH CARRIER ENGINE)	350 HP D							
	C90AM004	9530	220 TON WITH 260' BOOM	268 HP D	1,454,488	221.54	80.97	59.05	51.44	13.32	3,480
			(WITH CARRIER ENGINE)	450 HP D							
		LINK BELT (FMC)									
	C90LI004	HC238B	140 TON WITH 230' BOOM	165 HP D	822,049	125.97	45.86	33.57	29.07	8.53	2,220
			(WITH CARRIER ENGINE)	318 HP D							
	C90LI005	HC268	250 TON WITH 310' BOOM	314 HP D	1,259,812	195.29	70.29	51.47	44.55	14.89	2,852
			(WITH CARRIER ENGINE)	440 HP D							
		P & H/HARNISCHFEGER									
	C90PH001	9150	150 TON WITH 270' BOOM	210 HP D	943,018	145.06	52.66	38.61	33.35	10.42	1,805
			(WITH CARRIER ENGINE)	350 HP D							
	C90PH002	6250TC	300 TON WITH 320' BOOM	364 HP D	2,032,381	304.62	113.65	83.55	71.87	16.78	3,928
			(WITH CARRIER ENGINE)	450 HP D							
C95	CRANES, TOWER										
		AMERICAN PECCO									
	C95AP001	SK135-2	FREE STANDING,7500# @ 132' R. (L2)	110 HP E	351,066	64.55	20.59	15.15	13.01	5.72	740
			TOWER SECTS=103 FT HIGH								
	C95AP002	S16	OPT. 14' 9 1/4" TOWER SECT		15,928	2.30	0.94	0.69	0.59	0.00	51
			(ADD TO SK135-2 CRANE FOR EA SECT)								
	C95AP003		TOP CLIMBING OPT. (ADD TO SK135-2)		57,923	8.36	3.40	2.50	2.15	0.00	118
	C95AP004	SK200	FREE STANDING,10600# @ 143' R. (L2)	160 HP E	526,009	93.70	30.85	22.71	19.49	8.32	883
			TOWER SECTS=103 FT HIGH								
	C95AP005	S16	OPT. 14' 9 1/4" TOWER SECT		18,756	2.70	1.10	0.81	0.69	0.00	51
			(ADD TO SK200 CRANE FOR EA SECT)								
	C95AP006		TOP CLIMBING OPT. (ADD TO SK200)		68,682	9.90	4.02	2.96	2.54	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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
C95	CRANES, TOWER										
		AMERICAN PECCO									
	C95AP007	SK400	FREE STANDING,18500# @ 162' R. (L2) TOWER SECTS=116 FT HIGH	173 HP E	696,369	119.31	40.83	30.06	25.80	9.00	1,216
	C95AP008	S35	OPT. 19' 4 1/4" TOWER SECT (ADD TO SK400 CRANE FOR EA SECT)		25,727	3.71	1.51	1.11	0.95	0.00	84
	C95AP009		TOP CLIMBING OPT. (ADD TO SK400)		77,737	11.22	4.56	3.36	2.88	0.00	223
	C95AP010	SK560	FREE STANDING,24500# @ 170' R. (L2) TOWER SECTS=116 FT HIGH	253 HP E	927,507	158.91	54.39	40.04	34.37	13.16	1,547
	C95AP011	S213	OPT. 19' 4 1/4" TOWER SECT (ADD TO SK560 CRANE FOR EA SECT)		27,544	3.98	1.62	1.19	1.02	0.00	100
	C95AP012		TOP CLIMBING OPT. (ADD TO SK560)		145,680	21.03	8.55	6.29	5.40	0.00	252
	C95AP013	SN355	FREE STANDING,12300# @ 165' R. (L2) TOWER SECTS=116'HIGH,W/LUFFING BOOM	221 HP E	918,566	155.12	53.87	39.65	34.04	11.49	2,152
	C95AP014	S35	OPT. 19' 4 1/4" TOWER SECT (ADD TO SN355 CRANE FOR EA SECT)		25,727	3.71	1.51	1.11	0.95	0.00	84
	C95AP015		TOP CLIMBING OPT. (ADD TO SN355)		151,719	21.90	8.90	6.55	5.62	0.00	159
D10	DRILLS, AIR TRACK, CRAWLER MTD										
		GARDNER DENVER									
	D10GD001	ATD3800S/PR55A	3.5" HOLE, 12' FEED (ADD COMPR)	600 CFM A	96,527	24.70	7.46	7.58	3.67	0.00	92
	D10GD002	ATD3800SPR123JA	4.0" HOLE, 12' FEED (ADD COMPR)	750 CFM A	98,327	25.15	7.60	7.72	3.74	0.00	91
	D10GD003	ATD3800S/PR66B	4.0" HOLE, 12' FEED (ADD COMPR)	900 CFM A	101,403	25.91	7.84	7.96	3.86	0.00	93
	D10GD004	ATD3800T/PR55A	ANGLE DRILL, 3.5" HOLE, 20' FEED (ADD COMPRESSOR)	600 CFM A	105,408	26.95	8.15	8.27	4.01	0.00	123
	D10GD005	ATD3800TPR123JA	ANGLE DRILL, 4.0" HOLE, 20' FEED (ADD COMPRESSOR)	750 CFM A	107,380	27.45	8.31	8.43	4.09	0.00	124
	D10GD006	ATD3800T/PR66B	ANGLE DRILL, 4.0" HOLE, 20' FEED (ADD COMPRESSOR)	900 CFM A	110,350	28.18	8.53	8.66	4.20	0.00	125
	D10GD007	SCH2500	HYDRAULIC DRILL, 12' CHAIN FEED	152 HP D	185,999	54.84	14.38	14.60	7.08	6.84	144
	D10GD008	SCH3500BV1	HYDRAULIC DRILL, 12' CHAIN FEED	223 HP D	263,749	78.18	20.38	20.70	10.03	10.04	125
		INGERSOLL-RAND									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
D10	DRILLS, AIR TRACK, CRAWLER MTD										
		INGERSOLL-RAND									
	D10IN001	ECM360/EVL130HR	HYDRA DRILL 2.5-4.0" HOLE, 12'FEED	215 HP D	181,837	57.44	14.06	14.27	6.92	9.68	220
	D10IN002	ECM350/VL671	3.0-4.0" HOLE 12'FEED (ADD COMPR)	900 CFM A	113,956	29.08	8.82	8.95	4.34	0.00	131
	D10IN003	ECM350/VL140	2.5-4.0" HOLE 12'FEED (ADD COMPR)	750 CFM A	100,840	25.78	7.80	7.92	3.84	0.00	129
		SULLIVAN									
	D10SU001	MAVRICK, VCR350	2.5" HOLE, 12' FEED (ADD COMPR)	450 CFM A	39,768	10.34	3.07	3.12	1.51	0.00	60
	D10SU002	RAM STD, VCR360	2.5"-4.0" HOLE,12' FEED (ADD COMPR)	600 CFM A	113,951	29.04	8.82	8.95	4.34	0.00	149
	D10SU003	RAM EXT, VCR361	3.0"-4.0" HOLE,12' FEED (ADD COMPR)	850 CFM A	120,714	30.71	9.33	9.48	4.59	0.00	205
	D10SU004	MUSTANG, VCR280	4.0"-5.5" HOLE,20' FEED (ADD COMPR)	1200 CFM A	161,655	40.95	12.50	12.69	6.15	0.00	255
D15	DRILLS, BORING MACHINES										
		BOR-IT									
	D15BI001	16	16" DIA. AUGER, 40-FT LONG W/DIRTHD	10 HP G	8,998	3.68	0.70	0.71	0.34	1.19	18
	D15BI002	20	20" DIA. AUGER, 40-FT LONG W/DIRTHD	16 HP G	13,823	5.76	1.08	1.09	0.53	1.90	21
	D15BI003	24	24" DIA. AUGER, 40-FT LONG W/DIRTHD	31 HP D	16,895	5.75	1.31	1.33	0.64	1.40	49
	D15BI004	30	30" DIA. AUGER, 40-FT LONG W/DIRTHD	45 HP D	33,727	10.51	2.61	2.65	1.28	2.03	70
	D15BI005	36	36" DIA. AUGER, 40-FT LONG W/DIRTHD	65 HP D	44,739	14.24	3.46	3.51	1.70	2.93	90
	D15BI006	48	48" DIA. AUGER, 40-FT LONG W/DIRTHD	90 HP D	70,965	21.82	5.49	5.57	2.70	4.05	170
	D15BI007	60	60" DIA. AUGER, 40-FT LONG W/DIRTHD	110 HP D	93,391	28.24	7.22	7.33	3.55	4.95	250
D20	DRILLS, CORE, COLUMN MOUNTED										
		ACKER DRILL									
	D20AD001	610-E	4" DIA. MAX CORE HOLE	1 HP E	2,454	0.96	0.21	0.24	0.09	0.06	1
	D20AD002	930-E	9" DIA. MAX CORE HOLE	2 HP E	3,042	1.28	0.27	0.30	0.12	0.13	2
	D20AD003	1050-E	10" DIA. MAX CORE HOLE	3 HP E	4,860	1.93	0.43	0.48	0.19	0.19	3
	D20AD004	1080-E	10" DIA. MAX CORE HOLE	11 HP E	11,106	5.08	0.98	1.09	0.43	0.70	6

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES (AVERAGE)	HOURLY ($/HR) (STANDBY)	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
D20	DRILLS, CORE, COLUMN MOUNTED										
		LONGYEAR									
	D20LY001	752/E4-230	DRILL, WITH E4-230 MOTOR (110V)	3 HP E	4,679	2.07	0.41	0.46	0.18	0.19	2
	D20LY002	42N/A4-350	DRILL, W/A4-350 MOTOR, (ADD COMPR)	185 CFM A	5,001	1.98	0.44	0.49	0.19	0.00	3
D25	DRILLS, CORE, SKID MOUNTED										
		ACKER DRILL									
	D25AD001	ACE,MODEL C	NX, 400' MAX DRILL DEPTH	20 HP D	30,260	8.62	2.34	2.38	1.15	0.90	35
	D25AD002	TEREDO MARK-II	NX, 1000' MAX DRILL DEPTH	48 HP D	40,995	12.84	3.17	3.22	1.56	2.16	45
	D25AD003	BUSH MASTER	NX, 900' MAX DRILL DEPTH	52 HP D	55,366	16.62	4.29	4.35	2.11	2.34	45
		SPRAGUE AND HENWOOD									
	D25SP001	37	NWG-NWM, 400' MAX	30 HP G	19,392	8.93	1.50	1.52	0.74	3.56	16
	D25SP002	37-H	NWG-NWM, 500' MAX	23 HP G	20,953	8.36	1.62	1.64	0.80	2.73	18
	D25SP003	40-CL	NWX, 1050' MAX, MECHANICAL	40 HP G	31,387	13.28	2.42	2.46	1.19	4.75	34
	D25SP004	40-CLH	NWX, 1050' MAX, HYDRAULIC	46 HP G	34,790	14.94	2.69	2.73	1.32	5.46	43
	D25SP005	142-HD	NWXL, 2500' MAX	91 HP G	44,928	23.66	3.48	3.53	1.71	10.80	42
	D25SP006	20 MF	AWG/AWM 180' MAX, WITH TRAILER	35 HP D	26,883	8.62	2.07	2.09	1.02	1.58	59
	D25SP007	20 MH	NWG/NWM 140' MAX, WITH TRAILER	47 HP D	33,627	10.96	2.59	2.62	1.28	2.12	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	73,446	32.30	5.68	5.77	2.79	9.45	137
	D30HD002	H-35VT	HYDRAULIC AUGER W/60'- 8"X26" LEADS 33,000 FT-LBS TORQUE, (ADD CRANE)	270 HP D	127,122	50.05	9.83	9.98	4.84	12.15	163
	D30HD003	H-50VT	HYDRAULIC AUGER W/60'-10"X37" LEADS 50,000 FT-LBS TORQUE, (ADD CRANE)	335 HP D	146,984	59.71	11.36	11.54	5.59	15.08	291

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE OWNERSHIP DEPR	CFC	ELEMENTS FUEL	CWT
D30	DRILLS, EARTH/AUGER										
		MOBILE DRILL									
	D30MR001	MINUTEMAN	DRILL W/AUGER KIT, 347 FT-LB TORQUE PORTABLE	7 HP G	5,860	2.55	0.45	0.46	0.22	0.83	4
	D30MR002	B-24 SURVEYOR	DRILL W/AUGER KIT, 710 FT-LB TORQUE SKID-MOUNTED	24 HP G	16,249	7.79	1.26	1.28	0.62	2.85	20
	D30MR003	B-31	HYDRAULIC AUGER, 3,275 FT-LB TORQUE TRAILER MOUNTED	95 HP G	28,350	21.93	2.17	2.18	1.08	11.28	42
	D30MR004	B-34	HYDRAULIC AUGER, 3,275 FT-LB TORQUE TRAILER MOUNTED	105 HP D	34,573	14.64	2.66	2.67	1.32	4.73	55
	D30MR005	B-53	MULTI-PURPOSE, 5,955 FT-LBS TORQUE WITH 21,000 GVW TRUCK W/PTO DRIVE	164 HP G	62,316	41.27	4.75	4.75	2.37	19.47	120
	D30MR006	B-57	MULTI-PURPOSE, 7,000 FT-LBS TORQUE WITH 21,000 GVW TRUCK	120 HP G	68,585	39.95	5.24	5.25	2.61	17.29	130
			(WITH CARRIER ENGINE)	164 HP G							
	D30MR007	B-61HD	MULTI-PURPOSE, 8,900 FT-LBS TORQUE WITH 44,300 GVW TRUCK	120 HP G	115,874	52.94	8.89	8.96	4.41	18.26	205
			(WITH CARRIER ENGINE)	216 HP G							
D35	DRILLS, ROTARY BLAST HOLE										
	.10 DIESEL or GASOLINE										
	.11 0" THRU 11" DIA. HOLE										
		GARDNER DENVER									
	D35GD001	RDC-16B	3" TO 5-1/8" HOLES, CRAWLER MTD	131 HP D	220,914	49.47	14.44	12.39	8.24	5.90	310
	D35GD002	GD-25C	5-1/8" TO 7-3/8" HOLES, CRWLR MTD	250 HP D	230,621	58.67	15.07	12.93	8.60	11.25	550
	D35GD003	GD-35B	6" TO 8-3/4" HOLES, CRAWLER MOUNTED	250 HP D	293,253	70.38	19.15	16.44	10.93	11.25	550
	D35GD004	GD-45C	6-3/4" TO 9" HOLES, CRAWLER MOUNTED	325 HP D	363,822	88.26	23.77	20.40	13.57	14.63	775
		INGERSOLL-RAND									
	D35IN001	DM-25	6 3/4" DRILLMASTER, CRAWLER MOUNTED	450 HP D	372,482	97.64	24.34	20.89	13.89	20.25	500

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
D35	DRILLS, ROTARY BLAST HOLE										
	.11 0" THRU 11" DIA. HOLE										
		INGERSOLL-RAND									
	D35IN002	T4-BH	7-7/8" DRILLMASTER, TRUCK MOUNTED	530 HP D	507,323	131.62	33.00	28.15	18.92	25.81	550
			(WITH CARRIER ENGINE)	240 HP D							
	D35IN003	TH-60	16" WATER WELL DRILL, TRUCK MOUNTED	475 HP D	390,907	103.49	25.42	21.68	14.58	21.38	460
		ROBBINS									
	D35RO001	RRT 35	6-1/4" TO 8-0" HOLE, TRUCK MOUNTED	400 HP D	345,559	90.40	22.43	19.10	12.88	18.00	600
	D35RO002	RRT 60	6-3/4" TO 9-7/8" HOLE,TRUCK MOUNTED	350 HP D	516,618	122.61	33.50	28.47	19.26	17.59	1,000
			(WITH CARRIER ENGINE)	225 HP D							
	D35RO003	RR10S	6-3/4" TO 9" HOLE, MTD ON D9N CRWLR	370 HP D	423,225	102.15	27.65	23.73	15.78	16.65	1,160
	D35RO004	RR10HD	6-3/4" TO 10 5/8" HOLE, MTD ON D9N	370 HP D	473,640	111.59	30.94	26.56	17.66	16.65	1,340
	D35RO005	RRC 50	6-1/4" TO 9-7/8" HOLE, CRAWLER MTD	400 HP D	397,447	99.20	25.97	22.29	14.82	18.00	1,030
	.12 OVER 11" DIAM.										
		ROBBINS									
	D35RO006	RR10XHD	9-7/8" TO 12-1/4" HOLE, MTD ON FD50	525 HP D	695,925	137.94	40.85	30.35	25.67	23.63	1,830
	.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 ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
F10	FORK LIFTS										
		CATERPILLAR									
	F10CA001	M25D	2500# @ 24" LOAD CENTER	18 HP E	24,060	6.56	1.85	1.85	0.92	0.94	65
	F10CA002	MC30D	3000# @ 24" LOAD CENTER	18 HP E	24,674	6.69	1.88	1.88	0.94	0.94	65
	F10CA003	MC40D	4000# @ 24" LOAD CENTER	32 HP E	26,897	8.22	2.05	2.05	1.02	1.66	71
	F10CA004	M50D	5000# @ 24" LOAD CENTER	32 HP E	30,462	8.99	2.33	2.33	1.16	1.66	95
	F10CA005	MC60D-SA	6000# @ 24" LOAD CENTER	47 HP E	35,730	11.25	2.73	2.74	1.36	2.44	105
	F10CA006	M70B	7000# @ 24" LOAD CENTER	53 HP E	43,623	13.41	3.33	3.33	1.66	2.76	134
	F10CA007	M80B	8000# @ 24" LOAD CENTER	53 HP E	45,659	13.85	3.50	3.51	1.74	2.76	142
	F10CA008	M100B	10000# @ 24" LOAD CENTER	53 HP E	47,843	14.32	3.67	3.70	1.82	2.76	160
	F10CA009	V30D	3000# @ 24" LOAD CENTER	37 HP G	22,689	9.28	1.74	1.76	0.86	3.54	61
	F10CA010	V40D	4000# @ 24" LOAD CENTER	48 HP G	26,234	11.38	2.00	1.99	1.00	4.60	88
	F10CA011	V50D	5000# @ 24" LOAD CENTER	48 HP G	28,069	11.80	2.11	2.07	1.07	4.60	95
	F10CA012	V60E	6000# @ 24" LOAD CENTER	63 HP G	40,373	16.22	3.08	3.08	1.54	6.04	117
	F10CA013	V70E	7000# @ 24" LOAD CENTER	63 HP G	40,889	16.33	3.12	3.12	1.56	6.04	125
	F10CA014	V80E	8000# @ 24" LOAD CENTER	63 HP G	42,555	16.68	3.25	3.25	1.62	6.04	131
	F10CA015	V110	11000# @ 24" LOAD CENTER	66 HP D	60,513	16.03	4.61	4.61	2.30	2.38	180
	F10CA016	V150	15000# @ 24" LOAD CENTER	70 HP D	65,292	17.22	4.97	4.98	2.48	2.52	201
	F10CA017	V180B	18000# @ 24" LOAD CENTER	125 HP D	85,207	24.04	6.43	6.37	3.24	4.50	250
	F10CA018	V200B	20000# @ 24" LOAD CENTER	125 HP D	93,018	25.73	7.03	6.98	3.54	4.50	273
	F10CA019	V250B	25000# @ 24" LOAD CENTER	125 HP D	99,565	27.13	7.55	7.51	3.79	4.50	342
	F10CA020	V300B	30000# @ 24" LOAD CENTER	125 HP D	103,685	28.04	7.81	7.74	3.94	4.50	372
	F10CA021	R40	4000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP D	40,266	11.76	3.04	3.02	1.53	2.45	107
	F10CA022	R50	5000# @ 24" LOAD CNTR ROUGB TEPRAIN	68 HP D	41,146	11.96	3.12	3.09	1.57	2.45	112
	F10CA023	R60	6000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP D	49,063	13.66	3.73	3.71	1.87	2.45	127
	F10CA024	R80	8000# @ 24" LOAD CNTR ROUGH TERRAIN	68 HP D	50,966	14.12	3.82	3.75	1.94	2.45	138
		HYSTER									
	F10HY001	H30XL	3000# CAPACITY @ 24" LOAD CENTER	46 HP G	22,146	10.27	1.67	1.65	0.84	4.41	58
	F10HY002	B60XL	6000# CAPACITY @ 24" LOAD CENTER	63 HP G	30,342	14.06	2.30	2.29	1.15	6.04	91
	F10HY003	H110XL	11000# CAPACITY @ 24" LOAD CENTER	94 HP G	49,400	21.84	3.76	3.76	1.88	9.01	147
	F10HY004	H155XL	15500# CAPACITY @ 24" LOAD CENTER	94 HP G	61,970	24.58	4.70	4.67	2.36	9.01	190
	F10HY005	H210XL	21000# CAP @ 24" LOAD CENTER, PS	127 HP D	79,661	22.96	6.00	5.94	3.03	4.57	291
	F10HY006	H250XL	25000# CAP @ 24" LOAD CENTER, PS	127 HP D	92,183	25.68	6.94	6.86	3.51	4.57	316
	F10HY007	H300XL	30000# CAP @ 24" LOAD CENTER, PS	127 HP D	94,430	26.11	7.16	7.13	3.59	4.57	367
	F10HY008	H470CS	47000# CAP @ 48" LOAD CENTER, PS	194 HP D	186,129	48.98	14.08	14.00	7.08	6.98	636

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
G10	GENERATOR SETS										
	.10 PORTABLE										
		HOMELITE									
	G10HO001	HG2500A	2.3 KW	5 HP G	889	0.80	0.08	0.09	0.03	0.48	1
	G10HO002	HG3500	3.0 KW	7 HP G	1,175	1.11	0.10	0.12	0.04	0.67	2
	G10HO003	EH5500HD	5.0 KW	11 HP E	1,045	0.82	0.10	0.11	0.04	0.57	2
	G10HO004	180R162	5.5 KW	11 HP G	2,259	1.84	0.20	0.24	0.08	1.05	2
		KOHLER									
	G10KH001	2.25MBM25	2.25 KW	5 HP G	880	0.80	0.08	0.09	0.03	0.48	1
	G10KH002	3.5MM65	3.50 KW	8 HP G	1,060	1.20	0.10	0.11	0.04	0.77	2
	G10KH003	5MM65	5.00 KW	11 HP G	1,360	1.62	0.12	0.14	0.05	1.05	2
		ONAN									
	G10ON001	2.5LK-3M	2.5 KW, 120/240V	5 HP G	2,938	1.30	0.27	0.31	0.11	0.48	2
	G10ON002	4.0CCK-3CP	4.0 KW, 120/240V	10 HP G	3,792	2.10	0.34	0.40	0.14	0.96	4
	G10ON003	5.0CCK-3CP	5.0 KW, 120/240V	10 HP G	4,329	2.22	0.39	0.45	0.16	0.96	4
	G10ON004	10.0CCKB-3CP	10.0 KW, 120/240V	20 HP G	4,993	3.58	0.45	0.52	0.19	1.92	4
	.20 SKID MOUNTED										
		CATERPILLAR									
	G10CA001	3304B-T	100 KW, 240/480V	156 HP D	21,112	11.44	1.66	1.77	0.77	5.62	34
	G10CA002	3306B-T	165 KW, 240/480V	241 HP D	26,494	16.38	2.09	2.23	0.97	8.68	49
	G10CA003	3306B-TA	180 KW, 240/480V	269 HP D	26,991	17.72	2.13	2.27	0.99	9.68	52
	G10CA004	3406B-T	225 KW, 240/480V	332 HP D	30,184	21.22	2.37	2.54	1.10	11.95	64
	G10CA005	3406B-TA	250 KW, 240/480V	368 HP D	32,555	23.32	2.56	2.73	1.19	13.25	68
	G10CA006	3408B-TA	365 KW, 240/480V	530 HP D	52,814	34.85	4.15	4.44	1.93	19.08	88
	G10CA007	3412-T	425 KW, 240/480V	615 HP D	59,942	40.15	4.71	5.04	2.19	22.14	91
	G10CA008	3412-TA	545 KW, 240/480V	784 HP D	79,575	51.85	6.25	6.68	2.91	28.22	102
	G10CA009	3508	650 KW, 240/480V	932 HP D	105,819	64.02	8.32	8.89	3.87	33.55	170
	G10CA010	3512	910 KW, 240/480V	1299 HP D	138,306	87.29	10.87	11.62	5.06	46.76	225
	G10CA011	3516	1275 KW, 240/480V	1814 HP D	206,604	124.74	16.24	17.35	7.56	65.30	278

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
G10	GENERATOR SETS										
	.20 SKID MOUNTED										
		ONAN									
	G10ON005	6.5NH-3CR	6.5 KW, 120/240V	14 HP G	8,518	3.47	0.67	0.72	0.31	1.34	3
	G10ON006	7.5JB-3CR	7.5 KW, 120/240V	15 HP G	9,118	3.71	0.72	0.77	0.33	1.44	5
	G10ON007	7.5DKD-3CE	7.5 KW, 120/240V	15 HP D	10,535	2.90	0.83	0.88	0.39	0.54	5
	G10ON008	3.0DJA-3CR	3.0 KW, 120/240V	6 HP D	8,854	2.14	0.69	0.74	0.32	0.22	4
	G10ON009	6.0DJE-18R	6.0 KW, RECONNECTIBLE	12 HP D	10,514	2.75	0.82	0.88	0.38	0.43	5
	G10ON010	12.0DJC-3CR	12.0 KW, 120/240V	22 HP D	14,096	3.97	1.11	1.18	0.52	0.79	7
	G10ON011	15RDJC	15.0 KW, DUAL PHASE	27 HP D	14,828	4.34	1.17	1.25	0.54	0.97	14
	G10ON012	20DL4-15R	20.0 KW, RECONNECTIBLE	33 HP D	16,028	4.88	1.27	1.35	0.59	1.19	12
	G10ON013	30DDL6-15R	30.0 KW, RECONNECTIBLE	50 HP D	17,291	5.89	1.36	1.45	0.63	1.80	16
	G10ON014	40DL6T-15R	40.0 KW, RECONNECTIBLE	65 HP D	18,286	6.78	1.44	1.54	0.67	2.34	15
	G10ON015	50DL6B-15R	50.0 KW, RECONNECTIBLE	87 HP D	20,482	8.22	1.61	1.72	0.75	3.13	18
	G10ON016	60DVB-15R	60.0 KW, RECONNECTIBLE	118 HP D	21,377	9.80	1.68	1.80	0.78	4.25	20
	G10ON017	75DVB-15R	75.0 KW, RECONNECTIBLE	118 HP D	23,958	10.35	1.89	2.01	0.88	4.25	20
	G10ON018	100DVC-15R	100.0 KW, RECONNECTIBLE	155 HP D	26,558	12.54	2.09	2.23	0.97	5.58	28
	G10ON019	125DVD-15R	125.0 KW, RECONNECTIBLE	191 HP D	29,642	14.81	2.33	2.49	1.08	6.88	30
	G10ON020	150DVE-15R	150.0 KW, RECONNECTIBLE	227 HP D	33,200	17.16	2.61	2.79	1.21	8.17	33
G15	GRADERS, MOTOR										
		CATERPILLAR									
	G15CA001	120-G	ARTICULATED FRAME, POWERSHIFT	125 HP D	130,708	28.81	8.97	7.75	5.09	4.13	272
	G15CA002	130-G	ARTICULATED FRAME, POWERSHIFT	135 HP D	148,456	32.35	10.22	8.86	5.79	4.46	293
	G15CA003	12-G	ARTICULATED FRAME, POWERSHIFT	135 HP D	160,244	34.45	11.03	9.55	6.25	4.46	316
	G15CA004	140-G	ARTICULATED FRAME, POWERSHIFT	150 HP D	161,317	35.36	11.08	9.57	6.29	4.95	318
	G15CA005	14-G	ARTICULATED FRAME, POWERSHIFT	200 HP D	240,409	51.85	16.42	14.09	9.37	6.60	441
	G15CA006	16-G	ARTICULATED FRAME, POWERSHIFT	275 HP D	348,929	74.68	23.80	20.39	13.60	9.08	584
		CHAMPION									
	G15CH001	710A	ARTICULATED FRAME	135 HP D	128,587	28.92	8.80	7.58	5.01	4.46	283
	G15CH002	720A	ARTICULATED FRAME	153 HP D	140,315	31.77	9.63	8.31	5.47	5.05	318
	G15CH003	730A	ARTICULATED FRAME	187 HP D	151,707	35.31	10.40	8.97	5.91	6.17	338
	G15CH004	740A	ARTICULATED FRAME	210 HP D	163,845	38.47	11.25	9.71	6.39	6.93	361

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
G15	GRADERS, MOTOR										
		CHAMPION									
	G15CH005	750A	ARTICULATED FRAME	200 HP D	180,336	41.28	12.24	10.42	7.03	6.60	388
	G15CH006	780A	ARTICULATED FRAME	200 HP D	200,940	44.91	13.67	11.68	7.83	6.60	421
	G15CH007	710	RIGID FRAME	135 HP D	121,673	27.68	8.33	7.17	4.74	4.46	283
	G15CH008	720	RIGID FRAME	153 HP D	129,123	29.80	8.85	7.63	5.03	5.05	318
	G15CH009	730	RIGID FRAME	187 HP D	139,306	33.13	9.54	8.21	5.43	6.17	338
	G15CH010	740	RIGID FRAME	210 HP D	154,769	36.88	10.61	9.16	6.03	6.93	361
	G15CH011	750	RIGID FRAME	200 HP D	171,259	39.70	11.62	9.87	6.68	6.60	388
	G15CH012	780	RIGID FRAME	200 HP D	191,863	43.32	13.05	11.13	7.48	6.60	421
		FIATALLIS									
	G15FI001	FG75A	ARTICULATED FRAME, POWERSHIFT	135 HP D	125,901	28.41	8.64	7.46	4.91	4.46	317
	G15FI002	FG85A	ARTICULATED FRAME, POWERSHIFT	155 HP D	133,216	30.64	9.12	7.85	5.19	5.12	320
	G15FI003	FG95A	ARTICULATED FRAME, POWERSHIFT	165 HP D	141,001	32.59	9.61	8.22	5.50	5.45	332
	G15FI004	65B	RIGID FRAME, POWERSHIFT	68 HP D	78,549	17.10	5.34	4.56	3.06	2.24	137
	G15FI005	FG75	RIGID FRAME, POWERSHIFT /TC	135 HP D	117,533	26.93	8.05	6.94	4.58	4.46	309
	G15FI006	FG85	RIGID FRAME, POWERSHIFT /TC	155 HP D	123,839	28.99	8.47	7.28	4.83	5.12	313
	G15FI007	FG95	RIGID FRAME, POWERSHIFT/TC	165 HP D	132,695	31.12	9.03	7.71	5.17	5.45	325
		GALION/DRESSER									
	G15GI001	450E	ARTICULATED FRAME, POWERSHIFT	144 HP D	137,525	30.85	9.45	8.17	5.36	4.75	278
	G15GI002	830	ARTICULATED FRAME, POWERSHIFT	144 HP D	141,534	31.56	9.73	8.41	5.52	4.75	278
	G15GI003	A500E	ARTICULATED FRAME, POWERSHIFT	166 HP D	143,968	33.01	9.87	8.51	5.61	5.48	297
	G15GI004	850	ARTICULATED FRAME, POWERSHIFT	166 HP D	150,668	34.19	10.33	8.92	5.87	5.48	301
	G15GI005	A550	ARTICULATED FRAME, POWERSHIFT	166 HP D	159,835	35.80	10.97	9.48	6.23	5.48	324
	G15GI006	870	ARTICULATED FRAME, POWERSHIFT	204 HP D	163,257	38.08	11.21	9.69	6.36	6.73	324
	G15GI007	A566E	ARTICULATED FRAME, POWERSHIFT	177 HP D	171,224	38.30	11.76	10.18	6.67	5.84	327
	G15GI008	A600	ARTICULATED FRAME, POWERSHIFT	204 HP D	168,861	39.09	11.59	10.02	6.58	6.73	335
	G15GI009	A606	ARTICULATED FRAME, POWERSHIFT	204 HP D	188,089	42.46	12.93	11.19	7.33	6.73	341
		INTERNATIONAL/DRESSER									
	G15ID001	A450E	ARTICULATED FRAME, ALL WHEEL DRIVE	144 HP D	131,049	29.71	9.00	7.77	5.11	4.75	281
	G15ID002	830	ARTICULATED FRAME, ALL WHEEL DRIVE	144 HP D	141,931	31.68	9.73	8.39	5.53	4.75	287
	G15ID003	850	ARTICULATED FRAME, ALL WHEEL DRIVE	166 HP D	150,986	34.24	10.35	8.94	5.88	5.48	310

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
G15	GRADERS, MOTOR										
		INTERNATIONAL/DRESSER									
	G15ID004	870	ARTICULATED FRAME, ALL WHEEL DRIVE	204 HP D	163,562	38.15	11.24	9.71	6.38	6.73	333
		JOHN DEERE									
	G15JD001	570B	ARTICULATED FRAME, POWER SHIFT	90 HP D	98,536	21.58	6.75	5.81	3.84	2.97	205
	G15JD002	670B	ARTICULATED FRAME, POWER SHIFT	135 HP D	124,108	28.07	8.53	7.37	4.84	4.46	286
	G15JD003	672B	ARTICULATED FRAME, POWER SHIFT	135 HP D	146,719	32.04	10.10	8.75	5.72	4.46	289
	G15JD004	770B	ARTICULATED FRAME, POWER SHIFT	155 HP D	139,753	31.76	9.59	8.28	5.45	5.12	310
	G15JD005	772B	ARTICULATED FRAME, POWER SHIFT	155 HP D	161,404	35.56	11.09	9.60	6.29	5.12	294
		KOMATSU									
	G15KM001	GD 515A-1	ARTICULATED FRAME	125 HP D	156,266	33.28	10.76	9.33	6.09	4.13	260
	G15KM002	GD 615A-1	ARTICULATED FRAME	140 HP D	172,550	36.90	11.85	10.24	6.73	4.62	310
	G15KM003	GD 625A-1C	ARTICULATED FRAME	155 HP D	186,116	39.95	12.79	11.07	7.25	5.12	336
	G15KM004	GD 725A-1	ARTICULATED FRAME	200 HP D	250,051	53.55	17.09	14.68	9.75	6.60	425
	G15KM005	GD 825A-1	ARTICULATED FRAME	280 HP D	347,734	74.68	23.71	20.32	13.55	9.24	578
		MITSUBISHI									
	G15MI001	MG100	ARTICULATED FRAME, POWERSHIFT	76 HP D	98,590	20.87	6.78	5.87	3.84	2.51	187
	G15MI002	MG150	ARTICULATED FRAME, POWERSHIFT	91 HP D	107,143	23.03	7.38	6.39	4.18	3.00	213
	G15MI003	MG400	ARTICULATED FRAME, POWERSHIFT	150 HP D	142,977	31.97	9.85	8.56	5.57	4.95	314
	G15MI004	MG500	ARTICULATED FRAME, POWERSHIFT	174 HP D	157,545	35.63	10.86	9.43	6.14	5.74	346
H20	HOIST										
		BEEBE									
	H20BE001	FA1	AIR TUGGER, 1 TON (ADD COMPRESSOR)	390 CFM A	12,512	3.13	1.03	1.09	0.48	0.00	4
	H20BE002	FA2.5	AIR TUGGER,2.5 TON (ADD COMPRESSOR)	700 CFM A	16,525	4.20	1.35	1.44	0.63	0.00	5
	H20BE003	FA5	AIR TUGGER, 5 TON (ADD COMPRESSOR)	700 CFM A	21,260	5.46	1.75	1.85	0.82	0.00	14
	H20BE004	FA10	AIR TUGGER,10 TON (ADD COMPRESSOR)	800 CFM A	38,236	9.67	3.14	3.33	1.47	0.00	45

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
H20	HOIST										
		SKAGIT									
	H20SK001	BU-18	DOUBLE DRUM WITH 5/8" CABLE	100 HP D	93,489	27.12	7.65	8.14	3.58	3.60	85
	H20SK002	G-70	DOUBLE DRUM WITH 7/8" CABLE	100 HP D	126,626	35.16	10.37	11.03	4.85	3.60	126
	H20SK003	RB-80	DOUBLE DRUM WITH 1-1/8" CABLE	130 HP D	195,989	53.31	16.05	17.07	7.51	4.68	240
	H20SK004	RB-90W	DOUBLE DRUM WITH 1-3/8" CABLE	150 HP D	218,307	59.63	17.88	19.02	8.37	5.40	300
H25	HYDRAULIC EXCAVATORS, CRAWLER MTD										
	.10 DIESEL or GASOLINE										
	.11 0 THRU 1 CY										
		AKERMAN									
	H25AK001	H3B	.50 CY BUCKET	67 HP D	129,645	34.87	11.12	11.88	5.18	2.21	174
	H25AK002	H7C	.90 CY BUCKET	145 HP D	183,364	51.62	15.73	16.80	7.33	4.79	343
		BADGER									
	H25BA001	300	.50 CY BUCKET, HYDRO-SCOPIC	85 HP D	154,004	41.69	13.22	14.11	6.16	2.81	378
	H25BA002	888	1.00 CY BUCKET, HYDRO-SCOPIC	160 HP D	242,495	66.81	20.80	22.22	9.69	5.28	508
		CATERPILLAR									
	H25CA001	205LC	.50 CY BUCKET, LONG CARRIAGE	71 HP D	99,974	27.77	8.58	9.16	4.00	2.34	311
	H25CA002	211LC	.68 CY BUCKET, LONG CARRIAGE	94 HP D	128,214	35.75	11.00	11.75	5.12	3.10	335
	H25CA003	213BLC	.91 CY BUCKET, LONG CARRIAGE	110 HP D	150,236	41.89	12.89	13.77	6.00	3.63	399
	H25CA004	215CLC	1.00 CY BUCKET, LONG CARRIAGE	115 HP D	162,463	45.12	13.94	14.89	6.49	3.80	420
		CASE									
	H25CS001	880D	.48 CY BUCKET	114 HP D	101,030	29.99	8.67	9.26	4.04	3.76	321
	H25CS002	888	.75 CY BUCKET	128 HP D	112,063	33.34	9.62	10.27	4.48	4.22	356
	H25CS003	1080B	1.00 CY BUCKET	153 HP D	124,965	37.64	10.72	11.45	4.99	5.05	441

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES (AVERAGE)	HOURLY ($/HR) (STANDBY)	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
H25	HYDRAULIC EXCAVATORS, CRAWLER MTD										
	.11 0 THRU 1 CY										
		FIATALLIS									
	H25FI001	FE20LC	.88 CY BUCKET	105 HP D	169,074	46.29	14.51	15.49	6.76	3.47	440
		GRADALL									
	H25GA001	G-660E	.62 CY BUCKET	162 HP D	196,436	55.60	16.85	18.00	7.85	5.35	409
	H25GA002	G-880C	1.00 CY BUCKET	145 HP D	237,474	64.90	20.37	21.76	9.49	4.79	494
		HITACHI									
	H25HI001	EX100	.28 CY BUCKET	72 HP D	110,415	30.38	9.47	10.12	4.41	2.38	240
	H25HI002	EX100WD	.40 CY BUCKET	108 HP D	150,999	41.98	12.95	13.84	6.03	3.56	240
	H25HI003	EX150	.68 CY BUCKET	91 HP D	131,949	36.53	11.32	12.09	5.27	3.00	320
	H25HI004	EX200	.67 CY BUCKET	119 HP D	164,694	45.84	14.13	15.09	6.58	3.93	408
	H25HI005	EX200LC	.74 CY BUCKET	119 HP D	178,898	49.33	15.35	16.39	7.15	3.93	434
		INSLEY									
	H25IS001	H-600C	.88 CY BUCKET	135 HP D	131,047	38.32	11.25	12.01	5.24	4.46	385
	H25IS002	H-800C	.88 CY BUCKET	160 HP D	157,976	46.06	13.55	14.47	6.31	5.28	440
		JOHN DEERE									
	H25JD001	15	.05 CY BUCKET	15 HP D	24,444	6.69	2.10	2.24	0.98	0.50	29
	H25JD002	25	.10 CY BUCKET	23 HP D	36,228	9.95	3.11	3.32	1.45	0.76	64
	H25JD003	50	.16 CY BUCKET	39 HP D	52,215	14.60	4.48	4.78	2.09	1.29	93
	H25JD004	70D	.31 CY BUCKET	55 HP D	67,831	19.15	5.82	6.21	2.71	1.82	140
	H25JD005	490D	.50 CY BUCKET	75 HP D	100,799	28.17	8.65	9.24	4.03	2.48	265
	H25JD006	590D	.625 CY BUCKET	95 HP D	123,825	34.73	10.63	11.35	4.95	3.14	332
	H25JD007	690D	.880 CY BUCKET	125 HP D	132,279	38.17	11.35	12.12	5.29	4.13	397
	H25JD008	790D	1.00 CY BUCKET	155 HP D	172,899	49.50	14.83	15.84	6.91	5.12	501
		KOMATSU									
	H25KM001	PC 120-3	.65 CY BUCKET	82 HP D	119,378	33.04	10.24	10.94	4.77	2.71	256
	H25KM002	PC 150-3	.90 CY BUCKET	99 HP D	129,238	36.24	11.09	11.84	5.17	3.27	322

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
H25	HYDRAULIC EXCAVATORS, CRAWLER MTD										
	.11 0 THRU 1 CY										
		KOEHRING									
	H25KO001	6608	.340 CY BUCKET	51 HP D	78,695	21.64	6.76	7.21	3.15	1.68	168
	H25KO002	6612	.660 CY BUCKET	87 HP D	101,449	28.86	8.70	9.30	4.05	2.87	273
		MDI/YUTANI									
	H25MD001	MD140BLC	.50 CY BUCKET	84 HP D	114,846	32.01	9.85	10.52	4.59	2.77	273
	H25MD002	MD200BLC	1.00 CY BUCKET	123 HP D	172,558	47.96	14.81	15.81	6.90	4.06	434
	.12 OVER 1 CY THRU 2-1/2 CY										
		AKERMAN									
	H25AK003	H10BLC	1.40 CY BUCKET	166 HP D	203,056	52.39	15.70	15.98	7.71	5.48	466
	H25AK004	H14B	1.60 CY BUCKET	209 HP D	232,358	60.83	17.98	18.29	8.83	6.90	595
	H25AK005	H16D	2.35 CY BUCKET	262 HP D	380,409	95.93	29.42	29.94	14.45	8.65	926
		BADGER									
	H25BA003	311 HOPTO	1.88 CY BUCKET	235 HP D	284,924	73.61	22.03	22.42	10.82	7.76	745
	H25BA004	900B	2.50 CY BUCKET	308 HP D	342,611	89.66	26.49	26.96	13.01	10.16	1,015
		CATERPILLAR									
	H25CA005	219LC	1.13 CY BUCKET, LONG CARRIAGE	130 HP D	182,479	46.21	14.11	14.36	6.93	4.29	474
	H25CA006	225B	1.25 CY BUCKET	145 HP D	210,712	53.13	16.29	16.58	8.00	4.79	541
	H25CA007	235C	2.00 CY BUCKET	250 HP D	393,091	98.18	30.40	30.94	14.93	8.25	931
		FIATALLIS									
	H25FI002	FE28LC	1.50 CY BUCKET	152 HP D	223,619	56.30	17.29	17.60	8.49	5.02	611
	H25FI003	FE40L	2.00 CY BUCKET	243 HP D	353,201	89.06	27.32	27.80	13.42	8.02	976
		HITACHI									
	H25HI006	UH083	1.13 CY BUCKET	115 HP D	146,012	37.48	11.30	11.49	5.55	3.80	408

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
H25	HYDRAULIC EXCAVATORS, CRAWLER MTD										
	.12 OVER 1 CY THRU 2-1/2 CY										
		HITACHI									
	H25HI007	UH123	1.50 CY BUCKET	157 HP D	216,048	54.85	16.71	17.00	8.21	5.18	573
	H25HI008	UH181	1.75 CY BUCKET	269 HP D	337,855	86.84	26.13	26.59	12.83	8.88	904
	H25HI009	EX270	1.34 CY BUCKET	161 HP D	244,198	61.25	18.89	19.22	9.28	5.31	573
	H25HI010	EX270LC	1.34 CY BUCKET, LONG CARRIAGE	161 HP D	251,834	62.94	19.48	19.82	9.57	5.31	622
	H25HI011	EX400	2.40 CY BUCKET	275 HP D	371,523	94.56	28.73	29.24	14.11	9.08	908
	H25HI012	EX400LC	2.40 CY BUCKET, LONG CARRIAGE	275 HP D	369,006	94.00	28.54	29.04	14.02	9.08	970
		INSLEY									
	H25IS003	H-1000C	1.25 CY BUCKET	175 HP D	184,013	48.60	14.23	14.48	6.99	5.78	549
	H25IS004	H-1500C	1.75 CY BUCKET	255 HP D	283,986	74.32	21.97	22.35	10.79	8.42	783
	H25IS005	H-2500C	2.25 CY BUCKET	300 HP D	340,554	88.85	26.34	26.80	12.94	9.90	955
		JOHN DEERE									
	H25JD009	792	1.50 CY BUCKET	180 HP D	196,394	51.56	15.19	15.46	7.46	5.94	625
	H25JD010	892D-LC	1.75 CY BUCKET, LONG CARRIAGE	195 HP D	210,796	55.43	16.31	16.59	8.01	6.44	673
	H25JD011	990	2.13 CY BUCKET	260 HP D	297,523	77.53	23.01	23.42	11.30	8.58	930
		KOMATSU									
	H25KM003	PC 200 LC-3	1.05 CY BUCKET, LONG CARRIAGE	118 HP D	164,060	41.59	12.69	12.91	6.23	3.89	423
	H25KM004	PC 220-3	1.31 CY BUCKET	148 HP D	190,414	48.78	14.73	14.99	7.23	4.88	492
	H25KM005	PC 300 LC-3	1.73 CY BUCKET, LONG CARRAIGE	197 HP D	259,358	66.23	20.06	20.41	9.85	6.50	679
		KOEHRING									
	H25KO003	6620	1.05 CY BUCKET	126 HP D	158,659	40.78	12.28	12.49	6.03	4.16	426
	H25KO004	6625 LC	1.20 CY BUCKET, LONG CARRIAGE	160 HP D	194,086	50.13	15.01	15.27	7.37	5.28	580
	H25KO005	6633	1.57 CY BUCKET	212 HP D	231,819	60.84	17.93	18.24	8.81	7.00	709
	H25KO006	6644	2.00 CY BUCKET	253 HP D	363,951	91.88	28.15	28.64	13.83	8.35	980
		MDI/YUTANI									
	H25MD003	MD240BLC	1.750 CY BUCKET, LONG CARRIAGE	153 HP D	209,156	53.15	16.18	16.46	7.95	5.05	522
	H25MD004	MD300LC	1.875 CY BUCKET, LONG CARRIAGE	184 HP D	250,925	63.78	19.41	19.75	9.53	6.07	690

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	258,357	67.38	19.98	20.33	9.81	7.49	699
	H25MD006	MD400LC	2.375 CY BUCKET, LONG CARRIAGE	247 HP D	362,364	91.25	28.02	28.52	13.76	8.15	978
	H25MD007	MD450BLC	2.370 CY BUCKET, LONG CARRIAGE	286 HP D	369,205	94.54	28.55	29.06	14.02	9.44	994
	.13 OVER 2-1/2 CY THRU 5 CY										
		AKERMAN									
	H25AK006	H25C	3.40 CY BUCKET	386 HP D	556,175	140.93	39.56	38.93	20.09	12.74	1,261
		BADGER									
	H25BA005	1900	4.50 CY BUCKET	616 HP D	715,446	186.10	50.88	50.08	25.84	20.33	2,050
		CATERPILLAR									
	H25CA008	245B	3.125 CY BUCKET	360 HP D	590,113	147.54	41.98	41.31	21.32	11.88	1,425
		HITACHI									
	H25HI013	UH261	3.38 CY BUCKET	476 HP D	580,801	150.12	41.31	40.66	20.98	15.71	1,320
		INSLEY									
	H25IS006	H-3500C	3.50 CY BUCKET	400 HP D	476,529	123.54	33.89	33.36	17.21	13.20	1,300
		KOMATSU									
	H25KM006	PC 650-3	3.70 CY BUCKET	404 HP D	671,278	167.61	47.75	46.99	24.25	13.33	1,433
		KOEHRING									
	H25KO007	1066	3.00 CY BUCKET	420 HP D	649,937	163.45	46.23	45.50	23.48	13.86	1,680
	.14 OVER 5 CY										

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
H25	HYDRAULIC EXCAVATORS, CRAWLER MTD										
	.14 OVER 5 CY										
		HITACHI									
	H25HI014	UH501	5.25 CY BUCKET	538 HP D	704,864	168.15	46.36	42.29	25.21	17.75	1,980
	H25HI015	EX1000	5.4 CY BUCKET	512 HP D	774,497	181.55	50.95	46.47	27.71	16.90	2,020
H30	HYDRAULIC EXCAVATORS, WHEEL MTD										
	.01 0 THRU 1 CY										
		AKERMAN									
	H30AK001	H7MC	.95 CY BUCKET, 4X4	145 HP D	191,078	48.90	16.69	18.62	7.38	5.22	322
		BADGER									
	H30BA001	300	.5 CY BUCKET, HYDRO-SCOPIC, 6X4	85 HP D	163,682	42.28	14.05	15.45	6.32	4.69	326
			(WITH CARRIER ENGINE)	200 HP D							
	H30BA002	888	1.0 CY BUCKET, HYDRO-SCOPIC, 6X4	160 HP D	267,846	68.97	23.35	26.00	10.35	7.64	518
			(WITH CARRIER ENGINE)	230 HP D							
		CATERPILLAR									
	H30CA001	206	.59 CY BUCKET	71 HP D	115,264	28.71	9.96	11.01	4.45	2.56	283
	H30CA002	212	.77 CY BUCKET	94 HP D	139,362	35.11	12.02	13.28	5.38	3.38	330
	H30CA003	214	.95 CY BUCKET	102 HP D	154,262	38.76	13.34	14.75	5.96	3.67	366
		GRADALL									
	H30GA001	G3W	.50 CY BUCKET	125 HP D	162,479	43.99	14.06	15.55	6.28	6.17	380
			(WITH CARRIER ENGINE)	205 HP D							
	H30GA002	G660E	.50 CY BUCKET, TELESCOPIC BOOM	177 HP D	216,447	58.40	18.79	20.86	8.36	8.09	433
			(WITH CARRIER ENGINE)	210 HP D							
	H30GA003	G3WD	.625 CY BUCKET,4X2,TELESCOPIC BOOM	143 HP D	131,788	35.85	11.43	12.68	5.09	5.15	330
	H30GA004	G3WD	.625 CY BUCKET,4X4,TELESCOPIC BOOM	143 HP D	145,760	38.90	12.64	14.01	5.63	5.15	335
	.02 OVER 1 CY										

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
H30	HYDRAULIC EXCAVATORS, WHEEL MTD										
	.02 OVER 1 CY										
		AKERMAN									
	H30AK002	H10MB	1.40 CY BUCKET,4X4	166 HP D	208,782	49.75	16.33	17.37	7.64	5.98	414
		CATERPILLAR									
	H30CA004	224	1.18 CY BUCKET	124 HP D	193,488	44.69	15.04	15.91	7.08	4.46	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	805,046	170.42	49.74	42.26	28.61	16.90	2,060
	H35HI002	EX1800	13.5 CY BUCKET, SHOVEL	920 HP D	1,306,349	280.19	80.72	68.58	46.43	30.36	3,860
	H35HI003	EX3500	23.5 CY BUCKET, SHOVEL	1660 HP D	3,019,624	628.56	186.58	158.53	107.31	54.78	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 ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L10	LAND CLEARING EQUIPMENT										
		BALDERSON									
	L10BS001	BHTS 30	HYDR. TREE SHEAR FOR 953 LOADER		22,617	6.81	1.98	2.22	0.87	0.00	41
	L10BS002	BMA8	MULTIAPPLICATION RAKE FOR D8L TRCTR		21,083	6.27	1.85	2.07	0.81	0.00	70
	L10BS003	BTXC973	CLAMP RAKE FOR 973 LOADER		27,780	8.18	2.44	2.73	1.07	0.00	59
	L10BS004	BBL7	BLADE RAKE FOR D7H TRACTOR		9,195	2.86	0.81	0.90	0.36	0.00	24
	L10BS005	BRK8	ROCK & ROOT RAKE FOR D8L TRACTOR		20,994	6.25	1.84	2.06	0.81	0.00	72
	L10BS006	VT8	V-TREE CUTTER FOR D8L TRACTOR		32,242	9.55	2.84	3.17	1.25	0.00	127
	L10BS007		LOGGING FORK FOR 988 LOADER		38,058	11.29	3.34	3.74	1.47	0.00	90
		BUSH HOG									
	L10BU001	268RP	ROTARY CUTTER, 8'WIDTH, 2.5"-12" HT CENTER MOUNT (ADD 40HP TRACTOR)		4,656	2.12	0.41	0.46	0.18	0.00	13
	L10BU002	1310SW	ROTARY CUTTER, 10.5'WIDTH, 2"-12"HT STRAIGHT BLADE (ADD 50HP TRACTOR)		9,105	4.08	0.80	0.89	0.35	0.00	30
	L10BU003	1315SW	ROTARY CUTTER, 15' WIDTH, 2"-12"HT STRAIGHT BLADE (ADD 60HP TRACTOR)		12,214	5.46	1.07	1.20	0.47	0.00	32
	L10BU004	1220SW	ROTARY CUTTER, 20' WIDTH, 2"-12"HT STRAIGHT BLADE (ADD 70HP TRACTOR)		15,355	6.85	1.35	1.51	0.59	0.00	48
	L10BU005	SM-60	ROTARY CUTTER, SIDE MOUNT, 5' WIDTH MIN TRACTOR LIFT CAP - 3200# @ 24"		6,322	2.89	0.55	0.62	0.24	0.00	16
	L10BU006	FM60-01	FLAIL MOWER, 57" WIDE, 4" HT, 1"CAP (ADD 15-40 HP TRACTOR)		2,161	1.31	0.19	0.21	0.08	0.00	7
	L10BU007	FM72-01	FLAIL MOWER, 68" WIDE, 4" HT, 1"CAP (ADD 15-40 HP TRACTOR)		2,287	1.45	0.20	0.22	0.09	0.00	7
	L10BU008	FH60-01	FLAIL MOWER, 57" WIDE,0-3"HT, 2"CAP (ADD 30-60 HP TRACTOR)		2,480	1.50	0.22	0.24	0.10	0.00	8
	L10BU009	FH72-01	FLAIL MOWER, 68" WIDE,0-3"HT, 2"CAP (ADD 30-60 HP TRACTOR)		2,579	1.63	0.23	0.25	0.10	0.00	7
		CHIPMORE									
	L10CI001	B18SP-R	STUMP CUTTER, 15" REAR WHEEL CUTTER	18 HP G	5,166	3.55	0.46	0.51	0.20	1.60	4
		VERMEER									
	L10VE001	206	STUMPER, 16" DIA WHEEL, TRAILER MTD	19 HP G	6,639	4.07	0.58	0.64	0.26	1.68	8

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L10	LAND CLEARING EQUIPMENT										
		VERMEER									
	L10VE002	630B	STUMPER, 18" DIA WHEEL, TRAILER MTD	34 HP G	7,227	5.96	0.63	0.70	0.28	3.01	16
	L10VE003	665A	STUMPER, 28" DIA WHEEL, TRAILER MTD	62 HP G	19,345	12.63	1.69	1.88	0.75	5.50	34
	L10VE004	2465	STUMPER, 36" DIA WHEEL, TRAILER MTD	62 HP G	30,436	15.78	2.67	2.97	1.18	5.50	49
	L10VE005	TS-30	TREE SPADE, 30" DIAMETER, 24" DEPTH TRAILER MOUNTED	13 HP G	13,984	5.46	1.22	1.36	0.54	1.15	38
	L10VE006	TS-44A	TREE SPADE, 44" DIAMETER, 40" DEPTH TRAILER MOUNTED	13 HP G	18,825	6.83	1.65	1.83	0.73	1.15	66
	L10VE007	TS-50M	TREE SPADE, 50" DIAMETER, 48" DEPTH (ADD 13,800 GVW TRUCK)		18,976	6.87	1.66	1.86	0.73	0.00	81
	L10VE008	TS-84-T	TREE SPADE, 84" DIAMETER, 54" DEPTH (ADD 34,000 GVW TRUCK)		63,803	21.09	5.60	6.27	2.46	0.00	271
L15	LAWN MOWERS										
		EXCEL									
	L15EX001	HUSTLER 275	60" 3-WAY DECK	23 HP G	13,201	9.69	1.90	2.71	0.54	2.73	21
	L15EX002	HUSTLER 320	72" STANDARD ROTARY MOWER DECK	22 HP D	14,808	8.30	2.13	3.05	0.60	0.99	24
	L15EX003	HUSTLER-320WING	72" STD DK W/RIGHT WING - 47" CUT	23 HP D	17,399	9.60	2.51	3.59	0.71	1.04	25
	L15EX004	HUSTLER 340	72" STANDARD ROTARY MOWER DECK	28 HP D	16,417	9.40	2.36	3.38	0.67	1.26	24
	L15EX005	HUSTLER 400	72" STANDARD ROTARY MOWER DECK	34 HP G	15,186	12.27	2.19	3.13	0.62	4.04	24
	L15EX006	HUSTLER 440	72" STANDARD ROTARY MOWER DECK	43 HP G	15,988	13.95	2.30	3.29	0.65	5.10	24
	L15EX007	HUSTLER 440WING	72" STD DECK W/L&R WINGS - 12'2"CUT	43 HP G	18,731	15.27	2.70	3.87	0.76	5.10	25
	L15EX008	HUSTLER 640	72" HEAVY DUTY DUAL-TRIM DECK	29 HP D	28,468	15.22	4.09	5.85	1.16	1.31	37
	L15EX009	HI-LIFT BAC-VAC	72" LAWN VACUUM,STD DECK,15 BU CAP. (ADD MOWER MODEL 400)	43 HP G	18,388	15.11	2.65	3.80	0.75	5.10	25
		TORO									
	L15TO001	22525	21" REAR BAGGER - PUSH MOWER	5 HP G	749	1.09	0.11	0.16	0.03	0.59	1
	L15TO002	56150	32" RIDING MOWER	8 HP G	1,861	2.04	0.25	0.34	0.08	0.95	4
	L15TO003	30754	44" DECK GROUNDMASTER-117 TRACTOR	17 HP G	6,488	5.58	0.92	1.31	0.26	2.02	9
	L15TO004	30754	52" DECK W/GROUNDMASTER-117 TRACTOR	17 HP G	6,798	5.74	0.97	1.38	0.28	2.02	9
	L15TO005	30794	62" DECK W/GROUNDMASTER-220D TRACTR	21 HP D	14,048	7.88	2.02	2.89	0.57	0.95	13

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L15	LAWN MOWERS										
		TORO									
	L15TO006	30790	62" DECK W/GROUNDMASTER-220 TRACTOR	20 HP G	11,570	8.45	1.66	2.37	0.47	2.37	11
	L15TO007	30790	72" DECK W/GROUNDMASTER-220 TRACTOR	20 HP G	12,250	8.78	1.76	2.51	0.50	2.37	13
	L15TO008	30794	72" DECK W/GROUNDMASTER-220D TRACTR	21 HP D	14,762	8.23	2.12	3.04	0.60	0.95	16
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	17,379	7.39	1.47	1.53	0.70	0.71	28
	L20AB002	MAXI-LITE IIICE	6.0KW 4/1000W, W/GEN SET CABLE ELECTRIC MAST, TRLR MTD	15 HP D	16,078	6.89	1.35	1.41	0.64	0.71	28
	L20AB003	SUNDOWNER 1800	2.5 KW 2/1000W, W/GEN SET, TRLR MTD	5 HP D	10,303	4.12	0.85	0.88	0.41	0.24	16
	L20AB004	NITE-LITE 2	2.5 KW 2/1000W, W/GEN SET, TRLR MTD	5 HP D	7,801	3.18	0.64	0.66	0.31	0.24	13
	L20AB005	NITE-LITE 4	5.0 KW 2/1000W, W/GEN SET, TRLR MTD	10 HP D	11,289	4.78	0.94	0.97	0.45	0.47	21
	L20AB006	1800 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP G	4,913	2.57	0.40	0.39	0.20	0.63	12
	L20AB007	1800 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP D	5,931	2.47	0.48	0.48	0.24	0.24	12
	L20AB008	2000 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP G	4,433	2.39	0.36	0.35	0.18	0.63	13
	L20AB009	2000 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT	5 HP D	5,491	2.30	0.44	0.44	0.22	0.24	14
	L20AB010	2200 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT SOLAR ASSIST	5 HP E	6,644	2.99	0.55	0.55	0.27	0.34	10
	L20AB011	2200 SERIES	FLASHING ARROW, TRLR MTD, 25 LIGHT RECHARGABLE	5 HP E	4,674	2.24	0.38	0.37	0.19	0.34	10
		AMIDA									
	L20AI001	MITI-LITE 500-4	4.0KW, 4/500W, W/GEN TRAILER MTD	4 HP G	5,023	2.50	0.42	0.44	0.20	0.50	6
	L20AI002	SL4060D-4	6.0KW, 4/1000W, W/GEN TRAILER MTD	11 HP D	14,157	5.97	1.21	1.27	0.57	0.52	21
	L20AI003	LT5080D-4	6.0KW, 4/1000W, W/GEN TRAILER MTD MANUAL-CABLE WINCH RAISED MAST	16 HP D	16,343	7.08	1.39	1.47	0.65	0.75	28
	L20AI004	LT7080D-6	8.0KW, 6/1000W, W/GEN TRAILER MTD HYDRAULIC RAISED MAST	16 HP G	21,265	10.50	1.81	1.92	0.85	2.01	33

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L25	LINE STRIPING EQUIPMENT										
		M-B									
	L25MB001	3-10	WALK BEHIND STRIPER	4 HP G	3,107	2.38	0.26	0.28	0.12	0.50	4
	L25MB002	5-10	WALK BEHIND STRIPER	6 HP G	3,957	3.24	0.34	0.36	0.16	0.76	6
	L25MB003	6-28	INTERMEDIATE LINE STRIPER	10 HP G	11,048	6.44	0.95	1.01	0.44	1.26	15
	L25MB004	VANMARK 360	PAVING STRIPER WITH 11,000# GVW TRK	190 HP G	79,973	57.46	6.80	7.20	3.20	23.91	116
L30	LOADERS, BELT										
		KOLMAN									
	L30KL001	101-XHD	24" X 50' - 355 TON/HR	10 HP D	28,341	7.65	2.10	2.04	1.08	0.36	96
	L30KL002	MODEL 45	PLATE FEEDER DOZER TRAP	5 HP D	8,462	2.32	0.65	0.66	0.32	0.18	34
	L30KL003		BELT FEEDER DOZER TRAP	3 HP D	10,713	2.80	0.83	0.84	0.41	0.11	33
	L30KL004		WING WALLS STATIONARY		1,713	0.43	0.14	0.13	0.07	0.00	9
	L30KL005		TUNNEL EXTENSION WITH BACKBOARDS		8,823	2.19	0.69	0.69	0.34	0.00	55
	L30KL006	SB-70	SINGLE DECK SCREEN, 7' X 42"	3 HP D	6,443	1.75	0.51	0.51	0.25	0.11	18
	L30KL007	DC-70-42	DOUBLE DECK SCREEN, 7' X 42"	5 HP D	8,754	2.40	0.68	0.69	0.33	0.18	25
	L30KL008	TC-70-42	TRIPLE DECK SCREEN, 7' X 42"	5 HP D	12,316	3.29	0.96	0.97	0.47	0.18	33
	L30KL009	XHD	CONVEYOR JACKLEG		1,320	0.32	0.10	0.10	0.05	0.00	7
	L30KL010	101-XHD	30" X 50' - 615 TON/HR	20 HP D	29,953	8.51	2.22	2.16	1.14	0.72	105
	L30KL011	MODEL 45	PLATE FEEDER DOZER TRAP	8 HP D	9,964	2.84	0.77	0.78	0.38	0.29	42
	L30KL012		BELT FEEDER DOZER TRAP	5 HP D	11,908	3.18	0.92	0.93	0.45	0.18	40
	L30KL013		WING WALLS STATIONARY		1,713	0.43	0.14	0.13	0.07	0.00	9
	L30KL014		TUNNEL EXTENSION WITH BACKBOARDS		8,823	2.19	0.69	0.69	0.34	0.00	55
	L30KL015	SB-80	SINGLE DECK SCREEN, 8' X 48"	3 HP D	7,824	2.08	0.61	0.61	0.30	0.11	22
	L30KL016	DC-80-48	DOUBLE DECK SCREEN, 8' X 48"	5 HP D	10,781	2.91	0.84	0.85	0.41	0.18	34
	L30KL017	TC-80-48	TRIPLE DECK SCREEN, 8' X 48"	8 HP D	14,521	3.97	1.12	1.14	0.55	0.29	43
	L30KL018	XHD	CONVEYOR JACKLEG		1,320	0.32	0.10	0.10	0.05	0.00	7
	L30KL019	101-XHD	36" X 50' - 910 TON/HR	30 HP D	35,862	10.43	2.68	2.63	1.36	1.08	111
	L30KL020	MODEL 45	PLATE FEEDER DOZER TRAP	9 HP D	10,550	3.03	0.82	0.83	0.40	0.32	45
	L30KL021		BELT FEEDER DOZER TRAP	7 HP D	12,863	3.51	1.00	1.01	0.49	0.25	42
	L30KL022		WING WALLS STATIONARY		1,713	0.43	0.14	0.13	0.07	0.00	9
	L30KL023		TUNNEL EXTENSION WITH BACKBOARDS		8,823	2.19	0.69	0.69	0.34	0.00	55
	L30KL024	SB-90	SINGLE DECK SCREEN, 9' X 54"	5 HP D	8,885	2.44	0.69	0.70	0.34	0.18	27
	L30KL025	DC-90-54	DOUBLE DECK SCREEN, 9' X 54"	8 HP D	12,340	3.43	0.96	0.97	0.47	0.29	42

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L30	LOADERS, BELT										
		KOLMAN									
	L30KL026	TC-90-54	TRIPLE DECK SCREEN, 9' X 54"	8 HP D	14,272	3.91	1.10	1.12	0.54	0.29	45
	L30KL027	XHD	CONVEYOR JACKLEG		1,320	0.32	0.10	0.10	0.05	0.00	7
	L30KL028	101-XHD	42" X 50'- 1260 TON/HR	40 HP D	38,630	11.58	2.89	2.84	1.47	1.44	118
	L30KL029	MODEL 45	PLATE FEEDER DOZER TRAP	11 HP D	12,802	3.68	0.99	1.00	0.49	0.40	48
	L30KL030		BELT FEEDER DOZER TRAP	9 HP D	12,933	3.61	1.00	1.01	0.49	0.32	44
	L30KL031		WING WALLS STATIONARY		1,713	0.43	0.14	0.13	0.07	0.00	9
	L30KL032		TUNNEL EXTENSION WITH BACKBOARDS		8,823	2.19	0.69	0.69	0.34	0.00	55
	L30KL033	SB-100	SINGLE DECK SCREEN, 10' X 60"	5 HP D	11,515	3.09	0.89	0.90	0.44	0.18	36
	L30KL034	DC-100	DOUBLE DECK SCREEN, 10' X 60"	8 HP D	13,543	3.73	1.05	1.06	0.52	0.29	42
	L30KL035	THV-100	TRIPLE DECK SCREEN, 10' X 60"	10 HP D	20,667	5.59	1.60	1.62	0.79	0.36	61
	L30KL036	XHD	CONVEYOR JACKLEG		1,320	0.32	0.10	0.10	0.05	0.00	7
	L30KL037	101-XHD	48" X 50'- 1700 TON/HR	50 HP D	50,815	15.06	3.83	3.80	1.93	1.80	140
	L30KL038	MODEL 45	PLATE FEEDER DOZER TRAP	15 HP D	17,541	5.05	1.36	1.38	0.67	0.54	51
	L30KL039		BELT FEEDER DOZER TRAP	10 HP D	16,831	4.63	1.30	1.32	0.64	0.36	48
	L30KL040		WING WALLS STATIONARY		1,713	0.43	0.14	0.13	0.07	0.00	9
	L30KL041		TUNNEL EXTENSION WITH BACKBOARDS		10,445	2.59	0.81	0.82	0.40	0.00	62
	L30KL042	SB-120	SINGLE DECK SCREEN, 12' X 60"	8 HP D	13,433	3.70	1.04	1.05	0.51	0.29	45
	L30KL043	DHV-120	DOUBLE DECK SCREEN, 12' X 60"	10 HP D	24,345	6.50	1.89	1.91	0.93	0.36	79
	L30KL044	THV-120	TRIPLE DECK SCREEN, I2' X 60"	10 HP D	27,342	7.24	2.11	2.14	1.04	0.36	80
	L30KL045	XHD	CONVEYOR JACKLEG		1,320	0.32	0.10	0.10	0.05	0.00	7
	L30KL046	303	2,000 CY/HR,48" X 50' BELT,PORTABLE	125 HP D	195,634	59.77	14.45	14.02	7.44	4.50	627
	L30KL047	303	2,000 CY/HR,48" X 60' BELT,PORTABLE	185 HP D	217,190	68.00	16.11	15.69	8.26	6.66	662
	L30KL048	303	3,600 CY/HR,60" X 50' BELT,PORTABLE	185 HP D	224,369	72.13	16.45	15.82	8.54	6.66	682
	L30KL049	303	3,600 CY/HR,60" X 60' BELT,PORTABLE	290 HP D	257,537	86.73	18.87	18.13	9.80	10.44	737
	L30KL050	404	2,000 CY/HR,48" X 50' BELT,PORTABLE	185 HP D	240,162	73.59	17.90	17.52	9.14	6.66	616
	L30KL051	404	2,000 CY/HR,48" X 60' BELT,PORTABLE	185 HP D	253,753	77.08	18.93	18.56	9.65	6.66	650
	L30KL052	404	3,600 CY/HR,60" X 50' BELT,PORTABLE	290 HP D	287,280	92.57	21.31	20.75	10.93	10.44	671
	L30KL053	404	3,600 CY/HR,60" X 60' BELT,PORTABLE	290 HP D	317,352	101.56	23.48	22.82	12.07	10.44	724
	L30KL054	SB-120	SINGLE DECK SCREEN, 12' X 72"	8 HP D	17,653	4.74	1.36	1.38	0.67	0.29	50
	L30KL055	DHV-120	DOUBLE DECK SCREEN, 12' X 72"	15 HP D	29,609	8.04	2.29	2.32	1.13	0.54	81
	L30KL056	THV-120	TRIPLE DECK SCREEN, 12' X 72"	15 HP D	31,925	8.60	2.46	2.50	1.21	0.54	84
	L30KL057		SINGLE DECK VIBRATING GRIZZLE 72"W	15 HP D	29,345	7.97	2.27	2.30	1.12	0.54	89
L35	LOADERS, FRONT END, CRAWLER TYPE										

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES (AVERAGE)	HOURLY ($/HR) (STANDBY)	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L35	LOADERS, FRONT END, CRAWLER TYPE										
		CATERPILLAR									
	L35CA001	931C	1.0 CY	67 HP D	61,875	21.64	4.79	4.88	2.35	2.61	167
	L35CA002	931C LGP	1.0 CY	67 HP D	66,660	23.03	5.16	5.25	2.53	2.61	181
	L35CA003	935C	1.3 CY	78 HP D	70,045	24.62	5.42	5.52	2.66	3.04	180
	L35CA004	943	1.5 CY	80 HP D	114,237	37.60	8.83	9.00	4.33	3.12	270
	L35CA005	953	2.0 CY	110 HP D	138,921	46.41	10.75	10.95	5.27	4.29	309
	L35CA006	963	2.5 CY	150 HP D	183,143	61.45	14.17	14.43	6.95	5.85	407
	L35CA007	973	3.75 CY	210 HP D	269,308	89.78	20.82	21.22	10.21	8.19	552
		CASE									
	L35CS001	455C	1.00 CY, POWERSHIFT	63 HP D	59,066	20.60	4.57	4.65	2.24	2.46	150
	L35CS002	855D	1.50 CY, POWERSHIFT/TC	82 HP D	86,871	29.74	6.72	6.85	3.29	3.20	208
	L35CS003	1155E	2.00 CY, POWERSHIFT/TC	118 HP D	115,234	39.93	8.91	9.08	4.37	4.60	284
	L35CS004	1455B	2.25 CY, POWERSHIFT	140 HP D	127,143	44.58	9.83	10.02	4.82	5.46	343
		FIATALLIS									
	L35FI001	FL5B	1.00 CY, POWERSHIFT	70 HP D	75,876	25.89	5.87	5.98	2.88	2.73	183
	L35FI002	FL7B	1.50 CY, POWERSHIFT/TC	85 HP D	83,919	29.03	6.49	6.61	3.18	3.32	211
	L35FI003	FL10E	2.20 CY, POWRSHIFT/TC	127 HP D	135,335	46.26	10.46	10.66	5.13	4.95	277
	L35FI004	FL14E	2.75 CY, POWERSHIFT	168 HP D	171,152	58.92	13.24	13.49	6.49	6.55	392
	L35FI005	FL20	3.50 CY, POWERSHIFT	223 HP D	251,810	85.38	19.47	19.84	9.55	8.70	577
		INTERNATIONAL/DRESSER									
	L35ID001	100G	1.13 CY, POWERSHIFT	70 HP D	66,755	23.22	5.16	5.26	2.53	2.73	160
	L35ID002	125G	1.38 CY, POWERSHIFT	80 HP D	88,079	29.98	6.81	6.94	3.34	3.12	198
	L35ID003	175C	2.00 CY, POWERSHIFT	140 HP D	131,086	45.73	10.14	10.33	4.97	5.46	317
	L35ID004	200	2.60 CY, POWERSHIFT	165 HP D	166,259	57.35	12.86	13.10	6.31	6.44	379
	L35ID005	250E	3.25 CY, POWERSHIFT	215 HP D	198,631	69.46	15.36	15.65	7.53	8.39	460
		JOHN DEERE									
	L35JD001	350D	.75 CY	48 HP D	45,545	15.86	3.53	3.59	1.73	1.87	124
	L35JD002	455G	1.25 CY	70 HP D	59,074	20.99	4.57	4.66	2.24	2.73	164
	L35JD003	555G	1.50 CY	90 HP D	79,931	28.13	6.18	6.30	3.03	3.51	188

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L35	LOADERS, FRONT END, CRAWLER TYPE										
		JOHN DEERE									
	L35JD004	655B	2.00 CY	120 HP D	108,393	38.05	8.38	8.54	4.11	4.68	324
	L35JD005	755B	2.25 CY	140 HP D	122,642	43.27	9.48	9.66	4.65	5.46	355
		KOMATSU									
	L35KM001	D31S-18	1.30 CY, HYDROSHIFT	70 HP D	80,441	27.21	6.22	6.34	3.05	2.73	168
	L35KM002	D41S-3	1.60 CY, HYDROSHIFT	90 HP D	115,226	38.42	8.91	9.08	4.37	3.51	262
	L35KM003	D53S-17	2.00 CY, POWERSHIFT	110 HP D	156,213	51.44	12.08	12.31	5.92	4.29	300
	L35KM004	D57S-1	2.10 CY, POWERSHIFT	135 HP D	182,677	60.50	14.13	14.39	6.93	5.27	340
	L35KM005	D66S-1	2.80 CY, HYDROSTATIC	160 HP D	208,734	69.45	16.15	16.45	7.92	6.24	422
	L35KM006	D75S-5	3.30 CY, POWERSHIFT	200 HP D	264,098	87.73	20.43	20.81	10.02	7.80	485
L40	LOADERS, FRONT END, WHEEL TYPE										
	.10 ARTICULATED										
	.11 0 THRU 225 HP										
		CATERPILLAR									
	L40CA001	910	1-1/4 CY, ARTICULATED	65 HP D	64,175	17.07	4.77	4.47	2.53	2.34	145
	L40CA002	916	1-1/2 CY, ARTICULATED	85 HP D	85,345	22.41	6.37	6.02	3.36	3.06	183
	L40CA003	926E	2 CY, ARTICULATED	110 HP D	99,480	26.64	7.44	7.03	3.92	3.96	202
	L40CA004	936E	2-1/2 CY, ARTICULATED	135 HP D	127,423	34.59	9.39	8.73	5.02	4.86	271
	L40CA005	950-E	3 CY, ARTICULATED	160 HP D	159,181	42.90	11.71	10.87	6.27	5.76	339
	L40CA006	966-E	4 CY, ARTICULATED	216 HP D	218,513	59.59	15.91	14.60	8.61	7.78	443
		CASE									
	L40CS001	W-11B	1.00 CY, 4WD, ARTICULATED	69 HP D	52,504	14.88	3.88	3.61	2.07	2.48	105
	L40CS002	W-14B	1.50 CY, 4WD, ARTICULATED	90 HP D	69,707	19.55	5.18	4.85	2.75	3.24	157
	L40CS003	W-20C	2.00 CY, 4WD, ARTICULATED	110 HP D	102,374	28.00	7.52	6.98	4.03	3.96	230
	L40CS004	W-30	3.00 CY, 4WD, ARTICULATED	153 HP D	121,757	34.15	9.00	8.40	4.80	5.51	261

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L40	LOADERS, FRONT END, WHEEL TYPE										
	.11	0 THRU 225 HP									
		CASE									
	L40CS005	W-36	4.00 CY, 4WD, ARTICULATED	205 HP D	156,206	44.49	11.50	10.69	6.15	7.38	391
		FIATALLIS									
	L40FI001	FR7B	1.38 CY, 4WD, PWRSHIFT/TC	71 HP D	67,044	17.96	4.98	4.68	2.64	2.56	153
	L40FI002	FR9B	1.75 CY, 4WD, PWRSHIFT/TC	90 HP D	79,202	21.49	5.90	5.55	3.12	3.24	172
	L40FI003	FR10B	2.00 CY, 4WD, PWRSHIFT/TC	110 HP D	89,005	24.68	6.62	6.21	3.51	3.96	206
	L40FI004	FR11	2.25 CY, 4WD, PWRSHIFT/TC	125 HP D	103,352	28.37	7.70	7.26	4.07	4.50	246
	L40FI005	FR12B	2.62 CY, 4WD, PWRSHIFT/TC	140 HP D	113,548	31.87	8.36	7.77	4.47	5.04	270
	L40FI006	FR15B	3.25 CY, 4WD, PWRSHIFT/TC	185 HP D	152,301	42.89	11.16	10.32	6.00	6.66	328
		FORD/NEW HOLLAND									
	L40FN001	340B	16 CF	48 HP D	27,891	8.40	2.08	1.95	1.10	1.73	66
	L40FN002	445A	3/4 CY	48 HP D	31,785	9.23	2.36	2.21	1.25	1.73	73
	L40FN003	545A	3/4 CY	60 HP D	35,687	10.71	2.65	2.48	1.41	2.16	75
	L40FN004	555B	1 CY	63 HP D	38,571	11.60	2.83	2.62	1.52	2.27	80
		FURUKAWA									
	L40FU001	FL120-1	1.75 CY, 4WD	80 HP D	86,524	22.64	6.43	6.03	3.41	2.88	179
	L40FU002	FL150-1	2.00 CY, 4WD	102 HP D	101,154	26.74	7.53	7.10	3.98	3.67	213
	L40FU003	FL200-1	2.60 CY, 4WD	140 HP D	128,028	34.77	9.47	8.86	5.04	5.04	299
	L40FU004	FL230-1	3.10 CY, 4WD	160 HP D	150,130	40.30	11.15	10.48	5.91	5.76	311
	L40FU005	FL330-1	4.30 CY, 4WD	217 HP D	207,080	56.04	15.27	14.21	8.16	7.81	435
		INTERNATIONAL/DRESSER									
	L40ID001	510B	1.37 CY, ARTICULATED FRAME	80 HP D	68,263	18.67	5.08	4.77	2.69	2.88	157
	L40ID002	515B	1.63 CY, ARTICULATED FRAME	105 HP D	84,564	23.51	6.27	5.88	3.33	3.78	187
	L40ID003	520B	2.25 CY, ARTICULATED FRAME	120 HP D	100,434	27.52	7.49	7.05	3.96	4.32	232
	L40ID004	530	2.75 CY, ARTICULATED FRAME	165 HP D	147,502	40.01	10.95	10.28	5.81	5.94	291
	L40ID005	540	3.75 CY, ARTICULATED FRAME	205 HP D	204,638	54.81	15.10	14.08	8.06	7.38	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) AVERAGE	STANDBY	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
L40	LOADERS, FRONT END, WHEEL TYPE										
	.11 0 THRU 225 HP										
		JOHN DEERE									
	L40JD001	344E	1.63 CY, 4WD, ARTICULATED	75 HP D	64,146	17.57	4.77	4.47	2.53	2.70	159
	L40JD002	444E	1.75 CY, 4WD, ARTICULATED	95 HP D	72,302	20.34	5.37	5.04	2.85	3.42	172
	L40JD003	544E	2.25 CY, 4WD, ARTICULATED	115 HP D	85,381	24.02	6.36	6.00	3.36	4.14	230
	L40JD004	644E	3.25 CY, 4WD, ARTICULATED	160 HP D	122,628	34.52	9.09	8.51	4.83	5.76	334
		KAWASAKI									
	L40KA001	KSS65ZII	2.30 CY, 4WD, ARTICULATED	108 HP D	94,749	25.74	7.05	6.63	3.73	3.89	220
	L40KA002	KSS70II	3.25 CY, 4WD, ARTICULATED	158 HP D	131,368	36.36	9.72	9.10	5.17	5.69	305
	L40KA003	KSS80ZII	3.75 CY, 4WD, ARTICULATED	165 HP D	141,128	38.77	10.46	9.79	5.56	5.94	326
		MICHIGAN / VME									
	L40MC001	L30	1.0 CY BUCKET	74 HP D	66,455	17.82	4.93	4.61	2.62	2.66	131
	L40MC002	L50	1.5 CY BUCKET	82 HP D	96,162	24.29	7.19	6.79	3.79	2.95	161
	L40MC003	L70	2.0 CY BUCKET	110 HP D	114,283	29.52	8.53	8.06	4.50	3.96	195
	L40MC004	L90	2.5 CY BUCKET	145 HP D	147,748	38.53	10.97	10.30	5.82	5.22	262
	L40MC005	L120	3.1 CY BUCKET	190 HP D	184,088	48.82	13.58	12.65	7.25	6.84	319
	L40MC006	L140	4.0 CY BUCKET	203 HP D	222,764	57.38	16.52	15.49	8.77	7.31	392
		MASSEY FERGUSON									
	L40MF001	MF30E	.75 CY	45 HP D	38,285	10.38	2.86	2.69	1.51	1.62	95
	L40MF002	MF50E	1.05 CY	65 HP D	43,084	12.45	3.21	3.01	1.70	2.34	106
	L40MF003	MF50HX/SERIES S	1.05 CY	74 HP D	46,220	13.64	3.42	3.20	1.82	2.66	135
		MITSUBISHI									
	L40MI001	WS200A	.50 CY, 4WD, ARTICULATED	26 HP D	35,655	9.00	2.64	2.47	1.40	0.94	59
	L40MI002	WS400	1.00 CY, 4WD, ARTICULATED	50 HP D	53,014	14.03	3.92	3.65	2.09	1.80	94
	L40MI003	WS500	1.00 CY, 4WD, ARTICULATED	55 HP D	57,507	15.19	4.25	3.98	2.26	1.98	114
		TEREX									
	L40TE001	60C	3.25 CY, 4WD ARTICULATED-POWERSHIFT	160 HP D	144,538	39.91	10.59	9.79	5.69	5.76	298

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L40	LOADERS, FRONT END, WHEEL TYPE										
	.11 0 THRU 225 HP										
		TROJAN/O & K									
	L40TR001	1500Z	1.75 CY, 4WD, ARTICULATED, PWRSHIFT	93 HP D	80,662	22.12	5.98	5.60	3.18	3.35	179
	L40TR002	1700Z	2.25 CY, 4WD, ARTICULATED, PWRSHIFT	110 HP D	82,755	23.40	6.14	5.75	3.26	3.96	203
	L40TR003	1900Z	2.50 CY, 4WD, ARTICULATED, PWRSHIFT	119 HP D	97,114	26.78	7.22	6.80	3.82	4.28	220
	L40TR004	2000Z	3.00 CY, 4WD, ARTICULATED, PWRSHIFT	171 HP D	124,485	35.63	9.20	8.60	4.90	6.16	297
	L40TR005	3500Z	3.75 CY, 4WD, ARTICULATED, PWRSHIFT	185 HP D	150,599	42.54	11.03	10.20	5.93	6.66	376
	.12 OVER 225 HP										
		CATERPILLAR									
	L40CA007	980-C	5-1/4 CY, ARTICULATED	270 HP D	286,889	70.39	19.67	18.62	10.36	9.72	601
	L40CA008	988-B	7 CY, ARTICULATED	375 HP D	430,392	101.89	29.23	27.36	15.55	13.50	898
	L40CA009	992-C	13-1/2 CY, ARTICULATED	690 HP D	873,148	205.86	58.71	54.34	31.54	24.84	1,931
		FIATALLIS									
	L40FI007	FR20B	4.00 CY, 4WD, PWRSHIFT/TC	230 HP D	219,880	56.30	14.91	13.93	7.94	8.28	440
	L40FI008	FR35	7.00 CY, 4WD, PWRSHIFT/TC	350 HP D	334,483	84.01	22.90	21.63	12.08	12.60	729
		INTERNATIONAL/DRESSER									
	L40ID006	550	5.50 CY, ARTICULATED	315 HP D	302,824	75.40	20.81	19.74	10.94	11.34	677
	L40ID007	560B	7.50 CY, ARTICULATED	415 HP D	431,092	104.66	29.77	28.40	15.57	14.94	830
	L40ID008	570	12.0 CY, ARTICULATED	590 HP D	781,292	178.78	53.51	50.57	28.22	21.24	1,350
	L40ID009	580	22.0 CY, ARTICULATED	1100 HP D	1,744,349	389.44	119.35	112.68	63.01	39.60	2,846
		JOHN DEERE									
	L40JD005	844	5.00 CY, 4WD, ARTICULATED	260 HP D	214,221	56.69	14.51	13.54	7.74	9.36	477
		KAWASAKI									
	L40KA004	KSS85ZII	4.25 CY, 4WD, ARTICULATED	226 HP D	193,957	48.93	13.40	12.77	7.01	8.14	431
	L40KA005	KSS95ZII	6.00 CY, 4WD, ARTICULATED	310 HP D	261,778	67.70	17.90	16.87	9.46	11.16	610
	L40KA006	KSS110ZII	7.50 CY, 4WD, ARTICULATED	383 HP D	404,802	96.62	27.63	26.02	14.62	13.79	928

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L40	LOADERS, FRONT END, WHEEL TYPE										
	.12 OVER 225 HP										
		MICHIGAN / VME									
	L40MC007	L160	5.00 CY, 4WD,ARTICULATED	252 HP D	251,055	61.36	17.13	16.12	9.07	9.07	448
	L40MC008	L190	5.25 CY, 4WD,ARTICULATED,PS/TC	290 HP D	292,308	69.55	19.77	18.41	10.56	10.44	549
	L40MC009	L270	7.00 CY, 4WD,ARTICULATED,PS/TC	360 HP D	427,023	97.58	29.27	27.69	15.42	12.96	826
	L40MC010	L320	8.00 CY, 4WD,ARTICULATED,PS/TC	417 HP D	465,271	107.97	31.71	29.80	16.81	15.01	873
	L40MC011	L480	12.5 CY, 4WD,ARTICULATED,PS/TC	650 HP D	814,758	187.86	54.56	50.26	29.43	23.40	1,634
	L40MC012	L480T	12.5 CY BUCKET, TURBO TRANSMISSION	679 HP D	885,373	202.08	59.58	55.20	31.98	24.44	1,634
		TEREX									
	L40TE002	70C	4.50 CY, 4WD ARTICULATED,POWERSHIFT	247 HP D	206,967	51.91	14.38	13.79	7.48	8.89	425
	L40TE003	80C	6.00 CY, 4WD ARTICULATED,POWERSHIFT	315 HP D	289,402	72.95	19.85	18.80	10.45	11.34	579
	L40TE004	85B	8.00 CY, 4WD ARTICULATED,POWERSHIFT	388 HP D	382,044	92.71	26.02	24.43	13.80	13.97	856
	L40TE005	90C	8.50 CY, 4WD ARTICULATED,POWERSHIFT	460 HP D	447,655	109.01	30.45	28.56	16.17	16.56	978
		TROJAN/O & K									
	L40TR006	4500Z	4.50 CY, 4WD ARTICULATED,POWERSHIFT	231 HP D	190,597	48.55	13.15	12.54	6.88	8.32	434
	L40TR007	5500Z	5.50 CY, 4WD ARTICULATED,POWERSHIFT	294 HP D	262,655	67.10	17.96	16.93	9.49	10.58	602
	L40TR008	7500	7.00 CY, 4WD ARTICULATED,POWERSHIFT	400 HP D	347,740	86.67	23.66	22.20	12.56	14.40	850
	.20 SKID STEER										
		MELROE / BOBCAT									
	L40ME001	440B	6 CWT, 36" BUCKET	16 HP G	7,942	4.43	0.70	0.80	0.30	1.65	21
	L40ME002	443	6 CWT, 44" BUCKET	15 HP D	11,992	4.18	1.06	1.22	0.45	0.59	24
	L40ME003	543	8 CWT, 48" BUCKET	22 HP D	15,375	5.46	1.36	1.58	0.57	0.86	33
	L40ME004	642B	10 CWT, 54" BUCKET	32 HP G	14,902	8.47	1.33	1.53	0.56	3.29	38
	L40ME005	643	10 CWT, 54" BUCKET	28 HP D	17,845	6.49	1.59	1.84	0.67	1.09	39
	L40ME006	742	13 CWT, 60" BUCKET	34 HP G	19,332	9.95	1.72	1.99	0.72	3.50	45
	L40ME007	743	13 CWT, 60" BUCKET	36 HP D	20,666	7.69	1.84	2.13	0.77	1.40	46
	L40ME008	843	17 CWT, 60" BUCKET	54 HP D	26,668	10.46	2.33	2.68	0.99	2.11	63
	L40ME009	943	24 CWT, 66" BUCKET	74 HP D	33,557	13.47	2.95	3.39	1.25	2.89	88
	L40ME010	974	37 CWT, 84" BUCKET	78 HP D	49,141	18.39	4.22	4.78	1.83	3.04	121
	L40ME011	975	37 CWT, 84" BUCKET	82 HP D	50,019	18.85	4.31	4.87	1.87	3.20	122

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
L40	LOADERS, FRONT END, WHEEL TYPE										
	.30 TOOL CARRIER										
	.31 0 THRU 225 HP										
		CATERPILLAR									
	L40CA010	IT12	INTEGRATED TOOL CARRIER	65 HP D	73,535	19.44	5.48	5.16	2.90	2.34	180
	L40CA011	IT18B	INTEGRATED TOOL CARRIER	95 HP D	93,199	25.18	6.96	6.57	3.67	3.42	218
	L40CA012	IT28B	INTEGRATED TOOL CARRIER	110 HP D	104,805	28.40	7.85	7.43	4.13	3.96	243
	.32 OVER 225 HP										
		MICHIGAN / VME									
	L40MC013	L160 HIGH-LIFT	2.8 SQ METER GRAPPLE ARMS	252 HP D	330,001	77.43	22.74	21.64	11.92	9.07	448
L45	LOADERS w/ BACKHOE, CRAWLER TYPE										
		CATERPILLAR									
	L45CA001	931C	1.00 CY FE BUCKET W/30" B/H DIPPER	67 HP D	80,067	26.94	6.20	6.31	3.04	2.61	207
L50	LOADERS w/ BACKHOE, WHEEL TYPE										
		CATERPILLAR									
	L50CA001	416	1.00 CY FE BUCKET W/24" B/H DIPPER	62 HP D	57,924	15.81	4.32	4.07	2.28	2.23	132
	L50CA002	426	1.25 CY FE BUCKET W/30" B/H DIPPER	70 HP D	64,567	17.64	4.82	4.55	2.54	2.52	142
	L50CA003	436	1.38 CY FE BUCKET W/30" B/H DIPPER	77 HP D	68,057	18.79	5.07	4.78	2.68	2.77	147
		CASE									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L50	LOADERS w/ BACKHOE, WHEEL TYPE										
		CASE									
	L50CS001	480E	0.88 CY FE BUCKET W/24" B/H DIPPER	63 HP D	39,982	11.89	2.97	2.80	1.57	2.27	97
	L50CS002	580K	1.00 CY FE BUCKET W/24" B/H DIPPER	63 HP D	53,638	14.94	3.99	3.75	2.11	2.27	130
	L50CS003	680K	1.50 CY FE BUCKET W/30" B/H DIPPER	90 HP D	85,545	23.23	6.39	6.04	3.37	3.24	165
	L50CS004	780D	1.75 CY FE BUCKET W/30" B/H DIPPER	112 HP D	96,727	26.78	7.21	6.80	3.81	4.03	198
		FORD/NEW BOLLAND									
	L50FN001	340B	16 CF FE BUCKET W/24" B/H DIPPER	48 HP D	41,254	11.48	3.06	2.87	1.62	1.73	103
	L50FN002	445A	0.75 CY FE BUCKET W/24" B/H DIPPER	48 HP D	45,793	12.41	3.42	3.24	1.80	1.73	114
	L50FN003	545A	0.75 CY FE BUCKET W/24" B/H DIPPER	60 HP D	48,692	13.71	3.63	3.41	1.92	2.16	119
	L50FN004	555B	1.00 CY FE BUCKET W/24" B/H DIPPER	63 HP D	54,559	15.11	4.07	3.83	2.15	2.27	135
	L50FN005	655A	1.00 CY FE BUCKET W/24" B/H DIPPER	72 HP D	60,783	16.96	4.52	4.25	2.39	2.59	149
	L50FN006	755A	1.50 CY FE BUCKET W/24" B/B DIPPER	100 HP D	86,327	23.83	6.46	6.11	3.40	3.60	167
		JOHN DEERE									
	L50JD001	310C	1.00 CY FE BUCKET W/18" B/H DIPPER	65 HP D	46,495	13.45	3.46	3.25	1.83	2.34	125
	L50JD002	410C	1.00 CY FE BUCKET W/18" B/H DIPPER	75 HP D	55,520	15.93	4.14	3.89	2.19	2.70	144
	L50JD003	510C	1.25 CY FE BUCKET W/18" B/H DIPPER	85 HP D	66,235	18.77	4.93	4.64	2.61	3.06	154
	L50JD004	610C	1.25 CY FE BUCKET W/24" B/H DIPPER	95 HP D	74,335	21.03	5.54	5.22	2.93	3.42	163
	L50JD005	710C	1.50 CY FE BUCKET W/24" B/H DIPPER	100 HP D	94,314	25.83	6.99	6.55	3.71	3.60	225
		MASSEY FERGUSON									
	L50MF001	MF50E	1.00 CY FE BUCKET W/24" B/H DIPPER	65 HP D	56,772	15.66	4.25	4.02	2.24	2.34	120
	L50MF002	MF50EX	1.00 CY FE BUCKET W/24" B/H DIPPER	74 HP D	57,955	16.32	4.33	4.10	2.28	2.66	129
	L50MF003	MF60H/SERIES S	1.05 CY FE BUCKET W/24" B/H DIPPER	74 HP D	64,488	17.85	4.80	4.51	2.54	2.66	137
L55	LOADER/BACKHOE, ATTACHMENTS										
		KENT									
	L55KN001	KB-555	AIR RAM W/NARROW CHISEL (ADD COMPR)	175 CFM A	6,164	2.93	0.66	0.81	0.25	0.00	6
	L55KN002	KB-999	AIR RAM W/NARROW CHISEL (ADD COMPR)	250 CFM A	12,601	5.97	1.33	1.65	0.50	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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
L55	LOADER/BACKHOE, ATTACHMENTS										
		KENT									
	L55KN003	KH-2600	AIR RAM W/CHISEL(ADD MIN .75CY B/H)	750 CFM A	25,901	12.10	2.72	3.38	1.03	0.00	22
	L55KN004	KHP-12	HYDRA-PAK TAMPER,HYD,21"W,30"L,27"H		5,323	2.33	0.56	0.70	0.21	0.00	9
	L55KN005	KHP225	HYDRA-PAK TAMPER,HYD,27"W,36"L,31"H (ADD MIN .75 CY BACKHOE)		10,511	4.47	1.11	1.37	0.42	0.00	17
L60	LOG SKIDDERS										
		CATERPILLAR									
	L60CA001	508	SKIDDER, CABLE, WITH 27,255# PULL	95 HP D	84,513	24.58	6.38	6.58	3.09	3.42	166
	L60CA002	508	SKIDDER, GRAPPLE WITH 27,225# PULL	95 HP D	100,678	28.20	7.66	7.95	3.68	3.42	182
	L60CA003	518	SKIDDER, CABLE WITH 32,000# PULL	120 HP D	96,960	28.51	7.36	7.63	3.54	4.32	221
	L60CA004	518	SKIDDER, GRAPPLE WITH 32,000# PULL	130 HP D	119,964	34.12	9.17	9.57	4.38	4.68	246
	L60CA005	528	SKIDDER, CABLE WITH 40,000# PULL	175 HP D	137,903	41.24	10.38	10.67	5.04	6.30	300
	L60CA006	FB-518	FELLER-BUNCHER, WHEEL MOUNTED	130 HP D	134,112	37.86	10.17	10.53	4.90	4.68	210
	L60CA007	FB-227	FELLER-BUNCHER, CRAWLER MOUNTED	135 HP D	293,189	71.76	23.06	24.69	10.71	4.86	706
		JOHN DEERE									
	L60JD001	540D	CABLE LOG SKIDDER,26,700# LINE PULL	100 HP D	84,345	24.42	6.44	6.72	3.08	3.60	162
	L60JD002	640D	CABLE LOG SKIDDER,32,100# LINE PULL	120 HP D	94,686	29.04	6.98	7.03	3.46	4.32	202
	L60JD003	548D	GRAPPLE LOG SKIDR,26,600# LINE PULL	100 HP D	93,530	26.47	7.17	7.49	3.42	3.60	181
	L60JD004	648D	GRAPPLE LOG SKIDR,26,700# LINE PULL	120 HP D	107,533	31.91	7.99	8.11	3.93	4.32	231
	L60JD005	740A	GRAPPLE LOG SKIDR,51,880# LINE PULL	158 HP D	153,925	46.61	11.11	10.97	5.62	5.69	358
	L60JD006	643	FELLER BUNCHER, WHEEL MOUNTED	145 HP D	123,278	36.58	9.22	9.44	4.50	5.22	275
		RANGER / VME									
	L60RN001	F665	CABLE SKIDDER, LINE PULL 22,400#	104 HP D	85,753	24.56	6.55	6.84	3.13	3.74	163
	L60RN002	F666	CABLE SKIDDER, LINE PULL 29,200#	132 HP D	99,529	29.84	7.36	7.44	3.64	4.75	217
	L60RN003	F667	CABLE SKIDDER, LINE PULL 33,400#	159 HP D	114,168	34.35	8.51	8.67	4.17	5.72	220
	L60RN004	F668	CABLE SKIDDER, LINE PULL 34,600#	217 HP D	151,878	48.21	10.60	10.10	5.55	7.81	346

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE OWNERSHIP DEPR	CFC	ELEMENTS FUEL	CWT
P10	PILE EXTRACTORS & LEADS										
			INTERNATIONAL CONST. EQUIP. (I.C.E)								
	P10IC001	216	EXTRACTOR, LINE PULL 30 TON	155 HP D	83,536	34.34	7.98	8.66	3.65	5.58	130
	P10IC002	416L	EXTRACTOR, LINE PULL 40 TON	250 HP D	135,611	55.66	12.95	14.06	5.92	9.00	220
	P10IC003	612	EXTRACTOR, LINE PULL 40 TON	250 HP D	153,237	61.35	14.64	15.89	6.69	9.00	226
	P10IC004	812	EXTRACTOR, LINE PULL 50 TON	503 HP D	214,246	93.06	20.46	22.21	9.35	18.11	306
	P10IC005	1412	EXTRACTOR, LINE PULL 100 TON	650 HP D	345,885	142.54	33.02	35.86	15.09	23.40	391
			NO SPECIFIC MANUFACTURER								
	P10XX001		LEADS, 8" X 21", LENGTH 60'		14,064	5.54	1.34	1.46	0.61	0.00	57
	P10XX002		LEADS, 8" X 26", LENGTH 60'		17,300	7.58	1.65	1.79	0.75	0.00	78
	P10XX003		LEADS, 10" X 37", LENGTH 60'		28,864	12.32	2.76	2.99	1.26	0.00	135
P20	PILE HAMMERS, DOUBLE ACTING										
			INTERNATIONAL CONST. EQUIP. (I.C.E)								
	P20IC001	180	8,100 FT-LBS, MAXIMUM STROKE 4'9"	23 HP D	45,112	18.63	4.31	4.68	1.97	0.83	52
	P20IC002	440	18,100 FT-LBS, MAXIMUM STROKE 4'8"	50 HP D	72,347	30.50	6.91	7.50	3.16	1.80	122
	P20IC003	520	30,000 FT-LBS, MAXIMUM STROKE 5'11"	76 HP D	79,326	34.44	7.57	8.22	3.46	2.74	159
	P20IC004	640	40,000 FT-LBS, MAXIMUM STROKE 6'8"	90 HP D	83,885	36.88	8.01	8.70	3.66	3.24	169
	P20IC005	660	50,000 FT-LBS, MAXIMUM STROKE N/A	133 HP D	117,000	51.80	11.18	12.13	5.11	4.79	285
	P20IC006	1070	70,000 FT-LBS, MAXIMUM STROKE 7'0"	136 HP D	130,133	57.05	12.43	13.49	5.68	4.90	255
			MKT GEOTECHNICAL								
	P20MK001	DA-15C	9,350 FT-LBS,MAXIMUM STROKE 10'-6" DIESEL, (FUEL NOT INCLUDED)		51,877	20.48	4.95	5.38	2.26	0.00	60
	P20MK002	5	1,000 FT-LBS,MAXIMUM STROKE 7" (ADD COMPRESSOR)	250 CFM A	15,948	6.45	1.53	1.65	0.70	0.00	17
	P20MK003	6	2,500 FT-LBS,MAXIMUM STROKE 8-3/4" (ADD COMPRESSOR)	400 CFM A	20,405	8.27	1.95	2.12	0.89	0.00	31
	P20MK004	7	4,150 FT-LBS,MAXIMUM STROKE 9-1/2" (ADD COMPRESSOR)	450 CFM A	25,460	10.34	2.43	2.64	1.11	0.00	42
	P20MK005	9B3	8,750 FT-LBS,MAXIMUM STROKE 17"	600 CFM A	45,184	18.06	4.31	4.68	1.97	0.00	74

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
P20	PILE HAMMERS, DOUBLE ACTING									
		MKT GEOTECHNICAL								
	P20MK005	9B3	8,750 FT-LBS,MAXIMUM STROKE 17" 600 CFM A (ADD COMPRESSOR)	45,184	18.06	4.31	4.68	1.97	0.00	74
	P20MK006	10B3	13,100 FT-LBS,MAXIMUM STROKE 19" 750 CFM A (ADD COMPRESSOR)	47,704	19.20	4.56	4.95	2.08	0.00	114
	P20MK007	11B3	19,150 FT-LBS,MAXIMUM STROKE 19" 900 CFM A (ADD COMPRESSOR)	55,046	22.05	5.26	5.71	2.40	0.00	141
		VULCAN								
	P20VU001	50C	15,100 FT-LBS,MAXIMUM STROKE 15'-6" 1250 CFM A (ADD COMPRESSOR)	59,482	23.81	5.69	6.17	2.60	0.00	153
	P20VU002	65CA	19,200 FT-LBS,MAXIMUM STROKE 15'-6" 1450 CFM A (ADD COMPRESSOR)	67,579	27.07	6.46	7.01	2.95	0.00	153
	P20VU003	80C	24,450 FT-LBS,MAXIMUM STROKE 16'-6" 1750 CFM A (ADD COMPRESSOR)	73,037	29.34	6.98	7.57	3.19	0.00	184
	P20VU004	100C	32,900 FT-LBS,MAXIMUM STROKE N/A'' 2050 CFM A (ADD COMPRESSOR)	89,646	35.95	8.56	9.29	3.91	0.00	232
	P20VU005	140C	36,000 FT-LBS,MAXIMUM STROKE 15'-6" 2150 CFM A (ADD COMPRESSOR)	110,073	43.94	10.51	11.41	4.80	0.00	287
	P20VU006	200C	50,200 FT-LBS,MAXIMUM STROKE 15'-6" 2550 CFM A (ADD COMPRESSOR)	156,435	62.19	14.94	16.22	6.83	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)	57,427	21.38	5.49	5.95	2.51	0.00	78
	P25MK002	DA-35C	21,050 FT-LBS,MAXIMUM STROKE 10'-6" DIESEL, (FUEL NOT INCLUDED)	66,339	24.83	6.33	6.88	2.89	0.00	113
	P25MK003	DE-70B/50B	42,000 FT-LBS,MAXIMUM STROKE 10'-9" DIESEL, (FUEL NOT INCLUDED)	91,002	33.97	8.69	9.43	3.97	0.00	140
		VULCAN								

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
P25	PILE HAMMERS, SINGLE ACTING									
		VULCAN								
	P25VU001	1	15,000 FT-LBS (ADD COMPRESSOR) 750 CFM A	43,671	16.47	4.18	4.53	1.91	0.00	101
	P25VU002	06	19,500 FT-LBS (ADD COMPRESSOR) 900 CFM A	51,719	19.47	4.94	5.36	2.26	0.00	121
	P25VU003	08	26,000 FT-LBS (ADD COMPRESSOR) 1100 CFM A	63,214	23.78	6.04	6.55	2.76	0.00	175
	P25VU004	010	32,900 FT-LBS (ADD COMPRESSOR) 1350 CFM A	67,075	25.34	6.41	6.95	2.93	0.00	195
	P25VU005	012	39,000 FT-LBS (ADD COMPRESSOR) 1500 CFM A	75,547	28.35	7.22	7.83	3.30	0.00	215
	P25VU006	014	42,000 FT-LBS (ADD COMPRESSOR) 1750 CFM A	91,532	34.51	8.74	9.49	3.99	0.00	283
	P25VU007	016	48,750 FT-LBS (ADD COMPRESSOR) 1750 CFM A	101,631	38.21	9.70	10.54	4.43	0.00	320
	P25VU008	020	60,000 FT-LBS (ADD COMPRESSOR) 2150 CFM A	133,584	50.15	12.76	13.85	5.83	0.00	425
	P25VU009	030	90,000 FT-LBS (ADD COMPRESSOR) 2350 CFM A	150,427	56.42	14.36	15.59	6.56	0.00	575
P30	PILE HAMMERS, VIBRATORY									
		MKT GEOTECHNICAL								
	P30MK001	V-5B	MAXIMUM DRIVING FORCE 40 TON 113 HP D	84,560	36.38	8.08	8.77	3.69	4.07	108
	P30MK002	V-17	MAXIMUM DRIVING FORCE 80 TON 280 HP D	163,039	73.08	15.56	16.90	7.11	10.08	211
	P30MK003	V-20	MAXIMUM DRIVING FORCE 116 TON 350 HP D	196,388	88.63	18.75	20.36	8.57	12.60	239
	P30MK004	V-30	MAXIMUM DRIVING FORCE 160 TON 550 HP D	254,466	119.43	24.29	26.38	11.10	19.80	345
	P30MK005	V-36	MAXIMUM DRIVING FORCE 182 TON 650 HP D	285,791	135.67	27.29	29.63	12.47	23.40	440
P35	PIPELAYERS									
		CATERPILLAR								
	P35CA001	561D	15 FT BOOM, 40,000 LB CAP 105 HP D	160,011	37.20	11.13	9.77	6.24	2.10	357
	P35CA002	571G	18 FT BOOM, 60,000 LB CAP 200 HP D	253,994	59.99	17.66	15.51	9.90	4.00	502
	P35CA003	572G	18 FT BOOM, 90,000 LB CAP 200 HP D	275,862	64.67	19.18	16.85	10.75	4.00	605
	P35CA004	583K	20 FT BOOM, 140,000 LB CAP 300 HP D	365,061	86.58	25.38	22.30	14.23	6.00	905
P40	PLATFORMS, AERIAL WORK									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
P40	PLATFORMS, AERIAL WORK										
		GROVE									
	P40GV001	SM32700	SCISSOR,M-LIFT,26'HIGH,1500# CAP.	23 HP G	32,249	11.03	2.75	2.99	1.25	1.71	65
	P40GV002	SM31RT	SCISSOR,M-LIFT,25'HIGH,2000# CAP.	30 HP G	35,355	12.56	3.02	3.29	1.37	2.23	57
	P40GV003	SM42RT	SCISSOR,M-LIFT,36'HIGH,1500# CAP.	30 HP G	44,879	15.14	3.85	4.21	1.74	2.23	75
	P40GV004	MZ48B	BOOM,M-LIFT,42'HIGH, 600# CAP.	30 HP G	72,361	23.21	6.27	6.92	2.81	2.23	115
	P40GV005	MZ66A	BOOM,M-LIFT,60'HIGH, 750# CAP.	62 HP G	110,555	36.98	9.26	9.91	4.30	4.61	297
	P40GV006	MZ76	BOOM,M-LIFT,70'HIGH, 600# CAP.	62 HP G	132,439	42.76	11.24	12.17	5.15	4.61	360
	P40GV007	MZ90	BOOM,M-LIFT,84'HIGH, 600# CAP.	62 HP G	159,804	50.18	13.66	14.90	6.21	4.61	417
	P40GV008	MZ116B	BOOM,M-LIFT,110'HIGH,700# CAP.	62 HP G	222,969	67.45	19.18	21.04	8.66	4.61	430
	P40GV009	AMZ40XT	ART BOOM,M-LIFT,34.5'H,600# CAP,4WD	20 HP G	51,086	16.47	4.43	4.88	1.99	1.49	109
	P40GV010	AMZ50XT	ART BOOM,M-LIFT,43.5'H,600# CAP,4WD	33 HP G	63,713	21.17	5.54	6.11	2.48	2.45	157
	P40GV011	AMZ66XT	ART BOOM,M-LIFT,60'H,600# CAP,4WD	53 HP G	114,812	37.09	9.90	10.88	4.46	3.94	233
		REACH ALL									
	P40RE001	AP41MH	LINE TRUCK WITH AERIAL PLATFORM	165 HP G	73,625	36.72	6.39	7.05	2.86	12.27	160
P45	PUMPS, GROUT										
		CHEMGROUT									
	P45CG001	CG-050	GROUT PUMP,PORTABLE, 5 GPM, 100 PSI (ADD AIR COMPRESSOR)	15 CFM A	2,972	0.96	0.27	0.31	0.11	0.00	1
	P45CG002	CG-550	GROUT PLANT/MIXER, 5 GPM, 100 PSI (ADD AIR COMPRESSOR)	85 CFM A	5,254	1.71	0.48	0.55	0.20	0.00	3
	P45CG003	CG-500	GROUT PLANT, 1-20 GPM, 100 PSI (ADD AIR COMPRESSOR)	230 CFM A	14,012	4.44	1.26	1.47	0.52	0.00	11
	P45CG004	CG-600	COLLOIDAL PUMP/MIXER,20 GPM,100 PSI (ADD AIR COMPRESSOR)	450 CFM A	25,221	8.04	2.26	2.64	0.94	0.00	18
	P45CG005	CG-625	COLLOIDAL GROUT PUMP, 1.5 - 16 GPM (TRAILER MOUNTED)	22 HP D	27,312	9.87	2.44	2.84	1.02	1.17	26
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 ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	1,192	1.21	0.11	0.11	0.05	0.66	1
	P50HO002	RDTP2	2" - 10,400 GPH AT 25' HEAD, TRASH	6 HP D	1,946	0.96	0.17	0.18	0.08	0.30	1
	P50HO003	120TP3	3" - 19,680 GPH AT 25' HEAD, TRASH	8 HP G	1,453	1.81	0.13	0.13	0.06	1.06	2
	P50HO004	RDTP3	3" - 19,680 GPH AT 25' HEAD, TRASH	8 HP D	3,042	1.40	0.26	0.28	0.12	0.40	2
	P50HO005	160TP4	4" - 39,720 GPH AT 25' HEAD, TRASH	16 HP G	3,157	3.70	0.28	0.29	0.13	2.13	4
		WACKER									
	P50WC001	PT 2R	2" DIA TRASH PUMP, 235GPM AT 100'HD	5 HP G	1,134	1.19	0.10	0.10	0.05	0.66	1
	P50WC002	PT 3R	3" DIA TRASH PUMP, 440GPM AT 95'HD	8 HP G	1,406	1.80	0.13	0.13	0.06	1.06	2
	P50WC003	PT 4H	4" DIA TRASH PUMP, 625GPM AT 87'HD	12 HP D	5,702	2.42	0.49	0.52	0.23	0.60	6
	P50WC004	PT 6DT	6" DIA TRASH PUMP,1300GPM AT 100'HD	35 HP D	13,356	6.15	1.14	1.22	0.53	1.75	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 ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
P55	PUMPS, WATER, SUBMERSIBLE										
	.01 ENGINE DRIVE										
	.02 ELECTRIC DRIVE										
		GORMAN-RUPP									
	P55GR001	S2A1	2" - 138 GPM AT 20' HEAD	2 HP E	1,994	0.59	0.16	0.15	0.08	0.14	2
	P55GR002	S3A1	3" - 278 GPM AT 20' HEAD	5 HP E	2,722	1.05	0.21	0.20	0.11	0.36	3
	P55GR003	S4A1	4" - 860 GPM AT 40' HEAD	25 HP E	10,933	4.70	0.83	0.80	0.43	1.80	12
	P55GR004	S6A1	6" - 1,950 GPM AT 40' HEAD	60 HP E	13,868	8.92	1.06	1.01	0.55	4.32	14
		MARLOW									
	P55ML001	2S11	2" - 84 GPM AT 20' HEAD	1 HP E	1,463	0.39	0.12	0.11	0.06	0.07	1
	P55ML002	3S22	3" - 190 GPM AT 20' HEAD	2 HP E	2,071	0.59	0.16	0.15	0.08	0.14	1
	P55ML003	4S83	4" - 550 GPM AT 25' HEAD	8 HP E	2,820	1.38	0.22	0.21	0.11	0.58	1
		WACKER									
	P55WC001	STP 2500	3" - 485 GPM AT 55' HEAD	3 HP E	3,056	1.19	0.23	0.22	0.12	0.22	1
	P55WC002	STP 4500	4" - 350 GPM AT 85' HEAD	6 HP E	3,637	1.67	0.28	0.27	0.14	0.43	1
	P55WC003	STP 8000	4" - 975 GPM AT 110' HEAD	11 HP E	3,876	2.26	0.29	0.28	0.15	0.79	2
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	552	0.68	0.05	0.05	0.02	0.40	1
	P60HO002	111S2	2" - 9,000 GPH AT 22' HEAD	3 HP G	749	0.74	0.07	0.07	0.03	0.40	1
	P60HO003	120S3	3" -17,600 GPH AT 20' HEAD	8 HP G	1,274	1.76	0.11	0.12	0.05	1.06	1

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES (AVERAGE)	HOURLY ($/HR) (STANDBY)	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
P60	PUMPS, WATER,CENTRIF,DEWATERING										
	.11 ENGINE DRIVE										
		MARLOW									
	P60ML001	4D2	465 GPM AT 40' HEAD	38 HP G	11,119	9.78	0.96	1.01	0.45	5.05	13
	P60ML002	4C7	500 GPM AT 100' HEAD	30 HP D	11,765	5.35	1.01	1.07	0.47	1.50	10
	P60ML003	6E4P	1100 GPM AT 40' HEAD	79 HP G	16,737	18.55	1.44	1.53	0.67	10.51	19
	P60ML004	6E4P	1100 GPM AT 40' HEAD	60 HP D	21,586	10.17	1.85	1.97	0.86	3.00	24
	P60ML005	8FB3-1	2320 GPM AT 20' HEAD	70 HP D	27,796	12.60	2.38	2.54	1.11	3.50	29
	P60ML006	10FA61-1	2320 GPM AT 20' HEAD	68 HP D	28,924	12.77	2.48	2.64	1.16	3.40	34
	.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	1,151	0.86	0.11	0.11	0.05	0.40	1
	P65HO002	111DP3	3" - 4,800 GPH AT 25' HEAD	3 HP G	1,403	0.93	0.13	0.13	0.06	0.40	2

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	1,085	0.64	0.09	0.10	0.04	0.27	2
	.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	3,560	1.09	0.32	0.35	0.14	0.00	7
	R10CA002	D-3	RIPPER,SHANKS, EACH	208	0.06	0.02	0.02	0.01	0.00	1
	R10CA003	D-4	RIPPER,SINGLE-SHANK;W/HYD-CONTROL	6,577	1.95	0.58	0.65	0.25	0.00	12
	R10CA004	D-4	RIPPER,SHANKS, EACH	397	0.12	0.04	0.04	0.02	0.00	1
	R10CA005	D-5	RIPPER,SINGLE-SHANK;W/HYD-CONTROL	10,725	3.11	0.94	1.05	0.41	0.00	17

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
R10	RIPPERS & HYDRAULIC BANK SLOPERS (does not include cost of point wear)									
		CATERPILLAR								
	R10CA006	D-5	RIPPER,SHANKS, EACH	785	0.23	0.07	0.08	0.03	0.00	2
	R10CA007	D-6	RIPPER,MULTI-SHANK;W/HYD-CONTROL	14,928	4.32	1.32	1.47	0.58	0.00	35
	R10CA008	D-6	RIPPER,SHANKS, EACH	785	0.23	0.07	0.08	0.03	0.00	2
	R10CA009	D-7	RIPPER,MULTI-SHANK;W/HYD-CONTROL	24,600	7.06	2.16	2.42	0.95	0.00	65
	R10CA010	D-7	RIPPER,SHANKS, EACH	1,332	0.38	0.12	0.13	0.05	0.00	3
	R10CA011	D-8	RIPPER,SINGLE-SHANK;W/HYD-CNTL&SHNK	40,595	11.62	3.57	3.99	1.57	0.00	101
	R10CA012	D-8	RIPPER,MULTI-SHANK;W/HYD-CONTROL	40,243	11.51	3.53	3.95	1.55	0.00	104
	R10CA013	D-8	RIPPER,SHANKS, EACH	2,607	0.74	0.23	0.26	0.10	0.00	7
	R10CA014	D-9	RIPPER,SINGLE-SHANK;W/HYD-CNTL&SHNK	45,501	13.07	4.00	4.47	1.76	0.00	100
	R10CA015	D-9	RIPPER,MULTI-SHANK;W/HYD-CONTROL	43,424	12.48	3.82	4.27	1.68	0.00	108
	R10CA016	D-9	RIPPER,SHANKS, EACH	2,810	0.80	0.25	0.28	0.11	0.00	8
	R10CA017	D-10	RIPPER,SINGLE-SHANK	64,035	18.37	5.62	6.29	2.47	0.00	147
	R10CA018	D-10	RIPPER,MULTI-SHANK	65,173	18.70	5.72	6.40	2.52	0.00	150
	R10CA019	D-10	RIPPER,SHANKS, EACH	4,567	1.30	0.41	0.45	0.18	0.00	11
	R10CA020	D-11N	RIPPER,SINGLE-SHANK	85,590	24.51	7.52	8.41	3.31	0.00	191
	R10CA021	D-11N	RIPPER,MULTI-SHANK	81,051	23.23	7.11	7.96	3.13	0.00	206
	R10CA022	D-11N	RIPPER,SHANKS, EACH	5,192	1.47	0.46	0.51	0.20	0.00	15
		FIATALLIS								
	R10FI001	FD20	RIPPER, MULTI-SHANK (3), REAR	24,624	7.07	2.16	2.42	0.95	0.00	88
	R10FI002	FD30	RIPPER, MULTI-SHANK (3), REAR	40,076	11.47	3.52	3.94	1.55	0.00	108
	R10FI003	FD30B	RIPPER, MULTI-SHANK (3), HYD PITCH	49,527	14.15	4.35	4.87	1.91	0.00	108
	R10FI004	FD40	RIPPER, MULTI-SHANK, HYD PITCH	51,961	14.95	4.57	5.11	2.01	0.00	200
	R10FI005	FD40B	RIPPER, MULTI-SHANK, HYD PITCH	64,818	18.58	5.69	6.37	2.50	0.00	200
	R10FI006	FD50	RIPPER, MULTI-SHANK, HYD PITCH	64,162	18.48	5.63	6.30	2.48	0.00	280
R15	ROLLERS, TOWED - PNEUMATIC									
		SOUTHWEST								
	R15SO001	C-50	60 TON CAPACITY, STATIC	98,785	20.49	6.83	6.16	3.75	0.00	309
	R15SO002	C-75	75 TON CAPACITY, STATIC	109,033	22.57	7.39	6.49	4.14	0.00	347
	R15SO003	C-100XL	100 TON CAPACITY, STATIC	152,077	31.63	10.59	9.63	5.77	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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
R30	ROLLERS, STATIC, SELF-PROPELLED										
	.01 PNEUMATIC										
		BOMAG									
	R30BO001	BW12R	68.3" WIDE, 9 TIRES, HYDROSTATIC	73 HP D	44,024	14.40	3.72	4.03	1.70	2.63	90
	R30BO002	BW16R	78.2" WIDE, 8 TIRES, HYDROSTATIC	103 HP D	90,004	27.37	7.61	8.27	3.47	3.71	165
	R30BO003	BW20R	78.2" WIDE, 8 TIRES, HYDROSTATIC	103 HP D	96,641	29.03	8.19	8.92	3.73	3.71	254
		CATERPILLAR									
	R30CA001	PS-110	84" WIDE, 11 TIRES	77 HP D	59,649	18.62	5.05	5.50	2.30	2.77	69
	R30CA002	PS-180	68" WIDE, 9 TIRES	77 HP D	61,394	19.01	5.24	5.74	2.37	2.77	95
		FERGUSON									
	R30FR001	SP-912	12 TON, 9 TIRES	85 HP D	48,276	15.98	4.09	4.45	1.86	3.06	88
	R30FR002	SP-915	15 TON, 9 TIRES	85 HP D	54,085	17.43	4.60	5.02	2.09	3.06	121
	R30FR003	SP-1118	18 TON, 11 TIRES, HYDROSTATIC	85 HP D	63,033	19.73	5.35	5.84	2.43	3.06	110
	R30FR004	SP-1130	30 TON, 11 TIRES, HYDROSTATIC	121 HP D	103,853	31.70	8.78	9.53	4.01	4.36	228
		HYSTER									
	R30HY001	C530A	10-12.5 TON, 9 TIRES, POWERSHIFT	81 HP D	52,916	16.97	4.50	4.91	2.04	2.92	80
		INGRAM									
	R30IG001	9-2800-PB	12 TON, 9 TIRES, HYDROSTATIC	76 HP D	40,841	13.74	3.44	3.72	1.58	2.74	91
	R30IG002	9-3400-PB	15 TON, 9 TIRES, HYDROSTATIC	76 HP D	48,137	15.56	4.08	4.44	1.86	2.74	110
	R30IG003	11-2700-R	15 TON, 11 TIRES, HYDROSTATIC	80 HP D	50,932	16.47	4.28	4.64	1.96	2.88	82
	R30IG004	13-2300-R	15 TON, 13 TIRES, HYDROSTATIC	80 HP D	53,114	17.05	4.45	4.79	2.05	2.88	86
	R30IG005	9-5500-SB	25 TON, 9 TIRES, HYDROSTATIC	115 HP D	98,368	30.04	8.24	8.90	3.79	4.14	204
	R30IG006	9-6600-SB	30 TON, 9 TIRES, HYDROSTATIC	157 HP D	103,769	33.27	8.72	9.43	4.00	5.65	266
		INGERSOLL-RAND									
	R30IN001	PT-120R	13.5 TON, 9 TIRES, HYDROSTATIC	76 HP D	48,964	15.79	4.15	4.51	1.89	2.74	97
	R30IN002	PT-140A	14.0 TON, 9 TIRES, HYDROSTATIC	87 HP D	62,641	19.69	5.35	5.86	2.42	3.13	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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
R30	ROLLERS, STATIC, SELF-PROPELLED										
	.02 SMOOTH DRUM										
		FERGUSON									
	R30FR005	35A	3-5 TON, TANDEM, HYDROSTATIC	50 HP D	36,285	10.21	2.81	2.86	1.38	1.80	83
	R30FR006	46A	4-6 TON, TANDEM, HYDROSTATIC	50 HP D	43,019	11.68	3.33	3.39	1.63	1.80	95
	R30FR007	5-8B	5-8 TON, TANDEM, HYDROSTATIC	85 HP D	63,715	17.80	4.94	5.03	2.42	3.06	131
	R30FR008	8-10.5B	8-10 TON, TANDEM, HYDROSTATIC	85 HP D	67,037	18.52	5.19	5.29	2.54	3.06	162
	R30FR009	8-12B	8-12 TON, TANDEM, HYDROSTATIC	85 HP D	70,282	19.25	5.45	5.55	2.67	3.06	171
	R30FR010	10-14B	10-14 TON, TANDEM, HYDROSTATIC	85 HP D	73,748	20.01	5.71	5.82	2.80	3.06	203
		HYSTER									
	R30HY002	C330B	3-5 TON, TANDEM	48 HP D	40,847	11.12	3.16	3.22	1.55	1.73	86
	R30HY003	C330B	4-6 TON, TANDEM	48 HP D	48,239	12.75	3.74	3.81	1.83	1.73	96
	R30HY004	C340C	5-8 TON, TANDEM	80 HP D	59,642	16.68	4.62	4.71	2.26	2.88	140
	R30HY005	C340C	8-10 TON, TANDEM	80 HP D	63,880	17.61	4.94	5.04	2.42	2.88	162
	R30HY006	C350D	8-12 TON, TANDEM	80 HP D	71,121	19.21	5.51	5.61	2.70	2.88	173
	R30HY007	C350D	10-14 TON, TANDEM	80 HP D	75,831	20.24	5.87	5.98	2.88	2.88	215
		INTERNATIONAL/DRESSER									
	R30ID001	S3-5B	3-5 TON, TANDEM	44 HP D	39,882	10.73	3.09	3.15	1.51	1.58	78
	R30ID002	S4-6B	4-6 TON, TANDEM	44 HP D	48,112	12.54	3.72	3.80	1.82	1.58	90
	R30ID003	708	5-8 TON, TANDEM	87 HP D	64,229	18.01	4.98	5.07	2.44	3.13	133
	R30ID004	710	8-10 TON, TANDEM	87 HP D	68,991	19.05	5.34	5.44	2.62	3.13	170
	R30ID005	712	8-12 TON, TANDEM	87 HP D	73,210	19.98	5.67	5.78	2.78	3.13	176
	R30ID006	714	10-14 TON, TANDEM	87 HP D	78,474	21.13	6.08	6.19	2.98	3.13	222
		INGRAM									
	R30IG007	10-15T AE	10-15 TON, 3 WHEEL, ARTICULATED	76 HP D	63,455	17.36	4.92	5.01	2.41	2.74	197
	R30IG008	12T EB	12 TON, 3 WHEEL, 3" OVERLAP	76 HP D	66,129	17.94	5.12	5.22	2.51	2.74	195
	R30IG009	14T EB	14 TON, 3 WHEEL, 3" OVERLAP	76 HP D	70,912	18.98	5.49	5.59	2.69	2.74	215
	R30IG010	4-6T FB	4-6 TON, TANDEM	54 HP G	32,449	13.54	2.51	2.56	1.23	5.17	82
	R30IG011	5-6.5T FB	5-6.5 TON, TANDEM, PORTABLE	54 HP G	40,321	15.27	3.12	3.18	1.53	5.17	97
	R30IG012	6-9T GB	6-9 TON, TANDEM	80 HP D	51,690	14.93	4.00	4.08	1.96	2.88	133
	R30IG013	8-10T GB	8-10 TON, TANDEM	85 HP D	55,334	15.96	4.29	4.37	2.10	3.06	173
	R30IG014	8-12T HB	8-12 TON, TANDEM	80 HP D	60,504	16.86	4.68	4.77	2.29	2.88	172

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
R30	ROLLERS, STATIC, SELF-PROPELLED										
	.02 SMOOTH DRUM										
		INGRAM									
	R30IG015	10-14T HB	10-14 TON, TANDEM	80 HP D	64,380	17.72	4.98	5.08	2.44	2.88	204
		ROSCO									
	R30RS001	DLX ROLLPAC III	1 TON, TANDEM, 34" WIDE	14 HP G	7,484	3.30	0.58	0.59	0.28	1.34	14
	R30RS002	STAPAC III	2 TON, TANDEM, 40" WIDE	18 HP G	10,550	4.45	0.82	0.83	0.40	1.72	23
	.03 TAMPING FOOT										
		CATERPILLAR									
	R30CA003	815B	LANDFILL COMPACTOR, 56"DIA X 38.5"L TAMPING FOOT, WITHOUT BLADE	210 HP D	205,713	54.59	15.92	16.23	7.80	7.56	420
	R30CA004	816B	LANDFILL COMPACTOR, 63"D X 40"L CHOPPER WHEELS, WITH STRAIGHT BLADE	210 HP D	203,811	54.17	15.77	16.08	7.73	7.56	451
	R30CA005	825C	LANDFILL COMPACTOR, 51" DIA X 44" L TAMPING FOOT, WITHOUT BLADE	310 HP D	303,111	80.48	23.46	23.92	11.50	11.16	654
	R30CA006	825C	LANDFILL COMPACTOR, 51" DIA X 44" L TAMPING FOOT, WITH STRAIGHT BLADE	310 HP D	317,445	83.63	24.57	25.05	12.04	11.16	706
	R30CA007	826C	LANDFILL COMPACTOR, 60"D X 48"L CHOPPER WHEELS, WITH STRAIGHT BLADE	310 HP D	320,569	84.31	24.81	25.29	12.16	11.16	690
R40	ROLLERS, VIBRATORY, TOWED										
		CATERPILLAR									
	R40CA001	TSF-54 (PADS)	54"W X 30"D, PADFOOT, 5 TON	35 HP D	24,277	8.77	2.14	2.39	0.94	1.75	48
	R40CA002	TSM	54"W X 30"D, 5 TON	35 HP D	22,135	8.19	1.94	2.18	0.85	1.75	48
		HYSTER									
	R40HY001	C200B	48" DIAMETER X 60" WIDE	36 HP G	28,744	13.96	2.53	2.83	1.11	4.79	72
	R40HY002	C210A (PADS)	58" DIAMETER X 60" WIDE	36 HP G	35,421	15.74	3.12	3.49	1.37	4.79	92

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES ($/HR) AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
R40	ROLLERS, VIBRATORY, TOWED										
		HYSTER									
	R40HY003	C200B	48" DIAMETER X 60" WIDE	36 HP D	34,970	11.68	3.08	3.45	1.35	1.80	72
	R40HY004	C210A (PADS)	58" DIAMETER X 60" WIDE	36 HP D	41,647	13.46	3.67	4.11	1.61	1.80	92
		SOUTHWEST									
	R40SO001	566 SHEEPSFOOT	72" WIDE X 56" DIA., 25.5 TON	50 HP D	121,713	35.66	10.69	12.00	4.69	2.50	165
	R40SO002	756 SHEEPSFOOT	78" WIDE X 66" DIA., 23.5 TON	75 HP D	127,902	38.96	11.24	12.61	4.93	3.75	169
R45	ROLLERS, VIBRATORY, DOUBLE DRUM,										
		BOMAG									
	R45BO001	BW120AD	47.2" WIDE X 26.6" DIA.,HYDROSTATIC	35 HP D	36,184	13.68	3.19	3.57	1.40	1.75	51
	R45BO002	BW141AD	55.9" WIDE X 41.3" DIA.,HYDROSTATIC	74 HP D	78,018	29.39	6.86	7.69	3.01	3.70	136
	R45BO003	BW151AD	66.1" WIDE X 41.4" DIA.,HYDROSTATIC	74 HP D	92,155	33.83	8.10	9.09	3.55	3.70	146
	R45BO004	BW161AD	66.0" WIDE X 47" DIA.,HYDROSTATIC	102 HP D	101,465	38.61	8.92	10.01	3.91	5.10	188
	R45BO005	BW202AD	80.0" WIDE X 48" DIA.,HYDROSTATIC	102 HP D	107,308	40.44	9.43	10.58	4.14	5.10	209
		CATERPILLAR									
	R45CA001	CB-214B	39.4" WIDE X 27.5" DIAMETER	33 HP D	29,952	11.59	2.64	2.95	1.16	1.65	51
	R45CA002	CB-244B	47.2" WIDE X 27.5" DIAMETER	33 HP D	35,255	13.26	3.10	3.48	1.36	1.65	54
	R45CA003	CB-314	44" WIDE X 30" DIAMETER	55 HP D	40,674	16.41	3.58	4.01	1.57	2.75	74
	R45CA004	CB-414	55" WIDE X 42" DIAMETER	70 HP D	83,923	30.99	7.38	8.28	3.24	3.50	128
	R45CA005	CB-434	56" WIDE X 43.5" DIAMETER	80 HP D	82,832	31.30	7.28	8.17	3.19	4.00	134
	R45CA006	CB-514	66" WIDE X 48" DIAMETER	91 HP D	106,107	39.34	9.32	10.46	4.09	4.55	200
	R45CA007	CB-534	67" WIDE X 51" DIAMETER	125 HP D	105,411	41.38	9.27	10.40	4.07	6.25	201
	R45CA008	CB-614	78" WIDE X 54" DIAMETER	155 HP D	127,910	50.42	11.24	12.62	4.93	7.75	226
		DYNAPAC									
	R45DY001	CC101	42" WIDE X 26" DIA., TANDEM, 2 TON	31 HP D	39,870	14.58	3.51	3.93	1.54	1.55	53
	R45DY002	CC211	57" WIDE X 41" DIA., TANDEM, 4 TON	72 HP D	97,779	35.47	8.59	9.64	3.77	3.60	157
	R45DY003	CC421	68" WIDE X 48" DIA., TANDEM, 12 TON	123 HP D	121,738	46.38	10.71	12.01	4.70	6.15	224

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
R45	ROLLERS, VIBRATORY, DOUBLE DRUM,										
		DYNAPAC									
	R45DY004	CC501	84" WIDE X 60" DIA., TANDEM, 18 TON	210 HP D	176,958	69.46	15.56	17.45	6.83	10.50	342
	R45DY005	CC511PD (PADS)	84" WIDE X 61" DIA., TANDEM, TF 22T	154 HP D	163,199	61.44	14.34	16.10	6.29	7.70	341
		HYSTER									
	R45HY001	C727A	72" WIDE X 48" DIAMETER, TANDEM	130 HP D	104,440	41.40	9.18	10.30	4.03	6.50	226
	R45HY002	C766A	66" WIDE X 48" DIAMETER, TANDEM	102 HP D	104,148	39.45	9.16	10.27	4.02	5.10	183
		INTERNATIONAL/DRESSER									
	R45ID001	VOS2-42A	42"WIDE X 30" DIAMETER, HYDROSTATIC	41 HP D	43,879	16.50	3.86	4.33	1.69	2.05	54
	R45ID002	VOST2-42A	42"WIDE X 30" DIAMETER, HYDROSTATIC	41 HP D	50,786	18.67	4.47	5.01	1.96	2.05	63
	R45ID003	VOS2-66B	66"WIDE X 48" DIAMETER, HYDROSTATIC	120 HP D	115,132	44.09	10.12	11.35	4.44	6.00	174
		INGERSOLL-RAND									
	R45IN001	DD-23	39" WIDE X 28" DIAM., HYDROSTATIC	31 HP D	32,772	12.34	2.88	3.23	1.26	1.55	50
	R45IN002	DD-25	47" WIDE X 28" DIAM., HYDROSTATIC	31 HP D	36,913	13.64	3.24	3.64	1.42	1.55	56
	R45IN003	DD-35	40" WIDE X 30" DIAM., HYDROSTATIC	32 HP D	40,485	14.83	3.56	3.99	1.56	1.60	63
	R45IN004	DD-65	55" WIDE X 41" DIAM., HYDROSTATIC	70 HP D	89,611	32.78	7.88	8.84	3.46	3.50	135
	R45IN005	DD-90	66" WIDE X 48" DIAM., HYDROSTATIC	112 HP D	110,697	42.17	9.73	10.92	4.27	5.60	188
	R45IN006	DA-D50	75" WIDE X 50" DIAM., HYDROSTATIC	115 HP D	112,950	43.08	9.93	11.14	4.36	5.75	207
	R45IN007	DD-145	84" WIDE X 60" DIAM., HYDROSTATIC	156 HP D	153,176	58.43	13.47	15.11	5.91	7.80	310
		ROSCO									
	R45RS001	VIBRASTATT III	36" WIDE, 2 TON, TANDEM	18 HP G	11,963	6.92	1.05	1.18	0.46	2.39	28
	R45RS002	HYDRAPAC	46" WIDE, 2 TON, TANDEM,ARTICULATED	30 HP D	27,415	10.59	2.41	2.70	1.06	1.50	53
		TAMPO									
	R45TA001	RS-156A	56" WIDE X 42" DIA, HYDROSTATIC	78 HP D	80,439	30.42	7.07	7.93	3.10	3.90	141
	R45TA002	RS-166A	66" WIDE X 48" DIA, HYDROSTATIC	102 HP D	100,190	38.20	8.80	9.88	3.86	5.10	192
R50	ROLLERS, VIBRATORY, SINGLE DRUM										

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE OWNERSHIP DEPR	CFC	ELEMENTS FUEL	CWT
R50	ROLLERS, VIBRATORY, SINGLE DRUM										
		BOMAG									
	R50BO001	BW142D	56" WIDE X 42" DIA, HYDROSTATIC	51 HP D	74,650	25.66	6.51	7.25	2.88	2.55	98
	R50BO002	BW172D	66" WIDE X 48" DIA, HYDROSTATIC	71 HP D	73,907	26.76	6.44	7.17	2.85	3.55	122
	R50BO003	BW213D	83" WIDE X 59" DIA, HYDROSTATIC	119 HP D	106,870	39.79	9.26	10.27	4.12	5.95	231
	R50BO004	BW217D	84" WIDE X 63" DIA, HYDROSTATIC	186 HP D	153,405	58.10	13.35	14.86	5.92	9.30	389
		CATERPILLAR									
	R50CA001	CS-323	48" WIDE X 38" DIAMETER	77 HP D	63,620	24.05	5.56	6.21	2.45	3.85	92
	R50CA002	CP-323 (PADS)	48" WIDE X 38" DIAMETER, PADFOOT	77 HP D	71,013	26.26	6.21	6.94	2.74	3.85	93
	R50CA003	CS-413B	66" WIDE X 48" DIAMETER	102 HP D	72,056	28.26	6.28	6.99	2.78	5.10	139
	R50CA004	CP-433B (PADS)	66" WIDE X 48" DIAMETER, PADFOOT	102 HP D	90,664	33.80	7.91	8.82	3.50	5.10	148
	R50CA005	CS-433B	66" WIDE X 48" DIAMETER	102 HP D	83,213	31.58	7.26	8.09	3.21	5.10	142
	R50CA006	CS-551	84" WIDE X 60" DIAMETER	155 HP D	99,326	39.95	8.59	9.51	3.83	7.75	230
	R50CA007	CP-553 (PADS)	84" WIDE X 61" DIAMETER, PADFOOT	155 HP D	119,985	46.10	10.40	11.54	4.63	7.75	270
	R50CA008	CS-553	84" WIDE X 51" DIAMETER	155 HP D	106,079	41.95	9.18	10.17	4.09	7.75	238
	R50CA009	CS-563	84" WIDE X 60" DIAMETER	145 HP D	108,092	41.90	9.36	10.37	4.17	7.25	245
	R50CA010	CP-563 (PADS)	84" WIDE X 51" DIAMETER, PADFOOT	145 HP D	119,923	45.43	10.40	11.54	4.63	7.25	255
		DYNAPAC									
	R50DY001	CA-151D	66" WIDE X 48" DIA., 11 TON	98 HP D	89,303	33.13	7.79	8.69	3.44	4.90	142
	R50DY002	CA-151PD (PADS)	66" WIDE X 48" DIA., 13 TON,TAMP FT	98 HP D	101,743	36.84	8.89	9.93	3.92	4.90	153
	R50DY003	CA-251	66" WIDE X 48" DIA., 18 TON	151 HP D	109,049	42.59	9.42	10.42	4.21	7.55	212
	R50DY004	CA-251PD (PADS)	84" WIDE X 60" DIA., 22 TON,TAMP FT	151 HP D	129,635	48.72	11.25	12.50	5.00	7.55	247
	R50DY005	CA-301D	84" WIDE X 61" DIA., 22 TON	151 HP D	130,864	49.09	11.36	12.62	5.05	7.55	266
		HYSTER									
	R50HY001	C610B	72" WIDE X 48" DIAMETER, DRUM DRIVE	80 HP D	75,647	27.67	6.25	6.65	2.92	4.00	149
	R50HY002	C615B	72" WIDE X 48" DIAMETER, DRUM DRIVE	80 HP D	80,663	29.15	6.68	7.14	3.11	4.00	151
	R50HY003	C620B	84" WIDE X 48" DIAMETER, DRUM DRIVE	80 HP D	83,251	29.93	6.91	7.40	3.21	4.00	163
	R50HY004	C625B	84" WIDE X 48" DIAMETER, DRUM DRIVE	80 HP D	86,941	31.02	7.23	7.76	3.35	4.00	165
	R50HY005	C830B	66.5" WIDE X 48" DIAMETER	107 HP D	71,286	28.60	5.86	6.22	2.75	5.35	133
	R50HY006	C612B (PAD)	72" WIDE X 51" DIAMETER	82 HP D	82,033	30.15	6.80	7.28	3.16	4.10	167
	R50HY007	C830B	66.5"WIDE X 48"DIAMETER, DRUM DRIVE	107 HP D	78,922	30.55	6.87	7.66	3.04	5.35	130
	R50HY008	C832B (PAD)	66.5"WIDE X 67"DIAMETER, DRUM DRIVE	107 HP D	85,036	32.38	7.41	8.25	3.28	5.35	146

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
R50	ROLLERS, VIBRATORY, SINGLE DRUM										
		HYSTER									
	R50HY009	C850B	84" WIDE X 59" DIAMETER	145 HP D	102,305	40.16	8.86	9.82	3.95	7.25	208
	R50HY010	C850B	84" WIDE X 59" DIAMETER, DRUM DRIVE	145 HP D	111,598	42.77	9.67	10.74	4.30	7.25	208
	R50HY011	C860B	84" WIDE X 60" DIAMETER	145 HP D	116,588	44.41	10.12	11.23	4.50	7.25	243
	R50HY012	C852B (PAD)	84" WIDE X 67" DIAMETER	145 HP D	121,306	45.85	10.49	11.61	4.68	7.25	235
	R50HY013	C860B	84" WIDE X 60" DIAMETER, DRUM DRIVE	145 HP D	125,849	47.02	10.93	12.15	4.85	7.25	243
		INTERNATIONAL/DRESSER									
	R50ID001	VOS66A	66" WIDE X 48" DIA., GEN'L PURPOSE	80 HP D	82,589	29.94	7.20	8.02	3.19	4.00	129
	R50ID002	VOSD66A	66" WIDE X 48" DIA., DRUM DRIVE	80 HP D	89,931	32.06	7.85	8.75	3.47	4.00	131
	R50ID003	VOSA66A	66" WIDE X 48" DIA., ASPHALT	80 HP D	90,489	32.29	7.90	8.81	3.49	4.00	133
	R50ID004	VOSPD66A (PAD)	66" WIDE X 48" DIA., DRUM DRIVE	80 HP D	99,256	34.84	8.67	9.67	3.83	4.00	139
	R50ID005	VOS84A	84" WIDE X 60" DIA., GEN'L PURPOSE	120 HP D	100,010	37.78	8.73	9.73	3.86	6.00	209
	R50ID006	VOSA84A	84" WIDE X 60" DIA., ASPHALT	120 HP D	109,372	40.62	9.49	10.54	4.22	6.00	215
	R50ID007	VOSD84A	84" WIDE X 60" DIA., DRUM DRIVE	120 HP D	110,396	40.81	9.64	10.76	4.26	6.00	215
	R50ID008	VOSPD84A (PAD)	84" WIDE X 60" DIA., DRUM DRIVE	120 HP D	116,906	42.75	10.21	11.40	4.51	6.00	209
		INGERSOLL-RAND									
	R50IN001	SD-40D	54" WIDE X 38" DIAM., HYDROSTATIC	54 HP D	62,035	22.09	5.40	6.01	2.39	2.70	96
	R50IN002	SP-40F (PADS)	54" WIDE X 44" DIAM., HYDROSTATIC	54 HP D	66,208	23.33	5.76	6.42	2.55	2.70	100
		TAMPO									
	R50TA001	RS-16-HD	60" WIDE X 48" DIA, HYDROSTATIC	78 HP D	72,087	26.68	6.28	7.00	2.78	3.90	124
	R50TA002	RS-16A-HD	60" WIDE X 48" DIA, HYDROSTATIC	78 HP D	75,948	27.83	6.62	7.38	2.93	3.90	133
	R50TA003	RP-16D-HD (PADS	60" WIDE X 48" DIA, HYDROSTATIC	78 HP D	80,371	29.15	7.01	7.82	3.10	3.90	136
	R50TA004	RS-58	84" WIDE X 60" DIA, HYDROSTATIC	132 HP D	98,734	38.23	8.55	9.47	3.81	6.60	208
	R50TA005	RS-58A	84" WIDE X 60" DIA, HYDROSTATIC	132 HP D	107,375	40.80	9.31	10.34	4.14	6.60	208
	R50TA006	RS-58D	84" WIDE X 60" DIA, HYDROSTATIC	132 HP D	104,265	39.88	9.03	10.02	4.02	6.60	222
	R50TA007	RP-580D (PADS)	84" WIDE X 60" DIA, HYDROSTATIC	132 HP D	111,885	42.16	9.71	10.77	4.32	6.60	234
R55	ROOFING EQUIPMENT										

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
R55	ROOFING EQUIPMENT										
		AEROIL PRODUCTS									
	R55AE001	EZ LOAD 240	KETTLE, 240 GAL.,WITH PUMP & COVER		7,246	3.05	0.78	0.99	0.28	0.00	17
	R55AE002	EZ LOAD 400	KETTLE, 400 GAL.,WITH PUMP & COVER		9,117	3.70	0.97	1.24	0.35	0.00	23
	R55AE003	EZ LOAD 600	KETTLE, 600 GAL.,WITH PUMP & COVER		12,180	5.01	1.29	1.63	0.47	0.00	38
	R55AE004	EZ LOAD 900	KETTLE, 900 GAL.,WITH PUMP & COVER		15,253	7.28	1.58	1.97	0.59	0.00	54
	R55AE005	MODEL 52	CONVEYOR, HYDRAULIC, 52' HEIGHT	23 HP G	22,702	10.52	2.44	3.13	0.87	2.04	39
	R55AE006	MODEL 62	CONVEYOR, HYDRAULIC, 62' HEIGHT	23 HP G	25,614	11.57	2.76	3.54	0.99	2.04	55
	R55AE007	MODEL 68	CONVEYOR, HYDRAULIC, 68' HEIGHT	23 HP G	28,657	12.64	3.08	3.96	1.10	2.04	58
	R55AE008	MODEL S	RHINO ROOF PEELER, 16" WIDE	8 HP G	4,007	2.29	0.43	0.56	0.15	0.71	4
	R55AE009	MARK I	ROOF CUTTER,SINGLE BLADE,3.75"DEPTH	9 HP G	1,473	1.52	0.17	0.21	0.06	0.80	2
	R55AE010	MARK II	ROOF CUTTER,DOUBLE BLADE,3.75"DEPTH	16 HP G	2,549	2.67	0.28	0.36	0.10	1.42	3
		GARLOCK									
	R55GL001	MODEL 115	KETTLE, 115 GAL.		2,386	1.33	0.24	0.30	0.09	0.00	9
	R55GL002	MODEL 175	KETTLE, 175 GAL. WITH PUMP		4,619	2.12	0.49	0.61	0.18	0.00	12
	R55GL003	MODEL 400	KETTLE, 400 GAL. WITH PUMP		6,615	3.07	0.70	0.89	0.25	0.00	24
	R55GL004	MODEL 600	KETTLE, 600 GAL. WITH PUMP		8,246	3.64	0.88	1.11	0.32	0.00	32
	R55GL005	MODEL 62	CONVEYOR, HYDRAULIC, 62' HEIGHT	25 HP G	26,995	12.30	2.93	3.77	1.04	2.22	60
	R55GL006	MODEL 72	CONVEYOR, HYDRAULIC, 72' HEIGHT	25 HP G	32,374	14.20	3.51	4.52	1.25	2.22	70
	R55GL007	MODEL 1400	HOIST, HYDRAULIC SWING	18 HP G	8,341	4.92	0.90	1.16	0.32	1.60	7
	R55GL008	MODEL 86	POWER SWEEPER, 42" WIDTH	4 HP G	1,926	1.12	0.21	0.27	0.07	0.35	2
	R55GL009		ROTARY PLANER, 12" PATH	8 HP G	1,497	1.41	0.17	0.21	0.06	0.71	2
	R55GL010	MODEL 21	ROOF CUTTER, 21", DOUBLE SAW	16 HP G	2,474	2.64	0.28	0.35	0.10	1.42	3
	R55GL011	MODEL 30	ROOF CUTTER, 30", DOUBLE SAW	16 HP G	2,529	2.65	0.28	0.35	0.10	1.42	3
S10	SCRAPERS, ELEVATING										
	.01 0 THRU 200 HP										
		CATERPILLAR									
	S10CA001	613-C	11 CY, 13 TON, POWERSHIFT	175 HP D	178,741	49.34	13.44	13.29	6.79	6.48	330
		INTERNATIONAL/DRESSER									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
S10	SCRAPERS, ELEVATING										
	.01 0 THRU 200 HP										
		INTERNATIONAL/DRESSER									
	S10ID001	412B	11 CY, POWERSHIFT	165 HP D	169,511	47.13	12.69	12.50	6.44	6.11	335
		JOHN DEERE									
	S10JD001	762B	11 CY, 13.7 TON, POWERSHIFT	180 HP D	158,423	45.20	11.87	11.70	6.02	6.66	371
	.02 OVER 200 HP										
		CATERPILLAR									
	S10CA002	615-C	16 CY, 19 TON, POWERSHIFT	265 HP D	268,226	71.77	20.37	21.12	9.81	9.81	514
	S10CA003	623-E	22 CY, 25 TON, POWERSHIFT	365 HP D	378,698	101.68	28.62	29.51	13.86	13.51	743
		FIATALLIS									
	S10FI001	161	15 CY, 18.7 TON, POWERSHIFT	229 HP D	221,652	60.35	16.73	17.24	8.11	8.47	466
	S10FI002	261B	23 CY, 26.5 TON, POWERSHIFT	325 HP D	331,832	88.93	25.15	26.01	12.14	12.03	635
		JOHN DEERE									
	S10JD002	862B	16 CY, 20.0 TON, POWERSHIFT	265 HP D	222,456	62.29	16.80	17.31	8.14	9.81	482
S15	SCRAPERS, CONVENTIONAL										
		CATERPILLAR									
	S15CA001	621-E	14-20 CY, 24 TON, POWERSHIFT	330 HP D	340,702	90.43	25.63	26.32	12.47	10.89	670
	S15CA002	631-E	21-31 CY, 37.5 TON, POWERSHIFT	450 HP D	538,016	139.34	40.53	41.69	19.68	14.85	946
	S15CA003	651-E	32-44 CY, 52 TON, POWERSHIFT	550 HP D	705,287	180.19	53.27	54.93	25.80	18.15	1,328
		FIATALLIS									
	S15FI001	260B	15-21 CY, 25 TON,POWERSHIFT	330 HP D	292,784	79.65	22.04	22.65	10.71	10.89	583

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
S15	SCRAPERS, CONVENTIONAL										
		KOMATSU									
	S15KM001	WS23S-2	21-31 CY, PUSH PULL	450 HP D	549,619	140.69	41.64	43.05	20.11	14.85	805
		TEREX									
	S15TE001	S24C	24-34 CY, 40.8 TON	480 HP D	532,395	140.24	39.96	40.95	19.48	15.84	1,021
S20	SCRAPERS, TANDEM POWERED										
		CATERPILLAR									
	S20CA001	627-E	14-20 CY, 24 TON, POWERSHIFT	225 HP D	392,954	110.59	29.67	30.57	14.38	15.75	758
			(WITH CARRIER ENGINE)	225 HP D							
	S20CA002	627-E PP	14-20 CY, 24 TON, PUSH-PULL, PS	225 HP D	417,085	115.54	31.56	32.60	15.26	15.75	790
			(WITH CARRIER ENGINE)	225 HP D							
	S20CA003	637-E	21-31 CY, 37.5 TON, POWERSHIFT	450 HP D	679,911	184.91	51.69	53.61	24.88	24.50	1,100
			(WITH CARRIER ENGINE)	250 HP D							
	S20CA004	637-E PP	21-31 CY, 37.5 TON, PUSH-PULL,PS	450 HP D	707,832	190.64	53.88	55.96	25.90	24.50	1,136
			(WITH CARRIER ENGINE)	250 HP D							
	S20CA005	657-E	32-44 CY, 52 TON, POWER SHIFT	550 HP D	851,084	234.42	64.73	67.18	31.14	33.25	1,522
			(WITH CARRIER ENGINE)	400 HP D							
	S20CA006	657-E PP	32-44 CY, 52 TON, PUSH-PULL, PS	550 HP D	902,665	245.00	68.79	71.51	33.03	33.25	1,597
			(WITH CARRIER ENGINE)	400 HP D							
		KOMATSU									
	S20KM001	WS23-2	21-31 CY	399 HP D	613,847	175.68	46.49	48.06	22.46	27.93	1,032
			(WITH CARRIER ENGINE)	399 HP D							
		TEREX									
	S20TE001	TS-14B	14-20 CY, 23.5 TON	144 HP D	331,081	88.97	25.01	25.80	12.11	10.08	576
			(WITH CARRIER ENGINE)	144 HP D							
	S20TE002	TS-24C	24-34 CY, 40.8 TON	480 HP D	660,088	183.73	49.99	51.67	24.15	25.90	1,128
			(WITH CARRIER ENGINE)	260 HP D							

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
S25	SCRAPERS, TRACTOR DRAWN										
		ROME									
	S25RM001	R67H	12-18 CY, 18 TON, WITH HYDRAULICS (ADD TRACTOR)		99,753	20.35	6.69	5.90	3.74	0.00	235
	S25RM002	R89H	18-26 CY, 27 TON, WITH HYDRAULICS (ADD TRACTOR)		111,170	23.17	7.23	6.12	4.17	0.00	373
S35	SNOW REMOVAL EQUIPMENT										
		AMERICAN ROAD MACHINERY									
	S35AR001	112	REVERSIBLE SNOW PLOW (ADD DUMP TRK)		2,753	0.74	0.25	0.27	0.11	0.00	15
	S35AR002	713	1-WAY TRIP SNOW PLOW (ADD DUMP TRK)		4,411	1.18	0.39	0.43	0.17	0.00	20
S40	SOIL STABILIZERS										
		BOMAG									
	S40BO001	MPH-100R	14.5" DEEP X 79" WIDE, HYDROSTATIC	345 HP D	228,533	69.38	17.51	17.65	8.68	12.77	313
		CATERPILLAR									
	S40CA001	RR250	12" DEEP X 96" WIDE, HYDROSTATIC	335 HP D	211,162	64.46	16.10	16.16	8.02	12.40	393
	S40CA002	SS250	18" DEEP X 96" WIDE, HYDROSTATIC	335 HP D	190,117	59.78	14.50	14.56	7.22	12.40	265
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	10,449	5.18	1.11	1.37	0.42	0.00	2
	S45DA002	02-7	220 TON, S FORCE, SIZE 7,(ADD COMP)	80 CFM A	12,273	5.98	1.29	1.60	0.49	0.00	2

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
S45	SPLITTERS, ROCK & CONCRETE									
		DARDA								
	S45DA002	02-7	220 TON, S FORCE, SIZE 7,(ADD COMP) 80 CFM A 1-3/4" DIA., 18" DEEP HOLE REQ'D	12,273	5.98	1.29	1.60	0.49	0.00	2
	S45DA003	02-8S	350 TON, S FORCE, SIZE 8,(ADD COMP) 80 CFM A 1-3/4" DIA., 26" DEEP HOLE REQ'D	12,621	6.22	1.33	1.65	0.50	0.00	2
T10	TRACTOR BLADES & ATTACHMENTS									
		CATERPILLAR								
	T10CA001	3P	BLADE, POWER ANGLE TILT,FOR D3	10,474	2.39	0.81	0.82	0.40	0.00	24
	T10CA002	53	WINCH, (ADD CABLE),FOR D3 TRACTOR	7,440	1.72	0.57	0.58	0.28	0.00	9
	T10CA003	4S	BLADE, STRAIGHT,HYDRAULIC,FOR D4	12,837	2.92	1.00	1.01	0.49	0.00	34
	T10CA004	4A	BLADE, ANGLE, HYDRAULIC, FOR D4	13,085	2.97	1.02	1.03	0.50	0.00	34
	T10CA005	54	WINCH, (ADD CABLE),FOR D4 TRACTOR	21,662	4.86	1.67	1.70	0.82	0.00	20
	T10CA006	5S	BLADE, STRAIGHT,HYDRAULIC,FOR D5	15,342	3.47	1.19	1.21	0.58	0.00	41
	T10CA007	5A	BLADE, ANGLE, HYDRAULIC, FOR D5	15,614	3.53	1.21	1.23	0.59	0.00	42
	T10CA008	55	WINCH, (ADD CABLE),FOR D5 TRACTOR	18,615	4.19	1.44	1.46	0.71	0.00	22
	T10CA009	6S	BLADE, STRAIGHT,HYDRAULIC,FOR D6	20,495	4.61	1.59	1.61	0.78	0.00	52
	T10CA010	6A	BLADE, ANGLE, HYDRAULIC, FOR D6	22,786	5.12	1.77	1.79	0.87	0.00	63
	T10CA011	56	WINCH, (ADD CABLE),FOR D6 TRACTOR	25,119	5.62	1.94	1.97	0.95	0.00	32
	T10CA012	7S	BLADE, STRAIGHT,HYDRAULIC,FOR D7	29,322	6.55	2.26	2.30	1.11	0.00	76
	T10CA013	7U	BLADE, UNIVERSAL,HYDRAULIC,FOR D7	32,324	7.22	2.50	2.54	1.23	0.00	87
	T10CA014	7A	BLADE, ANGLE, HYDRAULIC, FOR D7	30,534	6.82	2.36	2.40	1.16	0.00	80
	T10CA015	57	WINCH, (ADD CABLE),FOR D7 TRACTOR	31,187	6.98	2.41	2.45	1.18	0.00	41
	T10CA016	8S	BLADE, STRAIGHT,HYDRAULIC,FOR D8	39,453	8.83	3.05	3.10	1.50	0.00	126
	T10CA017	8U	BLADE, UNIVERSAL,HYDRAULIC,FOR D8	41,999	9.41	3.25	3.30	1.60	0.00	136
	T10CA018	8A	BLADE, ANGLE, HYDRAULIC, FOR D8	38,962	8.73	3.01	3.06	1.48	0.00	136
	T10CA019		BLADE, PUSH PLATE FOR D8	1,335	0.34	0.10	0.10	0.05	0.00	6
	T10CA020	58	WINCH, (ADD CABLE),FOR D8 TRACTOR	30,358	6.86	2.35	2.39	1.15	0.00	47
	T10CA021	9SU	BLADE, SEMI-U, HYDRAULIC, FOR D9	51,425	11.54	3.97	4.04	1.95	0.00	155
	T10CA022	9U	BLADE, UNIVERSAL,HYDRAULIC,FOR D9	53,239	11.94	4.11	4.18	2.02	0.00	153
	T10CA023	59	WINCH, (ADD CABLE),FOR D9 TRACTOR	34,178	7.75	2.65	2.69	1.30	0.00	45
	T10CA024	10SU	BLADE, SEMI-U, HYDRAULIC, FOR D10	70,931	15.95	5.48	5.58	2.69	0.00	231
	T10CA025	10U	BLADE, UNIVERSAL,HYDRAULIC,FOR D10	76,075	17.09	5.88	5.98	2.89	0.00	251

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL RATES (AVERAGE)	HOURLY ($/HR) (STANDBY)	ADJUSTABLE ELEMENTS OWNERSHIP (DEPR)	(CFC)	FUEL	CWT
T10	TRACTOR BLADES & ATTACHMENTS									
		CATERPILLAR								
	T10CA026	11S	BLADE, STRAIGHT,HYDRAULIC,FOR D11	100,105	22.51	7.74	7.87	3.80	0.00	351
	T10CA027	11U	BLADE, UNIVERSAL,HYDRAULIC,FOR D11	109,200	24.54	8.44	8.58	4.15	0.00	400
		INTERNATIONAL/DRESSER								
	T10ID001	15D-2	BLADE, SEMI-U, HYDRAULIC, FOR 15D-2	17,151	3.84	1.33	1.35	0.65	0.00	45
	T10ID002	15G-2	BLADE, ANGLE, HYDRAULIC, FOR 15G-2	19,388	4.33	1.50	1.52	0.74	0.00	48
	T10ID003	20D-2	BLADE, SEMI-U, HYDRAULIC, FOR 20D-2	28,348	6.32	2.20	2.23	1.08	0.00	61
	T10ID004	20G-2	BLADE, ANGLE, HYDRAULIC, FOR 20G-2	30,934	6.89	2.40	2.43	1.18	0.00	71
	T10ID005	25D-2	BLADE, SEMI-U, HYDRAULIC, FOR 25D-2	39,645	8.86	3.07	3.12	1.51	0.00	114
	T10ID006	25G-2	BLADE, ANGLE, HYDRAULIC, FOR 25G-2	42,367	9.48	3.28	3.33	1.61	0.00	115
	T10ID007	40	BLADE, SEMI-U, HYDRAULIC, FOR 40	42,975	9.57	3.32	3.38	1.63	0.00	192
	T10ID008	40	BLADE, ANGLE, HYDRAULIC, FOR 40	48,133	10.76	3.72	3.78	1.83	0.00	210
		KOMATSU								
	T10KM001	D31E-18	BLADE, ANGLE TILT, FOR D31E-18	12,059	2.82	0.94	0.95	0.46	0.00	20
	T10KM002	D37E-2	BLADE, ANGLE TILT, FOR D37E-2	12,417	2.90	0.96	0.98	0.47	0.00	24
	T10KM003	D58E-1	BLADE, ANGLE TILT, FOR D58E-1	13,242	3.07	1.02	1.04	0.50	0.00	42
	T10KM004	D63E-1	BLADE, ANGLE TILT, FOR D63E-1	15,145	3.50	1.18	1.19	0.58	0.00	61
	T10KM005	D68E-1	BLADE, ANGLE TILT, FOR D68E-1	18,908	4.36	1.47	1.49	0.72	0.00	99
	T10KM006	D83E-1	BLADE, ANGLE TILT, FOR D83E-1	26,300	5.99	2.04	2.07	1.00	0.00	99
	T10KM007	D83E-1	BLADE, U-DOZER, FOR D83E-1	32,066	7.28	2.48	2.52	1.22	0.00	104
	T10KM008	D85E-21	BLADE, ANGLE TILT, FOR D85E-21	31,130	7.13	2.41	2.45	1.18	0.00	85
	T10KM009	D85E-21	BLADE, U-DOZER, FOR D85E-21	36,789	8.48	2.85	2.89	1.40	0.00	77
	T10KM010	D155A-2	BLADE, ANGLE TILT, FOR D155A-2	33,796	7.80	2.61	2.66	1.28	0.00	140
	T10KM011	D155A-2	BLADE, U-DOZER, FOR D155A-2	48,323	11.08	3.74	3.80	1.84	0.00	142
	T10KM012	D355A-5	BLADE, U-DOZER, FOR D355A-5	55,182	12.65	4.27	4.34	2.10	0.00	196
	T10KM013	D355A-5	BLADE, STRAIGHT, FOR D355A-5	49,901	11.42	3.86	3.92	1.90	0.00	184
	T10KM014	D375A-1	BLADE, U-DOZER, FOR D375A-1	65,200	15.04	5.04	5.12	2.48	0.00	229
	T10KM015	D375A-1	BLADE, ANGLE TILT, FOR D375A-1	49,684	11.38	3.85	3.91	1.89	0.00	195
	T10KM016	D475A-1	BLADE, STRAIGHT, FOR D475A-1	81,046	18.60	6.27	6.37	3.08	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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
T15	TRACTORS, CRAWLER (DOZER) (add attachments as required)										
	.01 0 THRU 225 HP										
		CATERPILLAR									
	T15CA001	D-3B	POWERSHIFT, (ADD BLADE)	65 HP D	48,910	16.62	3.73	3.59	1.93	2.54	132
	T15CA002	D-3B LGP	LOW GROUND PRESSURE, (ADD BLADE)	65 HP D	55,726	18.44	4.23	4.08	2.19	2.54	145
	T15CA003	D-3C	POWERSHIFT, (ADD BLADE)	67 HP D	52,796	17.76	4.02	3.87	2.08	2.61	146
	T15CA004	D-4H	POWERSHIFT, (ADD BLADE)	95 HP D	69,231	23.67	5.27	5.07	2.73	3.71	187
	T15CA005	D-4H LGP	LOW GROUND PRESSURE, (ADD BLADE)	95 HP D	77,950	26.02	5.93	5.71	3.07	3.71	213
	T15CA006	D-5H	POWERSHIFT, (ADD BLADE)	120 HP D	112,744	36.70	8.57	8.26	4.44	4.68	235
	T15CA007	D-5H LGP	LOW GROUND PRESSURE, (ADD BLADE)	120 HP D	127,856	40.78	9.73	9.37	5.04	4.68	283
	T15CA008	D-6D	POWERSHIFT, (ADD BLADE)	140 HP D	127,675	41.80	9.71	9.36	5.03	5.46	288
	T15CA009	D-6D SA	SPECIAL APPLICATION, (ADD BLADE)	165 HP D	147,091	48.35	11.18	10.78	5.79	6.44	302
	T15CA010	D-6H	POWERSHIFT, (ADD BLADE)	165 HP D	152,019	49.68	11.56	11.14	5.99	6.44	324
	T15CA011	D-6H LGP	LOW GROUND PRESSURE, (ADD BLADE)	165 HP D	175,900	56.11	13.38	12.89	6.93	6.44	372
	T15CA012	D-7G	POWERSHIFT, (ADD BLADE)	200 HP D	196,960	63.63	14.98	14.44	7.76	7.80	384
	T15CA013	D-7H	POWERSHIFT, (ADD BLADE)	215 HP D	223,718	71.63	17.01	16.40	8.81	8.39	415
	T15CA014	D-7H LGP	LOW GROUND PRESSURE, (ADD BLADE)	215 HP D	255,347	80.15	19.42	18.72	10.06	8.39	470
		CASE									
	T15CS001	450C	WITH POWER ANGLE TILT BLADE,PS	63 HP D	54,040	17.89	4.11	3.96	2.13	2.46	114
	T15CS002	850D	WITH HYDR ANGLE TILT BLADE, PS/TC	82 HP D	79,623	25.79	6.06	5.84	3.14	3.20	192
	T15CS003	850D LGP	WITH HYDR ANGLE TILT BLADE, PS/TC	82 HP D	84,537	27.11	6.43	6.20	3.33	3.20	192
	T15CS004	1150E	WITH HYDR ANGLE TILT BLADE, PS/TC	113 HP D	111,234	35.94	8.46	8.15	4.38	4.41	247
	T15CS005	1150E LGP	WITH HYDR ANGLE TILT BLADE, PS/TC	113 HP D	122,699	39.02	9.33	8.99	4.83	4.41	247
	T15CS006	1450B	WITH HYDR ANGLE TILT BLADE, PS	140 HP D	151,647	48.25	11.53	11.12	5.97	5.46	345
		FIATALLIS									
	T15FI001	FD5	WITH POWER ANGLE TILT BLADE, PS	70 HP D	62,837	20.62	4.78	4.61	2.47	2.73	140
	T15FI002	FD7	WITH POWER ANGLE TILT BLADE, PS	84 HP D	73,890	24.35	5.62	5.42	2.91	3.28	171
	T15FI003	FD9	WITH SEMI-U TILT BLADE, PS	107 HP D	110,521	35.42	8.40	8.10	4.35	4.17	237
	T15FI004	10C	WITH HYDRAULIC SEMI-U TILT BLADE,PS	122 HP D	126,432	40.51	9.62	9.27	4.98	4.76	279
	T15FI005	10C LGP	WITH STRAIGHT HYDR TILT BLADE, PS	122 HP D	138,778	43.83	10.56	10.17	5.47	4.76	327
	T15FI006	14C	WITH HYDRAULIC SEMI-U TILT BLADE,PS	150 HP D	163,894	52.07	12.46	12.01	6.45	5.85	332
	T15FI007	14C LGP	WITH STRAIGHT HYDR TILT BLADE, PS	150 HP D	189,775	59.04	14.43	13.91	7.47	5.85	412
	T15FI008	FD20	WITH HYDRAULIC SEMI-U TILT BLADE,PS	223 HP D	240,279	76.50	18.27	17.61	9.46	8.70	533

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	65,291	21.29	4.97	4.79	2.57	2.73	140
	T15ID002	TD-8-G	WITH HYDRAULIC BLADE, POWERSHIFT	80 HP D	84,323	26.94	6.41	6.18	3.32	3.12	180
	T15ID003	TD-12	WITH HYDRAULIC BLADE, POWERSHIFT	110 HP D	127,097	40.05	9.67	9.32	5.01	4.29	281
	T15ID004	TD-15-C	POWERSHIFT, (ADD BLADE)	140 HP D	140,246	45.18	10.66	10.28	5.52	5.46	280
	T15ID005	TD-20-G	POWERSHIFT, (ADD BLADE)	225 HP D	222,626	71.87	16.93	16.32	8.77	8.78	438
		JOHN DEERE									
	T15JD001	400G	WITH POWER ANGLE TILT BLADE	60 HP D	48,753	16.30	3.71	3.57	1.92	2.34	114
	T15JD002	450G	WITH 6405 HYDRAULIC BLADE, PS	70 HP D	56,951	19.03	4.33	4.17	2.24	2.73	153
	T15JD003	550G	WITH 6405 HYDRAULIC BLADE, PS	80 HP D	62,984	21.20	4.79	4.62	2.48	3.12	167
	T15JD004	650G	WITH 6405 HYDRAULIC BLADE, PS	90 HP D	70,649	23.79	5.37	5.18	2.78	3.51	188
	T15JD005	750B	WITH 6525 STRAIGHT W/TILT BLADE	120 HP D	106,464	35.01	8.09	7.80	4.19	4.68	291
	T15JD006	750B LGP	WITH 6525 HYDRAULIC TILT BLADE	120 HP D	109,729	35.89	8.34	8.04	4.32	4.68	313
	T15JD007	850B	WITH 6545 HYDRAULIC TILT BLADE	165 HP D	137,727	45.83	10.47	10.10	5.42	6.44	367
	T15JD008	850B LGP	WITH HYDRAULIC TILT BLADE	165 HP D	154,240	50.28	11.73	11.31	6.07	6.44	435
		KOMATSU									
	T15KM001	D31E-18	HYDROSHIFT, (ADD BLADE)	70 HP D	62,981	20.67	4.79	4.62	2.48	2.73	123
	T15KM002	D37E-2	HYDROSHIFT, (ADD BLADE)	75 HP D	70,086	22.85	5.33	5.14	2.76	2.93	127
	T15KM003	D58E-1	HYDROSHIFT, (ADD BLADE)	130 HP D	142,705	45.31	10.85	10.46	5.62	5.07	298
	T15KM004	D63E-1	POWERSHIFT, (ADD BLADE)	140 HP D	161,344	50.86	12.27	11.83	6.35	5.46	316
	T15KM005	D68E-1	POWERSHIFT, (ADD BLADE)	180 HP D	210,025	66.08	15.97	15.39	8.27	7.02	412
	T15KM006	D83E-1	POWERSHIFT, (ADD BLADE)	205 HP D	241,948	76.00	18.40	17.73	9.53	8.00	360
	T15KM007	D85E-21	POWERSHIFT, (ADD BLADE)	225 HP D	259,372	81.76	19.73	19.01	10.22	8.78	445
	.02 226 HP THRU 425 HP										
		CATERPILLAR									
	T15CA015	D-8L	POWERSHIFT, (ADD BLADE)	335 HP D	306,053	92.33	23.66	24.06	11.63	13.07	735
	T15CA016	D-8N	POWERSHIFT, (ADD BLADE)	285 HP D	281,665	83.80	21.77	22.14	10.70	11.12	597
	T15CA017	D-9N	POWERSHIFT, (ADD BLADE)	370 HP D	364,104	108.40	28.14	28.62	13.83	14.43	817

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES (AVERAGE)	HOURLY ($/HR) (STANDBY)	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
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	314,029	92.54	24.27	24.68	11.93	11.70	737
	T15FI010	FD30B	WITH SEMI-U BLADE, POWERSHIFT	340 HP D	325,484	97.35	25.15	25.58	12.36	13.26	698
		INTERNATIONAL/DRESSER									
	T15ID006	TD-25-G	POWERSHIFT, (ADD BLADE)	320 HP D	301,291	90.38	23.28	23.68	11.44	12.48	618
		KOMATSU									
	T15KM008	D155A-2	POWERSHIFT, (ADD BLADE)	320 HP D	331,932	97.95	25.66	26.09	12.61	12.48	658
	T15KM009	D355A-5	POWERSHIFT, (ADD BLADE)	404 HP D	481,712	139.15	37.23	37.86	18.30	15.76	1,059
	.03 OVER 425 HP										
		CATERPILLAR									
	T15CA018	D-10N	POWERSHIFT, (ADD BLADE)	520 HP D	476,344	132.66	33.88	33.34	17.21	20.28	1,038
	T15CA019	D-11N	POWERSHIFT, (ADD BLADE)	770 HP D	822,166	222.81	58.48	57.55	29.70	30.03	1,622
		FIATALLIS									
	T15FI011	FD40	WITH SEMI-U BLADE, POWERSHIFT	455 HP D	508,737	136.84	36.19	35.61	18.38	17.75	1,101
	T15FI012	FD40B	WITH HYDR SEMI-U BLADE, POWERSHIFT	475 HP D	532,839	143.25	37.90	37.30	19.25	18.53	1,153
	T15FI013	FD50	WITH HYDR SEMI-U BLADE, POWERSHIFT	525 HP D	632,830	168.23	45.01	44.30	22.86	20.48	1,291
		INTERNATIONAL/DRESSER									
	T15ID007	TD-40	POWERSHIFT, (ADD BLADE)	460 HP D	413,808	115.65	29.44	28.97	14.95	17.94	940
		KOMATSU									
	T15KM010	D375A-1	POWERSHIFT, (ADD BLADE)	508 HP D	568,292	152.83	40.42	39.78	20.53	19.81	1,234
	T15KM011	D475A-1	POWERSHIFT, (ADD BLADE)	740 HP D	1,058,686	274.74	75.30	74.11	38.24	28.86	1,636

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES (AVERAGE)	HOURLY ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
T20	TRACTORS, WHEEL TYPE (DOZER)										
		CATERPILLAR									
	T20CA001	814-B	WITH STRAIGHT BLADE,ARTICULATED,PS	210 HP D	211,374	53.69	16.22	17.00	7.72	7.56	465
	T20CA002	824-C	WITH STRAIGHT BLADE,ARTICULATED,PS	310 HP D	300,965	79.26	22.67	23.36	10.99	11.16	624
	T20CA003	834-B	WITH STRAIGHT BLADE,ARTICULATED,PS	450 HP D	452,228	115.03	33.90	34.75	16.52	16.20	892
		MICHIGAN / VME									
	T20MC001	280C	WITH STRAIGHT BLADE,ARTICULATED,PS	302 HP D	339,565	85.02	25.63	26.45	12.40	10.87	574
	T20MC002	W380	WITH STRAIGHT BLADE,ARTICULATED,PS	572 HP D	644,886	160.53	46.65	46.17	23.56	20.59	1,233
T25	TRACTORS, WHEEL TYPE (FARM)										
		JOHN DEERE									
	T25JD001	2155	INDUSTRIAL 2WD	53 HP D	18,527	7.38	1.57	1.76	0.69	1.91	49
	T25JD002	2355	INDUSTRIAL 2WD	64 HP D	20,168	8.30	1.73	1.96	0.75	2.30	58
	T25JD003	2555	INDUSTRIAL 2WD	72 HP D	22,637	9.30	1.95	2.22	0.84	2.59	59
	T25JD004	2755	INDUSTRIAL 2WD	87 HP D	25,120	10.61	2.19	2.50	0.94	3.13	60
T30	TRENCHERS, CHAIN										
		DITCH WITCH									
	T30DW001	C99	24" DEEP X 6" WIDE, WALK-BEHIND	9 HP G	3,587	2.12	0.31	0.33	0.14	0.86	6
	T30DW002	2200	36" DEEP X 6" WIDE, 4WD, W/BLADE	18 HP G	15,276	6.53	1.33	1.47	0.59	1.72	30
	T30DW003	3210	40" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	28 HP G	30,449	12.07	2.66	2.95	1.18	2.68	39
	T30DW004	2310	36" DEEP X 6" WIDE, 4WD, W/BLADE	28 HP G	24,207	10.30	2.11	2.33	0.94	2.68	36
	T30DW005	3500	42" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	35 HP D	28,909	9.82	2.52	2.80	1.12	1.26	42
	T30DW006	5010	47" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	53 HP D	42,551	14.51	3.71	4.14	1.64	1.91	47
	T30DW007	6510	47" DEEP X 6" WIDE, 4WD,W/DBL PIVOT	64 HP D	44,279	15.53	3.82	4.22	1.71	2.30	55
	T30DW008	6510	60" DEEP X 6" WIDE, 4WD, W/BLADE	64 HP D	44,380	15.55	3.83	4.23	1.71	2.30	106
	T30DW009	7510	54" DEEP X 6-8"WIDE,4WD,W/DBL PIVOT	74 HP D	56,950	19.58	4.93	5.46	2.20	2.66	55
	T30DW010	R100	69" DEEP X 8" WIDE, 4WD, W/BLADE	101 HP D	100,280	33.19	8.47	9.19	3.87	3.64	95

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
T30	TRENCHERS, CHAIN										
		DITCH WITCH									
	T30DW011	HT100	69" DEEP X 8" WIDE,4WD,W/BLADE,CWLR	118 HP D	109,469	36.48	9.61	10.76	4.23	4.25	158
		VERMEER									
	T30VE001	V-1550	48" DEEP X 4-10" WIDE,WALK-BEHIND	18 HP G	8,009	4.47	0.71	0.79	0.31	1.72	15
	T30VE002	LM-35	42" DEEP X 3.5-5" WIDE,PLOW TRENCHR	35 HP D	26,543	9.12	2.27	2.48	1.03	1.26	40
	T30VE003	V-450	60" DEEP X 6-18" WIDE,BACKHOE/BLADE	54 HP D	45,463	15.35	3.93	4.34	1.76	1.94	76
	T30VE004	M-455A	60" DEEP X 8-18" WIDE,BACKHOE/BLADE	53 HP D	51,759	17.08	4.48	4.95	2.00	1.91	82
	T30VE005	T-600D	72" DEEP X 10-24" WIDE,CRAWLER	113 HP D	100,560	33.71	8.82	9.88	3.88	4.07	193
	T30VE006	T-800C	96" DEEP X 12-36" WIDE,CRAWLER	175 HP D	179,915	59.07	15.79	17.68	6.95	6.30	423
T35	TRENCHERS, WHEEL TYPE										
		BARBER-GREENE									
	T35BG001	TA 56	70" DEEP X 16-30" WIDE,CRAWLER	100 HP D	165,164	43.23	12.76	12.98	6.27	3.60	254
	T35BG002	TA 65	90" DEEP X 22-44" WIDE,CRAWLER	160 HP D	238,267	63.10	18.42	18.73	9.05	5.76	416
	T35BG003	TA 77	102" DEEP X 26-66" WIDE,CRAWLER	160 HP D	312,510	80.46	24.15	24.56	11.87	5.76	600
		CLEVELAND TRENCHER									
	T35CT001	9624-5	72" DP X 21.5" W,16"ROUND BKT,CRWLR	140 HP D	164,795	44.99	12.74	12.95	6.26	5.04	230
	T35CT002	9600-S-4	72" DP X 19.5" W,14"ROUND BKT,CRWLR	140 HP D	199,929	53.20	15.45	15.71	7.59	5.04	229
	T35CT003	246-FD4	84" DP X 21" W,16"ROUND BKT,CRAWLER	185 HP D	224,419	61.00	17.34	17.64	8.52	6.66	320
	T35CT004	7036-1	84" DP X 21.5" W,16"ROUND BKT,CRWLR	102 HP D	198,206	51.06	15.32	15.58	7.53	3.67	253
	T35CT005	7036-HD-2	84" DP X 27.5" W,22"ROUND BKT,CRWLR	102 HP D	211,524	54.17	16.35	16.63	8.03	3.67	282
	T35CT006	7036-3	84" DP X 33.5" W,28"ROUND BKT,CRWLR	102 HP D	201,207	51.75	15.55	15.81	7.64	3.67	263
	T35CT007	7036-SD-3	84" DP X 33.5" W,28"ROUND BKT,CRWLR	102 HP D	221,637	56.54	17.13	17.42	8.42	3.67	340
	T35CT008	8700-2	84" DP X 31.5" W,22"BKT,ROTO TEETH	150 HP D	282,348	72.95	21.83	22.19	10.73	5.40	425
	T35CT009	7648-2	90" DP X 30" W,22"ROUND BKT,CRAWLER	150 HP D	313,422	80.21	24.23	24.63	11.91	5.40	455
	T35CT010	7648-SD-4	90" DP X 42" W,34"ROUND BKT,CRWLR	150 HP D	326,244	83.21	25.21	25.64	12.39	5.40	497
	T35CT011	400W-HD3	108" DP X 48" W,40"ROUND BKT,CRWLR	175 HP D	377,646	96.39	29.19	29.68	14.35	6.30	672

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
T40	TRUCK OPTIONS, (ADD TRUCK)									
	.10 CRANES, HYDRAULIC									
		NO SPECIFIC MANUFACTURER								
	T40XX001		MAX CAP. 5.3 TON, MAX. BOOM 48'	33,080	9.07	2.90	3.24	1.28	0.00	39
	T40XX002		MAX CAP. 7.3 TON, MAX. BOOM 63'	52,691	14.39	4.62	5.16	2.04	0.00	94
	T40XX003		MAX CAP. 8.0 TON, MAX. BOOM 85'	55,333	15.09	4.85	5.42	2.14	0.00	109
	T40XX004		MAX CAP. 14.0 TON, MAX. BOOM 118'	62,611	17.10	5.49	6.14	2.42	0.00	143
	T40XX005		MAX CAP. 16.5 TON, MAX. BOOM 118'	74,744	20.40	6.55	7.32	2.89	0.00	143
	T40XX006		MAX CAP. 17.5 TON, MAX. BOOM 140'	88,527	24.15	7.76	8.68	3.42	0.00	193
	.20 DUMP BODY, REAR									
		NO SPECIFIC MANUFACTURER								
	T40XX007		5 CY, 24000 TO 26000 GVW	8,048	2.12	0.71	0.79	0.31	0.00	26
	T40XX008		8 CY, 27000 TO 30000 GVW, AIR GATE	12,793	3.30	1.12	1.25	0.49	0.00	44
	T40XX009		10 CY, 36000 AND UP GVW, AIR GATE	12,950	3.35	1.14	1.27	0.50	0.00	45
	T40XX010		12 CY, 36000 AND UP GVW, AIR GATE	13,144	3.40	1.16	1.29	0.51	0.00	46
	.30 FLATBEDS, W/ CONT. SIDES									
		NO SPECIFIC MANUFACTURER								
	T40XX011		8' x 8.0'	2,656	0.62	0.23	0.26	0.10	0.00	11
	T40XX012		8' x 9.0'	2,758	0.65	0.25	0.27	0.11	0.00	12
	T40XX013		8' x 10.0'	2,911	0.69	0.26	0.29	0.11	0.00	14
	T40XX014		8' x 12.0'	3,153	0.74	0.28	0.31	0.12	0.00	16
	T40XX015		8' x 14.0'	3,387	0.79	0.30	0.33	0.13	0.00	16
	T40XX016		8' x 16.0'	3,703	0.87	0.32	0.36	0.14	0.00	16
	T40XX017		8' x 18.0'	4,001	0.94	0.35	0.39	0.15	0.00	17
	T40XX018		8' x 20.0'	4,255	1.00	0.37	0.42	0.16	0.00	18
	T40XX019		8' x 22.0'	4,527	1.07	0.40	0.44	0.18	0.00	18
	T40XX020		8' x 24.0'	4,838	1.14	0.43	0.47	0.19	0.00	20
	T40XX021		2 TON, FLATBED HOIST	4,227	0.99	0.37	0.41	0.16	0.00	15
	T40XX022		4 TON, FLATBED HOIST	4,954	1.17	0.44	0.49	0.19	0.00	18

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
T40	TRUCK OPTIONS, (ADD TRUCK)									
	.40 HOIST									
	.41 ELECTRIC DRIVE									
		NO SPECIFIC MANUFACTURER								
	T40XX023		1500 LB AT 1.75'	2,931	0.83	0.26	0.29	0.11	0.00	4
	T40XX024		2400 LB AT 3'	3,439	0.96	0.30	0.34	0.13	0.00	6
	T40XX025		5000 LB AT 4'	9,465	2.48	0.84	0.93	0.37	0.00	15
	T40XX026		6000 LB AT 6'	10,605	2.76	0.93	1.04	0.41	0.00	14
	.50 TRANSIT MIXERS									
		NO SPECIFIC MANUFACTURER								
	T40XX027		7 CY (ADD 40000-50000 GVW TRUCK)	33,622	8.78	3.02	3.52	1.26	0.00	63
	T40XX028		8 CY (ADD 50000-70000 GVW TRUCK)	34,191	8.93	3.07	3.58	1.28	0.00	66
	T40XX029		8.5 CY (ADD 55000-75000 GVW TRUCK)	34,576	9.02	3.10	3.62	1.29	0.00	68
	T40XX030		9 CY (ADD 61000-80000 GVW TRUCK)	35,174	9.17	3.15	3.68	1.31	0.00	73
	.60 WATER TANKS									
		NO SPECIFIC MANUFACTURER								
	T40XX031		2000 GAL (ADD 23500-28000 GVW TRK)	15,150	3.57	1.33	1.48	0.59	0.00	35
	T40XX032		2500 GAL (ADD 25000-34950 GVW TRK)	16,012	3.77	1.41	1.57	0.62	0.00	39
	T40XX033		3000 GAL (ADD 29000-40000 GVW TRK)	17,083	4.02	1.50	1.67	0.66	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) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
T45	TRUCK TRAILERS,									
	.10 BOTTOM DUMP									
		NO SPECIFIC MANUFACTURER								
	T45XX001		18 CY, 27 TON	34,370	7.70	2.57	2.62	1.26	0.00	122
	T45XX002		20 CY, 30 TON	40,656	9.03	3.06	3.14	1.49	0.00	140
	T45XX003		30 CY, 30 TON	41,505	9.21	3.13	3.21	1.52	0.00	160
	T45XX004		28 CY, 42 TON	49,201	10.98	3.68	3.75	1.80	0.00	180
	T45XX005		20 CY, 35 TON OFF-HIGHWAY	57,159	12.58	4.34	4.49	2.09	0.00	175
	T45XX006		32 CY, 55 TON OFF-HIGHWAY	117,466	26.58	8.55	8.49	4.30	0.00	365
	T45XX007		43 CY, 70 TON OFF-HIGHWAY	128,991	29.05	9.46	9.46	4.73	0.00	445
	.20 END DUMP									
		NO SPECIFIC MANUFACTURER								
	T45XX008		20 CY, 24 TON	45,215	9.72	3.42	3.52	1.66	0.00	146
	.30 PUP TRAILER									
		NO SPECIFIC MANUFACTURER								
	T45XX009		8 CY, LONG TONGUE	26,833	6.79	2.24	2.48	1.00	0.00	86
	T45XX010		10 CY, LONG TONGUE	27,024	6.84	2.26	2.50	1.01	0.00	86
	.40 LOWBOY (EQUIPMENT HAULING)									
	.41 RIGID NECK, DROP DECK									
		NO SPECIFIC MANUFACTURER								
	T45XX011		25 TON, 2 AXLE	26,648	5.06	1.87	1.56	1.09	0.00	89
	T45XX012		30 TON, 2 AXLE	29,669	5.61	2.09	1.75	1.21	0.00	94
	T45XX013		35 TON, 2 AXLE	32,524	6.13	2.30	1.93	1.33	0.00	109

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION	VALUE ($)	TOTAL RATES (AVERAGE)	HOURLY ($/HR) (STANDBY)	ADJUSTABLE OWNERSHIP (DEPR)	ADJUSTABLE OWNERSHIP (CFC)	ELEMENTS (FUEL)	CWT
T45	TRUCK TRAILERS,									
	.41	RIGID NECK, DROP DECK								
		NO SPECIFIC MANUFACTURER								
	T45XX014		35 TON, 3 AXLE	37,650	7.19	2.64	2.19	1.54	0.00	134
	T45XX015		40 TON, 3 AXLE	39,396	7.53	2.75	2.28	1.61	0.00	144
	T45XX016		50 TON, 3 AXLE	45,232	8.57	3.18	2.66	1.85	0.00	161
	T45XX017		60 TON, 3 AXLE	49,205	9.45	3.41	2.79	2.01	0.00	188
	T45XX018		70 TON, 3 AXLE	59,397	11.23	4.17	3.48	2.43	0.00	213
	T45XX019		75 TON, 3 AXLE	61,438	11.58	4.32	3.61	2.51	0.00	228
	T45XX020		80 TON, 4 AXLE	69,720	13.05	4.94	4.18	2.85	0.00	266
	T45XX021		90 TON, 4 AXLE	75,362	14.20	5.31	4.45	3.08	0.00	297
	T45XX022		100 TON, 4 AXLE	81,807	15.43	5.75	4.81	3.34	0.00	313
	T45XX023		120 TON, 4 AXLE	94,847	18.13	6.57	5.39	3.87	0.00	351
	T45XX024		HELPER DOLLY (60 TON TRAILER MAX)	22,719	4.42	1.57	1.27	0.93	0.00	62
	.50	PLATFORM TRAILER								
		NO SPECIFIC MANUFACTURER								
	T45XX025		25 TON, 2 AXLE	22,698	4.42	1.57	1.27	0.93	0.00	110
	.60	TILT TRAILER								
		NO SPECIFIC MANUFACTURER								
	T45XX026		12 TON, 2 AXLE	14,669	2.91	1.01	0.81	0.60	0.00	62
	T45XX027		16 TON, 2 AXLE	16,663	3.32	1.14	0.91	0.68	0.00	65
	T45XX028		20 TON, 2 AXLE	18,038	3.57	1.23	0.98	0.74	0.00	67
	.70	WATER TANKER TRAILER								
		NO SPECIFIC MANUFACTURER								
	T45XX029		4000 GAL 63 HP D	40,624	10.04	2.97	2.61	1.66	2.27	120
	T45XX030		5000 GAL 63 HP D	43,465	10.75	3.12	2.67	1.78	2.27	150
	T45XX031		6000 GAL 63 HP D	45,476	11.13	3.27	2.81	1.86	2.27	160

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
T45	TRUCK TRAILERS,										
	.80 DECONTAMINATION FACILITY										
		HAZCO									
	T45HA001		24 FOOT, 4 SHOWER UNIT		26,269	6.87	2.17	2.15	1.09	0.00	35
	T45HA002		30 FOOT, 4 SHOWER UNIT		31,749	8.29	2.63	2.61	1.32	0.00	45
	T45HA003		40 FOOT, 6 SHOWER UNIT		42,333	10.96	3.48	3.46	1.75	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	12,906	7.66	1.17	1.30	0.52	3.13	32
	T50FO002	F150	4X4 1/2-TON PICK-UP, 6250 GVW	137 HP G	15,071	8.29	1.38	1.53	0.61	3.13	37
	T50FO003	F250	4X2 3/4-TON PICK-UP, 8600 GVW	137 HP G	14,133	8.04	1.28	1.41	0.57	3.13	37
	T50FO004	F250	4X4 3/4-TON PICK-UP, 8800 GVW	137 HP G	17,162	8.92	1.56	1.73	0.69	3.13	40
	T50FO005	F350	4X2 1-TON PICK-UP,10000 GVW	137 HP G	16,538	8.80	1.49	1.63	0.67	3.13	43
		GMC AND CHEVROLET									
	T50GM001	S10	4X2 COMPACT PICKUP, 3500 GVW	92 HP G	10,597	5.72	0.96	1.06	0.43	2.10	26
	T50GM002	S10	4X4 COMPACT PICKUP, 3800 GVW	92 HP G	12,603	6.27	1.15	1.27	0.51	2.10	29
	T50GM003	C14	4X2 1500 PICKUP, 5200 GVW	150 HP G	12,530	7.95	1.14	1.26	0.51	3.43	37
	T50GM004	C10906	4X2 SUBURBAN, 8600 GVW	165 HP G	17,527	9.77	1.61	1.79	0.71	3.78	47
	T50GM005	K10906	4X4 SUBURBAN, 8600 GVW	165 HP G	19,325	10.30	1.77	1.98	0.78	3.78	50
	T50GM006	C24	4X2 2500 PICKUP, 7200 GVW	245 HP G	13,953	11.14	1.26	1.40	0.56	5.61	41
	T50GM007	K24	4X4 2500 PICKUP, 7200 GVW	245 HP G	16,196	11.80	1.47	1.64	0.65	5.61	49
	T50GM008	C34	4X2 3500 PICKUP, 8600 GVW	245 HP G	14,643	11.32	1.33	1.47	0.59	5.61	43
	T50GM009	K34	4X4 3500 PICKUP, 8600 GVW	245 HP G	16,926	12.00	1.54	1.71	0.68	5.61	50
	.02 OVER 10,000 THRU 30,000 GVW										
		FORD									
	T50FO006	F600	21,000 GVW, 2 AXLE	164 HP G	29,451	18.28	2.45	2.54	1.18	8.44	70

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES HOURLY ($/HR) AVERAGE	STANDBY	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
T50	TRUCKS, HIGHWAY (add truck options as required)										
	.02 OVER 10,000 THRU 30,000 GVW										
		FORD									
	T50FO007	F600	21,000 GVW, 2 AXLE	213 HP D	31,697	15.13	2.63	2.74	1.26	5.79	70
	T50FO008	F700	22,200 GVW, 2 AXLE	164 HP G	31,709	18.82	2.65	2.75	1.27	8.44	75
	T50FO009	F700	22,200 GVW, 2 AXLE	213 HP D	36,556	16.29	3.06	3.19	1.46	5.79	75
	T50FO010	F800	24,700 GVW, 2 AXLE	213 HP G	34,294	22.76	2.85	2.96	1.37	10.97	82
	T50FO011	F800	24,500 GVW, 2 AXLE	210 HP D	40,925	17.55	3.35	3.44	1.63	5.71	82
		GMC AND CHEVROLET									
	T50GM010	C5D042	4X2, 2 AXLE, 15000 GVW	163 HP G	25,289	17.24	2.09	2.16	1.01	8.39	54
	T50GM011	C6D042	4X2, 2 AXLE, 24000 GVW	163 HP G	29,695	18.28	2.47	2.56	1.19	8.39	62
	T50GM012	C6D042	4X2, 2 AXLE, 24000 GVW	170 HP D	32,915	13.95	2.74	2.86	1.31	4.62	71
	T50GM013	C7D042	4X2, 2 AXLE, 24000 GVW	200 HP G	29,816	20.83	2.47	2.55	1.19	10.30	66
	T50GM014	C7D042	4X2, 2 AXLE, 24000 GVW	170 HP D	34,164	14.38	2.81	2.90	1.36	4.62	70
		INTERNATIONAL/NAVISTAR									
	T50IT001	1654	16,000 GVW, 4X2, S SERIES, 2 AXLE	155 HP D	24,186	11.28	2.02	2.10	0.97	4.22	67
	T50IT002	1754	16,000 GVW, 4X2, S SERIES, 2 AXLE	165 HP D	28,544	12.65	2.39	2.50	1.14	4.49	77
	T50IT003	1954	21,700 GVW, 4X2, S SERIES, 2 AXLE	180 HP D	33,799	14.51	2.82	2.94	1.35	4.90	83
	.03 OVER 30,000 GVW										
		FORD									
	T50FO012	FT800	44,300 GVW, 3 AXLE	213 HP G	56,209	35.20	4.78	5.22	2.17	15.84	103
	T50FO013	LT8000	52,400 GVW, 3 AXLE	240 HP D	73,429	30.31	6.25	6.84	2.83	9.14	115
	T50FO014	LTS8000	54,000 GVW, 3 AXLE	240 HP D	77,799	31.39	6.63	7.25	3.00	9.14	116
	T50FO015	LNT8000	54,000 GVW, 3 AXLE	240 HP D	72,416	30.08	6.15	6.72	2.79	9.14	112
	T50FO016	CT8000	45,000 GVW, 3 AXLE	215 HP D	65,592	27.22	5.56	6.05	2.53	8.19	127
	T50FO017	LT9000	64,000 GVW, 3 AXLE	300 HP D	100,584	40.13	8.56	9.35	3.88	11.42	127
	T50FO018	LTS9000	66,000 GVW, 3 AXLE	240 HP D	106,237	38.65	9.03	9.86	4.10	9.14	133
	T50FO019	LNT9000	64,000 GVW, 3 AXLE	350 HP D	99,022	42.26	8.40	9.15	3.82	13.33	124
	T50FO020	CLT9000	64,000 GVW, 3 AXLE	400 HP D	116,174	48.64	9.96	10.95	4.48	15.23	130
		GMC AND CHEVROLET									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	44,811	31.34	3.74	4.01	1.73	14.87	98
	T50GM016	C7D064	6X4, 3 AXLE, 41000 GVW	205 HP D	50,296	23.03	4.22	4.55	1.94	7.81	111
		INTERNATIONAL/NAVISTAR									
	T50IT004	F2554	43,000 GVW, 6X4, S SERIES, 3 AXLE	215 HP D	59,249	25.68	5.01	5.43	2.29	8.19	134
	T50IT005	F2574	50,000 GVW, 6X4, S SERIES, 3 AXLE	240 HP D	82,949	32.62	7.09	7.77	3.20	9.14	149
	T50IT006	F5070	54,000 GVW, 6X4, PAYSTAR SERIES,3AX	240 HP D	90,525	34.44	7.75	8.51	3.49	9.14	150
	T50IT007	F5070	53,200 GVW, 6X6, PAYSTAR SERIES,3AX	240 HP D	110,625	39.31	9.52	10.50	4.27	9.14	170
		KENWORTH									
	T50KE001	T800	33,000 GVW, 76,800 GCW, 2 AXLE	270 HP D	92,286	35.62	8.08	9.03	3.56	10.28	115
	T50KE002	T600A	33,000 GVW, 76,800 GCW, 2 AXLE	270 HP D	100,644	37.63	8.81	9.85	3.88	10.28	120
	T50KE003	C500B	46,000 GVW, 3 AXLE	270 HP D	101,167	37.87	8.83	9.85	3.90	10.28	136
	T50KE004	K100E	50,000 GVW, 85,000 GCW, 3 AXLE	270 HP D	103,989	38.55	9.08	10.13	4.01	10.28	138
	T50KE005	W900B	50,000 GVW, 85,000 GCW, 3 AXLE	270 HP D	106,300	39.11	9.28	10.36	4.10	10.28	140
		MACK TRUCKS									
	T50MT001	R690T	HAULING, 33,500 GVW, 4X2	275 HP D	77,745	32.55	6.74	7.47	3.00	10.47	101
	T50MT002	MH-612	35,000 GVW, 4X2	300 HP D	85,564	35.65	7.42	8.24	3.30	11.42	123
	T50MT003	RW732	HAULING, 35,000 GVW, 4X2	300 HP D	85,552	35.65	7.42	8.24	3.30	11.42	118
	T50MT004	MH-613	46,000 GVW, 6X4	300 HP D	96,397	38.51	8.33	9.21	3.72	11.42	149
	T50MT005	R690ST	HAULING, 44,500 GVW, 6X4	275 HP D	92,490	36.35	7.98	8.82	3.57	10.47	135
	T50MT006	RW733	HAULING, 46,000 GVW, 6X4	300 HP D	97,585	38.80	8.43	9.33	3.76	11.42	147
	T50MT007	RD690SX	DUMP/MIXER, 70,000 GVW, 6X4	275 HP D	103,211	38.94	8.92	9.88	3.98	10.47	179
	T50MT008	DM690SX	ON/OFF,DUMP/MIXER, 78,000 GVW, 6X4	275 HP D	108,476	40.21	9.38	10.40	4.18	10.47	185
	T50MT009	RD8666S	DUMP/MIXER, 50,000 GVW, 6X6	400 HP D	135,849	53.06	11.78	13.08	5.24	15.23	205
	T50MT010	RD8666SX	DUMP/MIXER, 74,000 GVW, 6X6	400 HP D	151,078	56.74	13.12	14.58	5.83	15.23	234
		PETERBILT									
	T50PE001	376	65000 GCW, 2 AXLE	250 HP D	73,176	30.58	6.26	6.87	2.82	9.52	95
	T50PE002	375	46000 GVW, 110000 GCW, 3 AXLE	285 HP D	90,745	37.06	7.68	8.36	3.50	10.85	130
	T50PE003	362	46000 GVW, 110000 GCW, 3 AXLE	300 HP D	108,033	41.98	9.21	10.07	4.17	11.42	142

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES ($/HR) AVERAGE	HOURLY STANDBY	ADJUSTABLE OWNERSHIP ELEMENTS DEPR	CFC	FUEL	CWT
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	110,948	43.42	9.46	10.36	4.28	12.00	145
	T50PE005	357	62000 GVW, 110000 GCW, 3 AXLE	285 HP D	104,564	40.41	8.90	9.73	4.03	10.85	155
T55	TRUCKS, OFF-HIGHWAY										
		CATERPILLAR									
	T55CA001	769C	22-30 CY, 35T,REAR DUMP,POWERSHIFT	450 HP D	375,979	84.18	25.99	24.68	13.65	9.90	711
	T55CA002	773B	30-45 CY, 50T,REAR DUMP,POWERSHIFT	650 HP D	527,806	120.52	36.26	34.19	19.16	14.30	908
	T55CA003	777B	47-67 CY, 85T,REAR DUMP,POWERSHIFT	870 HP D	765,265	175.57	52.19	48.81	27.78	19.14	1,425
	T55CA004	768C	PRIME MOVER TRACTOR, POWERSHIFT	450 HP D	331,858	74.65	22.75	21.40	12.05	9.90	523
	T55CA005	772B	PRIME MOVER TRACTOR, POWERSHIFT	650 HP D	495,793	113.44	33.42	30.84	18.00	14.30	716
	T55CA006	776B	PRIME MOVER TRACTOR, POWERSHIFT	870 HP D	665,350	153.70	44.51	40.72	24.15	19.14	1,120
		DJB/CATERPILLAR									
	T55DJ001	D25C 4X4	13-18 CY, 25T, REAR DUMP, ARTIC, PS	260 HP D	266,906	58.49	18.32	17.25	9.69	5.72	455
	T55DJ002	D250B 6X4	15-19 CY, 25T, REAR DUMP, ARTIC, PS	218 HP D	245,550	52.30	17.03	16.23	8.91	4.80	423
	T55DJ003	D30C 4X4	16-22 CY, 30T, REAR DUMP, ARTIC, PS	257 HP D	303,896	69.46	20.43	18.79	11.03	5.65	470
	T55DJ004	D300B 6X6	17-22 CY, 30T, REAR DUMP, ARITC, PS	260 HP D	300,711	67.24	20.42	19.01	10.91	5.72	436
	T55DJ005	D350C 6X4	20-26 CY, 35T, REAR DUMP, ARTIC, PS	260 HP D	336,859	73.51	22.99	21.52	12.23	5.72	544
	T55DJ006	D35C 4X4	18-28 CY, 35T, REAR DUMP, ARTIC, PS	260 HP D	341,784	73.66	23.36	21.90	12.41	5.72	555
	T55DJ007	D400 6X6	23-29 CY, 40T, REAR DUMP, ARTIC, PS	385 HP D	396,856	88.17	27.18	25.55	14.40	8.47	605
	T55DJ008	D44B 4X4	23-31 CY, 44T, REAR DUMP, ARTIC, PS	460 HP D	459,113	100.28	31.60	29.88	16.66	10.12	684
	T55DJ009	D550B 6X6	32-43 CY, 55T, REAR DUMP, ARTIC, PS	460 HP D	556,673	122.08	38.04	35.65	20.21	10.12	900
		EUCLID/VME									
	T55EU001	R25-215FD	14-19 CY, 25T, REAR DUMP,POWERSHIFT	230 HP D	246,277	51.79	17.00	16.11	8.94	5.06	404
	T55EU002	R35-324TD	22-30 CY, 35T, REAR DUMP,POWERSHIFT	450 HP D	398,408	88.07	27.58	26.24	14.46	9.90	623
	T55EU003	R50-326LD	32-44 CY, 50T, REAR DUMP,POWERSHIFT	675 HP D	558,852	126.62	38.45	36.34	20.28	14.85	860
	T55EU004	R85-316ND	49-67 CY, 85T, REAR DUMP,POWERSHIFT	925 HP D	712,410	162.35	48.10	44.48	25.86	20.35	1,409
		TEREX									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
T55	TRUCKS, OFF-HIGHWAY										
		TEREX									
	T55TE001	2566	14-17 CY, 23 TON, REAR DUMP, ARTIC	224 HP D	243,514	52.84	16.89	16.09	8.84	4.93	370
	T55TE002	2766	16-19 CY, 25 TON, REAR DUMP, ARTIC	237 HP D	264,444	56.88	18.10	16.99	9.60	5.21	379
	T55TE003	3066	17-21 CY, 27 TON, REAR DUMP, ARTIC	258 HP D	284,189	61.14	19.47	18.30	10.32	5.68	397
	T55TE004	33-05B	20-25 CY, 30 TON, REAR DUMP, PS	324 HP D	300,873	66.90	20.72	19.60	10.92	7.13	499
	T55TE005	4066	23-29 CY, 36 TON, REAR DUMP, ARTIC	359 HP D	370,227	84.54	25.29	23.70	13.44	7.90	553
	T55TE006	33-07	26-34 CY, 40 TON, REAR DUMP, PS	478 HP D	373,695	88.73	25.30	23.48	13.56	10.52	743
	T55TE007	33-09	36-47 CY, 55 TON, REAR DUMP, PS	620 HP D	504,834	114.59	33.96	31.27	18.32	13.64	933
	T55TE008	33-11D	51-70 CY, 85 TON, REAR DUMP, PS	861 HP D	696,955	158.66	46.82	43.03	25.30	18.94	1,274
		UNIT RIG									
	T55UN001	MARK 24	45-63 CY, 77 TON, REAR DUMP	900 HP D	595,961	141.42	39.83	36.39	21.63	19.80	1,300
	T55UN002	MARK 30	63-85 CY, 108 TON, REAR DUMP	1200 HP D	743,580	177.00	50.07	46.16	26.99	26.40	1,560
	T55UN003	MARK 36	92-126 CY,154 TON, REAR DUMP	1600 HP D	928,700	232.37	60.73	54.03	33.71	35.20	1,950
		VOLVO/VME									
	T55VO001	A-20	12-16 CY, 19 TON, 6X6, REAR DUMP	186 HP D	172,816	39.04	11.79	11.04	6.27	4.09	346
	T55VO002	A-25	13-17 CY, 23 TON, 4X4, REAR DUMP	240 HP D	214,475	49.16	14.62	13.67	7.78	5.28	325
	T55VO003	A-25	13-17 CY, 23 TON, 6X6, REAR DUMP	240 HP D	230,399	51.73	15.77	14.82	8.36	5.28	373
	T55VO004	A-35	21-25 CY, 32 TON, 6X6, REAR DUMP	326 HP D	299,508	69.20	20.31	18.87	10.87	7.17	538
		WABCO/DRESSER									
	T55WA001	140M	30 CY, 33-38 TON, MECH REAR DUMP	485 HP D	405,205	90.28	28.07	26.71	14.71	10.67	652
	T55WA002	210M	44 CY, 55-60 TON, MECH REAR DUMP	675 HP D	559,297	129.28	38.17	35.73	20.30	14.85	849
	T55WA003	325M	67 CY, 85-95 TON, MECH REAR DUMP	930 HP D	742,281	173.81	49.13	44.37	26.94	20.46	1,270
	T55WA004	385M	76 CY, 100-110 TON, MECH REAR DUMP	1050 HP D	935,025	208.33	63.11	58.34	33.94	23.10	1,690
	T55WA005	510M	100 CY, 135-150 TON, MECH REAR DUMP	1350 HP D	1,348,448	295.46	91.05	84.21	48.94	29.70	2,005
T60	TRUCKS, WATER, OFF-HIGHWAY										
		KLEIN									

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE OWNERSHIP DEPR	CFC	ELEMENTS FUEL	CWT
T60	TRUCKS, WATER, OFF-HIGHWAY										
		KLEIN									
	T60KI001	KT-50	5,000 GALLON,WITH CAT 613C TRACTOR	175 HP D	177,988	41.76	12.14	10.83	6.72	6.30	320
	T60KI002	KT-60	6,000 GALLON,WITH CAT 621E TRACOTR	330 HP D	310,320	74.99	20.89	18.34	11.72	11.88	564
	T60KI003	KT-80	8,000 GALLON,WITH CAT 631E TRACTOR	450 HP D	444,813	106.46	29.91	26.24	16.79	16.20	751
	T60KI004	KT-100	10,000 GALLON,WITH CAT 631E TRACTOR	450 HP D	451,168	107.61	30.36	26.65	17.03	16.20	811
	T60KI005	KT-100	10,000 GALLON,WITH CAT 651E TRACTOR	550 HP D	541,063	129.69	36.38	31.89	20.43	19.80	1,001
	T60KI006	KT-120	12,000 GALLON,WITH CAT 651E TRACTOR	550 HP D	546,980	130.76	36.79	32.27	20.65	19.80	1,097
		SOUTHWEST									
	T60SO001	STT-60	6,000 GALLON WITH CAT 621E TRACTOR	330 HP D	329,767	78.51	22.25	19.60	12.45	11.88	610
	T60SO002	STT-80	8,000 GALLON WITH CAT 631D TRACTOR	450 HP D	461,582	109.53	31.09	27.31	17.43	16.20	812
	T60SO003	STT-100	10,000 GALLON WITH CAT 631E TRACTOR	450 HP D	468,940	110.86	31.60	27.79	17.70	16.20	897
	T60SO004	STT-120	12,000 GALLON WITH CAT 651E TRACTOR	550 HP D	583,643	137.97	39.19	34.32	22.03	19.80	1,149
	T60SO005	STT-140	14,000 GALLON WITH CAT 651E TRACTOR	550 HP D	592,966	139.66	39.85	34.92	22.39	19.80	1,184
W10	WAGONS, BOTTOM DUMP										
		CATERPILLAR-ATHEY									
	W10CE001	621/PW621E	22-27 CY, 30 TON, POWERSHIFT	330 HP D	320,479	79.79	21.65	20.03	11.63	11.88	579
	W10CE002	768/PW768C	42-48 CY, 57 TON, POWERSHIFT	450 HP D	468,249	113.64	31.63	29.25	17.00	16.20	935
	W10CE003	772/PW772B	60-67 CY, 91 TON, POWERSHIFT	650 HP D	714,206	171.69	47.94	44.04	25.92	23.40	1,360
W15	WAGONS, REAR DUMP										
		CATERPILLAR-ATHEY									
	W15CE001	621/PR621E	22-26 CY, 30 TON, POWERSHIFT	330 HP D	335,304	79.72	22.87	21.39	12.17	11.88	630
	W15CE002	631/PR631E	27-32 CY, 36 TON, POWERSHIFT	450 HP D	485,151	112.29	32.45	29.67	17.61	16.20	833
W25	WATER BLASTERS										

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	3,184	3.76	0.43	0.59	0.13	1.54	2
	W25AC002	B4030 BG	HIGH PRES BELT DR,4.0 GPM,3,000 PSI	11 HP G	3,384	3.88	0.46	0.63	0.14	1.54	2
	W25AC003	5535 BG	HIGH PRES DIR DR, 5.5 GPM,3,000 PSI	18 HP G	4,812	5.96	0.66	0.91	0.20	2.52	2
	W25AC004	B5535 BG	HIGH PRES BELT DR,5.5 GPM,3,000 PSI	18 HP G	5,094	6.13	0.70	0.97	0.21	2.52	2
		ATLANTIC									
	W25AN001	E200	COLD WATER, 1,800 PSI	5 HP E	2,483	2.27	0.35	0.49	0.10	0.38	2
	W25AN002	2000	HOT WATER, 1,800 PSI	5 HP E	3,893	3.11	0.54	0.76	0.16	0.38	2
	W25AN003	H320	COLD WATER, 3,200 PSI	11 HP G	2,987	3.71	0.43	0.59	0.13	1.54	2
	W25AN004	3200	HOT WATER, 3,200 PSI	11 HP G	4,899	4.85	0.69	0.96	0.21	1.54	2
		HOMELITE									
	W25HO001	HPW2000B	PRESSURE WASHER, 4.0 GPM, 2,000 PSI	9 HP D	1,730	1.65	0.24	0.34	0.07	0.48	2
	W25HO002	HPW3000B	PRESSURE WASHER, 5.4 GPM, 3,000 PSI	13 HP D	2,938	2.64	0.41	0.58	0.12	0.69	2
	.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	31,622	19.49	3.31	4.09	1.26	3.80	27
	W25WE002	WBE 75TEFC	10 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	75 HP E	34,368	23.59	3.60	4.45	1.37	5.70	29
	W25WE003	WBD 90	10 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	91 HP D	44,144	25.28	4.63	5.73	1.76	4.82	34
	W25WE004	WBE 150TEFC	20 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	150 HP E	52,189	40.06	5.47	6.78	2.08	11.40	39
	W25WE005	WBD150	20 GPM AT 10,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	160 HP D	63,766	38.47	6.69	8.29	2.54	8.48	59
	W25WE006	WBD200	20 GPM AT 16,000 PSI WITH 2 NOZZLES TRAILER MOUNTED	240 HP D	72,219	47.49	7.54	9.34	2.87	12.72	84
	W25WE007	WBD200T	16 GPM AT 20,000 PSI WITH 2 NOZZLES	230 HP D	83,224	51.51	8.67	10.72	3.31	12.19	98

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
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	83,224	51.51	8.67	10.72	3.31	12.19	98
	.30 STEAM CLEANERS										
		ALKOTA									
	W25AO001	90	90 GPH, 200 PSI	1 HP E	2,157	1.90	0.30	0.42	0.09	0.08	4
	W25AO002	120	130 GPH, 325 PSI	1 HP E	2,419	2.31	0.34	0.47	0.10	0.08	4
	W25AO003	181	180 GPH, 250 PSI	1 HP E	3,504	2.97	0.50	0.69	0.15	0.08	5
	W25AO004	240	240 GPH, 250 PSI	2 HP E	3,539	3.33	0.50	0.69	0.15	0.15	6
	W25AO005	301T	300 GPH, 100 PSI	4 HP E	7,413	6.36	1.04	1.45	0.31	0.30	10
	W25AO006	246	STEAM GENERATOR, 100 PSI	1 HP E	4,882	3.80	0.69	0.96	0.21	0.08	6
W30	WATER TANKS										
	.10 PORTABLE W/ WHEELS										
		SOUTHWEST									
	W30SO001	EWT-8C	8000 GAL., 10" DISCHG PIPE, MOBILE	8 HP G	37,948	7.51	2.61	2.35	1.43	0.77	130
	W30SO002	EWT-10C	10000 GAL., 10" DISCHG PIPE, MOBILE	8 HP G	45,643	8.82	3.15	2.85	1.72	0.77	170
	W30SO003	EWT-12C	12000 GAL., 10" DISCHG PIPE, MOBILE	8 HP G	49,670	9.51	3.44	3.11	1.88	0.77	185
	.20 SKID MOUNTED										
		SOUTHWEST									
	W30SO004	WST-8	8000 GAL. STAND-TOWER TANK,10"PIPE		24,860	3.96	1.75	1.61	0.94	0.00	107
	W30SO005	WST-10	10000 GAL. STAND-TOWER TANK,10"PIPE		27,822	4.43	1.95	1.80	1.05	0.00	122
	W30SO006	WST-12	12000 GAL. STAND-TOWER TANK,10"PIPE		32,125	5.11	2.25	2.08	1.21	0.00	142

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL HOURLY RATES ($/HR) AVERAGE	STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
W35	WELDERS										
	.10 GASOLINE or DIESEL DRIVE										
		HOMELITE									
	W35HO001	HWG135	135 AMP, PORTABLE	7 HP G	1,292	1.35	0.11	0.11	0.05	0.83	1
	W35HO002	HWG180	180 AMP, PORTABLE	11 HP G	1,745	2.06	0.15	0.15	0.07	1.31	1
		NO SPECIFIC MANUFACTURER									
	W35XX001		250 AMP WITH 1 AXLE TRLR	27 HP D	8,348	3.60	0.69	0.68	0.35	1.22	21
	W35XX002		200 AMP WITH 1 AXLE TRLR	39 HP G	6,018	7.23	0.50	0.49	0.25	4.63	11
	W35XX003		300 AMP WITH 1 AXLE TRLR	38 HP D	8,889	4.34	0.74	0.73	0.37	1.71	21
	W35XX004		250 AMP WITH 1 AXLE TRLR	39 HP G	6,469	7.36	0.53	0.52	0.27	4.63	17
	W35XX005		350 AMP WITH 2 AXLE TRLR	38 HP D	10,033	4.61	0.82	0.80	0.42	1.71	25
	W35XX006		300 AMP WITH 1 AXLE TRLR	65 HP G	6,994	11.31	0.58	0.57	0.29	7.71	17
	W35XX007		400 AMP WITH 2 AXLE TRLR	64 HP D	10,926	6.28	0.89	0.88	0.45	2.88	30
	W35XX008		400 AMP WITH 1 AXLE TRLR	69 HP G	8,887	12.38	0.74	0.73	0.37	8.19	21
	.20 ELECTRICAL										
	.21 ELECTRIC DRIVE										
		NO SPECIFIC MANUFACTURER									
	W35XX009		300 AMP, SKID MTD	20 HP E	3,039	2.16	0.31	0.37	0.12	0.96	7
	W35XX010		400 AMP, SKID MTD	25 HP E	3,649	2.67	0.37	0.44	0.15	1.20	9
	.22 MIG										
		NO SPECIFIC MANUFACTURER									
	W35XX011		300 AMP WITH WIRE FEED & SHOP GEAR	10 HP E	3,042	1.49	0.31	0.37	0.12	0.48	5
	W35XX012		450 AMP WITH WIRE FEED & SHOP GEAR	20 HP E	3,125	2.19	0.32	0.38	0.13	0.96	5
	.23 RECTIFIER										

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

CAT	ID. NO.	MODEL	EQUIPMENT DESCRIPTION		VALUE ($)	TOTAL RATES AVERAGE	HOURLY ($/HR) STANDBY	ADJUSTABLE ELEMENTS OWNERSHIP DEPR	CFC	FUEL	CWT
W35	WELDERS										
	.23 RECTIFIER										
		NO SPECIFIC MANUFACTURER									
	W35XX013		200 AMP WITH SHOP RUNNING GEAR	19 HP E	1,418	1.66	0.15	0.17	0.06	0.91	4
	W35XX014		300 AMP WITH SHOP RUNNING GEAR	24 HP E	1,840	2.11	0.19	0.22	0.08	1.15	6
	W35XX015		750 AMP WITH SHOP RUNNING GEAR	30 HP E	4,809	3.34	0.50	0.59	0.20	1.44	7
	W35XX016		1000 AMP WITH SHOP RUNNING GEAR	42 HP E	8,366	5.11	0.85	1.02	0.34	2.02	10
	.24 TRANSFORMER										
		NO SPECIFIC MANUFACTURER									
	W35XX017		250 AMP WITH SHOP RUNNING GEAR	19 HP E	705	1.47	0.08	0.09	0.03	0.91	4
	W35XX018		300 AMP WITH SHOP RUNNING GEAR	24 HP E	2,172	2.20	0.22	0.26	0.09	1.15	6

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

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

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

REGION IX

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 (.85)	= (+) $25.50/Hr
Adjusted Total Hourly Rate	= $50.50/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 (.55)	= (+) $16.50/Hr
Adjusted Total Hourly Rate	= $41.50/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	0.95	0.93	0.93	0.90	0.89						
A10	.20	TOWED & TAILGATE	1.07	1.04	1.00	0.97	0.94	0.93									
A15	.00	AIR COMPRESSORS, PORTABLE															
A15	.10	ROTARY SCREW	1.11	1.04	1.00	0.95	0.90	0.89	0.90	0.87	0.88						
A20	.00	AIR HOSE, TOOLS & EQUIPMENT															
A20	.10	AIR HOSES	1.10	1.04	1.00	0.95											
A20	.20	BLAST HOSE	1.10	1.04	1.00	0.95											
A20	.30	SANDBLASTERS & BREAKERS	1.11	1.04	1.00	0.94											
A25	.00	ASPHALT DISTRIBUTORS	1.07	1.04	1.00	0.97	0.94	0.93	0.93								
A30	.00	ASPHALT FINISHERS/PAVERS															
A30	.10	SELF PROPELLED	1.07	1.04	1.00	0.97	0.95	0.93	0.93	0.90	0.89						
A30	.20	TOWED	1.07	1.04	1.00	0.97	0.95	0.93	0.93	0.90	0.89						
A35	.00	ASPHALT KETTLES	1.07	1.04	1.00	0.97	0.94	0.93									
A40	.00	ASPHALT & CONCR. MILLERS/PROFILERS	1.07	1.04	1.00	0.97	0.95	0.93	0.93	0.90	0.89						
A45	.00	ASPHALT RECYCLERS & SEALERS	1.07	1.04	1.00	0.97	0.94	0.93	0.93								
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	0.90	0.88								
B20	.00	BRUSH CHIPPERS	1.09	1.05	1.00	0.95	0.92	0.90	0.88								
B25	.00	BUCKETS, CLAMSHELL	1.11	1.07	1.00	0.91	0.89	0.87	0.86	0.84	0.82						
B30	.00	BUCKETS, CONCRETE															
B30	.10	GENERAL PURPOSE, MANUAL	1.12	1.07	1.00	0.90	0.88	0.87	0.85	0.83	0.82						
B30	.20	LAYDOWN	1.12	1.07	1.00	0.90	0.88	0.87	0.85	0.83	0.82						
B30	.30	LOWBOY	1.12	1.07	1.00	0.90	0.88	0.87	0.85	0.83	0.82						
B30	.40	LOW SLUMP	1.12	1.07	1.00	0.90	0.88	0.87	0.85	0.83	0.82						
B35	.00	BUCKETS, DRAGLINE															
B35	.10	LIGHT WEIGHT	1.12	1.07	1.00	0.91	0.88	0.87	0.86								
B35	.20	MEDIUM WEIGHT	1.12	1.07	1.00	0.91	0.89	0.87	0.86	0.84							
B35	.30	HEAVY WEIGHT	1.11	1.07	1.00	0.91	0.89	0.87	0.86	0.84	0.82						
C05	.00	CHAIN SAWS	1.09	1.04	1.00	0.95											
C10	.00	COMPACTORS, MANUALLY OPERATED	1.10	1.05	1.00	0.95	0.92										
C15	.00	CONCRETE BLASTERS	1.09	1.05	1.00	0.95	0.92	0.89									
C20	.00	CONCRETE BUGGIES	1.10	1.05	1.00	0.95	0.92										
C25	.00	CONCRETE FINISHERS	1.10	1.05	1.00	0.95	0.92										
C30	.00	CONCRETE GRINDERS	1.10	1.05	1.00	0.95	0.92										
C35	.00	CONCRETE GUNITERS/SHOTCRETERS	1.09	1.04	1.00	0.95	0.92	0.90	0.89								
C40	.00	CONCRETE MIXERS	1.10	1.05	1.00	0.95	0.92										
C45	.00	CONCRETE PAVING MACHINES	1.07	1.04	1.00	0.97	0.95	0.93	0.93	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	1977
C55 .00	CONCRETE PUMPS	1.09	1.04	1.00	0.95	0.92	0.90	0.89								
C60 .00	CONCRETE SAWS	1.09	1.05	1.00	0.95	0.92	0.89									
C65 .00	CONCRETE VIBRATORS	1.11	1.04	1.00	0.94											
C70 .00	CRANES, GANTRY & STRADDLE															
C75 .00	CRANES, HYDRAULIC, SELF-PROP.	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		
C80 .00	CRANES, HYDRAULIC, TRUCK MTD															
C80 .01	UNDER 26 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		
C80 .02	26 TON THRU 65 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.85	0.83	0.82	0.80	0.74	0.68	0.61	0.55	
C80 .03	66 TON THRU 125 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82	0.80	0.74	0.68	0.61	0.56	0.51
C80 .04	OVER 125 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82	0.80	0.75	0.69	0.61	0.56	0.52
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	0.84	0.83	0.81	0.79	0.74				
C85 .12	OVER 1 CY THRU 2-1/2 CY	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 .13	OVER 2-1/2 CY THRU 5 CY	1.12	1.05	1.00	0.92	0.90	0.87	0.85	0.83	0.82	0.80	0.74	0.68	0.61	0.55	
C85 .14	OVER 5 CY	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82	0.80	0.74	0.68	0.61	0.56	0.51
C85 .20	LIFTING															
C85 .21	0 THRU 25 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			
C85 .22	26 TON THRU 50 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.85	0.83	0.81	0.80	0.74	0.68	0.61	0.55	
C85 .23	51 TON THRU 150 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82	0.80	0.74	0.68	0.61	0.56	0.51
C85 .24	OVER 150 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82	0.80	0.75	0.69	0.61	0.56	0.52
C90 .00	CRANES, MECHANICAL, TRUCK MTD															
C90 .01	UNDER 26 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 .02	26 TON THRU 65 TON	1.12	1.05	1.00	0.92	0.90	0.87	0.85	0.83	0.82	0.80	0.74	0.68	0.61	0.55	
C90 .03	66 TON THRU 125 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82	0.80	0.74	0.68	0.61	0.56	0.51
C90 .04	OVER 125 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.83	0.82	0.80	0.75	0.69	0.61	0.56	0.52
C95 .00	CRANES, TOWER	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	0.55	0.50
D10 .00	DRILLS, AIR TRACK, CRAWLER MTD	1.09	1.04	1.00	0.94	0.93	0.93	0.95	0.94	0.95						
D15 .00	DRILLS, BORING MACHINES	1.09	1.04	1.00	0.94	0.93	0.93	0.95	0.94	0.95						
D20 .00	DRILLS, CORE, COLUMN MOUNTED	1.09	1.04	1.00	0.94	0.93	0.93	0.95								
D25 .00	DRILLS, CORE, SKID MOUNTED	1.09	1.04	1.00	0.94	0.93	0.93	0.95	0.94	0.95						
D30 .00	DRILLS, EARTH/AUGER	1.09	1.04	1.00	0.94	0.93	0.93	0.95	0.94	0.95						
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	0.93	0.93	0.95	0.94	0.95	0.94	0.86	0.74	0.64		
D35 .12	OVER 11" DIAM.	1.08	1.04	1.00	0.94	0.94	0.93	0.95	0.94	0.95	0.94	0.87	0.74	0.65	0.60	0.54
D35 .20	ELECTRIC															
D35 .21	0" THRU 11" DIA. HOLE	1.08	1.04	1.00	0.94	0.93	0.93	0.95	0.94	0.95	0.94	0.86	0.74	0.64		
D35 .22	OVER 11" DIAM.	1.08	1.04	1.00	0.94	0.94	0.93	0.95	0.94	0.95	0.94	0.87	0.74	0.65	0.60	0.54

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
F10	.00	FORK LIFTS	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.87	0.86						
G10	.00	GENERATOR SETS															
G10	.10	PORTABLE	1.08	1.03	1.00	0.94	0.88	0.86	0.86								
G10	.20	SKID MOUNTED	1.08	1.03	1.00	0.94	0.88	0.87	0.87	0.84	0.81						
G15	.00	GRADERS, MOTOR	1.08	1.04	1.00	0.94	0.92	0.87	0.87	0.84	0.84	0.82	0.74				
H10	.00	HAMMERS, HYDRAULIC	1.09	1.05	1.00	0.95	0.92	0.89									
H15	.00	HEATERS, SPACE															
H20	.00	HOIST	1.09	1.04	1.00	0.95	0.92	0.90	0.88	0.87							
H25	.00	HYDRAULIC EXCAVATORS, CRAWLER MTD															
H25	.10	DIESEL or GASOLINE															
H25	.11	0 THRU 1 CY	1.08	1.06	1.00	0.91	0.89	0.85	0.83								
H25	.12	OVER 1 CY THRU 2-1/2 CY	1.08	1.05	1.00	0.92	0.89	0.86	0.84	0.82	0.80						
H25	.13	OVER 2-1/2 CY THRU 5 CY	1.07	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.79	0.74				
H25	.14	OVER 5 CY	1.07	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.80	0.74	0.68	0.60		
H30	.00	HYDRAULIC EXCAVATORS, WHEEL MTD															
H30	.01	0 THRU 1 CY	1.08	1.05	1.00	0.92	0.89	0.86	0.83								
H30	.02	OVER 1 CY	1.07	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81						
H35	.00	HYDRAULIC SHOVELS, CRAWLER MOUNTED															
H35	.10	DIESEL															
H35	.11	0 CY THRU 5 CY	1.07	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.80	0.74	0.68	0.60		
H35	.12	OVER 5 CY	1.07	1.05	1.00	0.92	0.90	0.87	0.85	0.83	0.82	0.80	0.74	0.68	0.61	0.55	
H35	.20	ELECTRIC															
H35	.21	OVER 2-1/2 CY	1.07	1.05	1.00	0.92	0.90	0.87	0.84	0.83	0.81	0.80	0.74	0.68	0.60	0.55	0.50
L10	.00	LAND CLEARING EQUIPMENT	1.08	1.04	1.00	0.94	0.87	0.83	0.83								
L15	.00	LAWN MOWERS	1.09	1.04	1.00	0.95											
L20	.00	LIGHTING SETS, TRAILER MOUNTED															
L20	.10	METALLIC VAPOR	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
L25	.00	LINE STRIPING EQUIPMENT	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
L30	.00	LOADERS, BELT	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.87	0.86						
L35	.00	LOADERS, FRONT END, CRAWLER TYPE	1.07	1.04	1.00	0.94	0.87	0.84	0.84	0.84	0.84						
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	0.89	0.88	0.88	0.86						
L40	.12	OVER 225 HP	1.07	1.03	1.00	0.96	0.92	0.90	0.89	0.89	0.87	0.85	0.76				
L40	.20	SKID STEER	1.08	1.03	1.00	0.96	0.92	0.89	0.89								
L40	.30	TOOL CARRIER															
L40	.31	0 THRU 225 HP	1.08	1.03	1.00	0.95	0.92	0.89	0.88	0.88	0.86						
L40	.32	OVER 225 HP	1.07	1.03	1.00	0.96	0.92	0.90	0.89	0.89	0.87	0.85	0.76				
L45	.00	LOADERS w/ BACKHOE, CRAWLER TYPE	1.07	1.04	1.00	0.94	0.87	0.84	0.84	0.84	0.84						

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	1.03	1.00	0.95	0.92	0.89	0.88	0.88	0.86						
L55	.00	LOADER/BACKHOE, ATTACHMENTS	1.09	1.05	1.00	0.95	0.92	0.89									
L60	.00	LOG SKIDDERS	1.06	1.03	1.00	0.98	0.96	0.95	0.95	0.90	0.87						
P10	.00	PILE EXTRACTORS & LEADS	1.11	1.05	1.00	0.94	0.90	0.88									
P20	.00	PILE HAMMERS, DOUBLE ACTING	1.11	1.05	1.00	0.94	0.90	0.88									
P25	.00	PILE HAMMERS, SINGLE ACTING	1.11	1.05	1.00	0.94	0.90	0.88									
P30	.00	PILE HAMMERS, VIBRATORY	1.11	1.05	1.00	0.94	0.90	0.88									
P35	.00	PIPELAYERS	1.08	1.04	1.00	0.94	0.87	0.83	0.83	0.84	0.84	0.80	0.72				
P40	.00	PLATFORMS, AERIAL WORK	1.13	1.05	1.00	0.92	0.89	0.86	0.83								
P45	.00	PUMPS, GROUT	1.09	1.04	1.00	0.95	0.92	0.90	0.89								
P50	.00	PUMPS, WATER, CENTRIFUGAL, TRASH															
P50	.10	SKID MOUNTED															
P50	.11	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P50	.12	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P50	.20	WHEEL MOUNTED															
P50	.21	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P50	.22	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P55	.00	PUMPS, WATER, SUBMERSIBLE															
P55	.01	ENGINE DRIVE	1.09	1.05	1.00	0.95	0.92	0.89	0.88	0.86	0.85						
P55	.02	ELECTRIC DRIVE	1.09	1.05	1.00	0.95	0.92	0.89	0.88	0.86	0.85						
P60	.00	PUMPS, WATER,CENTRIF,DEWATERING															
P60	.10	SKID MOUNTED															
P60	.11	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P60	.12	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P60	.20	WHEEL MOUNTED															
P60	.21	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P60	.22	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P65	.00	PUMPS, WATER, DIAPHRAGM															
P65	.10	SKID MOUNTED															
P65	.11	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P65	.12	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P65	.20	WHEEL MOUNTED															
P65	.21	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P65	.22	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P70	.00	PUMPS, WATER (FOR CORE DRILLS)															
P70	.01	ENGINE DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
P70	.02	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.88								
R10	.00	RIPPERS & HYDRAULIC BANK SLOPERS	1.08	1.04	1.00	0.94	0.87	0.83	0.83								
R15	.00	ROLLERS, TOWED - PNEUMATIC	1.06	1.03	1.00	0.98	0.93	0.91	0.89	0.85	0.81						

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	0.93	0.91	0.89	0.85	0.81						
R30 .00	ROLLERS, STATIC, SELF-PROPELLED															
R30 .01	PNEUMATIC	1.06	1.03	1.00	0.98	0.93	0.91	0.89								
R30 .02	SMOOTH DRUM	1.06	1.03	1.00	0.98	0.93	0.91	0.89	0.85	0.81						
R30 .03	TAMPING FOOT	1.06	1.03	1.00	0.98	0.93	0.91	0.89	0.85	0.81						
R40 .00	ROLLERS, VIBRATORY, TOWED	1.06	1.03	1.00	0.98	0.93	0.91	0.89								
R45 .00	ROLLERS, VIBRATORY, DOUBLE DRUM,	1.06	1.03	1.00	0.98	0.93	0.91	0.89								
R50 .00	ROLLERS, VIBRATORY, SINGLE DRUM	1.06	1.03	1.00	0.98	0.93	0.91	0.89								
R55 .00	ROOFING EQUIPMENT	1.09	1.04	1.00	0.95	0.92	0.90									
S10 .00	SCRAPERS, ELEVATING															
S10 .01	0 THRU 200 HP	1.08	1.04	1.00	0.94	0.92	0.88	0.87	0.84	0.84						
S10 .02	OVER 200 HP	1.07	1.04	1.00	0.95	0.92	0.88	0.87	0.85	0.85						
S15 .00	SCRAPERS, CONVENTIONAL	1.07	1.04	1.00	0.95	0.92	0.88	0.87	0.85	0.85						
S20 .00	SCRAPERS, TANDEM POWERED	1.07	1.04	1.00	0.95	0.92	0.88	0.87	0.85	0.85						
S25 .00	SCRAPERS, TRACTOR DRAWN	1.07	1.04	1.00	0.94	0.92	0.88	0.87	0.85	0.85	0.83	0.75				
S30 .00	SCREENING PLANTS															
S35 .00	SNOW REMOVAL EQUIPMENT	1.09	1.05	1.00	0.95	0.92	0.90	0.88								
S40 .00	SOIL STABILIZERS	1.08	1.04	1.00	0.94	0.92	0.88	0.87	0.84	0.84						
S45 .00	SPLITTERS, ROCK & CONCRETE	1.09	1.05	1.00	0.95	0.92	0.89									
T10 .00	TRACTOR BLADES & ATTACHMENTS	1.08	1.04	1.00	0.94	0.87	0.84	0.83	0.84	0.84						
T15 .00	TRACTORS, CRAWLER (DOZER)															
T15 .01	0 THRU 225 HP	1.08	1.04	1.00	0.94	0.87	0.83	0.83	0.84	0.84						
T15 .02	226 HP THRU 425 HP	1.08	1.04	1.00	0.94	0.87	0.84	0.83	0.84	0.84						
T15 .03	OVER 425 HP	1.07	1.04	1.00	0.94	0.88	0.84	0.84	0.85	0.85	0.81	0.74				
T20 .00	TRACTORS, WHEEL TYPE (DOZER)	1.06	1.03	1.00	0.98	0.96	0.95	0.95	0.90	0.87						
T25 .00	TRACTORS, WHEEL TYPE (FARM)	1.06	1.03	1.00	0.98	0.96	0.95	0.94								
T30 .00	TRENCHERS, CHAIN	1.08	1.04	1.00	0.98	0.96	0.96	0.94								
T35 .00	TRENCHERS, WHEEL TYPE	1.08	1.04	1.00	0.98	0.96	0.96	0.94	0.92	0.91						
T40 .00	TRUCK OPTIONS, (ADD TRUCK)															
T40 .10	CRANES, HYDRAULIC	1.09	1.05	1.00	0.95	0.92	0.90	0.88								
T40 .20	DUMP BODY, REAR	1.09	1.05	1.00	0.95	0.92	0.90	0.88								
T40 .30	FLATBEDS, W/ CONT. SIDES	1.09	1.05	1.00	0.95	0.92	0.90	0.88								
T40 .40	HOIST															
T40 .41	ELECTRIC DRIVE	1.09	1.05	1.00	0.95	0.92	0.90	0.88								
T40 .50	TRANSIT MIXERS	1.09	1.04	1.00	0.95	0.92	0.90	0.89								
T40 .60	WATER TANKS	1.09	1.05	1.00	0.95	0.92	0.90	0.88								
T40 .70	ALL OTHER OPTIONS	1.09	1.05	1.00	0.95	0.92	0.90	0.88								
T45 .00	TRUCK TRAILERS,															
T45 .10	BOTTOM DUMP	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.87	0.86						

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
T45 .20	END DUMP	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.87	0.86						
T45 .30	PUP TRAILER	1.09	1.04	1.00	0.95	0.92	0.90	0.89								
T45 .40	LOWBOY (EQUIPMENT HAULING)															
T45 .41	RIGID NECK, DROP DECK	1.10	1.05	1.00	0.94	0.91	0.89	0.88	0.86	0.84						
T45 .50	PLATFORM TRAILER	1.10	1.05	1.00	0.94	0.91	0.89	0.88	0.86	0.84						
T45 .60	TILT TRAILER	1.10	1.05	1.00	0.94	0.91	0.89	0.88	0.86	0.84						
T45 .70	WATER TANKER TRAILER	1.10	1.05	1.00	0.94	0.91	0.89	0.88	0.86	0.84						
T45 .80	DECONTAMINATION FACILITY	1.10	1.05	1.00	0.94	0.91	0.89	0.87								
T50 .00	TRUCKS, HIGHWAY															
T50 .01	0 THRU 10,000 GVW	1.07	1.02	1.00	0.95	0.93	0.93	0.88								
T50 .02	OVER 10,000 THRU 30,000 GVW	1.07	1.02	1.00	0.95	0.93	0.93	0.88								
T50 .03	OVER 30,000 GVW	1.06	1.02	1.00	0.96	0.93	0.93	0.88								
T55 .00	TRUCKS, OFF-HIGHWAY	1.12	1.05	1.00	0.92	0.88	0.86	0.86	0.85	0.84	0.82	0.74				
T60 .00	TRUCKS, WATER, OFF-HIGHWAY	1.12	1.06	1.00	0.92	0.87	0.86	0.85	0.84	0.83	0.81	0.73				
T65 .00	TUNNEL MINING MACHINES															
W10 .00	WAGONS, BOTTOM DUMP	1.12	1.05	1.00	0.92	0.88	0.86	0.86	0.85	0.84	0.82	0.74				
W15 .00	WAGONS, REAR DUMP	1.12	1.05	1.00	0.92	0.88	0.86	0.86	0.85	0.84	0.82	0.74				
W25 .00	WATER BLASTERS															
W25 .10	LOW PRESSURE, (< 5,000 PSI)	1.10	1.05	1.00	0.94											
W25 .20	HIGH PRESSURE, (>= 5,000 PSI)	1.09	1.05	1.00	0.95	0.92	0.89									
W25 .30	STEAM CLEANERS	1.10	1.05	1.00	0.94											
W30 .00	WATER TANKS															
W30 .10	PORTABLE W/ WHEELS	1.12	1.06	1.00	0.92	0.87	0.86	0.85	0.84	0.83	0.81	0.73				
W30 .20	SKID MOUNTED	1.12	1.06	1.00	0.92	0.87	0.86	0.85	0.84	0.83	0.81	0.73				
W35 .00	WELDERS															
W35 .10	GASOLINE or DIESEL DRIVE	1.10	1.05	1.00	0.94	0.91	0.89	0.87								
W35 .20	ELECTRICAL															
W35 .21	ELECTRIC DRIVE	1.10	1.05	1.00	0.94	0.91	0.89									
W35 .22	MIG	1.10	1.05	1.00	0.94	0.91	0.89									
W35 .23	RECTIFIER	1.10	1.05	1.00	0.94	0.91	0.89									
W35 .24	TRANSFORMER	1.10	1.05	1.00	0.94	0.91	0.89									

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

REGION IX

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:

Hourly Standby Rate	=	$18.00/Hr
Standby Adjusted for Age (Standby Rate) x (Age Adjustment Factor) = ($18.00) x (.85)	=	$15.30/Hr

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
A10 .00	AGGREGATE/CHIP SPREADERS															
A10 .10	SELF PROPELLED	1.06	1.04	1.00	0.97	0.95	0.93	0.93	0.90							
A10 .20	TOWED & TAILGATE	1.06	1.04	1.00	0.97											
A15 .00	AIR COMPRESSORS, PORTABLE															
A15 .10	ROTARY SCREW	1.10	1.04	1.00	0.95	0.91	0.90	0.91	0.88							
A20 .00	AIR HOSE, TOOLS & EQUIPMENT															
A20 .10	AIR HOSES	1.10	1.04													
A20 .20	BLAST HOSE	1.10	1.04													
A20 .30	SANDBLASTERS & BREAKERS	1.11	1.04													
A25 .00	ASPHALT DISTRIBUTORS	1.06	1.04	1.00	0.97	0.95	0.93									
A30 .00	ASPHALT FINISHERS/PAVERS															
A30 .10	SELF PROPELLED	1.06	1.04	1.00	0.97	0.95	0.93	0.93	0.90							
A30 .20	TOWED	1.06	1.04	1.00	0.97	0.95	0.93	0.93	0.90							
A35 .00	ASPHALT KETTLES	1.06	1.04	1.00	0.97											
A40 .00	ASPHALT & CONCR. MILLERS/PROFILERS	1.06	1.04	1.00	0.97	0.95	0.93	0.93	0.90							
A45 .00	ASPHALT RECYCLERS & SEALERS	1.06	1.04	1.00	0.97	0.95	0.93									
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	0.92	0.90									
B20 .00	BRUSH CHIPPERS	1.09	1.04	1.00	0.95	0.92	0.90									
B25 .00	BUCKETS, CLAMSHELL	1.11	1.07	1.00	0.91	0.89	0.88	0.87	0.84							
B30 .00	BUCKETS, CONCRETE															
B30 .10	GENERAL PURPOSE, MANUAL	1.11	1.07	1.00	0.91	0.89	0.88	0.86	0.84							
B30 .20	LAYDOWN	1.11	1.07	1.00	0.91	0.89	0.88	0.86	0.84							
B30 .30	LOWBOY	1.11	1.07	1.00	0.91	0.89	0.88	0.86	0.84							
B30 .40	LOW SLUMP	1.11	1.07	1.00	0.91	0.89	0.88	0.86	0.84							
B35 .00	BUCKETS, DRAGLINE															
B35 .10	LIGHT WEIGHT	1.11	1.07	1.00	0.91	0.89	0.88									
B35 .20	MEDIUM WEIGHT	1.11	1.07	1.00	0.91	0.89	0.88	0.87								
B35 .30	HEAVY WEIGHT	1.11	1.07	1.00	0.91	0.89	0.88	0.87	0.84							
C05 .00	CHAIN SAWS	1.09	1.04													
C10 .00	COMPACTORS, MANUALLY OPERATED	1.09	1.04	1.00												
C15 .00	CONCRETE BLASTERS	1.09	1.04	1.00	0.95											
C20 .00	CONCRETE BUGGIES	1.09	1.04	1.00												
C25 .00	CONCRETE FINISHERS	1.09	1.04	1.00												
C30 .00	CONCRETE GRINDERS	1.09	1.04	1.00												
C35 .00	CONCRETE GUNITERS/SHOTCRETERS	1.09	1.04	1.00	0.95	0.92										
C40 .00	CONCRETE MIXERS	1.09	1.04	1.00												

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	0.93	0.93	0.90							
C55	.00	CONCRETE PUMPS	1.08	1.04	1.00	0.95	0.92	0.90									
C60	.00	CONCRETE SAWS	1.09	1.04	1.00	0.95											
C65	.00	CONCRETE VIBRATORS	1.11	1.04													
C70	.00	CRANES, GANTRY & STRADDLE															
C75	.00	CRANES, HYDRAULIC, SELF-PROP.	1.12	1.05	1.00	0.93	0.90	0.88	0.85	0.84	0.82	0.81	0.75				
C80	.00	CRANES, HYDRAULIC, TRUCK MTD															
C80	.01	UNDER 26 TON	1.12	1.05	1.00	0.93	0.90	0.88	0.85	0.84	0.82	0.81	0.75				
C80	.02	26 TON THRU 65 TON	1.11	1.05	1.00	0.93	0.91	0.88	0.85	0.84	0.83	0.81	0.76	0.70	0.63		
C80	.03	66 TON THRU 125 TON	1.11	1.05	1.00	0.93	0.91	0.88	0.86	0.84	0.83	0.81	0.76	0.70	0.63	0.58	0.54
C80	.04	OVER 125 TON	1.11	1.05	1.00	0.93	0.91	0.88	0.86	0.84	0.83	0.81	0.76	0.70	0.64	0.58	0.54
C85	.00	CRANES, MECHANICAL, CRAWLER MTD															
C85	.10	DRAGLINE, CLAMSHELL															
C85	.11	0 THRU 1 CY	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.84	0.82						
C85	.12	OVER 1 CY THRU 2-1/2 CY	1.12	1.05	1.00	0.93	0.90	0.88	0.85	0.84	0.82	0.81	0.75				
C85	.13	OVER 2-1/2 CY THRU 5 CY	1.11	1.05	1.00	0.93	0.91	0.88	0.85	0.84	0.83	0.81	0.76	0.70	0.63		
C85	.14	OVER 5 CY	1.11	1.05	1.00	0.93	0.91	0.88	0.86	0.84	0.83	0.81	0.76	0.70	0.63	0.58	0.54
C85	.20	LIFTING															
C85	.21	0 THRU 25 TON	1.12	1.05	1.00	0.93	0.90	0.87	0.85	0.84	0.82	0.80					
C85	.22	26 TON THRU 50 TON	1.11	1.05	1.00	0.93	0.90	0.88	0.85	0.84	0.82	0.81	0.75	0.70			
C85	.23	51 TON THRU 150 TON	1.11	1.05	1.00	0.93	0.91	0.88	0.86	0.84	0.83	0.81	0.76	0.70	0.63	0.58	0.54
C85	.24	OVER 150 TON	1.11	1.05	1.00	0.93	0.91	0.88	0.86	0.84	0.83	0.81	0.76	0.70	0.64	0.58	0.54
C90	.00	CRANES, MECHANICAL, TRUCK MTD															
C90	.01	UNDER 26 TON	1.12	1.05	1.00	0.93	0.90	0.88	0.85	0.84	0.82	0.81	0.75				
C90	.02	26 TON THRU 65 TON	1.11	1.05	1.00	0.93	0.91	0.88	0.85	0.84	0.83	0.81	0.76	0.70	0.63		
C90	.03	66 TON THRU 125 TON	1.11	1.05	1.00	0.93	0.91	0.88	0.86	0.84	0.83	0.81	0.76	0.70	0.63	0.58	0.54
C90	.04	OVER 125 TON	1.11	1.05	1.00	0.93	0.91	0.88	0.86	0.84	0.83	0.81	0.76	0.70	0.64	0.58	0.54
C95	.00	CRANES, TOWER	1.11	1.05	1.00	0.93	0.91	0.88	0.86	0.84	0.83	0.81	0.76	0.70	0.63	0.58	0.54
D10	.00	DRILLS, AIR TRACK, CRAWLER MTD	1.08	1.04	1.00	0.94	0.94	0.93	0.95	0.94							
D15	.00	DRILLS, BORING MACHINES	1.08	1.04	1.00	0.94	0.94	0.93	0.95	0.94							
D20	.00	DRILLS, CORE, COLUMN MOUNTED	1.08	1.04	1.00	0.94	0.93	0.93									
D25	.00	DRILLS, CORE, SKID MOUNTED	1.08	1.04	1.00	0.94	0.94	0.93	0.95	0.94							
D30	.00	DRILLS, EARTH/AUGER	1.08	1.04	1.00	0.94	0.94	0.93	0.95	0.94							
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	0.94	0.95	0.94	0.95	0.94	0.87				
D35	.12	OVER 11" DIAM.	1.07	1.03	1.00	0.95	0.94	0.94	0.95	0.94	0.96	0.95	0.88	0.76	0.67	0.63	0.57
D35	.20	ELECTRIC															
D35	.21	0" THRU 11" DIA. HOLE	1.08	1.04	1.00	0.94	0.94	0.94	0.95	0.94	0.95	0.94	0.87				

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.	1.07	1.03	1.00	0.95	0.94	0.94	0.95	0.94	0.96	0.95	0.88	0.76	0.67	0.63	0.57
F10	.00	FORK LIFTS	1.08	1.04	1.00	0.95	0.92	0.90	0.89	0.88							
G10	.00	GENERATOR SETS															
G10	.10	PORTABLE	1.07	1.03	1.00	0.94	0.89	0.87									
G10	.20	SKID MOUNTED	1.07	1.03	1.00	0.94	0.89	0.87	0.87	0.84							
G15	.00	GRADERS, MOTOR	1.07	1.04	1.00	0.95	0.92	0.88	0.88	0.86	0.86						
H10	.00	HAMMERS, HYDRAULIC	1.09	1.04	1.00	0.95											
H15	.00	HEATERS, SPACE															
H20	.00	HOIST	1.09	1.04	1.00	0.95	0.92	0.90	0.89								
H25	.00	HYDRAULIC EXCAVATORS, CRAWLER MTD															
H25	.10	DIESEL or GASOLINE															
H25	.11	0 THRU 1 CY	1.07	1.05	1.00	0.92	0.89	0.86									
H25	.12	OVER 1 CY THRU 2-1/2 CY	1.07	1.05	1.00	0.92	0.90	0.87	0.85	0.83							
H25	.13	OVER 2-1/2 CY THRU 5 CY	1.07	1.05	1.00	0.93	0.90	0.87	0.85	0.84	0.82						
H25	.14	OVER 5 CY	1.07	1.05	1.00	0.93	0.90	0.88	0.85	0.84	0.82	0.81	0.75				
H30	.00	HYDRAULIC EXCAVATORS, WHEEL MTD															
H30	.01	0 THRU 1 CY	1.07	1.05	1.00	0.92	0.90	0.87									
H30	.02	OVER 1 CY	1.07	1.05	1.00	0.93	0.90	0.87	0.85	0.83							
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	0.88	0.85	0.84	0.82	0.81	0.75				
H35	.12	OVER 5 CY	1.07	1.05	1.00	0.93	0.91	0.88	0.85	0.84	0.83	0.81	0.76	0.70	0.63		
H35	.20	ELECTRIC															
H35	.21	OVER 2-1/2 CY	1.07	1.05	1.00	0.93	0.91	0.88	0.86	0.84	0.83	0.81	0.76	0.70	0.63	0.58	0.54
L10	.00	LAND CLEARING EQUIPMENT	1.08	1.04	1.00	0.94	0.88	0.84									
L15	.00	LAWN MOWERS	1.09	1.04													
L20	.00	LIGHTING SETS, TRAILER MOUNTED															
L20	.10	METALLIC VAPOR	1.09	1.04	1.00	0.95	0.92	0.90									
L25	.00	LINE STRIPING EQUIPMENT	1.09	1.04	1.00	0.95	0.92	0.90									
L30	.00	LOADERS, BELT	1.08	1.04	1.00	0.95	0.92	0.90	0.89	0.88							
L35	.00	LOADERS, FRONT END, CRAWLER TYPE	1.07	1.04	1.00	0.94	0.88	0.85	0.85	0.85							
L40	.00	LOADERS, FRONT END, WHEEL TYPE															
L40	.10	ARTICULATED															
L40	.11	0 THRU 225 HP	1.07	1.03	1.00	0.96	0.92	0.90	0.89	0.89							
L40	.12	OVER 225 HP	1.07	1.03	1.00	0.96	0.93	0.90	0.90	0.89	0.87						
L40	.20	SKID STEER	1.07	1.03	1.00	0.96	0.92	0.90									
L40	.30	TOOL CARRIER															
L40	.31	0 THRU 225 HP	1.07	1.03	1.00	0.96	0.92	0.90	0.89	0.89							
L40	.32	OVER 225 HP	1.07	1.03	1.00	0.96	0.93	0.90	0.90	0.89	0.87						

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	0.85	0.85	0.85							
L50	.00	LOADERS w/ BACKHOE, WHEEL TYPE	1.07	1.03	1.00	0.96	0.92	0.90	0.89	0.89							
L55	.00	LOADER/BACKHOE, ATTACHMENTS	1.09	1.04	1.00	0.95											
L60	.00	LOG SKIDDERS	1.06	1.03	1.00	0.98	0.96	0.95	0.95	0.91							
P10	.00	PILE EXTRACTORS & LEADS	1.10	1.05	1.00	0.94											
P20	.00	PILE HAMMERS, DOUBLE ACTING	1.10	1.05	1.00	0.94											
P25	.00	PILE HAMMERS, SINGLE ACTING	1.10	1.05	1.00	0.94											
P30	.00	PILE HAMMERS, VIBRATORY	1.10	1.05	1.00	0.94											
P35	.00	PIPELAYERS	1.07	1.04	1.00	0.94	0.88	0.85	0.85	0.85	0.85						
P40	.00	PLATFORMS, AERIAL WORK	1.12	1.05	1.00	0.92	0.90	0.87									
P45	.00	PUMPS, GROUT	1.08	1.04	1.00	0.95	0.92	0.90									
P50	.00	PUMPS, WATER, CENTRIFUGAL, TRASH															
P50	.10	SKID MOUNTED															
P50	.11	ENGINE DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P50	.12	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P50	.20	WHEEL MOUNTED															
P50	.21	ENGINE DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P50	.22	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P55	.00	PUMPS, WATER, SUBMERSIBLE															
P55	.01	ENGINE DRIVE	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.88							
P55	.02	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.88							
P60	.00	PUMPS, WATER,CENTRIF,DEWATERING															
P60	.10	SKID MOUNTED															
P60	.11	ENGINE DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P60	.12	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P60	.20	WHEEL MOUNTED															
P60	.21	ENGINE DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P60	.22	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P65	.00	PUMPS, WATER, DIAPHRAGM															
P65	.10	SKID MOUNTED															
P65	.11	ENGINE DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P65	.12	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P65	.20	WHEEL MOUNTED															
P65	.21	ENGINE DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P65	.22	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P70	.00	PUMPS, WATER (FOR CORE DRILLS)															
P70	.01	ENGINE DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
P70	.02	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
R10	.00	RIPPERS & HYDRAULIC BANK SLOPERS	1.08	1.04	1.00	0.94	0.88	0.84									

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	0.92	0.90	0.86							
R20 .00	ROLLERS, TOWED - STEEL DRUM	1.06	1.03	1.00	0.98	0.93	0.92	0.90	0.86							
R30 .00	ROLLERS, STATIC, SELF-PROPELLED															
R30 .01	PNEUMATIC	1.06	1.03	1.00	0.98	0.93	0.91									
R30 .02	SMOOTH DRUM	1.06	1.03	1.00	0.98	0.93	0.92	0.90	0.86							
R30 .03	TAMPING FOOT	1.06	1.03	1.00	0.98	0.93	0.92	0.90	0.86							
R40 .00	ROLLERS, VIBRATORY, TOWED	1.06	1.03	1.00	0.98	0.93	0.91									
R45 .00	ROLLERS, VIBRATORY, DOUBLE DRUM,	1.06	1.03	1.00	0.98	0.93	0.91									
R50 .00	ROLLERS, VIBRATORY, SINGLE DRUM	1.06	1.03	1.00	0.98	0.93	0.91									
R55 .00	ROOFING EQUIPMENT	1.09	1.04	1.00	0.95											
S10 .00	SCRAPERS, ELEVATING															
S10 .01	0 THRU 200 HP	1.07	1.04	1.00	0.95	0.92	0.88	0.88	0.85							
S10 .02	OVER 200 HP	1.07	1.03	1.00	0.95	0.92	0.89	0.88	0.86							
S15 .00	SCRAPERS, CONVENTIONAL	1.07	1.03	1.00	0.95	0.92	0.89	0.88	0.86							
S20 .00	SCRAPERS, TANDEM POWERED	1.07	1.03	1.00	0.95	0.92	0.89	0.88	0.86							
S25 .00	SCRAPERS, TRACTOR DRAWN	1.07	1.03	1.00	0.95	0.92	0.89	0.88	0.86	0.86						
S30 .00	SCREENING PLANTS															
S35 .00	SNOW REMOVAL EQUIPMENT	1.09	1.04	1.00	0.95	0.92	0.90									
S40 .00	SOIL STABILIZERS	1.07	1.04	1.00	0.95	0.92	0.88	0.88	0.85							
S45 .00	SPLITTERS, ROCK & CONCRETE	1.09	1.04	1.00	0.95											
T10 .00	TRACTOR BLADES & ATTACHMENTS	1.07	1.04	1.00	0.94	0.88	0.85	0.85	0.85							
T15 .00	TRACTORS, CRAWLER (DOZER)															
T15 .01	0 THRU 225 HP	1.07	1.04	1.00	0.94	0.88	0.84	0.84	0.85							
T15 .02	226 HP THRU 425 HP	1.07	1.04	1.00	0.94	0.88	0.85	0.85	0.85							
T15 .03	OVER 425 HP	1.07	1.04	1.00	0.94	0.89	0.85	0.85	0.86	0.86						
T20 .00	TRACTORS, WHEEL TYPE (DOZER)	1.06	1.03	1.00	0.98	0.96	0.95	0.95	0.91							
T25 .00	TRACTORS, WHEEL TYPE (FARM)	1.06	1.03	1.00	0.98	0.96	0.95									
T30 .00	TRENCHERS, CHAIN	1.07	1.03	1.00	0.98	0.96	0.96									
T35 .00	TRENCHERS, WHEEL TYPE	1.07	1.03	1.00	0.98	0.97	0.96	0.94	0.93							
T40 .00	TRUCK OPTIONS, (ADD TRUCK)															
T40 .10	CRANES, HYDRAULIC	1.09	1.04	1.00	0.95	0.92	0.90									
T40 .20	DUMP BODY, REAR	1.09	1.04	1.00	0.95	0.92	0.90									
T40 .30	FLATBEDS, W/ CONT. SIDES	1.09	1.04	1.00	0.95	0.92	0.90									
T40 .40	HOIST															
T40 .41	ELECTRIC DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
T40 .50	TRANSIT MIXERS	1.08	1.04	1.00	0.95	0.92	0.90									
T40 .60	WATER TANKS	1.09	1.04	1.00	0.95	0.92	0.90									
T40 .70	ALL OTHER OPTIONS	1.09	1.04	1.00	0.95	0.92	0.90									
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	1977
T45 .10	BOTTOM DUMP	1.08	1.04	1.00	0.95	0.93	0.91	0.89	0.88							
T45 .20	END DUMP	1.08	1.04	1.00	0.95	0.93	0.91	0.89	0.88							
T45 .30	PUP TRAILER	1.08	1.04	1.00	0.95	0.92	0.90									
T45 .40	LOWBOY (EQUIPMENT HAULING)															
T45 .41	RIGID NECK, DROP DECK	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.87							
T45 .50	PLATFORM TRAILER	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.87							
T45 .60	TILT TRAILER	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.87							
T45 .70	WATER TANKER TRAILER	1.09	1.04	1.00	0.95	0.92	0.90	0.89	0.87							
T45 .80	DECONTAMINATION FACILITY	1.09	1.04	1.00	0.95	0.92	0.90									
T50 .00	TRUCKS, HIGHWAY															
T50 .01	0 THRU 10,000 GVW	1.06	1.02	1.00	0.96	0.94										
T50 .02	OVER 10,000 THRU 30,000 GVW	1.06	1.02	1.00	0.96	0.94	0.93									
T50 .03	OVER 30,000 GVW	1.06	1.02	1.00	0.96	0.94	0.93									
T55 .00	TRUCKS, OFF-HIGHWAY	1.11	1.05	1.00	0.93	0.88	0.87	0.86	0.85	0.84						
T60 .00	TRUCKS, WATER, OFF-HIGHWAY	1.11	1.05	1.00	0.93	0.88	0.87	0.86	0.85	0.84						
T65 .00	TUNNEL MINING MACHINES															
W10 .00	WAGONS, BOTTOM DUMP	1.11	1.05	1.00	0.93	0.88	0.87	0.86	0.85	0.84						
W15 .00	WAGONS, REAR DUMP	1.11	1.05	1.00	0.93	0.88	0.87	0.86	0.85	0.84						
W25 .00	WATER BLASTERS															
W25 .10	LOW PRESSURE, (< 5,000 PSI)	1.09	1.05													
W25 .20	HIGH PRESSURE, (>= 5,000 PSI)	1.09	1.04	1.00	0.95											
W25 .30	STEAM CLEANERS	1.09	1.05													
W30 .00	WATER TANKS															
W30 .10	PORTABLE W/ WHEELS	1.11	1.05	1.00	0.93	0.88	0.87	0.86	0.85	0.84						
W30 .20	SKID MOUNTED	1.11	1.05	1.00	0.93	0.88	0.87	0.86	0.85	0.84						
W35 .00	WELDERS															
W35 .10	GASOLINE or DIESEL DRIVE	1.09	1.04	1.00	0.95	0.92	0.90									
W35 .20	ELECTRICAL															
W35 .21	ELECTRIC DRIVE	1.09	1.05	1.00	0.95											
W35 .22	MIG	1.09	1.05	1.00	0.95											
W35 .23	RECTIFIER	1.09	1.05	1.00	0.95											
W35 .24	TRANSFORMER	1.09	1.05	1.00	0.95											

TABLE 3-4. SHIFT ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

REGION IX

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:

Total Hourly Rate (adjusted for age)	= $50.50/Hr
Ownership Rate (adjusted for age)	(-) $25.50/Hr
Ownership Adjusted for Work Hours (Ownership Rate) x (Work Hr Adjustment Factor) = ($25.50) x (.86)	= (+) $21.93/Hr
Adjusted Total Hourly Rate	= $46.93/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	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.90	0.89
4,000	1.00	0.98	0.97	0.96	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.89	0.88
5,000	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
5,500	1.00	0.98	0.96	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.86	0.85
6,000	1.00	0.97	0.96	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.85	0.84
6,500	1.00	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83
7,000	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
8,000	1.00	0.97	0.95	0.93	0.91	0.89	0.88	0.86	0.85	0.83	0.82	0.82	0.80
9,000	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
10,000	1.00	0.96	0.95	0.92	0.89	0.87	0.86	0.84	0.82	0.81	0.80	0.79	0.77
11,000	1.00	0.96	0.94	0.91	0.89	0.87	0.85	0.83	0.81	0.80	0.78	0.77	0.76
12,000	1.00	0.96	0.94	0.91	0.88	0.86	0.84	0.82	0.80	0.79	0.77	0.76	0.74
13,000	1.00	0.96	0.94	0.90	0.87	0.85	0.83	0.81	0.79	0.77	0.76	0.75	0.73
14,000	1.00	0.96	0.93	0.90	0.87	0.85	0.83	0.80	0.78	0.76	0.75	0.74	0.72
15,000	1.00	0.95	0.93	0.89	0.86	0.84	0.82	0.80	0.77	0.76	0.74	0.73	0.71
16,000	1.00	0.95	0.93	0.89	0.86	0.83	0.81	0.79	0.77	0.75	0.73	0.72	0.70
18,000	1.00	0.95	0.92	0.88	0.85	0.82	0.80	0.77	0.75	0.73	0.71	0.70	0.68
20,000	1.00	0.95	0.92	0.88	0.84	0.81	0.79	0.76	0.74	0.71	0.70	0.68	0.66
22,000	1.00	0.94	0.92	0.87	0.83	0.80	0.78	0.75	0.72	0.70	0.68	0.67	0.64
50,000	1.00	0.92	0.89	0.82	0.77	0.73	0.69	0.66	0.62	0.59	0.56	0.54	0.51

TABLE 3-5. HOURLY RATE ELEMENT

		AVERAGE CONDITIONS								SEVERE CONDITIONS							
CAT	ID. NO.	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
A10																	
	A10ET001	5.80	2.85	4.26	1.02	0.28	0.04	7.16	21.41								
	A10ET002	6.04	2.97	5.32	1.28	0.28	0.04	7.46	23.39								
	A10ET003	6.55	3.22	4.26	1.02	0.28	0.04	8.08	23.45								
	A10ET004	6.82	3.34	5.32	1.28	0.28	0.04	8.41	25.49								
	A10RS001	5.33	2.63	4.26	1.02	0.28	0.04	6.58	20.14								
	A10RS002	5.42	2.67	4.26	1.02	0.28	0.04	6.70	20.39								
	A10AR001	0.40	0.12	0.00	0.00	0.00	0.00	0.39	0.91								
	A10AR002	0.81	0.24	0.00	0.00	0.00	0.00	0.79	1.84								
A15																	
	A15XX001	0.97	0.54	4.79	1.53	0.04	0.01	1.34	9.22								
	A15XX002	1.17	0.65	1.26	0.35	0.04	0.01	1.61	5.09								
	A15XX003	1.19	0.66	6.23	1.99	0.04	0.01	1.64	11.76								
	A15XX004	1.27	0.70	1.84	0.51	0.04	0.01	1.75	6.12								
	A15XX005	1.30	0.72	6.71	2.15	0.04	0.01	1.79	12.72								
	A15XX006	1.47	0.81	2.34	0.66	0.04	0.01	2.03	7.36								
	A15XX007	1.34	0.74	6.71	2.15	0.04	0.01	1.85	12.84								
	A15XX008	1.58	0.87	2.70	0.76	0.04	0.01	2.18	8.14								
	A15XX009	2.21	1.22	3.42	0.96	0.04	0.01	3.05	10.91								
	A15XX010	2.86	1.61	4.03	1.13	0.18	0.03	3.96	13.80								
	A15XX011	4.13	2.29	5.40	1.51	0.18	0.03	5.70	19.24								
	A15XX012	4.60	2.56	7.20	2.02	0.21	0.03	6.35	22.97								
	A15XX013	5.35	2.97	8.64	2.42	0.21	0.03	7.39	27.01								
	A15XX014	6.02	3.33	9.36	2.62	0.21	0.03	8.30	29.87								
	A15XX015	8.48	4.67	11.70	3.28	0.21	0.03	11.69	40.06								
	A15XX016	9.51	5.24	14.22	3.98	0.26	0.04	13.10	46.35								
	A15XX017	10.01	5.51	16.42	4.60	0.26	0.04	13.79	50.63								
A20																	
	A20XX001	0.14	0.02	0.00	0.00	0.00	0.00	0.31	0.47								
	A20XX002	0.15	0.02	0.00	0.00	0.00	0.00	0.34	0.51								
	A20XX003	0.18	0.03	0.00	0.00	0.00	0.00	0.41	0.62								
	A20XX004	0.21	0.03	0.00	0.00	0.00	0.00	0.48	0.72								
	A20XX005	0.30	0.05	0.00	0.00	0.00	0.00	0.67	1.02								
	A20XX006	0.35	0.06	0.00	0.00	0.00	0.00	0.79	1.20								
	A20XX007	0.73	0.12	0.00	0.00	0.00	0.00	1.63	2.48								
	A20XX008	1.09	0.18	0.00	0.00	0.00	0.00	2.45	3.72								
	A20XX009	0.05	0.01	0.00	0.00	0.00	0.00	0.11	0.17								
	A20XX010	0.05	0.01	0.00	0.00	0.00	0.00	0.12	0.18								
	A20XX011	0.12	0.02	0.00	0.00	0.00	0.00	0.27	0.41								
	A20XX012	0.15	0.02	0.00	0.00	0.00	0.00	0.34	0.51								
	A20XX013	0.18	0.03	0.00	0.00	0.00	0.00	0.39	0.60								
	A20XX014	0.26	0.04	0.00	0.00	0.00	0.00	0.58	0.88								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
A20																	
	A20XX015	0.34	0.05	0.00	0.00	0.00	0.00	0.75	1.14								
	A20XX016	0.48	0.08	0.00	0.00	0.00	0.00	1.08	1.64								
	A20XX017	0.11	0.02	0.00	0.00	0.00	0.00	0.28	0.41								
	A20XX018	0.15	0.02	0.00	0.00	0.00	0.00	0.37	0.54								
	A20XX019	0.19	0.03	0.00	0.00	0.00	0.00	0.47	0.69								
	A20XX020	0.23	0.04	0.00	0.00	0.00	0.00	0.57	0.84								
	A20CM001	0.35	0.07	0.00	0.06	0.00	0.00	0.88	1.36								
	A20CM002	0.62	0.13	0.00	0.06	0.00	0.00	1.57	2.38								
	A20CM003	0.67	0.14	0.00	0.06	0.00	0.00	1.72	2.59								
	A20CM004	0.91	0.20	0.00	0.13	0.00	0.00	2.32	3.56								
	A20CM005	2.36	0.51	0.00	0.13	0.00	0.00	6.04	9.04								
	A20CM006	2.77	0.62	0.00	0.28	0.08	0.01	7.12	10.88								
	A20CM007	3.46	0.78	0.00	0.41	0.12	0.02	8.92	13.71								
	A20CM008	3.49	0.82	0.00	0.51	0.26	0.04	9.10	14.22								
	A20CM009	2.18	0.47	0.00	0.30	0.00	0.00	5.56	8.51								
	A20GD001	0.16	0.03	0.00	0.06	0.00	0.00	0.41	0.66								
	A20GD002	0.37	0.08	0.00	0.11	0.00	0.00	0.95	1.51								
	A20GD003	0.39	0.08	0.00	0.11	0.00	0.00	1.01	1.59								
	A20GD004	0.19	0.04	0.00	0.06	0.00	0.00	0.49	0.78								
	A20GD005	0.21	0.05	0.00	0.06	0.00	0.00	0.55	0.87								
	A20GD006	0.72	0.15	0.00	0.13	0.00	0.00	1.83	2.83								
	A20WC001	0.23	0.05	0.00	0.11	0.00	0.00	0.58	0.97								
	A20WC002	0.30	0.06	0.10	0.19	0.00	0.00	0.76	1.41								
	A20WC003	0.73	0.16	0.38	0.12	0.00	0.00	1.86	3.25								
	A20WC004	0.74	0.16	0.38	0.12	0.00	0.00	1.89	3.29								
A25																	
	A25RS001	3.29	1.29	4.79	1.53	0.00	0.00	4.58	15.48								
	A25RS002	3.47	1.36	0.00	1.50	0.00	0.00	4.83	11.16								
	A25RS003	3.39	1.33	4.79	1.53	0.00	0.00	4.72	15.76								
	A25RS004	3.60	1.41	0.00	1.60	0.00	0.00	5.02	11.63								
	A25RS005	3.70	1.45	4.79	1.53	0.00	0.00	5.16	16.63								
	A25RS006	3.89	1.53	0.00	1.70	0.00	0.00	5.42	12.54								
	A25RS007	4.05	1.59	4.79	1.53	0.00	0.00	5.64	17.60								
	A25RS008	4.52	1.77	0.00	1.80	0.00	0.00	6.29	14.38								
A30																	
	A30BG001	11.69	5.73	2.81	0.79	0.49	0.07	19.23	40.81								
	A30BG002	13.26	6.59	3.78	1.06	1.03	0.15	21.87	47.74								
	A30BG003	14.69	7.41	5.11	1.43	1.66	0.25	24.31	54.86								
	A30BG004	13.82	6.65	3.78	1.06	0.00	0.00	22.65	47.96								
	A30BG005	16.51	7.95	3.78	1.06	0.00	0.00	27.05	56.35								
	A30BG006	18.70	9.00	5.11	1.43	0.00	0.00	30.64	64.88								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
A30																	
	A30BK001	4.65	2.29	0.83	0.23	0.23	0.03	7.66	15.92								
	A30BK002	7.23	3.53	1.58	0.44	0.23	0.03	11.89	24.93								
	A30BK003	11.08	5.52	2.59	0.73	0.94	0.14	18.28	39.28								
	A30BK004	12.03	5.98	3.13	0.88	0.94	0.14	19.85	42.95								
	A30BK005	14.82	7.38	3.85	1.08	1.25	0.19	24.46	53.03								
	A30BK006	18.26	9.13	5.33	1.49	1.72	0.26	30.17	66.36								
	A30BK007	14.43	6.94	3.71	1.04	0.00	0.00	23.63	49.75								
	A30BK008	17.08	8.22	4.32	1.21	0.00	0.00	27.99	58.82								
	A30CA001	3.40	1.63	1.26	0.35	0.00	0.00	5.56	12.20								
	A30CA002	12.68	6.30	3.67	1.03	0.96	0.14	20.91	45.69								
	A30CA003	15.33	7.65	5.22	1.46	1.38	0.21	25.32	56.57								
	A30LA001	1.70	0.85	1.34	0.93	0.12	0.02	2.25	7.21								
	A30LA002	2.30	1.13	1.34	0.93	0.12	0.02	3.03	8.87								
A35																	
	A35AE001	0.43	0.14	0.00	1.00	0.03	0.00	0.57	2.17								
	A35AE002	0.47	0.15	0.00	1.25	0.03	0.00	0.63	2.53								
	A35AE003	0.61	0.19	0.00	1.35	0.03	0.00	0.80	2.98								
	A35AE004	0.78	0.24	0.00	1.55	0.03	0.00	1.02	3.62								
	A35AE005	0.90	0.30	0.00	2.00	0.09	0.01	1.20	4.50								
	A35RS001	0.61	0.19	0.00	1.20	0.03	0.00	0.81	2.84								
	A35RS002	0.74	0.23	0.00	1.50	0.03	0.00	0.98	3.48								
A40																	
	A40CA001	6.00	2.98	2.77	0.78	0.46	0.07	9.90	22.96								
	A40CA002	10.18	4.99	3.24	0.91	0.46	0.07	16.75	36.60								
	A40CA003	21.54	10.37	9.72	2.72	0.00	0.00	35.28	79.63								
	A40CA004	27.23	13.10	16.20	4.54	0.00	0.00	44.61	105.68								
	A40CA005	37.67	18.13	27.00	7.56	0.00	0.00	61.71	152.07								
	A40CA006	47.96	23.09	27.00	7.56	0.00	0.00	78.58	184.19								
	A40IN001	8.43	4.10	4.39	1.23	0.22	0.03	13.84	32.24								
	A40IN002	8.83	4.29	4.39	1.23	0.22	0.03	14.49	33.48								
	A40IN003	10.85	5.27	5.04	1.41	0.22	0.03	17.81	40.63								
	A40IN004	21.19	10.24	14.40	4.03	0.22	0.03	34.75	84.86								
	A40IN005	24.58	11.83	14.40	4.03	0.00	0.00	40.27	95.11								
	A40IN006	31.35	15.09	18.90	5.29	0.00	0.00	51.36	121.99								
A45																	
	A45AE001	0.80	0.32	0.00	1.50	0.03	0.00	1.19	3.84								
	A45AE002	1.43	0.57	0.00	2.50	0.03	0.00	2.12	6.65								
	A45AE003	1.69	0.67	0.00	3.00	0.03	0.00	2.50	7.89								
	A45SE001	1.04	0.42	1.72	1.55	0.04	0.01	1.54	6.32								
	A45SE002	1.42	0.57	1.92	1.86	0.04	0.01	2.11	7.93								
	A45SE003	1.99	0.81	2.87	2.92	0.17	0.03	2.97	11.76								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
A45																	
	A45SE004	1.58	0.66	0.00	0.50	0.18	0.03	2.37	5.32								
B15																	
	B15AB001	3.30	1.33	2.74	0.77	0.14	0.02	4.46	12.76								
	B15IG001	2.47	1.03	2.74	0.77	0.25	0.04	3.35	10.65								
	B15MB001	0.41	0.16	0.00	0.10	0.00	0.00	0.55	1.22								
	B15MB002	0.69	0.27	0.00	0.14	0.00	0.00	0.93	2.03								
	B15MB003	0.72	0.30	0.00	0.24	0.05	0.01	0.97	2.29								
	B15MB004	0.82	0.34	1.72	0.41	0.05	0.01	1.11	4.46								
	B15RS001	2.56	1.03	2.74	0.77	0.09	0.01	3.45	10.65								
	B15RS002	2.32	0.92	0.00	0.50	0.00	0.00	3.12	6.86								
	B15RS003	2.55	1.01	0.00	0.60	0.00	0.00	3.42	7.58								
	B15RS004	2.70	1.07	0.00	0.70	0.00	0.00	3.63	8.10								
B20																	
	B20CI001	0.50	0.20	1.72	0.55	0.03	0.00	0.76	3.76								
	B20CI002	0.99	0.40	2.87	0.92	0.02	0.00	1.51	6.71								
	B20CI003	1.25	0.50	5.75	1.84	0.03	0.00	1.90	11.27								
	B20CI004	1.43	0.57	2.74	0.77	0.03	0.00	2.17	7.71								
	B20CI005	0.98	0.39	3.54	1.13	0.03	0.00	1.48	7.55								
	B20CI006	1.47	0.59	2.74	0.77	0.03	0.00	2.23	7.83								
	B20CI007	1.51	0.61	2.74	0.77	0.04	0.01	2.30	7.98								
	B20VE001	1.50	0.60	9.49	3.04	0.04	0.01	2.28	16.96								
	B20VE002	2.04	0.82	9.20	2.94	0.05	0.01	3.10	18.16								
B25																	
	B25ES001	1.08	0.48	0.00	0.00	0.00	0.00	1.23	2.79	1.36	0.49	0.00	0.00	0.00	0.00	1.75	3.60
	B25ES002	1.16	0.51	0.00	0.00	0.00	0.00	1.31	2.98	1.45	0.52	0.00	0.00	0.00	0.00	1.87	3.84
	B25ES003	1.28	0.56	0.00	0.00	0.00	0.00	1.45	3.29	1.60	0.57	0.00	0.00	0.00	0.00	2.07	4.24
	B25ES004	1.38	0.61	0.00	0.00	0.00	0.00	1.55	3.54	1.72	0.62	0.00	0.00	0.00	0.00	2.22	4.56
	B25ES005	1.47	0.65	0.00	0.00	0.00	0.00	1.67	3.79	1.84	0.66	0.00	0.00	0.00	0.00	2.38	4.88
	B25ES006	1.98	0.87	0.00	0.00	0.00	0.00	2.23	5.08	2.47	0.89	0.00	0.00	0.00	0.00	3.19	6.55
	B25ES007	2.17	0.96	0.00	0.00	0.00	0.00	2.45	5.58	2.71	0.97	0.00	0.00	0.00	0.00	3.50	7.18
	B25ES008	2.29	1.01	0.00	0.00	0.00	0.00	2.59	5.89	2.86	1.03	0.00	0.00	0.00	0.00	3.70	7.59
	B25ES009	2.98	1.31	0.00	0.00	0.00	0.00	3.37	7.66	3.73	1.34	0.00	0.00	0.00	0.00	4.82	9.89
	B25ES010	3.16	1.39	0.00	0.00	0.00	0.00	3.57	8.12	3.95	1.42	0.00	0.00	0.00	0.00	5.10	10.47
	B25ES011	3.42	1.51	0.00	0.00	0.00	0.00	3.87	8.80	4.27	1.54	0.00	0.00	0.00	0.00	5.52	11.33
	B25ES012	3.76	1.66	0.00	0.00	0.00	0.00	4.25	9.67	4.70	1.69	0.00	0.00	0.00	0.00	6.08	12.47
	B25ES013	4.07	1.80	0.00	0.00	0.00	0.00	4.61	10.48	5.09	1.83	0.00	0.00	0.00	0.00	6.58	13.50
	B25ES014	4.34	1.91	0.00	0.00	0.00	0.00	4.91	11.16	5.42	1.95	0.00	0.00	0.00	0.00	7.01	14.38
	B25ES015	4.77	2.10	0.00	0.00	0.00	0.00	5.40	12.27	5.96	2.14	0.00	0.00	0.00	0.00	7.71	15.81
	B25ES016	4.96	2.19	0.00	0.00	0.00	0.00	5.61	12.76	6.20	2.23	0.00	0.00	0.00	0.00	8.02	16.45
	B25ES017	5.23	2.30	0.00	0.00	0.00	0.00	5.91	13.44	6.54	2.35	0.00	0.00	0.00	0.00	8.45	17.34
	B25ES018	5.48	2.42	0.00	0.00	0.00	0.00	6.20	14.10	6.85	2.46	0.00	0.00	0.00	0.00	8.86	18.17

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
B25																	
	B25ES019	5.69	2.51	0.00	0.00	0.00	0.00	6.43	14.63	7.11	2.56	0.00	0.00	0.00	0.00	9.19	18.86
	B25ES020	1.12	0.49	0.00	0.00	0.00	0.00	1.27	2.88	1.40	0.50	0.00	0.00	0.00	0.00	1.81	3.71
	B25ES021	1.20	0.53	0.00	0.00	0.00	0.00	1.36	3.09	1.50	0.54	0.00	0.00	0.00	0.00	1.94	3.98
	B25ES022	1.64	0.72	0.00	0.00	0.00	0.00	1.86	4.22	2.05	0.74	0.00	0.00	0.00	0.00	2.65	5.44
	B25ES023	1.67	0.74	0.00	0.00	0.00	0.00	1.89	4.30	2.09	0.75	0.00	0.00	0.00	0.00	2.70	5.54
	B25ES024	1.77	0.78	0.00	0.00	0.00	0.00	2.00	4.55	2.21	0.80	0.00	0.00	0.00	0.00	2.86	5.87
	B25ES025	2.42	1.07	0.00	0.00	0.00	0.00	2.74	6.23	3.03	1.09	0.00	0.00	0.00	0.00	3.91	8.03
	B25ES026	2.52	1.11	0.00	0.00	0.00	0.00	2.85	6.48	3.16	1.13	0.00	0.00	0.00	0.00	4.08	8.37
	B25ES027	2.62	1.15	0.00	0.00	0.00	0.00	2.96	6.73	3.27	1.17	0.00	0.00	0.00	0.00	4.23	8.67
	B25ES028	3.32	1.47	0.00	0.00	0.00	0.00	3.76	8.55	4.16	1.49	0.00	0.00	0.00	0.00	5.37	11.02
	B25ES029	3.64	1.60	0.00	0.00	0.00	0.00	4.11	9.35	4.55	1.63	0.00	0.00	0.00	0.00	5.88	12.06
	B25ES030	4.18	1.84	0.00	0.00	0.00	0.00	4.73	10.75	5.23	1.88	0.00	0.00	0.00	0.00	6.76	13.87
	B25ES031	4.45	1.96	0.00	0.00	0.00	0.00	5.03	11.44	5.57	2.00	0.00	0.00	0.00	0.00	7.19	14.76
	B25ES032	4.78	2.11	0.00	0.00	0.00	0.00	5.41	12.30	5.98	2.15	0.00	0.00	0.00	0.00	7.73	15.86
	B25ES033	5.24	2.31	0.00	0.00	0.00	0.00	5.92	13.47	6.55	2.35	0.00	0.00	0.00	0.00	8.47	17.37
	B25ES034	5.53	2.44	0.00	0.00	0.00	0.00	6.25	14.22	6.91	2.48	0.00	0.00	0.00	0.00	8.93	18.32
	B25ES035	5.80	2.56	0.00	0.00	0.00	0.00	6.56	14.92	7.25	2.60	0.00	0.00	0.00	0.00	9.37	19.22
	B25ES036	6.11	2.69	0.00	0.00	0.00	0.00	6.91	15.71	7.63	2.74	0.00	0.00	0.00	0.00	9.87	20.24
	B25ES037	6.37	2.81	0.00	0.00	0.00	0.00	7.20	16.38	7.96	2.86	0.00	0.00	0.00	0.00	10.28	21.10
	B25ES038	6.62	2.92	0.00	0.00	0.00	0.00	7.48	17.02	8.27	2.97	0.00	0.00	0.00	0.00	10.69	21.93
	B25ES039	1.35	0.59	0.00	0.00	0.00	0.00	1.53	3.47	1.69	0.61	0.00	0.00	0.00	0.00	2.18	4.48
	B25ES040	1.86	0.82	0.00	0.00	0.00	0.00	2.11	4.79	2.33	0.84	0.00	0.00	0.00	0.00	3.01	6.18
	B25ES041	1.94	0.86	0.00	0.00	0.00	0.00	2.20	5.00	2.43	0.87	0.00	0.00	0.00	0.00	3.14	6.44
	B25ES042	2.09	0.92	0.00	0.00	0.00	0.00	2.37	5.38	2.62	0.94	0.00	0.00	0.00	0.00	3.38	6.94
	B25ES043	2.75	1.21	0.00	0.00	0.00	0.00	3.11	7.07	3.44	1.24	0.00	0.00	0.00	0.00	4.45	9.13
	B25ES044	2.98	1.31	0.00	0.00	0.00	0.00	3.37	7.66	3.73	1.34	0.00	0.00	0.00	0.00	4.82	9.89
	B25ES045	3.35	1.48	0.00	0.00	0.00	0.00	3.79	8.62	4.19	1.51	0.00	0.00	0.00	0.00	5.42	11.12
	B25ES046	3.77	1.66	0.00	0.00	0.00	0.00	4.26	9.69	4.71	1.69	0.00	0.00	0.00	0.00	6.09	12.49
	B25ES047	4.20	1.85	0.00	0.00	0.00	0.00	4.75	10.80	5.25	1.89	0.00	0.00	0.00	0.00	6.79	13.93
	B25ES048	4.63	2.04	0.00	0.00	0.00	0.00	5.23	11.90	5.79	2.08	0.00	0.00	0.00	0.00	7.48	15.35
	B25ES049	4.90	2.16	0.00	0.00	0.00	0.00	5.55	12.61	6.13	2.20	0.00	0.00	0.00	0.00	7.92	16.25
	B25ES050	5.10	2.25	0.00	0.00	0.00	0.00	5.77	13.12	6.38	2.29	0.00	0.00	0.00	0.00	8.25	16.92
	B25ES051	5.52	2.43	0.00	0.00	0.00	0.00	6.24	14.19	6.90	2.48	0.00	0.00	0.00	0.00	8.91	18.29
	B25ES052	5.84	2.58	0.00	0.00	0.00	0.00	6.61	15.03	7.31	2.63	0.00	0.00	0.00	0.00	9.44	19.38
	B25ES053	6.14	2.71	0.00	0.00	0.00	0.00	6.95	15.80	7.68	2.76	0.00	0.00	0.00	0.00	9.93	20.37
	B25ES054	6.54	2.88	0.00	0.00	0.00	0.00	7.39	16.81	8.18	2.94	0.00	0.00	0.00	0.00	10.57	21.69
	B25ES055	6.77	2.98	0.00	0.00	0.00	0.00	7.65	17.40	8.46	3.04	0.00	0.00	0.00	0.00	10.93	22.43
	B25ES056	7.05	3.11	0.00	0.00	0.00	0.00	7.97	18.13	8.81	3.16	0.00	0.00	0.00	0.00	11.38	23.35
B30																	
	B30GB001	0.16	0.08	0.00	0.00	0.00	0.00	0.19	0.43								
	B30GB002	0.21	0.10	0.00	0.00	0.00	0.00	0.26	0.57								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
B30																	
	B30GB003	0.26	0.13	0.00	0.00	0.00	0.00	0.32	0.71								
	B30GB004	0.37	0.18	0.00	0.00	0.00	0.00	0.45	1.00								
	B30GB005	0.47	0.23	0.00	0.00	0.00	0.00	0.56	1.26								
	B30GB006	0.76	0.37	0.00	0.00	0.00	0.00	0.98	2.11								
	B30GB007	0.86	0.42	0.00	0.00	0.00	0.00	1.12	2.40								
	B30GB008	0.99	0.49	0.00	0.00	0.00	0.00	1.29	2.77								
	B30GB009	1.12	0.55	0.00	0.00	0.00	0.00	1.45	3.12								
	B30GB010	1.34	0.66	0.00	0.00	0.00	0.00	1.74	3.74								
	B30CR001	0.24	0.12	0.00	0.00	0.00	0.00	0.34	0.70								
	B30CR002	0.25	0.12	0.00	0.00	0.00	0.00	0.35	0.72								
	B30CR003	0.28	0.14	0.00	0.00	0.00	0.00	0.39	0.81								
	B30CR004	0.30	0.15	0.00	0.00	0.00	0.00	0.41	0.86								
	B30CR005	0.35	0.17	0.00	0.00	0.00	0.00	0.49	1.01								
	B30CR006	0.41	0.20	0.00	0.00	0.00	0.00	0.57	1.18								
	B30CR007	0.52	0.26	0.00	0.00	0.00	0.00	0.73	1.51								
	B30CR008	0.61	0.30	0.00	0.00	0.00	0.00	0.85	1.76								
	B30GB011	0.66	0.32	0.00	0.00	0.00	0.00	0.92	1.90								
	B30GB012	0.69	0.34	0.00	0.00	0.00	0.00	0.95	1.98								
	B30GB013	0.72	0.35	0.00	0.00	0.00	0.00	0.99	2.06								
	B30GB014	0.98	0.48	0.00	0.00	0.00	0.00	1.36	2.82								
	B30GB015	1.02	0.50	0.00	0.00	0.00	0.00	1.41	2.93								
	B30GB016	1.48	0.72	0.00	0.00	0.00	0.00	2.05	4.25								
	B30GB017	1.76	0.86	0.00	0.00	0.00	0.00	2.44	5.06								
B35																	
	B35HE001	0.49	0.18	0.00	0.00	0.00	0.00	0.56	1.23	0.60	0.18	0.00	0.00	0.00	0.00	0.78	1.56
	B35HE002	0.58	0.21	0.00	0.00	0.00	0.00	0.66	1.45	0.72	0.21	0.00	0.00	0.00	0.00	0.93	1.86
	B35HE003	0.72	0.26	0.00	0.00	0.00	0.00	0.82	1.80	0.89	0.27	0.00	0.00	0.00	0.00	1.15	2.31
	B35HE004	0.86	0.31	0.00	0.00	0.00	0.00	0.97	2.14	1.06	0.31	0.00	0.00	0.00	0.00	1.36	2.73
	B35HE005	1.01	0.36	0.00	0.00	0.00	0.00	1.14	2.51	1.24	0.37	0.00	0.00	0.00	0.00	1.60	3.21
	B35HE006	1.24	0.45	0.00	0.00	0.00	0.00	1.40	3.09	1.53	0.46	0.00	0.00	0.00	0.00	1.98	3.97
	B35HE007	1.37	0.49	0.00	0.00	0.00	0.00	1.55	3.41	1.69	0.50	0.00	0.00	0.00	0.00	2.18	4.37
	B35HE008	1.68	0.60	0.00	0.00	0.00	0.00	1.90	4.18	2.07	0.62	0.00	0.00	0.00	0.00	2.67	5.36
	B35HE009	1.75	0.63	0.00	0.00	0.00	0.00	1.98	4.36	2.15	0.64	0.00	0.00	0.00	0.00	2.78	5.57
	B35HE010	2.16	0.78	0.00	0.00	0.00	0.00	2.44	5.38	2.66	0.79	0.00	0.00	0.00	0.00	3.43	6.88
	B35HE011	2.33	0.84	0.00	0.00	0.00	0.00	2.64	5.81	2.87	0.86	0.00	0.00	0.00	0.00	3.71	7.44
	B35HE012	2.50	0.90	0.00	0.00	0.00	0.00	2.82	6.22	3.07	0.92	0.00	0.00	0.00	0.00	3.97	7.96
	B35HE013	2.84	1.02	0.00	0.00	0.00	0.00	3.21	7.07	3.49	1.04	0.00	0.00	0.00	0.00	4.51	9.04
	B35HE014	3.27	1.18	0.00	0.00	0.00	0.00	3.70	8.15	4.03	1.20	0.00	0.00	0.00	0.00	5.21	10.44
	B35HE015	3.56	1.28	0.00	0.00	0.00	0.00	4.02	8.86	4.38	1.31	0.00	0.00	0.00	0.00	5.66	11.35
	B35HE016	4.36	1.57	0.00	0.00	0.00	0.00	4.93	10.86	5.37	1.60	0.00	0.00	0.00	0.00	6.94	13.91
	B35HE017	5.01	1.80	0.00	0.00	0.00	0.00	5.67	12.48	6.17	1.84	0.00	0.00	0.00	0.00	7.97	15.98

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
B35																	
	B35SA001	1.18	0.43	0.00	0.00	0.00	0.00	1.34	2.95	1.46	0.43	0.00	0.00	0.00	0.00	1.88	3.77
	B35SA002	1.43	0.51	0.00	0.00	0.00	0.00	1.61	3.55	1.75	0.52	0.00	0.00	0.00	0.00	2.27	4.54
	B35SA003	1.78	0.64	0.00	0.00	0.00	0.00	2.01	4.43	2.19	0.65	0.00	0.00	0.00	0.00	2.83	5.67
	B35SA004	2.63	0.95	0.00	0.00	0.00	0.00	2.98	6.56	3.24	0.97	0.00	0.00	0.00	0.00	4.19	8.40
	B35SA005	3.21	1.15	0.00	0.00	0.00	0.00	3.62	7.98	3.95	1.18	0.00	0.00	0.00	0.00	5.10	10.23
	B35SA006	3.84	1.38	0.00	0.00	0.00	0.00	4.34	9.56	4.72	1.41	0.00	0.00	0.00	0.00	6.10	12.23
	B35SA007	4.22	1.52	0.00	0.00	0.00	0.00	4.77	10.51	5.19	1.55	0.00	0.00	0.00	0.00	6.71	13.45
	B35SA008	5.11	1.84	0.00	0.00	0.00	0.00	5.78	12.73	6.29	1.88	0.00	0.00	0.00	0.00	8.13	16.30
	B35SA009	6.06	2.18	0.00	0.00	0.00	0.00	6.85	15.09	7.45	2.22	0.00	0.00	0.00	0.00	9.63	19.30
	B35SA010	7.47	2.68	0.00	0.00	0.00	0.00	8.44	18.59	9.19	2.74	0.00	0.00	0.00	0.00	11.88	23.81
	B35HE018	0.48	0.19	0.00	0.00	0.00	0.00	0.54	1.21	0.62	0.20	0.00	0.00	0.00	0.00	0.80	1.62
	B35HE019	0.58	0.23	0.00	0.00	0.00	0.00	0.66	1.47	0.75	0.24	0.00	0.00	0.00	0.00	0.97	1.96
	B35HE020	0.73	0.29	0.00	0.00	0.00	0.00	0.83	1.85	0.94	0.30	0.00	0.00	0.00	0.00	1.21	2.45
	B35HE021	0.88	0.35	0.00	0.00	0.00	0.00	0.99	2.22	1.13	0.36	0.00	0.00	0.00	0.00	1.46	2.95
	B35HE022	1.01	0.40	0.00	0.00	0.00	0.00	1.14	2.55	1.30	0.41	0.00	0.00	0.00	0.00	1.68	3.39
	B35HE023	1.21	0.48	0.00	0.00	0.00	0.00	1.37	3.06	1.55	0.50	0.00	0.00	0.00	0.00	2.01	4.06
	B35HE024	1.33	0.53	0.00	0.00	0.00	0.00	1.51	3.37	1.72	0.55	0.00	0.00	0.00	0.00	2.22	4.49
	B35HE025	1.61	0.65	0.00	0.00	0.00	0.00	1.82	4.08	2.07	0.66	0.00	0.00	0.00	0.00	2.68	5.41
	B35HE026	1.72	0.69	0.00	0.00	0.00	0.00	1.94	4.35	2.21	0.70	0.00	0.00	0.00	0.00	2.86	5.77
	B35HE027	2.21	0.88	0.00	0.00	0.00	0.00	2.49	5.58	2.84	0.90	0.00	0.00	0.00	0.00	3.66	7.40
	B35HE028	2.28	0.91	0.00	0.00	0.00	0.00	2.58	5.77	2.93	0.93	0.00	0.00	0.00	0.00	3.79	7.65
	B35HE029	2.60	1.04	0.00	0.00	0.00	0.00	2.94	6.58	3.35	1.07	0.00	0.00	0.00	0.00	4.33	8.75
	B35HE030	2.87	1.15	0.00	0.00	0.00	0.00	3.24	7.26	3.69	1.18	0.00	0.00	0.00	0.00	4.76	9.63
	B35HE031	3.44	1.37	0.00	0.00	0.00	0.00	3.89	8.70	4.42	1.41	0.00	0.00	0.00	0.00	5.71	11.54
	B35HE032	3.66	1.46	0.00	0.00	0.00	0.00	4.14	9.26	4.71	1.50	0.00	0.00	0.00	0.00	6.09	12.30
	B35HE033	4.67	1.87	0.00	0.00	0.00	0.00	5.28	11.82	6.00	1.91	0.00	0.00	0.00	0.00	7.76	15.67
	B35HE034	5.40	2.16	0.00	0.00	0.00	0.00	6.11	13.67	6.94	2.21	0.00	0.00	0.00	0.00	8.98	18.13
	B35HE035	1.72	0.76	0.00	0.00	0.00	0.00	1.95	4.43	2.15	0.77	0.00	0.00	0.00	0.00	2.78	5.70
	B35HE036	1.79	0.79	0.00	0.00	0.00	0.00	2.03	4.61	2.24	0.81	0.00	0.00	0.00	0.00	2.90	5.95
	B35HE037	2.01	0.89	0.00	0.00	0.00	0.00	2.27	5.17	2.51	0.90	0.00	0.00	0.00	0.00	3.25	6.66
	B35HE038	2.69	1.19	0.00	0.00	0.00	0.00	3.04	6.92	3.36	1.21	0.00	0.00	0.00	0.00	4.35	8.92
	B35HE039	3.01	1.33	0.00	0.00	0.00	0.00	3.40	7.74	3.76	1.35	0.00	0.00	0.00	0.00	4.86	9.97
	B35HE040	3.11	1.37	0.00	0.00	0.00	0.00	3.51	7.99	3.88	1.39	0.00	0.00	0.00	0.00	5.02	10.29
	B35HE041	3.33	1.47	0.00	0.00	0.00	0.00	3.76	8.56	4.16	1.49	0.00	0.00	0.00	0.00	5.37	11.02
	B35HE042	4.42	1.95	0.00	0.00	0.00	0.00	4.99	11.36	5.52	1.98	0.00	0.00	0.00	0.00	7.14	14.64
	B35HE043	4.35	1.92	0.00	0.00	0.00	0.00	4.92	11.19	5.44	1.96	0.00	0.00	0.00	0.00	7.03	14.43
	B35HE044	5.55	2.44	0.00	0.00	0.00	0.00	6.27	14.26	6.93	2.49	0.00	0.00	0.00	0.00	8.96	18.38
	B35HE045	5.69	2.51	0.00	0.00	0.00	0.00	6.44	14.64	7.12	2.56	0.00	0.00	0.00	0.00	9.20	18.88
	B35HE046	6.77	2.99	0.00	0.00	0.00	0.00	7.66	17.42	8.47	3.04	0.00	0.00	0.00	0.00	10.94	22.45
	B35HE047	7.05	3.11	0.00	0.00	0.00	0.00	7.97	18.13	8.81	3.17	0.00	0.00	0.00	0.00	11.39	23.37
C05																	

TABLE 3-5. HOURLY RATE ELEMENT

		AVERAGE CONDITIONS								SEVERE CONDITIONS							
CAT	ID. NO.	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
C05																	
	C05HO001	0.16	0.03	0.40	0.63	0.00	0.00	0.62	1.84								
C10																	
	C10BO001	0.40	0.10	0.40	0.10	0.00	0.00	0.81	1.81								
	C10BO002	0.48	0.12	0.40	0.10	0.00	0.00	0.97	2.07								
	C10BO003	0.23	0.06	0.53	0.13	0.00	0.00	0.47	1.42								
	C10BO004	0.29	0.08	0.53	0.13	0.00	0.00	0.59	1.62								
	C10BO005	0.65	0.17	0.20	0.05	0.00	0.00	1.31	2.38								
	C10BO006	0.92	0.24	0.66	0.16	0.00	0.00	1.85	3.83								
	C10BO007	1.10	0.28	0.25	0.06	0.00	0.00	2.21	3.90								
	C10BO008	1.66	0.43	0.35	0.08	0.00	0.00	3.34	5.86								
	C10BO009	1.52	0.39	0.25	0.06	0.00	0.00	3.06	5.28								
	C10BO010	1.97	0.51	0.20	0.05	0.00	0.00	3.97	6.70								
	C10BO011	2.47	0.64	0.40	0.10	0.00	0.00	4.97	8.58								
	C10BO012	3.13	0.81	0.65	0.16	0.00	0.00	6.30	11.05								
	C10HO001	0.39	0.10	0.53	0.13	0.00	0.00	0.78	1.93								
	C10HO002	0.44	0.11	0.53	0.13	0.00	0.00	0.88	2.09								
	C10HO003	0.39	0.10	0.66	0.16	0.00	0.00	0.80	2.11								
	C10WC001	0.35	0.09	0.53	0.13	0.00	0.00	0.70	1.80								
	C10WC002	0.45	0.12	0.53	0.13	0.00	0.00	0.92	2.15								
	C10WC003	0.59	0.15	0.53	0.13	0.00	0.00	1.20	2.60								
	C10WC004	0.70	0.18	0.53	0.13	0.00	0.00	1.42	2.96								
	C10WC005	0.26	0.07	0.53	0.13	0.00	0.00	0.53	1.52								
	C10WC006	0.46	0.12	0.93	0.22	0.00	0.00	0.93	2.66								
	C10WC007	1.28	0.33	0.93	0.22	0.00	0.00	2.58	5.34								
	C10WC008	1.97	0.51	0.30	0.07	0.00	0.00	3.97	6.82								
	C10WC009	3.75	0.97	0.70	0.17	0.00	0.00	7.57	13.16								
	C10WC010	1.64	0.42	1.46	0.35	0.00	0.00	3.30	7.17								
	C10WC011	2.36	0.61	0.40	0.10	0.00	0.00	4.75	8.22								
	C10WC012	2.68	0.70	0.40	0.10	0.00	0.00	5.40	9.28								
	C10WC013	5.36	1.39	0.60	0.14	0.00	0.00	10.81	18.30								
C15																	
	C15BL001	0.95	0.29	0.00	0.50	0.00	0.00	1.44	3.18								
	C15BL002	1.84	0.56	0.00	0.70	0.00	0.00	2.79	5.89								
	C15BL003	3.75	1.14	0.00	1.50	0.00	0.00	5.67	12.06								
	C15BL004	5.28	1.61	0.00	1.75	0.00	0.00	7.99	16.63								
	C15BL005	6.83	2.08	0.00	2.00	0.00	0.00	10.32	21.23								
C20																	
	C20AE001	0.40	0.10	0.51	0.16	0.00	0.00	0.47	1.64								
	C20MU001	0.95	0.27	0.82	0.26	0.09	0.01	1.14	3.54								
	C20MU002	1.20	0.33	1.13	0.36	0.09	0.01	1.43	4.55								
C25																	

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
C25																	
	C25ST001	0.28	0.07	0.82	0.26	0.00	0.00	0.38	1.81								
	C25ST002	0.30	0.08	0.82	0.26	0.00	0.00	0.41	1.87								
	C25WC001	0.26	0.07	0.51	0.16	0.00	0.00	0.35	1.35								
	C25WC002	0.35	0.09	0.82	0.26	0.00	0.00	0.47	1.99								
C35																	
	C35AL001	2.06	0.67	1.34	0.43	0.09	0.01	2.93	7.53								
	C35AL002	2.42	0.81	2.23	0.71	0.18	0.03	3.46	9.84								
	C35AL003	1.21	0.40	0.00	0.19	0.09	0.01	1.72	3.62								
	C35AL004	2.59	0.83	0.00	0.31	0.05	0.01	3.67	7.46								
	C35AL005	2.93	0.94	0.76	0.21	0.04	0.01	4.15	9.04								
	C35AL006	3.27	1.04	0.76	0.21	0.04	0.01	4.63	9.96								
	C35AL007	1.58	0.50	0.00	0.25	0.00	0.00	2.23	4.56								
	C35AL008	1.70	0.54	0.00	0.30	0.00	0.00	2.41	4.95								
	C35AL009	1.88	0.59	0.00	0.40	0.00	0.00	2.66	5.53								
	C35AL010	4.55	1.45	1.68	0.47	0.04	0.01	6.44	14.64								
	C35AL011	5.19	1.65	2.81	0.79	0.04	0.01	7.34	17.83								
C40																	
	C40ST001	0.27	0.07	0.06	0.23	0.00	0.00	0.36	0.99								
	C40ST002	0.29	0.07	0.51	0.16	0.00	0.00	0.38	1.41								
	C40ST003	0.41	0.11	0.06	0.28	0.00	0.00	0.55	1.41								
	C40ST004	0.46	0.12	0.82	0.26	0.00	0.00	0.62	2.28								
	C40ST005	0.52	0.13	0.11	0.36	0.00	0.00	0.69	1.81								
	C40ST006	0.53	0.14	0.82	0.26	0.00	0.00	0.71	2.46								
C45																	
	C45CA001	13.63	6.56	5.96	1.67	0.00	0.00	22.33	50.15								
	C45CA002	21.95	10.57	8.74	2.45	0.00	0.00	35.96	79.67								
	C45CA003	37.35	17.98	10.50	2.94	0.00	0.00	61.18	129.95								
	C45CA004	44.23	21.29	16.80	4.70	0.00	0.00	72.46	159.48								
	C45GO001	2.97	1.44	5.02	1.61	0.05	0.01	4.87	15.97								
	C45GO002	5.15	2.48	5.02	1.61	0.00	0.00	8.44	22.70								
	C45GO003	10.70	5.15	4.49	1.26	0.00	0.00	17.54	39.14								
	C45GO004	14.36	6.91	7.77	2.18	0.00	0.00	23.52	54.74								
	C45GO005	19.25	9.27	11.13	3.12	0.00	0.00	31.54	74.31								
	C45GO006	30.55	14.70	9.83	2.75	0.00	0.00	50.05	107.88								
	C45GO007	35.75	17.21	9.83	2.75	0.00	0.00	58.58	124.12								
	C45GO008	44.81	21.57	19.07	5.34	0.00	0.00	73.41	164.20								
	C45GO009	50.92	24.51	19.07	5.34	0.00	0.00	83.42	183.26								
C55																	
	C55MO001	2.18	0.78	4.20	1.35	0.03	0.00	3.43	11.97								
	C55MO002	3.91	1.40	3.87	1.08	0.03	0.00	6.15	16.44								
	C55MO003	4.62	1.66	5.83	1.63	0.03	0.00	7.27	21.04								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
C55																	
	C55MO004	4.90	1.75	5.83	1.63	0.03	0.00	7.70	21.84								
	C55MO005	10.97	3.96	8.48	2.37	0.21	0.03	17.26	43.28								
	C55MO006	12.21	4.40	11.13	3.12	0.21	0.03	19.21	50.31								
	C55MO007	18.51	6.67	11.13	3.12	0.39	0.06	29.11	68.99								
	C55MO008	20.94	7.58	11.13	3.12	0.67	0.10	32.96	76.50								
	C55MO009	26.53	9.58	14.31	4.01	0.67	0.10	41.75	96.95								
	C55MO010	27.70	9.99	14.31	4.01	0.67	0.10	43.58	100.36								
	C55MO011	29.18	10.52	14.31	4.01	0.67	0.10	45.91	104.70								
	C55MO012	30.31	10.92	14.31	4.01	0.67	0.10	47.69	108.01								
	C55SC001	5.66	2.03	3.60	1.01	0.04	0.01	8.90	21.25								
	C55SC002	12.84	4.62	9.38	2.63	0.18	0.03	20.20	49.88								
	C55SC003	18.20	6.53	11.29	3.16	0.18	0.03	28.61	68.00								
	C55SC004	23.25	8.31	18.76	5.25	0.09	0.01	36.53	92.20								
	C55SC005	22.53	8.18	15.14	4.24	0.82	0.12	35.49	86.52								
	C55SC006	29.95	10.83	15.14	4.24	0.85	0.13	47.15	108.29								
	C55SC007	35.78	12.96	16.58	4.64	1.15	0.17	56.34	127.62								
	C55SC008	44.70	16.14	16.58	4.64	1.19	0.18	70.34	153.77								
	C55SC009	57.49	20.70	25.23	7.06	1.19	0.18	90.43	202.28								
C60																	
	C60FE001	0.12	0.04	0.13	0.04	0.00	0.00	0.21	0.54								
	C60FE002	0.15	0.05	0.27	0.09	0.00	0.00	0.25	0.81								
	C60FE003	0.38	0.11	1.46	0.47	0.00	0.00	0.63	3.05								
	C60FE004	0.78	0.24	2.66	0.85	0.00	0.00	1.31	5.84								
	C60FE005	0.79	0.24	2.66	0.85	0.00	0.00	1.33	5.87								
	C60HO001	0.22	0.07	1.06	0.34	0.00	0.00	0.37	2.06								
	C60HO002	0.28	0.08	1.86	0.60	0.00	0.00	0.46	3.28								
	C60LY001	1.47	0.45	1.33	0.43	0.00	0.00	2.47	6.15								
	C60LY002	1.63	0.50	4.65	1.49	0.00	0.00	2.74	11.01								
	C60LY003	0.18	0.06	1.06	0.34	0.00	0.00	0.31	1.95								
	C60LY004	0.23	0.07	1.46	0.47	0.00	0.00	0.39	2.62								
	C60LY005	0.23	0.07	1.46	0.47	0.00	0.00	0.39	2.62								
	C60LY006	0.25	0.08	0.36	0.16	0.00	0.00	0.42	1.27								
	C60LY007	0.86	0.26	2.39	0.77	0.00	0.00	1.45	5.73								
	C60LY008	1.06	0.32	4.65	1.49	0.00	0.00	1.78	9.30								
	C60LY009	1.99	0.61	8.64	2.77	0.00	0.00	3.34	17.35								
C65																	
	C65MS001	0.19	0.04	0.00	0.06	0.00	0.00	0.80	1.09								
	C65MS002	0.24	0.05	0.00	0.08	0.00	0.00	1.02	1.39								
	C65MS003	0.27	0.06	0.00	0.10	0.00	0.00	1.13	1.56								
	C65MS004	0.30	0.06	0.00	0.13	0.00	0.00	1.26	1.75								
	C65MS005	0.46	0.10	0.00	0.15	0.00	0.00	1.94	2.65								

TABLE 3-5. HOURLY RATE ELEMENT

		AVERAGE CONDITIONS								SEVERE CONDITIONS							
CAT	ID. NO.	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
C65																	
	C65WC001	0.27	0.06	0.05	0.15	0.00	0.00	1.17	1.70								
	C65WC002	0.29	0.06	0.10	0.19	0.00	0.00	1.23	1.87								
C75																	
	C75BA001	16.90	10.64	8.27	2.48	2.32	0.35	22.19	63.15								
	C75BA002	19.15	12.20	8.27	2.48	3.44	0.52	25.18	71.24								
	C75BD001	3.77	2.32	7.14	2.28	0.22	0.03	4.93	20.69								
	C75BD002	4.62	2.85	10.82	3.46	0.32	0.05	6.04	28.16								
	C75BD003	5.91	3.69	10.82	3.46	0.65	0.10	7.74	32.37								
	C75GV001	9.91	6.23	4.41	1.32	1.32	0.20	13.01	36.40								
	C75GV002	9.91	6.23	4.41	1.32	1.32	0.20	13.01	36.40								
	C75GV003	9.91	6.23	4.41	1.32	1.32	0.20	13.01	36.40								
	C75GV004	9.94	6.18	5.25	1.58	0.93	0.14	13.02	37.04								
	C75GV005	9.94	6.18	5.25	1.58	0.93	0.14	13.02	37.04								
	C75GV006	9.94	6.18	5.25	1.58	0.93	0.14	13.02	37.04								
	C75GV007	10.50	6.52	5.25	1.58	0.93	0.14	13.75	38.67								
	C75GV008	11.77	7.53	5.25	1.58	2.32	0.35	15.49	44.29								
	C75GV009	11.77	7.53	5.25	1.58	2.32	0.35	15.49	44.29								
	C75GV010	11.77	7.53	5.25	1.58	2.32	0.35	15.49	44.29								
	C75GV011	13.95	8.85	5.25	1.58	2.32	0.35	18.33	50.63								
	C75GV012	19.42	12.23	7.43	2.23	1.93	0.29	25.49	69.02								
	C75GV013	20.71	12.95	8.32	2.49	2.32	0.35	27.15	74.29								
	C75GV014	23.37	14.95	8.32	2.49	4.53	0.68	30.76	85.10								
	C75GV015	28.59	18.17	9.66	2.90	4.88	0.73	37.59	102.52								
	C75GV016	36.15	23.98	11.76	3.53	8.44	1.27	47.89	133.02								
	C75GV017	73.36	46.71	21.50	6.45	13.06	1.96	96.47	259.51								
	C75LO001	8.59	5.49	5.25	1.58	1.65	0.25	11.30	34.11								
	C75LO002	9.63	6.12	5.25	1.58	1.65	0.25	12.67	37.15								
	C75LO003	10.10	6.40	5.25	1.58	1.65	0.25	13.27	38.50								
	C75LO004	10.55	6.68	5.25	1.58	1.65	0.25	13.86	39.82								
	C75LO005	11.28	7.12	5.25	1.58	1.65	0.25	14.81	41.94								
	C75LO006	11.64	7.34	5.25	1.58	1.65	0.25	15.28	42.99								
	C75LO007	13.55	8.58	7.56	2.27	2.16	0.32	17.80	52.24								
	C75PH001	10.91	6.84	5.46	1.64	1.32	0.20	14.31	40.68								
	C75PH002	11.19	7.01	5.46	1.64	1.32	0.20	14.68	41.50								
	C75PH003	11.85	7.40	5.46	1.64	1.32	0.20	15.53	43.40								
	C75PH004	11.91	7.44	5.46	1.64	1.32	0.20	15.61	43.58								
	C75PH005	12.28	7.68	5.46	1.64	1.41	0.21	16.10	44.78								
	C75PH006	14.51	9.07	6.51	1.95	1.65	0.25	19.02	52.96								
	C75PH007	15.00	9.37	6.51	1.95	1.65	0.25	19.67	54.40								
	C75PH008	20.16	12.61	8.48	2.55	2.32	0.35	26.43	72.90								
	C75PH009	20.45	13.05	8.48	2.55	3.78	0.57	26.90	75.78								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
C75																	
	C75PH010	21.23	13.52	8.48	2.55	3.78	0.57	27.91	78.04								
	C75PH011	27.11	17.27	9.87	2.96	4.88	0.73	35.65	98.47								
	C75TD001	11.76	7.40	6.43	1.93	1.57	0.24	15.43	44.76								
	C75TD002	13.03	8.16	6.43	1.93	1.57	0.24	17.08	48.44								
	C75TD003	15.48	9.66	7.98	2.39	1.65	0.25	20.29	57.70								
	C75TD004	23.93	14.90	7.98	2.39	2.32	0.35	31.35	83.22								
	C75TD005	26.08	16.59	7.98	2.39	4.53	0.68	34.30	92.55								
C80																	
	C80GV001	13.51	8.31	6.30	2.27	0.64	0.10	13.25	44.38	15.76	8.38	8.23	2.96	0.79	0.12	16.75	52.99
	C80LI001	14.97	9.22	7.20	2.59	0.76	0.11	14.69	49.54	17.46	9.29	9.40	3.38	0.94	0.14	18.56	59.17
	C80LI002	14.40	8.87	7.38	2.66	0.74	0.11	14.13	48.29	16.80	8.94	9.64	3.47	0.91	0.14	17.86	57.76
	C80PH001	14.67	9.03	7.56	2.72	0.72	0.11	14.40	49.21	17.12	9.10	9.87	3.55	0.89	0.13	18.20	58.86
	C80GV002	12.17	8.48	6.30	1.64	0.64	0.10	13.93	43.26	13.91	8.55	8.23	2.14	0.79	0.12	17.05	50.79
	C80GV003	12.99	9.05	6.30	1.64	0.70	0.11	14.87	45.66	14.84	9.13	8.23	2.14	0.86	0.13	18.19	53.52
	C80GV004	14.18	9.88	5.87	1.53	0.72	0.11	16.23	48.52	16.21	9.96	7.66	1.99	0.89	0.13	19.86	56.70
	C80GV005	17.25	12.07	7.38	1.92	1.12	0.17	19.76	59.67	19.71	12.17	9.64	2.51	1.37	0.21	24.17	69.78
	C80GV006	19.92	13.90	7.38	1.92	1.12	0.17	22.81	67.22	22.76	14.01	9.64	2.51	1.37	0.21	27.90	78.40
	C80GV007	23.16	16.13	9.04	2.35	1.17	0.18	26.50	78.53	26.46	16.26	11.80	3.07	1.42	0.21	32.43	91.65
	C80LI003	14.05	9.80	7.56	1.97	0.76	0.11	16.09	50.34	16.06	9.88	9.87	2.57	0.94	0.14	19.68	59.14
	C80LI004	14.76	10.28	7.56	1.97	0.76	0.11	16.90	52.34	16.87	10.37	9.87	2.57	0.94	0.14	20.67	61.43
	C80LI005	17.40	12.17	8.64	2.25	1.12	0.17	19.93	61.68	19.88	12.27	11.28	2.93	1.37	0.21	24.38	72.32
	C80LI006	19.19	13.41	8.64	2.25	1.17	0.18	21.97	66.81	21.93	13.52	11.28	2.93	1.42	0.21	26.88	78.17
	C80LI007	20.01	13.99	8.64	2.25	1.23	0.18	22.92	69.22	22.87	14.10	11.28	2.93	1.50	0.23	28.04	80.95
	C80PH002	13.77	9.54	7.56	1.97	0.47	0.07	15.74	49.12	15.73	9.62	9.87	2.57	0.57	0.09	19.26	57.71
	C80PH003	14.15	9.81	7.56	1.97	0.47	0.07	16.18	50.21	16.17	9.89	9.87	2.57	0.57	0.09	19.79	58.95
	C80PH004	18.19	12.71	8.10	2.11	1.12	0.17	20.83	63.23	20.79	12.82	10.58	2.75	1.37	0.21	25.49	74.01
	C80PH005	19.31	13.49	8.10	2.11	1.12	0.17	22.12	66.42	22.07	13.60	10.58	2.75	1.37	0.21	27.06	77.64
	C80PH006	20.00	13.96	8.10	2.11	1.12	0.17	22.90	68.36	22.86	14.07	10.58	2.75	1.37	0.21	28.01	79.85
	C80PH007	23.06	16.06	12.06	3.14	1.12	0.17	26.40	82.01	26.36	16.19	15.75	4.09	1.37	0.21	32.29	96.26
	C80GV008	22.19	17.58	9.04	2.35	2.53	0.38	29.08	83.15	24.96	17.67	11.80	3.07	3.07	0.46	34.76	95.79
	C80GV009	26.02	20.46	9.73	2.53	2.27	0.34	34.06	95.41	29.27	20.56	12.35	3.21	2.78	0.42	40.72	109.31
	C80GV010	26.29	20.76	9.68	2.52	2.76	0.41	34.44	96.86	29.58	20.86	12.29	3.20	3.41	0.51	41.17	111.02
	C80GV011	36.22	31.60	8.60	2.24	4.14	0.62	53.38	136.80	40.24	31.76	10.85	2.82	5.11	0.77	62.61	154.16
	C80GV012	44.07	38.27	9.06	2.36	4.14	0.62	64.89	163.41	48.96	38.45	11.38	2.96	5.11	0.77	76.11	183.74
C85																	
	C85NO001	22.56	11.80	5.32	1.70	0.00	0.00	29.42	70.80	27.08	11.95	6.84	2.19	0.00	0.00	39.72	87.78
	C85PH001	12.78	6.68	2.60	0.83	0.00	0.00	16.66	39.55	15.33	6.77	3.35	1.07	0.00	0.00	22.49	49.01
	C85AM001	14.71	8.90	2.60	0.89	0.00	0.00	20.38	47.48	17.16	8.97	3.35	1.14	0.00	0.00	26.58	57.20
	C85AM002	20.26	12.26	3.50	1.19	0.00	0.00	28.07	65.28	23.64	12.36	4.50	1.53	0.00	0.00	36.61	78.64
	C85NO002	19.57	11.84	5.32	1.81	0.00	0.00	27.10	65.64	22.83	11.94	6.84	2.33	0.00	0.00	35.35	79.29
	C85NO003	23.02	13.93	6.66	2.27	0.00	0.00	31.89	77.77	26.85	14.04	8.57	2.91	0.00	0.00	41.58	93.95

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
C85																	
	C85NO004	32.39	19.60	6.66	2.27	0.00	0.00	44.88	105.80	37.79	19.76	8.57	2.91	0.00	0.00	58.53	127.56
	C85PH002	24.06	14.56	3.64	1.24	0.00	0.00	33.33	76.83	28.07	14.68	4.68	1.59	0.00	0.00	43.47	92.49
	C85AM003	41.73	28.63	7.81	1.72	0.00	0.00	64.62	144.51	47.69	28.86	10.04	2.21	0.00	0.00	81.64	170.44
	C85MA001	31.75	21.78	8.04	1.77	0.00	0.00	49.17	112.51	36.29	21.96	10.33	2.27	0.00	0.00	62.12	132.97
	C85MA002	53.39	36.63	10.08	2.22	0.00	0.00	82.68	185.00	61.02	36.92	12.96	2.85	0.00	0.00	104.46	218.21
	C85NO005	33.35	22.87	6.66	1.47	0.00	0.00	51.64	115.99	38.11	23.06	8.57	1.88	0.00	0.00	65.24	136.86
	C85NO006	31.65	21.71	8.51	1.87	0.00	0.00	49.02	112.76	36.18	21.89	10.94	2.41	0.00	0.00	61.93	133.35
	C85PH003	34.05	23.36	5.26	1.16	0.00	0.00	52.74	116.57	38.92	23.55	6.77	1.49	0.00	0.00	66.63	137.36
	C85PH004	34.51	23.67	7.28	1.60	0.00	0.00	53.44	120.50	39.44	23.86	9.36	2.06	0.00	0.00	67.51	142.23
	C85PH005	45.56	31.25	7.28	1.60	0.00	0.00	70.55	156.24	52.07	31.51	9.36	2.06	0.00	0.00	89.13	184.13
	C85AM004	99.59	76.48	25.20	6.05	0.00	0.00	170.49	377.81	112.04	76.86	32.40	7.78	0.00	0.00	210.09	439.17
	C85AM005	99.96	76.76	25.20	6.05	0.00	0.00	171.12	379.09	112.45	77.14	32.40	7.78	0.00	0.00	210.86	440.63
	C85MA003	74.24	57.01	19.18	4.60	0.00	0.00	127.09	282.12	83.52	57.29	24.66	5.92	0.00	0.00	156.61	328.00
	C85NO007	37.89	29.10	12.77	3.06	0.00	0.00	64.86	147.68	42.62	29.24	16.42	3.94	0.00	0.00	79.92	172.14
	C85PH006	11.93	6.72	2.05	0.65	0.00	0.00	12.64	33.99	14.10	6.80	2.70	0.86	0.00	0.00	16.09	40.55
	C85AM006	14.18	9.15	2.05	0.41	0.00	0.00	17.33	43.12	16.36	9.22	2.70	0.54	0.00	0.00	21.33	50.15
	C85AM007	19.50	12.58	2.75	0.55	0.00	0.00	23.84	59.22	22.50	12.69	3.63	0.73	0.00	0.00	29.34	68.89
	C85LB001	13.14	8.47	2.20	0.44	0.00	0.00	16.05	40.30	15.16	8.54	2.90	0.58	0.00	0.00	19.76	46.94
	C85LB002	16.25	10.49	2.64	0.53	0.00	0.00	19.86	49.77	18.75	10.57	3.48	0.70	0.00	0.00	24.45	57.95
	C85LB003	16.96	10.95	2.64	0.53	0.00	0.00	20.73	51.81	19.57	11.03	3.48	0.70	0.00	0.00	25.52	60.30
	C85LB004	20.20	13.03	2.64	0.53	0.00	0.00	24.68	61.08	23.30	13.14	3.48	0.70	0.00	0.00	30.38	71.00
	C85NO008	16.53	10.67	4.18	0.84	0.00	0.00	20.21	52.43	19.08	10.75	5.51	1.10	0.00	0.00	24.87	61.31
	C85NO009	16.67	10.75	4.18	0.84	0.00	0.00	20.37	52.81	19.23	10.84	5.51	1.10	0.00	0.00	25.07	61.75
	C85NO010	21.38	13.79	5.24	1.05	0.00	0.00	26.13	67.59	24.67	13.91	6.90	1.38	0.00	0.00	32.16	79.02
	C85AM008	18.77	14.41	2.75	0.61	0.00	0.00	26.00	62.54	21.12	14.49	3.63	0.80	0.00	0.00	30.98	71.02
	C85AM009	21.37	16.41	2.75	0.61	0.00	0.00	29.61	70.75	24.04	16.49	3.63	0.80	0.00	0.00	35.27	80.23
	C85AM010	27.58	21.18	4.69	1.03	0.00	0.00	38.21	92.69	31.03	21.28	6.18	1.36	0.00	0.00	45.52	105.37
	C85AM011	39.24	30.13	6.14	1.35	0.00	0.00	54.36	131.22	44.14	30.28	8.09	1.78	0.00	0.00	64.76	149.05
	C85LB005	22.91	17.59	4.29	0.94	0.00	0.00	31.74	77.47	25.77	17.68	5.66	1.24	0.00	0.00	37.81	88.16
	C85LB006	27.05	20.77	5.50	1.21	0.00	0.00	37.47	92.00	30.43	20.87	7.25	1.60	0.00	0.00	44.64	104.79
	C85LB007	33.98	26.10	5.43	1.20	0.00	0.00	47.08	113.79	38.23	26.23	7.16	1.58	0.00	0.00	56.08	129.28
	C85MA004	30.97	23.78	6.31	1.39	0.00	0.00	42.90	105.35	34.84	23.90	8.32	1.83	0.00	0.00	51.11	120.00
	C85MA005	36.60	28.11	6.60	1.45	0.00	0.00	50.70	123.46	41.17	28.24	8.70	1.91	0.00	0.00	60.40	140.42
	C85NO011	24.80	19.05	5.24	1.15	0.00	0.00	34.36	84.60	27.91	19.14	6.90	1.52	0.00	0.00	40.94	96.41
	C85NO012	30.45	23.38	5.24	1.15	0.00	0.00	42.18	102.40	34.26	23.50	6.90	1.52	0.00	0.00	50.25	116.43
	C85NO013	27.75	21.31	6.69	1.47	0.00	0.00	38.44	95.66	31.22	21.42	8.82	1.94	0.00	0.00	45.80	109.20
	C85NO014	39.18	30.09	10.03	2.21	0.00	0.00	54.27	135.78	44.07	30.23	13.22	2.91	0.00	0.00	64.66	155.09
	C85PH007	20.19	15.51	2.86	0.63	0.00	0.00	27.97	67.16	22.72	15.58	3.77	0.83	0.00	0.00	33.32	76.22
	C85PH008	33.34	25.60	4.14	0.91	0.00	0.00	46.18	110.17	37.50	25.73	5.45	1.20	0.00	0.00	55.02	124.90
	C85PH009	33.25	25.53	5.72	1.26	0.00	0.00	46.06	111.82	37.40	25.66	7.54	1.66	0.00	0.00	54.87	127.13
	C85AM012	43.25	36.72	6.53	1.57	0.00	0.00	66.97	155.04	48.05	36.90	8.61	2.07	0.00	0.00	78.34	173.97

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
C85																	
	C85AM013	49.77	42.26	6.53	1.57	0.00	0.00	77.08	177.21	55.30	42.47	8.61	2.07	0.00	0.00	90.16	198.61
	C85AM014	74.31	63.09	11.42	2.74	0.00	0.00	115.07	266.63	82.56	63.40	15.05	3.61	0.00	0.00	134.60	299.22
	C85AM015	100.75	85.54	11.42	2.74	0.00	0.00	156.02	356.47	111.94	85.97	15.05	3.61	0.00	0.00	182.50	399.07
	C85LB008	113.05	95.99	13.20	3.17	0.00	0.00	175.07	400.48	125.61	96.46	17.40	4.18	0.00	0.00	204.77	448.42
	C85LB009	135.12	114.73	13.20	3.17	0.00	0.00	209.25	475.47	150.13	115.30	17.40	4.18	0.00	0.00	244.76	531.77
	C85MA006	45.83	38.91	7.92	1.90	0.00	0.00	70.98	165.54	50.92	39.11	10.44	2.51	0.00	0.00	83.02	186.00
	C85MA007	67.53	57.34	15.07	3.62	0.00	0.00	104.58	248.14	75.04	57.62	19.87	4.77	0.00	0.00	122.33	279.63
	C85PH010	40.46	34.36	5.72	1.37	0.00	0.00	62.66	144.57	44.96	34.53	7.54	1.81	0.00	0.00	73.29	162.13
	C85PH011	53.03	45.03	7.22	1.73	0.00	0.00	82.13	189.14	58.93	45.25	9.51	2.28	0.00	0.00	96.06	212.03
C90																	
	C90LI001	19.89	13.89	4.70	1.22	1.20	0.18	22.77	63.85	22.73	14.01	5.90	1.53	1.49	0.22	27.86	73.74
	C90LI002	22.63	15.98	6.55	1.70	2.18	0.33	25.96	75.33	25.86	16.11	8.20	2.13	2.69	0.40	31.76	87.15
	C90AM001	24.45	19.23	6.55	1.70	2.18	0.33	32.01	86.45	27.51	19.32	8.28	2.15	2.69	0.40	38.26	98.61
	C90AM002	33.69	26.36	14.57	3.79	2.38	0.36	44.06	125.21	37.90	26.49	18.65	4.85	2.93	0.44	52.67	143.93
	C90LI003	32.17	25.28	8.53	2.22	2.76	0.41	42.11	113.48	36.20	25.40	10.78	2.80	3.41	0.51	50.34	129.44
	C90AM003	44.14	37.87	12.50	3.25	1.89	0.28	64.87	164.80	49.05	38.06	15.93	4.14	2.34	0.35	76.09	185.96
	C90AM004	59.05	51.44	13.32	3.46	6.32	0.95	87.00	221.54	65.61	51.69	16.88	4.39	7.81	1.17	102.05	249.60
	C90LI004	33.57	29.07	8.53	2.22	2.76	0.41	49.41	125.97	37.30	29.21	10.78	2.80	3.41	0.51	57.96	141.97
	C90LI005	51.47	44.55	14.89	3.87	4.14	0.62	75.75	195.29	57.19	44.77	18.95	4.93	5.12	0.77	88.85	220.58
	C90PH001	38.61	33.35	10.42	2.71	2.76	0.41	56.80	145.06	42.90	33.51	13.20	3.43	3.41	0.51	66.63	163.59
	C90PH002	83.55	71.87	16.78	4.36	4.54	0.68	122.84	304.62	92.83	72.23	21.39	5.56	5.61	0.84	144.08	342.54
C95																	
	C95AP001	15.15	13.01	5.72	8.16	0.00	0.00	22.51	64.55								
	C95AP002	0.69	0.59	0.00	0.00	0.00	0.00	1.02	2.30								
	C95AP003	2.50	2.15	0.00	0.00	0.00	0.00	3.71	8.36								
	C95AP004	22.71	19.49	8.32	9.46	0.00	0.00	33.72	93.70								
	C95AP005	0.81	0.69	0.00	0.00	0.00	0.00	1.20	2.70								
	C95AP006	2.96	2.54	0.00	0.00	0.00	0.00	4.40	9.90								
	C95AP007	30.06	25.80	9.00	9.80	0.00	0.00	44.65	119.31								
	C95AP008	1.11	0.95	0.00	0.00	0.00	0.00	1.65	3.71								
	C95AP009	3.36	2.88	0.00	0.00	0.00	0.00	4.98	11.22								
	C95AP010	40.04	34.37	13.16	11.88	0.00	0.00	59.46	158.91								
	C95AP011	1.19	1.02	0.00	0.00	0.00	0.00	1.77	3.98								
	C95AP012	6.29	5.40	0.00	0.00	0.00	0.00	9.34	21.03								
	C95AP013	39.65	34.04	11.49	11.05	0.00	0.00	58.89	155.12								
	C95AP014	1.11	0.95	0.00	0.00	0.00	0.00	1.65	3.71								
	C95AP015	6.55	5.62	0.00	0.00	0.00	0.00	9.73	21.90								
D10																	
	D10GD001	7.58	3.67	0.00	0.79	0.00	0.00	12.66	24.70								
	D10GD002	7.72	3.74	0.00	0.79	0.00	0.00	12.90	25.15								
	D10GD003	7.96	3.86	0.00	0.79	0.00	0.00	13.30	25.91								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
D10																	
	D10GD004	8.27	4.01	0.00	0.84	0.00	0.00	13.83	26.95								
	D10GD005	8.43	4.09	0.00	0.84	0.00	0.00	14.09	27.45								
	D10GD006	8.66	4.20	0.00	0.84	0.00	0.00	14.48	28.18								
	D10GD007	14.60	7.08	6.84	1.92	0.00	0.00	24.40	54.84								
	D10GD008	20.70	10.03	10.04	2.81	0.00	0.00	34.60	78.18								
	D10IN001	14.27	6.92	9.68	2.71	0.00	0.00	23.86	57.44								
	D10IN002	8.95	4.34	0.00	0.84	0.00	0.00	14.95	29.08								
	D10IN003	7.92	3.84	0.00	0.79	0.00	0.00	13.23	25.78								
	D10SU001	3.12	1.51	0.00	0.49	0.00	0.00	5.22	10.34								
	D10SU002	8.95	4.34	0.00	0.80	0.00	0.00	14.95	29.04								
	D10SU003	9.48	4.59	0.00	0.80	0.00	0.00	15.84	30.71								
	D10SU004	12.69	6.15	0.00	0.90	0.00	0.00	21.21	40.95								
D15																	
	D15BI001	0.71	0.34	1.19	0.38	0.00	0.00	1.06	3.68								
	D15BI002	1.09	0.53	1.90	0.61	0.00	0.00	1.63	5.76								
	D15BI003	1.33	0.64	1.40	0.39	0.00	0.00	1.99	5.75								
	D15BI004	2.65	1.28	2.03	0.57	0.00	0.00	3.98	10.51								
	D15BI005	3.51	1.70	2.93	0.82	0.00	0.00	5.28	14.24								
	D15BI006	5.57	2.70	4.05	1.13	0.00	0.00	8.37	21.82								
	D15BI007	7.33	3.55	4.95	1.39	0.00	0.00	11.02	28.24								
D20																	
	D20AD001	0.24	0.09	0.06	0.23	0.00	0.00	0.34	0.96								
	D20AD002	0.30	0.12	0.13	0.31	0.00	0.00	0.42	1.28								
	D20AD003	0.48	0.19	0.19	0.39	0.00	0.00	0.68	1.93								
	D20AD004	1.09	0.43	0.70	1.31	0.00	0.00	1.55	5.08								
	D20LY001	0.46	0.18	0.19	0.59	0.00	0.00	0.65	2.07								
	D20LY002	0.49	0.19	0.00	0.60	0.00	0.00	0.70	1.98								
D25																	
	D25AD001	2.38	1.15	0.90	0.22	0.00	0.00	3.97	8.62								
	D25AD002	3.22	1.56	2.16	0.52	0.00	0.00	5.38	12.84								
	D25AD003	4.35	2.11	2.34	0.56	0.00	0.00	7.26	16.62								
	D25SP001	1.52	0.74	3.56	0.57	0.00	0.00	2.54	8.93								
	D25SP002	1.64	0.80	2.73	0.44	0.00	0.00	2.75	8.36								
	D25SP003	2.46	1.19	4.75	0.76	0.00	0.00	4.12	13.28								
	D25SP004	2.73	1.32	5.46	0.87	0.00	0.00	4.56	14.94								
	D25SP005	3.53	1.71	10.80	1.73	0.00	0.00	5.89	23.66								
	D25SP006	2.09	1.02	1.58	0.38	0.04	0.01	3.50	8.62								
	D25SP007	2.62	1.28	2.12	0.51	0.04	0.01	4.38	10.96								
D30																	
	D30HD001	5.77	2.79	9.45	4.65	0.00	0.00	9.64	32.30								
	D30HD002	9.98	4.84	12.15	6.40	0.00	0.00	16.68	50.05								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
D30																	
	D30HD003	11.54	5.59	15.08	8.22	0.00	0.00	19.28	59.71								
	D30MR001	0.46	0.22	0.83	0.27	0.00	0.00	0.77	2.55								
	D30MR002	1.28	0.62	2.85	0.91	0.00	0.00	2.13	7.79								
	D30MR003	2.18	1.08	11.28	3.61	0.10	0.02	3.66	21.93								
	D30MR004	2.67	1.32	4.73	1.32	0.10	0.02	4.48	14.64								
	D30MR005	4.75	2.37	19.47	6.23	0.39	0.06	8.00	41.27								
	D30MR006	5.25	2.61	17.29	5.53	0.39	0.06	8.82	39.95								
	D30MR007	8.96	4.41	18.26	5.84	0.39	0.06	15.02	52.94								
D35																	
	D35GD001	12.39	8.24	5.90	2.24	0.00	0.00	20.70	49.47								
	D35GD002	12.93	8.60	11.25	4.28	0.00	0.00	21.61	58.67								
	D35GD003	16.44	10.93	11.25	4.28	0.00	0.00	27.48	70.38								
	D35GD004	20.40	13.57	14.63	5.56	0.00	0.00	34.10	88.26								
	D35IN001	20.89	13.89	20.25	7.70	0.00	0.00	34.91	97.64								
	D35IN002	28.15	18.92	25.81	9.81	1.54	0.23	47.16	131.62								
	D35IN003	21.68	14.58	21.38	8.12	1.23	0.18	36.32	103.49								
	D35RO001	19.10	12.88	18.00	6.84	1.36	0.20	32.02	90.40								
	D35RO002	28.47	19.26	17.59	6.68	2.48	0.37	47.76	122.61								
	D35RO003	23.73	15.78	16.65	6.33	0.00	0.00	39.66	102.15								
	D35RO004	26.56	17.66	16.65	6.33	0.00	0.00	44.39	111.59								
	D35RO005	22.29	14.82	18.00	6.84	0.00	0.00	37.25	99.20								
	D35RO006	30.35	25.67	23.63	7.56	0.00	0.00	50.73	137.94								
F10																	
	F10CA001	1.85	0.92	0.94	0.42	0.08	0.01	2.34	6.56								
	F10CA002	1.88	0.94	0.94	0.42	0.11	0.02	2.38	6.69								
	F10CA003	2.05	1.02	1.66	0.75	0.12	0.02	2.60	8.22								
	F10CA004	2.33	1.16	1.66	0.75	0.12	0.02	2.95	8.99								
	F10CA005	2.74	1.36	2.44	1.10	0.12	0.02	3.47	11.25								
	F10CA006	3.33	1.66	2.76	1.24	0.17	0.03	4.22	13.41								
	F10CA007	3.51	1.74	2.76	1.24	0.15	0.02	4.43	13.85								
	F10CA008	3.70	1.82	2.76	1.24	0.11	0.02	4.67	14.32								
	F10CA009	1.76	0.86	3.54	0.85	0.04	0.01	2.22	9.28								
	F10CA010	1.99	1.00	4.60	1.10	0.15	0.02	2.52	11.38								
	F10CA011	2.07	1.07	4.60	1.10	0.28	0.04	2.64	11.80								
	F10CA012	3.08	1.54	6.04	1.45	0.18	0.03	3.90	16.22								
	F10CA013	3.12	1.56	6.04	1.45	0.18	0.03	3.95	16.33								
	F10CA014	3.25	1.62	6.04	1.45	0.18	0.03	4.11	16.68								
	F10CA015	4.61	2.30	2.38	0.57	0.29	0.04	5.84	16.03								
	F10CA016	4.98	2.48	2.52	0.60	0.29	0.04	6.31	17.22								
	F10CA017	6.37	3.24	4.50	1.08	0.65	0.10	8.10	24.04								
	F10CA018	6.98	3.54	4.50	1.08	0.65	0.10	8.88	25.73								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
F10																	
	F10CA019	7.51	3.79	4.50	1.08	0.63	0.09	9.53	27.13								
	F10CA020	7.74	3.94	4.50	1.08	0.81	0.12	9.85	28.04								
	F10CA021	3.02	1.53	2.45	0.59	0.29	0.04	3.84	11.76								
	F10CA022	3.09	1.57	2.45	0.59	0.29	0.04	3.93	11.96								
	F10CA023	3.71	1.87	2.45	0.59	0.29	0.04	4.71	13.66								
	F10CA024	3.75	1.94	2.45	0.59	0.53	0.08	4.78	14.12								
	F10HY001	1.65	0.84	4.41	1.06	0.18	0.03	2.10	10.27								
	F10HY002	2.29	1.15	6.04	1.45	0.19	0.03	2.91	14.06								
	F10HY003	3.76	1.88	9.01	2.16	0.23	0.03	4.77	21.84								
	F10HY004	4.67	2.36	9.01	2.16	0.39	0.06	5.93	24.58								
	F10HY005	5.94	3.03	4.57	1.10	0.66	0.10	7.56	22.96								
	F10HY006	6.86	3.51	4.57	1.10	0.78	0.12	8.74	25.68								
	F10HY007	7.13	3.59	4.57	1.10	0.58	0.09	9.05	26.11								
	F10HY008	14.00	7.08	6.98	1.68	1.27	0.19	17.78	48.98								
G10																	
	G10HO001	0.09	0.03	0.48	0.11	0.00	0.00	0.09	0.80	0.11	0.03	0.63	0.15	0.00	0.00	0.12	1.04
	G10HO002	0.12	0.04	0.67	0.16	0.00	0.00	0.12	1.11	0.14	0.04	0.88	0.21	0.00	0.00	0.15	1.42
	G10HO003	0.11	0.04	0.57	0.00	0.00	0.00	0.10	0.82	0.13	0.04	0.75	0.00	0.00	0.00	0.14	1.06
	G10HO004	0.24	0.08	1.05	0.25	0.00	0.00	0.22	1.84	0.27	0.09	1.38	0.33	0.00	0.00	0.29	2.36
	G10KH001	0.09	0.03	0.48	0.11	0.00	0.00	0.09	0.80	0.11	0.03	0.63	0.15	0.00	0.00	0.11	1.03
	G10KH002	0.11	0.04	0.77	0.18	0.00	0.00	0.10	1.20	0.13	0.04	1.01	0.24	0.00	0.00	0.14	1.56
	G10KH003	0.14	0.05	1.05	0.25	0.00	0.00	0.13	1.62	0.16	0.05	1.38	0.33	0.00	0.00	0.18	2.10
	G10ON001	0.31	0.11	0.48	0.11	0.00	0.00	0.29	1.30	0.35	0.11	0.63	0.15	0.00	0.00	0.38	1.62
	G10ON002	0.40	0.14	0.96	0.23	0.00	0.00	0.37	2.10	0.46	0.14	1.26	0.30	0.00	0.00	0.49	2.65
	G10ON003	0.45	0.16	0.96	0.23	0.00	0.00	0.42	2.22	0.52	0.16	1.26	0.30	0.00	0.00	0.56	2.80
	G10ON004	0.52	0.19	1.92	0.46	0.00	0.00	0.49	3.58	0.60	0.19	2.52	0.60	0.00	0.00	0.65	4.56
	G10CA001	1.77	0.77	5.62	1.35	0.00	0.00	1.93	11.44	2.22	0.79	7.33	1.76	0.00	0.00	2.75	14.85
	G10CA002	2.23	0.97	8.68	2.08	0.00	0.00	2.42	16.38	2.78	0.99	11.33	2.72	0.00	0.00	3.45	21.27
	G10CA003	2.27	0.99	9.68	2.32	0.00	0.00	2.46	17.72	2.83	1.01	12.64	3.03	0.00	0.00	3.52	23.03
	G10CA004	2.54	1.10	11.95	2.87	0.00	0.00	2.76	21.22	3.17	1.13	15.60	3.74	0.00	0.00	3.94	27.58
	G10CA005	2.73	1.19	13.25	3.18	0.00	0.00	2.97	23.32	3.42	1.21	17.30	4.15	0.00	0.00	4.24	30.32
	G10CA006	4.44	1.93	19.08	4.58	0.00	0.00	4.82	34.85	5.55	1.97	24.91	5.98	0.00	0.00	6.89	45.30
	G10CA007	5.04	2.19	22.14	5.31	0.00	0.00	5.47	40.15	6.29	2.24	28.91	6.94	0.00	0.00	7.81	52.19
	G10CA008	6.68	2.91	28.22	6.77	0.00	0.00	7.27	51.85	8.36	2.97	36.85	8.84	0.00	0.00	10.37	67.39
	G10CA009	8.89	3.87	33.55	8.05	0.00	0.00	9.66	64.02	11.11	3.95	43.80	10.51	0.00	0.00	13.80	83.17
	G10CA010	11.62	5.06	46.76	11.22	0.00	0.00	12.63	87.29	14.52	5.16	61.05	14.65	0.00	0.00	18.03	113.41
	G10CA011	17.35	7.56	65.30	15.67	0.00	0.00	18.86	124.74	21.69	7.70	85.26	20.46	0.00	0.00	26.94	162.05
	G10ON005	0.72	0.31	1.34	0.32	0.00	0.00	0.78	3.47	0.89	0.32	1.76	0.42	0.00	0.00	1.11	4.50
	G10ON006	0.77	0.33	1.44	0.34	0.00	0.00	0.83	3.71	0.96	0.34	1.89	0.45	0.00	0.00	1.19	4.83
	G10ON007	0.88	0.39	0.54	0.13	0.00	0.00	0.96	2.90	1.11	0.39	0.71	0.17	0.00	0.00	1.37	3.75
	G10ON008	0.74	0.32	0.22	0.05	0.00	0.00	0.81	2.14	0.93	0.33	0.28	0.07	0.00	0.00	1.15	2.76

TABLE 3-5. HOURLY RATE ELEMENT

		AVERAGE CONDITIONS								SEVERE CONDITIONS							
CAT	ID. NO.	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
G10																	
	G100N009	0.88	0.38	0.43	0.10	0.00	0.00	0.96	2.75	1.10	0.39	0.56	0.14	0.00	0.00	1.37	3.56
	G100N010	1.18	0.52	0.79	0.19	0.00	0.00	1.29	3.97	1.48	0.53	1.03	0.25	0.00	0.00	1.84	5.13
	G100N011	1.25	0.54	0.97	0.23	0.00	0.00	1.35	4.34	1.56	0.55	1.27	0.30	0.00	0.00	1.93	5.61
	G100N012	1.35	0.59	1.19	0.29	0.00	0.00	1.46	4.88	1.68	0.60	1.55	0.37	0.00	0.00	2.09	6.29
	G100N013	1.45	0.63	1.80	0.43	0.00	0.00	1.58	5.89	1.82	0.64	2.35	0.56	0.00	0.00	2.25	7.62
	G100N014	1.54	0.67	2.34	0.56	0.00	0.00	1.67	6.78	1.92	0.68	3.06	0.73	0.00	0.00	2.38	8.77
	G100N015	1.72	0.75	3.13	0.75	0.00	0.00	1.87	8.22	2.15	0.76	4.09	0.98	0.00	0.00	2.67	10.65
	G100N016	1.80	0.78	4.25	1.02	0.00	0.00	1.95	9.80	2.24	0.80	5.55	1.33	0.00	0.00	2.79	12.71
	G100N017	2.01	0.88	4.25	1.02	0.00	0.00	2.19	10.35	2.52	0.89	5.55	1.33	0.00	0.00	3.12	13.41
	G100N018	2.23	0.97	5.58	1.34	0.00	0.00	2.42	12.54	2.79	0.99	7.29	1.75	0.00	0.00	3.46	16.28
	G100N019	2.49	1.08	6.88	1.65	0.00	0.00	2.71	14.81	3.11	1.11	8.98	2.15	0.00	0.00	3.86	19.21
	G100N020	2.79	1.21	8.17	1.96	0.00	0.00	3.03	17.16	3.49	1.24	10.67	2.56	0.00	0.00	4.33	22.29
G15																	
	G15CA001	7.75	5.09	4.13	1.40	0.64	0.10	9.70	28.81	9.30	5.15	5.38	1.83	0.87	0.13	12.47	35.13
	G15CA002	8.86	5.79	4.46	1.51	0.58	0.09	11.06	32.35	10.63	5.85	5.81	1.97	0.78	0.12	14.23	39.39
	G15CA003	9.55	6.25	4.46	1.51	0.64	0.10	11.94	34.45	11.46	6.31	5.81	1.97	0.87	0.13	15.35	41.90
	G15CA004	9.57	6.29	4.95	1.68	0.78	0.12	11.97	35.36	11.48	6.35	6.45	2.19	1.05	0.16	15.39	43.07
	G15CA005	14.09	9.37	6.60	2.24	1.62	0.24	17.69	51.85	16.91	9.47	8.60	2.92	2.18	0.33	22.74	63.15
	G15CA006	20.39	13.60	9.08	3.09	2.52	0.38	25.62	74.68	24.47	13.74	11.83	4.02	3.40	0.51	32.94	90.91
	G15CH001	7.58	5.01	4.46	1.51	0.75	0.11	9.50	28.92	9.10	5.06	5.81	1.97	1.01	0.15	12.22	35.32
	G15CH002	8.31	5.47	5.05	1.72	0.70	0.11	10.41	31.77	9.98	5.53	6.58	2.24	0.95	0.14	13.38	38.80
	G15CH003	8.97	5.91	6.17	2.10	0.81	0.12	11.23	35.31	10.76	5.97	8.04	2.73	1.09	0.16	14.44	43.19
	G15CH004	9.71	6.39	6.93	2.36	0.81	0.12	12.15	38.47	11.65	6.45	9.03	3.07	1.09	0.16	15.63	47.08
	G15CH005	10.42	7.03	6.60	2.24	1.62	0.24	13.13	41.28	12.51	7.10	8.60	2.92	2.18	0.33	16.89	50.53
	G15CH006	11.68	7.83	6.60	2.24	1.62	0.24	14.70	44.91	14.02	7.91	8.60	2.92	2.18	0.33	18.90	54.86
	G15CH007	7.17	4.74	4.46	1.51	0.70	0.11	8.99	27.68	8.61	4.79	5.81	1.97	0.95	0.14	11.56	33.83
	G15CH008	7.63	5.03	5.05	1.72	0.70	0.11	9.56	29.80	9.15	5.09	6.58	2.24	0.95	0.14	12.29	36.44
	G15CH009	8.21	5.43	6.17	2.10	0.81	0.12	10.29	33.13	9.85	5.49	8.04	2.73	1.09	0.16	13.23	40.59
	G15CH010	9.16	6.03	6.93	2.36	0.81	0.12	11.47	36.88	10.99	6.10	9.03	3.07	1.09	0.16	14.74	45.18
	G15CH011	9.87	6.68	6.60	2.24	1.62	0.24	12.45	39.70	11.84	6.74	8.60	2.92	2.18	0.33	16.00	48.61
	G15CH012	11.13	7.48	6.60	2.24	1.62	0.24	14.01	43.32	13.35	7.56	8.60	2.92	2.18	0.33	18.01	52.95
	G15FI001	7.46	4.91	4.46	1.51	0.64	0.10	9.33	28.41	8.95	4.96	5.81	1.97	0.87	0.13	12.00	34.69
	G15FI002	7.85	5.19	5.12	1.74	0.78	0.12	9.84	30.64	9.42	5.25	6.67	2.27	1.05	0.16	12.65	37.47
	G15FI003	8.22	5.50	5.45	1.85	1.08	0.16	10.33	32.59	9.86	5.55	7.10	2.41	1.46	0.22	13.28	39.88
	G15FI004	4.56	3.06	2.24	0.76	0.64	0.10	5.74	17.10	5.48	3.09	2.92	0.99	0.87	0.13	7.38	20.86
	G15FI005	6.94	4.58	4.46	1.51	0.64	0.10	8.70	26.93	8.33	4.63	5.81	1.97	0.87	0.13	11.18	32.92
	G15FI006	7.28	4.83	5.12	1.74	0.77	0.12	9.13	28.99	8.74	4.88	6.67	2.27	1.04	0.16	11.74	35.50
	G15FI007	7.71	5.17	5.45	1.85	1.08	0.16	9.70	31.12	9.25	5.23	7.10	2.41	1.46	0.22	12.47	38.14
	G15GI001	8.17	5.36	4.75	1.62	0.64	0.10	10.21	30.85	9.80	5.42	6.19	2.11	0.87	0.13	13.13	37.65
	G15GI002	8.41	5.52	4.75	1.62	0.64	0.10	10.52	31.56	10.09	5.57	6.19	2.11	0.87	0.13	13.52	38.48
	G15GI003	8.51	5.61	5.48	1.86	0.77	0.12	10.66	33.01	10.21	5.67	7.14	2.43	1.04	0.16	13.70	40.35

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
G15																	
	G15GI004	8.92	5.87	5.48	1.86	0.77	0.12	11.17	34.19	10.70	5.93	7.14	2.43	1.04	0.16	14.36	41.76
	G15GI005	9.48	6.23	5.48	1.86	0.77	0.12	11.86	35.80	11.38	6.29	7.14	2.43	1.04	0.16	15.25	43.69
	G15GI006	9.69	6.36	6.73	2.29	0.77	0.12	12.12	38.08	11.63	6.43	8.77	2.98	1.04	0.16	15.59	46.60
	G15GI007	10.18	6.67	5.84	1.99	0.77	0.12	12.73	38.30	12.21	6.74	7.61	2.59	1.04	0.16	16.36	46.71
	G15GI008	10.02	6.58	6.73	2.29	0.81	0.12	12.54	39.09	12.02	6.65	8.77	2.98	1.09	0.16	16.12	47.79
	G15GI009	11.19	7.33	6.73	2.29	0.81	0.12	13.99	42.46	13.43	7.41	8.77	2.98	1.09	0.16	17.99	51.83
	G15ID001	7.77	5.11	4.75	1.62	0.64	0.10	9.72	29.71	9.32	5.16	6.19	2.11	0.87	0.13	12.50	36.28
	G15ID002	8.39	5.53	4.75	1.62	0.77	0.12	10.50	31.68	10.06	5.59	6.19	2.11	1.04	0.16	13.51	38.66
	G15ID003	8.94	5.88	5.48	1.86	0.77	0.12	11.19	34.24	10.73	5.95	7.14	2.43	1.04	0.16	14.39	41.84
	G15ID004	9.71	6.38	6.73	2.29	0.77	0.12	12.15	38.15	11.65	6.44	8.77	2.98	1.04	0.16	15.62	46.66
	G15JD001	5.81	3.84	2.97	1.01	0.58	0.09	7.28	21.58	6.97	3.88	3.87	1.32	0.78	0.12	9.36	26.30
	G15JD002	7.37	4.84	4.46	1.51	0.58	0.09	9.22	28.07	8.84	4.89	5.81	1.97	0.78	0.12	11.85	34.26
	G15JD003	8.75	5.72	4.46	1.51	0.58	0.09	10.93	32.04	10.50	5.78	5.81	1.97	0.78	0.12	14.06	39.02
	G15JD004	8.28	5.45	5.12	1.74	0.70	0.11	10.36	31.76	9.93	5.50	6.67	2.27	0.95	0.14	13.32	38.78
	G15JD005	9.60	6.29	5.12	1.74	0.70	0.11	12.00	35.56	11.52	6.36	6.67	2.27	0.95	0.14	15.43	43.34
	G15KM001	9.33	6.09	4.13	1.40	0.58	0.09	11.66	33.28	11.20	6.15	5.38	1.83	0.78	0.12	14.99	40.45
	G15KM002	10.24	6.73	4.62	1.57	0.81	0.12	12.81	36.90	12.29	6.80	6.02	2.05	1.09	0.16	16.48	44.89
	G15KM003	11.07	7.25	5.12	1.74	0.81	0.12	13.84	39.95	13.29	7.33	6.67	2.27	1.09	0.16	17.80	48.61
	G15KM004	14.68	9.75	6.60	2.24	1.62	0.24	18.42	53.55	17.62	9.85	8.60	2.92	2.18	0.33	23.69	65.19
	G15KM005	20.32	13.55	9.24	3.14	2.52	0.38	25.53	74.68	24.38	13.70	12.04	4.09	3.40	0.51	32.82	90.94
	G15MI001	5.87	3.84	2.51	0.85	0.40	0.06	7.34	20.87	7.04	3.88	3.27	1.11	0.54	0.08	9.43	25.35
	G15MI002	6.39	4.18	3.00	1.02	0.40	0.06	7.98	23.03	7.67	4.22	3.91	1.33	0.54	0.08	10.27	28.02
	G15MI003	8.56	5.57	4.95	1.68	0.45	0.07	10.69	31.97	10.27	5.63	6.45	2.19	0.60	0.09	13.74	38.97
	G15MI004	9.43	6.14	5.74	1.95	0.52	0.08	11.77	35.63	11.31	6.20	7.48	2.54	0.69	0.10	15.13	43.45
H20																	
	H20BE001	1.09	0.48	0.00	0.10	0.00	0.00	1.46	3.13								
	H20BE002	1.44	0.63	0.00	0.20	0.00	0.00	1.93	4.20								
	H20BE003	1.85	0.82	0.00	0.30	0.00	0.00	2.49	5.46								
	H20BE004	3.33	1.47	0.00	0.40	0.00	0.00	4.47	9.67								
	H20SK001	8.14	3.58	3.60	0.86	0.00	0.00	10.94	27.12								
	H20SK002	11.03	4.85	3.60	0.86	0.00	0.00	14.82	35.16								
	H20SK003	17.07	7.51	4.68	1.12	0.00	0.00	22.93	53.31								
	H20SK004	19.02	8.37	5.40	1.30	0.00	0.00	25.54	59.63								
H25																	
	H25AK001	11.88	5.18	2.21	0.84	0.00	0.00	14.76	34.87	14.62	5.27	2.88	1.09	0.00	0.00	20.76	44.62
	H25AK002	16.80	7.33	4.79	1.82	0.00	0.00	20.88	51.62	20.68	7.46	6.24	2.37	0.00	0.00	29.37	66.12
	H25BA001	14.11	6.16	2.81	1.07	0.00	0.00	17.54	41.69	17.37	6.26	3.66	1.39	0.00	0.00	24.66	53.34
	H25BA002	22.22	9.69	5.28	2.01	0.00	0.00	27.61	66.81	27.35	9.86	6.88	2.61	0.00	0.00	38.84	85.54
	H25CA001	9.16	4.00	2.34	0.89	0.00	0.00	11.38	27.77	11.27	4.07	3.05	1.16	0.00	0.00	16.01	35.56
	H25CA002	11.75	5.12	3.10	1.18	0.00	0.00	14.60	35.75	14.46	5.21	4.04	1.54	0.00	0.00	20.53	45.78
	H25CA003	13.77	6.00	3.63	1.38	0.00	0.00	17.11	41.89	16.94	6.11	4.73	1.80	0.00	0.00	24.06	53.64

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
H25																	
	H25CA004	14.89	6.49	3.80	1.44	0.00	0.00	18.50	45.12	18.32	6.61	4.95	1.88	0.00	0.00	26.02	57.78
	H25CS001	9.26	4.04	3.76	1.43	0.00	0.00	11.50	29.99	11.39	4.11	4.90	1.86	0.00	0.00	16.18	38.44
	H25CS002	10.27	4.48	4.22	1.61	0.00	0.00	12.76	33.34	12.64	4.56	5.50	2.09	0.00	0.00	17.95	42.74
	H25CS003	11.45	4.99	5.05	1.92	0.00	0.00	14.23	37.64	14.09	5.08	6.58	2.50	0.00	0.00	20.01	48.26
	H25FI001	15.49	6.76	3.47	1.32	0.00	0.00	19.25	46.29	19.07	6.88	4.52	1.72	0.00	0.00	27.08	59.27
	H25GA001	18.00	7.85	5.35	2.03	0.00	0.00	22.37	55.60	22.15	7.99	6.97	2.65	0.00	0.00	31.46	71.22
	H25GA002	21.76	9.49	4.79	1.82	0.00	0.00	27.04	64.90	26.78	9.66	6.24	2.37	0.00	0.00	38.03	83.08
	H25HI001	10.12	4.41	2.38	0.90	0.00	0.00	12.57	30.38	12.45	4.49	3.10	1.18	0.00	0.00	17.68	38.90
	H25HI002	13.84	6.03	3.56	1.35	0.00	0.00	17.20	41.98	17.03	6.14	4.64	1.76	0.00	0.00	24.18	53.75
	H25HI003	12.09	5.27	3.00	1.14	0.00	0.00	15.03	36.53	14.88	5.37	3.91	1.49	0.00	0.00	21.13	46.78
	H25HI004	15.09	6.58	3.93	1.49	0.00	0.00	18.75	45.84	18.57	6.70	5.12	1.94	0.00	0.00	26.38	58.71
	H25HI005	16.39	7.15	3.93	1.49	0.00	0.00	20.37	49.33	20.17	7.28	5.12	1.94	0.00	0.00	28.65	63.16
	H25IS001	12.01	5.24	4.46	1.69	0.00	0.00	14.92	38.32	14.78	5.33	5.81	2.21	0.00	0.00	20.99	49.12
	H25IS002	14.47	6.31	5.28	2.01	0.00	0.00	17.99	46.06	17.81	6.42	6.88	2.61	0.00	0.00	25.30	59.02
	H25JD001	2.24	0.98	0.50	0.19	0.00	0.00	2.78	6.69	2.76	0.99	0.65	0.25	0.00	0.00	3.91	8.56
	H25JD002	3.32	1.45	0.76	0.29	0.00	0.00	4.13	9.95	4.09	1.47	0.99	0.38	0.00	0.00	5.80	12.73
	H25JD003	4.78	2.09	1.29	0.49	0.00	0.00	5.95	14.60	5.89	2.12	1.68	0.64	0.00	0.00	8.36	18.69
	H25JD004	6.21	2.71	1.82	0.69	0.00	0.00	7.72	19.15	7.65	2.76	2.37	0.90	0.00	0.00	10.86	24.54
	H25JD005	9.24	4.03	2.48	0.94	0.00	0.00	11.48	28.17	11.37	4.10	3.23	1.23	0.00	0.00	16.14	36.07
	H25JD006	11.35	4.95	3.14	1.19	0.00	0.00	14.10	34.73	13.96	5.04	4.09	1.55	0.00	0.00	19.83	44.47
	H25JD007	12.12	5.29	4.13	1.57	0.00	0.00	15.06	38.17	14.92	5.38	5.38	2.04	0.00	0.00	21.19	48.91
	H25JD008	15.84	6.91	5.12	1.94	0.00	0.00	19.69	49.50	19.50	7.03	6.67	2.53	0.00	0.00	27.69	63.42
	H25KM001	10.94	4.77	2.71	1.03	0.00	0.00	13.59	33.04	13.46	4.85	3.53	1.34	0.00	0.00	19.12	42.30
	H25KM002	11.84	5.17	3.27	1.24	0.00	0.00	14.72	36.24	14.57	5.26	4.26	1.62	0.00	0.00	20.70	46.41
	H25KO001	7.21	3.15	1.68	0.64	0.00	0.00	8.96	21.64	8.87	3.20	2.19	0.83	0.00	0.00	12.60	27.69
	H25KO002	9.30	4.05	2.87	1.09	0.00	0.00	11.55	28.86	11.44	4.13	3.74	1.42	0.00	0.00	16.25	36.98
	H25MD001	10.52	4.59	2.77	1.05	0.00	0.00	13.08	32.01	12.95	4.67	3.61	1.37	0.00	0.00	18.39	40.99
	H25MD002	15.81	6.90	4.06	1.54	0.00	0.00	19.65	47.96	19.46	7.02	5.29	2.01	0.00	0.00	27.64	61.42
	H25AK003	15.98	7.71	5.48	2.08	0.00	0.00	21.14	52.39	19.98	7.84	7.14	2.71	0.00	0.00	29.75	67.42
	H25AK004	18.29	8.83	6.90	2.62	0.00	0.00	24.19	60.83	22.86	8.98	8.99	3.42	0.00	0.00	34.04	78.29
	H25AK005	29.94	14.45	8.65	3.29	0.00	0.00	39.60	95.93	37.42	14.69	11.27	4.28	0.00	0.00	55.73	123.39
	H25BA003	22.42	10.82	7.76	2.95	0.00	0.00	29.66	73.61	28.03	11.01	10.11	3.84	0.00	0.00	41.74	94.73
	H25BA004	26.96	13.01	10.16	3.86	0.00	0.00	35.67	89.66	33.70	13.23	13.24	5.03	0.00	0.00	50.19	115.39
	H25CA005	14.36	6.93	4.29	1.63	0.00	0.00	19.00	46.21	17.95	7.05	5.59	2.12	0.00	0.00	26.73	59.44
	H25CA006	16.58	8.00	4.79	1.82	0.00	0.00	21.94	53.13	20.73	8.14	6.24	2.37	0.00	0.00	30.87	68.35
	H25CA007	30.94	14.93	8.25	3.14	0.00	0.00	40.92	98.18	38.67	15.18	10.75	4.09	0.00	0.00	57.59	126.28
	H25FI002	17.60	8.49	5.02	1.91	0.00	0.00	23.28	56.30	22.00	8.64	6.54	2.48	0.00	0.00	32.76	72.42
	H25FI003	27.80	13.42	8.02	3.05	0.00	0.00	36.77	89.06	34.75	13.64	10.45	3.97	0.00	0.00	51.74	114.55
	H25HI006	11.49	5.55	3.80	1.44	0.00	0.00	15.20	37.48	14.36	5.64	4.95	1.88	0.00	0.00	21.39	48.22
	H25HI007	17.00	8.21	5.18	1.97	0.00	0.00	22.49	54.85	21.25	8.35	6.75	2.57	0.00	0.00	31.65	70.57
	H25HI008	26.59	12.83	8.88	3.37	0.00	0.00	35.17	86.84	33.24	13.05	11.57	4.40	0.00	0.00	49.50	111.76

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
H25																	
	H25HI009	19.22	9.28	5.31	2.02	0.00	0.00	25.42	61.25	24.02	9.43	6.92	2.63	0.00	0.00	35.77	78.77
	H25HI010	19.82	9.57	5.31	2.02	0.00	0.00	26.22	62.94	24.77	9.73	6.92	2.63	0.00	0.00	36.89	80.94
	H25HI011	29.24	14.11	9.08	3.45	0.00	0.00	38.68	94.56	36.55	14.35	11.83	4.49	0.00	0.00	54.43	121.65
	H25HI012	29.04	14.02	9.08	3.45	0.00	0.00	38.41	94.00	36.30	14.25	11.83	4.49	0.00	0.00	54.06	120.93
	H25IS003	14.48	6.99	5.78	2.19	0.00	0.00	19.16	48.60	18.10	7.11	7.53	2.86	0.00	0.00	26.96	62.56
	H25IS004	22.35	10.79	8.42	3.20	0.00	0.00	29.56	74.32	27.94	10.97	10.97	4.17	0.00	0.00	41.60	95.65
	H25IS005	26.80	12.94	9.90	3.76	0.00	0.00	35.45	88.85	33.50	13.15	12.90	4.90	0.00	0.00	49.89	114.34
	H25JD009	15.46	7.46	5.94	2.26	0.00	0.00	20.44	51.56	19.32	7.59	7.74	2.94	0.00	0.00	28.77	66.36
	H25JD010	16.59	8.01	6.44	2.45	0.00	0.00	21.94	55.43	20.74	8.14	8.39	3.19	0.00	0.00	30.88	71.34
	H25JD011	23.42	11.30	8.58	3.26	0.00	0.00	30.97	77.53	29.27	11.49	11.18	4.25	0.00	0.00	43.59	99.78
	H25KM003	12.91	6.23	3.89	1.48	0.00	0.00	17.08	41.59	16.14	6.34	5.07	1.93	0.00	0.00	24.03	53.51
	H25KM004	14.99	7.23	4.88	1.86	0.00	0.00	19.82	48.78	18.73	7.36	6.36	2.42	0.00	0.00	27.90	62.77
	H25KM005	20.41	9.85	6.50	2.47	0.00	0.00	27.00	66.23	25.51	10.02	8.47	3.22	0.00	0.00	38.00	85.22
	H25KO003	12.49	6.03	4.16	1.58	0.00	0.00	16.52	40.78	15.61	6.13	5.42	2.06	0.00	0.00	23.24	52.46
	H25KO004	15.27	7.37	5.28	2.01	0.00	0.00	20.20	50.13	19.09	7.50	6.88	2.61	0.00	0.00	28.43	64.51
	H25KO005	18.24	8.81	7.00	2.66	0.00	0.00	24.13	60.84	22.81	8.95	9.12	3.46	0.00	0.00	33.96	78.30
	H25KO006	28.64	13.83	8.35	3.17	0.00	0.00	37.89	91.88	35.80	14.06	10.88	4.13	0.00	0.00	53.32	118.19
	H25MD003	16.46	7.95	5.05	1.92	0.00	0.00	21.77	53.15	20.58	8.08	6.58	2.50	0.00	0.00	30.64	68.38
	H25MD004	19.75	9.53	6.07	2.31	0.00	0.00	26.12	63.78	24.68	9.69	7.91	3.01	0.00	0.00	36.76	82.05
	H25MD005	20.33	9.81	7.49	2.85	0.00	0.00	26.90	67.38	25.42	9.98	9.76	3.71	0.00	0.00	37.85	86.72
	H25MD006	28.52	13.76	8.15	3.10	0.00	0.00	37.72	91.25	35.65	14.00	10.62	4.04	0.00	0.00	53.09	117.40
	H25MD007	29.06	14.02	9.44	3.59	0.00	0.00	38.43	94.54	36.32	14.26	12.30	4.67	0.00	0.00	54.09	121.64
	H25AK006	38.93	20.09	12.74	2.80	0.00	0.00	66.37	140.93	46.72	20.35	16.60	3.65	0.00	0.00	86.87	174.19
	H25BA005	50.08	25.84	20.33	4.47	0.00	0.00	85.38	186.10	60.10	26.18	26.49	5.83	0.00	0.00	111.75	230.35
	H25CA008	41.31	21.32	11.88	2.61	0.00	0.00	70.42	147.54	49.57	21.59	15.48	3.41	0.00	0.00	92.18	182.23
	H25HI013	40.66	20.98	15.71	3.46	0.00	0.00	69.31	150.12	48.79	21.25	20.47	4.50	0.00	0.00	90.72	185.73
	H25IS006	33.36	17.21	13.20	2.90	0.00	0.00	56.87	123.54	40.03	17.44	17.20	3.78	0.00	0.00	74.43	152.88
	H25KM006	46.99	24.25	13.33	2.93	0.00	0.00	80.11	167.61	56.39	24.56	17.37	3.82	0.00	0.00	104.85	206.99
	H25KO007	45.50	23.48	13.86	3.05	0.00	0.00	77.56	163.45	54.59	23.78	18.06	3.97	0.00	0.00	101.52	201.92
	H25HI014	42.29	25.21	17.75	4.26	0.00	0.00	78.64	168.15	49.34	25.46	23.13	5.55	0.00	0.00	99.39	202.87
	H25HI015	46.47	27.71	16.90	4.06	0.00	0.00	86.41	181.55	54.21	27.98	22.02	5.28	0.00	0.00	109.20	218.69
H30																	
	H30AK001	18.62	7.38	5.22	1.88	0.31	0.05	15.44	48.90	22.92	7.53	6.82	2.45	0.39	0.06	20.90	61.07
	H30BA001	15.45	6.32	4.69	1.69	1.08	0.16	12.89	42.28	19.01	6.45	5.90	2.12	1.33	0.20	17.46	52.47
	H30BA002	26.00	10.35	7.64	2.75	0.57	0.09	21.57	68.97	32.00	10.55	9.71	3.50	0.71	0.11	29.20	85.78
	H30CA001	11.01	4.45	2.56	0.92	0.52	0.08	9.17	28.71	13.55	4.54	3.34	1.20	0.64	0.10	12.41	35.78
	H30CA002	13.28	5.38	3.38	1.22	0.69	0.10	11.06	35.11	16.35	5.49	4.42	1.59	0.83	0.12	14.97	43.77
	H30CA003	14.75	5.96	3.67	1.32	0.69	0.10	12.27	38.76	18.15	6.08	4.79	1.73	0.83	0.12	16.61	48.31
	H30GA001	15.55	6.28	6.17	2.22	0.72	0.11	12.94	43.99	19.14	6.40	7.83	2.82	0.89	0.13	17.52	54.73
	H30GA002	20.86	8.36	8.09	2.91	0.74	0.11	17.33	58.40	25.67	8.52	10.32	3.71	0.93	0.14	23.46	72.75
	H30GA003	12.68	5.09	5.15	1.85	0.47	0.07	10.54	35.85	15.61	5.19	6.72	2.42	0.58	0.09	14.27	44.88

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
H30																	
	H30GA004	14.01	5.63	5.15	1.85	0.54	0.08	11.64	38.90	17.24	5.74	6.72	2.42	0.66	0.10	15.76	48.64
	H30AK002	17.37	7.64	5.98	2.15	0.38	0.06	16.17	49.75	21.71	7.78	7.80	2.81	0.49	0.07	21.90	62.56
	H30CA004	15.91	7.08	4.46	1.61	0.69	0.10	14.84	44.69	19.89	7.21	5.83	2.10	0.83	0.12	20.10	56.08
H35																	
	H35HI001	42.26	28.61	16.90	4.06	0.00	0.00	78.59	170.42	48.30	28.80	22.02	5.28	0.00	0.00	97.30	201.70
	H35HI002	68.58	46.43	30.36	7.29	0.00	0.00	127.53	280.19	78.38	46.73	39.56	9.49	0.00	0.00	157.88	332.04
	H35HI003	158.53	107.31	54.78	13.15	0.00	0.00	294.79	628.56	181.18	108.02	71.38	17.13	0.00	0.00	364.94	742.65
L10																	
	L10BS001	2.22	0.87	0.00	0.40	0.00	0.00	3.32	6.81	2.73	0.89	0.00	0.40	0.00	0.00	4.54	8.56
	L10BS002	2.07	0.81	0.00	0.30	0.00	0.00	3.09	6.27	2.55	0.83	0.00	0.30	0.00	0.00	4.23	7.91
	L10BS003	2.73	1.07	0.00	0.30	0.00	0.00	4.08	8.18	3.36	1.10	0.00	0.30	0.00	0.00	5.57	10.33
	L10BS004	0.90	0.36	0.00	0.25	0.00	0.00	1.35	2.86	1.11	0.36	0.00	0.25	0.00	0.00	1.84	3.56
	L10BS005	2.06	0.81	0.00	0.30	0.00	0.00	3.08	6.25	2.54	0.83	0.00	0.30	0.00	0.00	4.21	7.88
	L10BS006	3.17	1.25	0.00	0.40	0.00	0.00	4.73	9.55	3.90	1.27	0.00	0.40	0.00	0.00	6.47	12.04
	L10BS007	3.74	1.47	0.00	0.50	0.00	0.00	5.58	11.29	4.60	1.50	0.00	0.50	0.00	0.00	7.63	14.23
	L10BU001	0.46	0.18	0.00	0.80	0.00	0.00	0.68	2.12	0.56	0.18	0.00	0.80	0.00	0.00	0.93	2.47
	L10BU002	0.89	0.35	0.00	1.50	0.00	0.00	1.34	4.08	1.10	0.36	0.00	1.50	0.00	0.00	1.83	4.79
	L10BU003	1.20	0.47	0.00	2.00	0.00	0.00	1.79	5.46	1.48	0.48	0.00	2.00	0.00	0.00	2.45	6.41
	L10BU004	1.51	0.59	0.00	2.50	0.00	0.00	2.25	6.85	1.86	0.61	0.00	2.50	0.00	0.00	3.08	8.05
	L10BU005	0.62	0.24	0.00	1.10	0.00	0.00	0.93	2.89	0.76	0.25	0.00	1.10	0.00	0.00	1.27	3.38
	L10BU006	0.21	0.08	0.00	0.70	0.00	0.00	0.32	1.31	0.26	0.09	0.00	0.70	0.00	0.00	0.43	1.48
	L10BU007	0.22	0.09	0.00	0.80	0.00	0.00	0.34	1.45	0.28	0.09	0.00	0.80	0.00	0.00	0.46	1.63
	L10BU008	0.24	0.10	0.00	0.80	0.00	0.00	0.36	1.50	0.30	0.10	0.00	0.80	0.00	0.00	0.50	1.70
	L10BU009	0.25	0.10	0.00	0.90	0.00	0.00	0.38	1.63	0.31	0.10	0.00	0.90	0.00	0.00	0.52	1.83
	L10CI001	0.51	0.20	1.60	0.48	0.00	0.00	0.76	3.55	0.62	0.20	2.08	0.63	0.00	0.00	1.04	4.57
	L10VE001	0.64	0.26	1.68	0.51	0.03	0.00	0.95	4.07	0.78	0.26	2.20	0.66	0.03	0.00	1.30	5.23
	L10VE002	0.70	0.28	3.01	0.90	0.02	0.00	1.05	5.96	0.86	0.29	3.94	1.18	0.03	0.00	1.43	7.73
	L10VE003	1.88	0.75	5.50	1.65	0.03	0.00	2.82	12.63	2.32	0.76	7.18	2.15	0.04	0.01	3.85	16.31
	L10VE004	2.97	1.18	5.50	1.65	0.03	0.00	4.45	15.78	3.66	1.20	7.18	2.15	0.04	0.01	6.08	20.32
	L10VE005	1.36	0.54	1.15	0.35	0.03	0.00	2.03	5.46	1.67	0.55	1.51	0.45	0.04	0.01	2.78	7.01
	L10VE006	1.83	0.73	1.15	0.35	0.03	0.00	2.74	6.83	2.25	0.74	1.51	0.45	0.04	0.01	3.75	8.75
	L10VE007	1.86	0.73	0.00	1.50	0.00	0.00	2.78	6.87	2.29	0.75	0.00	1.50	0.00	0.00	3.81	8.35
	L10VE008	6.27	2.46	0.00	3.00	0.00	0.00	9.36	21.09	7.72	2.52	0.00	3.00	0.00	0.00	12.80	26.04
L15																	
	L15EX001	2.71	0.54	2.73	0.66	0.05	0.01	2.99	9.69								
	L15EX002	3.05	0.60	0.99	0.24	0.05	0.01	3.36	8.30								
	L15EX003	3.59	0.71	1.04	0.25	0.05	0.01	3.95	9.60								
	L15EX004	3.38	0.67	1.26	0.30	0.05	0.01	3.73	9.40								
	L15EX005	3.13	0.62	4.04	0.97	0.05	0.01	3.45	12.27								
	L15EX006	3.29	0.65	5.10	1.22	0.05	0.01	3.63	13.95								
	L15EX007	3.87	0.76	5.10	1.22	0.05	0.01	4.26	15.27								

TABLE 3-5. HOURLY RATE ELEMENT

		AVERAGE CONDITIONS								SEVERE CONDITIONS							
CAT	ID. NO.	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
L15																	
	L15EX008	5.85	1.16	1.31	0.31	0.12	0.02	6.45	15.22								
	L15EX009	3.80	0.75	5.10	1.22	0.05	0.01	4.18	15.11								
	L15TO001	0.16	0.03	0.59	0.14	0.00	0.00	0.17	1.09								
	L15TO002	0.34	0.08	0.95	0.23	0.05	0.01	0.38	2.04								
	L15TO003	1.31	0.26	2.02	0.48	0.05	0.01	1.45	5.58								
	L15TO004	1.38	0.28	2.02	0.48	0.05	0.01	1.52	5.74								
	L15TO005	2.89	0.57	0.95	0.23	0.05	0.01	3.18	7.88								
	L15TO006	2.37	0.47	2.37	0.57	0.05	0.01	2.61	8.45								
	L15TO007	2.51	0.50	2.37	0.57	0.05	0.01	2.77	8.78								
	L15TO008	3.04	0.60	0.95	0.23	0.05	0.01	3.35	8.23								
L20																	
	L20AB001	1.53	0.70	0.71	0.17	0.09	0.01	4.18	7.39								
	L20AB002	1.41	0.64	0.71	0.17	0.09	0.01	3.86	6.89								
	L20AB003	0.88	0.41	0.24	0.06	0.09	0.01	2.43	4.12								
	L20AB004	0.66	0.31	0.24	0.06	0.09	0.01	1.81	3.18								
	L20AB005	0.97	0.45	0.47	0.11	0.09	0.01	2.68	4.78								
	L20AB006	0.39	0.20	0.63	0.15	0.09	0.01	1.10	2.57								
	L20AB007	0.48	0.24	0.24	0.06	0.09	0.01	1.35	2.47								
	L20AB008	0.35	0.18	0.63	0.15	0.09	0.01	0.98	2.39								
	L20AB009	0.44	0.22	0.24	0.06	0.09	0.01	1.24	2.30								
	L20AB010	0.55	0.27	0.34	0.20	0.09	0.01	1.53	2.99								
	L20AB011	0.37	0.19	0.34	0.20	0.09	0.01	1.04	2.24								
	L20AI001	0.44	0.20	0.50	0.12	0.03	0.00	1.21	2.50								
	L20AI002	1.27	0.57	0.52	0.12	0.03	0.00	3.46	5.97								
	L20AI003	1.47	0.65	0.75	0.18	0.03	0.00	4.00	7.08								
	L20AI004	1.92	0.85	2.01	0.48	0.03	0.00	5.21	10.50								
L25																	
	L25MB001	0.28	0.12	0.50	0.87	0.00	0.00	0.61	2.38								
	L25MB002	0.36	0.16	0.76	1.18	0.00	0.00	0.78	3.24								
	L25MB003	1.01	0.44	1.26	1.55	0.00	0.00	2.18	6.44								
	L25MB004	7.20	3.20	23.91	7.24	0.23	0.03	15.65	57.46								
L30																	
	L30KL001	2.04	1.08	0.36	0.10	0.51	0.08	3.48	7.65	2.54	1.10	0.47	0.13	0.67	0.10	4.79	9.80
	L30KL002	0.66	0.32	0.18	0.05	0.00	0.00	1.11	2.32	0.83	0.33	0.24	0.07	0.00	0.00	1.53	3.00
	L30KL003	0.84	0.41	0.11	0.03	0.00	0.00	1.41	2.80	1.05	0.41	0.14	0.04	0.00	0.00	1.94	3.58
	L30KL004	0.13	0.07	0.00	0.00	0.00	0.00	0.23	0.43	0.17	0.07	0.00	0.00	0.00	0.00	0.31	0.55
	L30KL005	0.69	0.34	0.00	0.00	0.00	0.00	1.16	2.19	0.86	0.34	0.00	0.00	0.00	0.00	1.60	2.80
	L30KL006	0.51	0.25	0.11	0.03	0.00	0.00	0.85	1.75	0.63	0.25	0.14	0.04	0.00	0.00	1.17	2.23
	L30KL007	0.69	0.33	0.18	0.05	0.00	0.00	1.15	2.40	0.86	0.34	0.24	0.07	0.00	0.00	1.58	3.09
	L30KL008	0.97	0.47	0.18	0.05	0.00	0.00	1.62	3.29	1.21	0.48	0.24	0.07	0.00	0.00	2.23	4.23
	L30KL009	0.10	0.05	0.00	0.00	0.00	0.00	0.17	0.32	0.13	0.05	0.00	0.00	0.00	0.00	0.24	0.42

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
L30																	
	L30KL010	2.16	1.14	0.72	0.20	0.51	0.08	3.70	8.51	2.70	1.16	0.94	0.26	0.67	0.10	5.08	10.91
	L30KL011	0.78	0.38	0.29	0.08	0.00	0.00	1.31	2.84	0.98	0.39	0.38	0.11	0.00	0.00	1.80	3.66
	L30KL012	0.93	0.45	0.18	0.05	0.00	0.00	1.57	3.18	1.17	0.46	0.24	0.07	0.00	0.00	2.16	4.10
	L30KL013	0.13	0.07	0.00	0.00	0.00	0.00	0.23	0.43	0.17	0.07	0.00	0.00	0.00	0.00	0.31	0.55
	L30KL014	0.69	0.34	0.00	0.00	0.00	0.00	1.16	2.19	0.86	0.34	0.00	0.00	0.00	0.00	1.60	2.80
	L30KL015	0.61	0.30	0.11	0.03	0.00	0.00	1.03	2.08	0.77	0.30	0.14	0.04	0.00	0.00	1.42	2.67
	L30KL016	0.85	0.41	0.18	0.05	0.00	0.00	1.42	2.91	1.06	0.42	0.24	0.07	0.00	0.00	1.95	3.74
	L30KL017	1.14	0.55	0.29	0.08	0.00	0.00	1.91	3.97	1.42	0.56	0.38	0.11	0.00	0.00	2.63	5.10
	L30KL018	0.10	0.05	0.00	0.00	0.00	0.00	0.17	0.32	0.13	0.05	0.00	0.00	0.00	0.00	0.24	0.42
	L30KL019	2.63	1.36	1.08	0.30	0.51	0.08	4.47	10.43	3.28	1.39	1.41	0.39	0.67	0.10	6.15	13.39
	L30KL020	0.83	0.40	0.32	0.09	0.00	0.00	1.39	3.03	1.03	0.41	0.42	0.12	0.00	0.00	1.91	3.89
	L30KL021	1.01	0.49	0.25	0.07	0.00	0.00	1.69	3.51	1.26	0.50	0.33	0.09	0.00	0.00	2.33	4.51
	L30KL022	0.13	0.07	0.00	0.00	0.00	0.00	0.23	0.43	0.17	0.07	0.00	0.00	0.00	0.00	0.31	0.55
	L30KL023	0.69	0.34	0.00	0.00	0.00	0.00	1.16	2.19	0.86	0.34	0.00	0.00	0.00	0.00	1.60	2.80
	L30KL024	0.70	0.34	0.18	0.05	0.00	0.00	1.17	2.44	0.87	0.34	0.24	0.07	0.00	0.00	1.61	3.13
	L30KL025	0.97	0.47	0.29	0.08	0.00	0.00	1.62	3.43	1.21	0.48	0.38	0.11	0.00	0.00	2.23	4.41
	L30KL026	1.12	0.54	0.29	0.08	0.00	0.00	1.88	3.91	1.40	0.55	0.38	0.11	0.00	0.00	2.58	5.02
	L30KL027	0.10	0.05	0.00	0.00	0.00	0.00	0.17	0.32	0.13	0.05	0.00	0.00	0.00	0.00	0.24	0.42
	L30KL028	2.84	1.47	1.44	0.40	0.51	0.08	4.84	11.58	3.55	1.49	1.88	0.53	0.67	0.10	6.65	14.87
	L30KL029	1.00	0.49	0.40	0.11	0.00	0.00	1.68	3.68	1.25	0.50	0.52	0.14	0.00	0.00	2.32	4.73
	L30KL030	1.01	0.49	0.32	0.09	0.00	0.00	1.70	3.61	1.27	0.50	0.42	0.12	0.00	0.00	2.34	4.65
	L30KL031	0.13	0.07	0.00	0.00	0.00	0.00	0.23	0.43	0.17	0.07	0.00	0.00	0.00	0.00	0.31	0.55
	L30KL032	0.69	0.34	0.00	0.00	0.00	0.00	1.16	2.19	0.86	0.34	0.00	0.00	0.00	0.00	1.60	2.80
	L30KL033	0.90	0.44	0.18	0.05	0.00	0.00	1.52	3.09	1.13	0.45	0.24	0.07	0.00	0.00	2.08	3.97
	L30KL034	1.06	0.52	0.29	0.08	0.00	0.00	1.78	3.73	1.33	0.52	0.38	0.11	0.00	0.00	2.45	4.79
	L30KL035	1.62	0.79	0.36	0.10	0.00	0.00	2.72	5.59	2.03	0.80	0.47	0.13	0.00	0.00	3.74	7.17
	L30KL036	0.10	0.05	0.00	0.00	0.00	0.00	0.17	0.32	0.13	0.05	0.00	0.00	0.00	0.00	0.24	0.42
	L30KL037	3.80	1.93	1.80	0.50	0.51	0.08	6.44	15.06	4.75	1.97	2.35	0.66	0.67	0.10	8.86	19.36
	L30KL038	1.38	0.67	0.54	0.15	0.00	0.00	2.31	5.05	1.72	0.68	0.71	0.20	0.00	0.00	3.18	6.49
	L30KL039	1.32	0.64	0.36	0.10	0.00	0.00	2.21	4.63	1.65	0.65	0.47	0.13	0.00	0.00	3.05	5.95
	L30KL040	0.13	0.07	0.00	0.00	0.00	0.00	0.23	0.43	0.17	0.07	0.00	0.00	0.00	0.00	0.31	0.55
	L30KL041	0.82	0.40	0.00	0.00	0.00	0.00	1.37	2.59	1.02	0.40	0.00	0.00	0.00	0.00	1.89	3.31
	L30KL042	1.05	0.51	0.29	0.08	0.00	0.00	1.77	3.70	1.32	0.52	0.38	0.11	0.00	0.00	2.43	4.76
	L30KL043	1.91	0.93	0.36	0.10	0.00	0.00	3.20	6.50	2.39	0.94	0.47	0.13	0.00	0.00	4.41	8.34
	L30KL044	2.14	1.04	0.36	0.10	0.00	0.00	3.60	7.24	2.68	1.06	0.47	0.13	0.00	0.00	4.95	9.29
	L30KL045	0.10	0.05	0.00	0.00	0.00	0.00	0.17	0.32	0.13	0.05	0.00	0.00	0.00	0.00	0.24	0.42
	L30KL046	14.02	7.44	4.50	1.26	7.42	1.11	24.02	59.77	17.53	7.57	5.88	1.65	11.79	1.77	33.03	79.22
	L30KL047	15.69	8.26	6.66	1.86	7.57	1.14	26.82	68.00	19.61	8.40	8.70	2.43	12.03	1.80	36.89	89.86
	L30KL048	15.82	8.54	6.66	1.86	10.49	1.57	27.19	72.13	19.77	8.68	8.70	2.43	16.77	2.52	37.40	96.27
	L30KL049	18.13	9.80	10.44	2.92	12.40	1.86	31.18	86.73	22.66	9.96	13.63	3.82	19.88	2.98	42.88	115.81
	L30KL050	17.52	9.14	6.66	1.86	7.42	1.11	29.88	73.59	21.89	9.29	8.70	2.43	11.79	1.77	41.09	96.96

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
L30																	
	L30KL051	18.56	9.65	6.66	1.86	7.57	1.14	31.64	77.08	23.20	9.82	8.70	2.43	12.03	1.80	43.51	101.49
	L30KL052	20.75	10.93	10.44	2.92	10.49	1.57	35.47	92.57	25.93	11.11	13.63	3.82	16.77	2.52	48.78	122.56
	L30KL053	22.82	12.07	10.44	2.92	12.40	1.86	39.05	101.56	28.52	12.28	13.63	3.82	19.88	2.98	53.70	134.81
	L30KL054	1.38	0.67	0.29	0.08	0.00	0.00	2.32	4.74	1.73	0.68	0.38	0.11	0.00	0.00	3.20	6.10
	L30KL055	2.32	1.13	0.54	0.15	0.00	0.00	3.90	8.04	2.90	1.15	0.71	0.20	0.00	0.00	5.36	10.32
	L30KL056	2.50	1.21	0.54	0.15	0.00	0.00	4.20	8.60	3.13	1.24	0.71	0.20	0.00	0.00	5.78	11.06
	L30KL057	2.30	1.12	0.54	0.15	0.00	0.00	3.86	7.97	2.88	1.14	0.71	0.20	0.00	0.00	5.31	10.24
L35																	
	L35CA001	4.88	2.35	2.61	0.99	0.00	0.00	10.81	21.64	6.09	2.39	3.42	1.30	0.00	0.00	14.01	27.21
	L35CA002	5.25	2.53	2.61	0.99	0.00	0.00	11.65	23.03	6.57	2.57	3.42	1.30	0.00	0.00	15.10	28.96
	L35CA003	5.52	2.66	3.04	1.16	0.00	0.00	12.24	24.62	6.90	2.71	3.98	1.51	0.00	0.00	15.87	30.97
	L35CA004	9.00	4.33	3.12	1.19	0.00	0.00	19.96	37.60	11.25	4.41	4.08	1.55	0.00	0.00	25.87	47.16
	L35CA005	10.95	5.27	4.29	1.63	0.00	0.00	24.27	46.41	13.68	5.37	5.61	2.13	0.00	0.00	31.47	58.26
	L35CA006	14.43	6.95	5.85	2.22	0.00	0.00	32.00	61.45	18.04	7.07	7.65	2.91	0.00	0.00	41.48	77.15
	L35CA007	21.22	10.21	8.19	3.11	0.00	0.00	47.05	89.78	26.53	10.40	10.71	4.07	0.00	0.00	61.00	112.71
	L35CS001	4.65	2.24	2.46	0.93	0.00	0.00	10.32	20.60	5.82	2.28	3.21	1.22	0.00	0.00	13.38	25.91
	L35CS002	6.85	3.29	3.20	1.22	0.00	0.00	15.18	29.74	8.56	3.36	4.18	1.59	0.00	0.00	19.68	37.37
	L35CS003	9.08	4.37	4.60	1.75	0.00	0.00	20.13	39.93	11.35	4.45	6.02	2.29	0.00	0.00	26.10	50.21
	L35CS004	10.02	4.82	5.46	2.07	0.00	0.00	22.21	44.58	12.52	4.91	7.14	2.71	0.00	0.00	28.80	56.08
	L35FI001	5.98	2.88	2.73	1.04	0.00	0.00	13.26	25.89	7.47	2.93	3.57	1.36	0.00	0.00	17.19	32.52
	L35FI002	6.61	3.18	3.32	1.26	0.00	0.00	14.66	29.03	8.27	3.24	4.34	1.65	0.00	0.00	19.01	36.51
	L35FI003	10.66	5.13	4.95	1.88	0.00	0.00	23.64	46.26	13.33	5.23	6.48	2.46	0.00	0.00	30.65	58.15
	L35FI004	13.49	6.49	6.55	2.49	0.00	0.00	29.90	58.92	16.86	6.61	8.57	3.26	0.00	0.00	38.77	74.07
	L35FI005	19.84	9.55	8.70	3.30	0.00	0.00	43.99	85.38	24.80	9.73	11.37	4.32	0.00	0.00	57.04	107.26
	L35ID001	5.26	2.53	2.73	1.04	0.00	0.00	11.66	23.22	6.58	2.58	3.57	1.36	0.00	0.00	15.12	29.21
	L35ID002	6.94	3.34	3.12	1.19	0.00	0.00	15.39	29.98	8.68	3.40	4.08	1.55	0.00	0.00	19.95	37.66
	L35ID003	10.33	4.97	5.46	2.07	0.00	0.00	22.90	45.73	12.91	5.06	7.14	2.71	0.00	0.00	29.69	57.51
	L35ID004	13.10	6.31	6.44	2.45	0.00	0.00	29.05	57.35	16.38	6.42	8.42	3.20	0.00	0.00	37.66	72.08
	L35ID005	15.65	7.53	8.39	3.19	0.00	0.00	34.70	69.46	19.57	7.67	10.97	4.17	0.00	0.00	44.99	87.37
	L35JD001	3.59	1.73	1.87	0.71	0.00	0.00	7.96	15.86	4.49	1.76	2.45	0.93	0.00	0.00	10.32	19.95
	L35JD002	4.66	2.24	2.73	1.04	0.00	0.00	10.32	20.99	5.82	2.28	3.57	1.36	0.00	0.00	13.38	26.41
	L35JD003	6.30	3.03	3.51	1.33	0.00	0.00	13.96	28.13	7.87	3.09	4.59	1.74	0.00	0.00	18.10	35.39
	L35JD004	8.54	4.11	4.68	1.78	0.00	0.00	18.94	38.05	10.68	4.19	6.12	2.33	0.00	0.00	24.55	47.87
	L35JD005	9.66	4.65	5.46	2.07	0.00	0.00	21.43	43.27	12.08	4.74	7.14	2.71	0.00	0.00	27.78	54.45
	L35KM001	6.34	3.05	2.73	1.04	0.00	0.00	14.05	27.21	7.92	3.11	3.57	1.36	0.00	0.00	18.22	34.18
	L35KM002	9.08	4.37	3.51	1.33	0.00	0.00	20.13	38.42	11.35	4.45	4.59	1.74	0.00	0.00	26.10	48.23
	L35KM003	12.31	5.92	4.29	1.63	0.00	0.00	27.29	51.44	15.39	6.03	5.61	2.13	0.00	0.00	35.38	64.54
	L35KM004	14.39	6.93	5.27	2.00	0.00	0.00	31.91	60.50	17.99	7.06	6.89	2.62	0.00	0.00	41.38	75.94
	L35KM005	16.45	7.92	6.24	2.37	0.00	0.00	36.47	69.45	20.56	8.06	8.16	3.10	0.00	0.00	47.28	87.16
	L35KM006	20.81	10.02	7.80	2.96	0.00	0.00	46.14	87.73	26.01	10.20	10.20	3.88	0.00	0.00	59.82	110.11
L40																	

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
L40																	
	L40CA001	4.47	2.53	2.34	0.98	0.96	0.14	5.65	17.07	5.59	2.56	3.06	1.28	1.83	0.27	7.56	22.15
	L40CA002	6.02	3.36	3.06	1.29	0.96	0.14	7.58	22.41	7.53	3.41	4.00	1.68	1.83	0.27	10.15	28.87
	L40CA003	7.03	3.92	3.96	1.66	1.06	0.16	8.85	26.64	8.79	3.98	5.17	2.17	2.02	0.30	11.85	34.28
	L40CA004	8.73	5.02	4.86	2.04	2.49	0.37	11.08	34.59	10.92	5.09	6.35	2.66	4.75	0.71	14.84	45.32
	L40CA005	10.87	6.27	5.76	2.42	3.29	0.49	13.80	42.90	13.59	6.36	7.52	3.16	6.27	0.94	18.48	56.32
	L40CA006	14.60	8.61	7.78	3.27	5.80	0.87	18.66	59.59	18.26	8.73	10.15	4.26	11.08	1.66	24.99	79.13
	L40CS001	3.61	2.07	2.48	1.04	0.96	0.14	4.58	14.88	4.52	2.10	3.24	1.36	1.83	0.27	6.13	19.45
	L40CS002	4.85	2.75	3.24	1.36	1.06	0.16	6.13	19.55	6.07	2.79	4.23	1.78	2.02	0.30	8.21	25.40
	L40CS003	6.98	4.03	3.96	1.66	2.17	0.33	8.87	28.00	8.72	4.09	5.17	2.17	4.14	0.62	11.87	36.78
	L40CS004	8.40	4.80	5.51	2.31	2.17	0.33	10.63	34.15	10.50	4.87	7.19	3.02	4.14	0.62	14.24	44.58
	L40CS005	10.69	6.15	7.38	3.10	3.14	0.47	13.56	44.49	13.36	6.24	9.64	4.05	5.99	0.90	18.16	58.34
	L40FI001	4.68	2.64	2.56	1.07	0.96	0.14	5.91	17.96	5.85	2.68	3.34	1.40	1.83	0.27	7.91	23.28
	L40FI002	5.55	3.12	3.24	1.36	1.06	0.16	7.00	21.49	6.94	3.17	4.23	1.78	2.02	0.30	9.37	27.81
	L40FI003	6.21	3.51	3.96	1.66	1.30	0.20	7.84	24.68	7.76	3.56	5.17	2.17	2.48	0.37	10.49	32.00
	L40FI004	7.26	4.07	4.50	1.89	1.30	0.20	9.15	28.37	9.07	4.13	5.88	2.47	2.48	0.37	12.25	36.65
	L40FI005	7.77	4.47	5.04	2.12	2.27	0.34	9.86	31.87	9.71	4.54	6.58	2.76	4.34	0.65	13.20	41.78
	L40FI006	10.32	6.00	6.66	2.80	3.45	0.52	13.14	42.89	12.90	6.09	8.70	3.65	6.59	0.99	17.59	56.51
	L40FN001	1.95	1.10	1.73	0.73	0.37	0.06	2.46	8.40	2.43	1.11	2.26	0.95	0.70	0.11	3.29	10.85
	L40FN002	2.21	1.25	1.73	0.73	0.45	0.07	2.79	9.23	2.76	1.27	2.26	0.95	0.86	0.13	3.74	11.97
	L40FN003	2.48	1.41	2.16	0.91	0.54	0.08	3.13	10.71	3.10	1.43	2.82	1.18	1.01	0.15	4.19	13.88
	L40FN004	2.62	1.52	2.27	0.95	0.79	0.12	3.33	11.60	3.27	1.54	2.96	1.24	1.49	0.22	4.46	15.18
	L40FU001	6.03	3.41	2.88	1.21	1.30	0.20	7.61	22.64	7.53	3.46	3.76	1.58	2.48	0.37	10.19	29.37
	L40FU002	7.10	3.98	3.67	1.54	1.30	0.20	8.95	26.74	8.87	4.04	4.79	2.01	2.48	0.37	11.98	34.54
	L40FU003	8.86	5.04	5.04	2.12	2.17	0.33	11.21	34.77	11.07	5.12	6.58	2.76	4.14	0.62	15.01	45.30
	L40FU004	10.48	5.91	5.76	2.42	2.17	0.33	13.23	40.30	13.10	6.00	7.52	3.16	4.14	0.62	17.71	52.25
	L40FU005	14.21	8.16	7.81	3.28	3.96	0.59	18.03	56.04	17.77	8.28	10.20	4.28	7.56	1.13	24.14	73.36
	L40ID001	4.77	2.69	2.88	1.21	0.96	0.14	6.02	18.67	5.96	2.73	3.76	1.58	1.83	0.27	8.06	24.19
	L40ID002	5.88	3.33	3.78	1.59	1.30	0.20	7.43	23.51	7.35	3.38	4.94	2.07	2.48	0.37	9.95	30.54
	L40ID003	7.05	3.96	4.32	1.81	1.30	0.20	8.88	27.52	8.81	4.01	5.64	2.37	2.48	0.37	11.89	35.57
	L40ID004	10.28	5.81	5.94	2.49	2.17	0.33	12.99	40.01	12.86	5.90	7.76	3.26	4.14	0.62	17.39	51.93
	L40ID005	14.08	8.06	7.38	3.10	3.78	0.57	17.84	54.81	17.60	8.18	9.64	4.05	7.22	1.08	23.89	71.66
	L40JD001	4.47	2.53	2.70	1.13	0.96	0.14	5.64	17.57	5.59	2.56	3.53	1.48	1.83	0.27	7.56	22.82
	L40JD002	5.04	2.85	3.42	1.44	1.06	0.16	6.37	20.34	6.30	2.89	4.47	1.88	2.02	0.30	8.52	26.38
	L40JD003	6.00	3.36	4.14	1.74	1.06	0.16	7.56	24.02	7.50	3.41	5.41	2.27	2.02	0.30	10.12	31.03
	L40JD004	8.51	4.83	5.76	2.42	1.95	0.29	10.76	34.52	10.64	4.90	7.52	3.16	3.73	0.56	14.41	44.92
	L40KA001	6.63	3.73	3.89	1.63	1.30	0.20	8.36	25.74	8.29	3.79	5.08	2.13	2.48	0.37	11.20	33.34
	L40KA002	9.10	5.17	5.69	2.39	2.17	0.33	11.51	36.36	11.38	5.25	7.43	3.12	4.14	0.62	15.41	47.35
	L40KA003	9.79	5.56	5.94	2.49	2.27	0.34	12.38	38.77	12.24	5.64	7.76	3.26	4.34	0.65	16.58	50.47
	L40MC001	4.61	2.62	2.66	1.12	0.85	0.13	5.83	17.82	5.77	2.66	3.48	1.46	1.55	0.23	7.81	22.96
	L40MC002	6.79	3.79	2.95	1.24	0.85	0.13	8.54	24.29	8.49	3.84	3.85	1.62	1.55	0.23	11.44	31.02
	L40MC003	8.06	4.50	3.96	1.66	1.04	0.16	10.14	29.52	10.08	4.57	5.17	2.17	1.91	0.29	13.58	37.77

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
L40																	
	L40MC004	10.30	5.82	5.22	2.19	1.73	0.26	13.01	38.53	12.88	5.91	6.82	2.86	3.18	0.48	17.42	49.55
	L40MC005	12.65	7.25	6.84	2.87	2.76	0.41	16.04	48.82	15.82	7.36	8.93	3.75	5.06	0.76	21.48	63.16
	L40MC006	15.49	8.77	7.31	3.07	2.76	0.41	19.57	57.38	19.36	8.90	9.54	4.01	5.06	0.76	26.21	73.84
	L40MF001	2.69	1.51	1.62	0.68	0.43	0.06	3.39	10.38	3.37	1.53	2.12	0.89	0.80	0.12	4.54	13.37
	L40MF002	3.01	1.70	2.34	0.98	0.54	0.08	3.80	12.45	3.77	1.72	3.06	1.28	1.02	0.15	5.09	16.09
	L40MF003	3.20	1.82	2.66	1.12	0.69	0.10	4.05	13.64	4.00	1.85	3.48	1.46	1.29	0.19	5.42	17.69
	L40MI001	2.47	1.40	0.94	0.39	0.58	0.09	3.13	9.00	3.09	1.43	1.22	0.51	1.11	0.17	4.19	11.72
	L40MI002	3.65	2.09	1.80	0.76	0.96	0.14	4.63	14.03	4.57	2.12	2.35	0.99	1.83	0.27	6.20	18.33
	L40MI003	3.98	2.26	1.98	0.83	0.96	0.14	5.04	15.19	4.98	2.30	2.59	1.09	1.83	0.27	6.74	19.80
	L40TE001	9.79	5.69	5.76	2.42	3.29	0.49	12.47	39.91	12.24	5.78	7.52	3.16	6.27	0.94	16.69	52.60
	L40TR001	5.60	3.18	3.35	1.41	1.30	0.20	7.08	22.12	6.99	3.22	4.37	1.84	2.48	0.37	9.47	28.74
	L40TR002	5.75	3.26	3.96	1.66	1.30	0.20	7.27	23.40	7.19	3.31	5.17	2.17	2.48	0.37	9.73	30.42
	L40TR003	6.80	3.82	4.28	1.80	1.30	0.20	8.58	26.78	8.50	3.88	5.59	2.35	2.48	0.37	11.49	34.66
	L40TR004	8.60	4.90	6.16	2.59	2.17	0.33	10.88	35.63	10.75	4.98	8.04	3.38	4.14	0.62	14.57	46.48
	L40TR005	10.20	5.93	6.66	2.80	3.45	0.52	12.98	42.54	12.75	6.02	8.70	3.65	6.59	0.99	17.38	56.08
	L40CA007	18.62	10.36	9.72	2.92	7.19	1.08	20.50	70.39	22.35	10.50	12.69	3.81	13.73	2.06	26.35	91.49
	L40CA008	27.36	15.55	13.50	4.05	9.76	1.46	30.21	101.89	32.83	15.75	17.63	5.29	18.63	2.79	38.84	131.76
	L40CA009	54.34	31.54	24.84	7.45	23.86	3.58	60.25	205.86	65.21	31.95	32.43	9.73	45.55	6.83	77.44	269.14
	L40FI007	13.93	7.94	8.28	2.48	7.19	1.08	15.40	56.30	16.72	8.04	10.81	3.24	13.73	2.06	19.79	74.39
	L40FI008	21.63	12.08	12.60	3.78	8.78	1.32	23.82	84.01	25.96	12.24	16.45	4.94	16.76	2.51	30.62	109.48
	L40ID006	19.74	10.94	11.34	3.40	7.19	1.08	21.71	75.40	23.69	11.08	14.81	4.44	13.73	2.06	27.90	97.71
	L40ID007	28.40	15.57	14.94	4.48	8.78	1.32	31.17	104.66	34.07	15.77	19.51	5.85	16.76	2.51	40.07	134.54
	L40ID008	50.57	28.22	21.24	6.37	14.52	2.18	55.68	178.78	60.68	28.59	27.73	8.32	27.71	4.16	71.57	228.76
	L40ID009	112.68	63.01	39.60	11.88	33.17	4.98	124.12	389.44	135.22	63.82	51.70	15.51	63.32	9.50	159.54	498.61
	L40JD005	13.54	7.74	9.36	2.81	7.19	1.08	14.97	56.69	16.24	7.84	12.22	3.67	13.73	2.06	19.24	75.00
	L40KA004	12.77	7.01	8.14	2.44	3.96	0.59	14.02	48.93	15.33	7.10	10.62	3.19	7.56	1.13	18.03	62.96
	L40KA005	16.87	9.46	11.16	3.35	7.19	1.08	18.59	67.70	20.24	9.58	14.57	4.37	13.73	2.06	23.89	88.44
	L40KA006	26.02	14.62	13.79	4.14	8.14	1.22	28.69	96.62	31.23	14.81	18.00	5.40	15.54	2.33	36.88	124.19
	L40MC007	16.12	9.07	9.07	2.72	5.75	0.86	17.77	61.36	19.34	9.19	11.84	3.55	10.55	1.58	22.84	78.89
	L40MC008	18.41	10.56	10.44	3.13	5.77	0.87	20.37	69.55	22.10	10.69	13.63	4.09	10.58	1.59	26.18	88.86
	L40MC009	27.69	15.42	12.96	3.89	6.21	0.93	30.48	97.58	33.22	15.62	16.92	5.08	11.39	1.71	39.17	123.11
	L40MC010	29.80	16.81	15.01	4.50	7.81	1.17	32.87	107.97	35.76	17.02	19.60	5.88	14.32	2.15	42.25	136.98
	L40MC011	50.26	29.43	23.40	7.02	19.09	2.86	55.80	187.86	60.31	29.81	30.55	9.17	34.99	5.25	71.73	241.81
	L40MC012	55.20	31.98	24.44	7.33	19.09	2.86	61.18	202.08	66.24	32.39	31.91	9.57	34.99	5.25	78.64	258.99
	L40TE002	13.79	7.48	8.89	2.67	3.45	0.52	15.11	51.91	16.55	7.57	11.61	3.48	6.59	0.99	19.42	66.21
	L40TE003	18.80	10.45	11.34	3.40	7.19	1.08	20.69	72.95	22.56	10.59	14.81	4.44	13.73	2.06	26.59	94.78
	L40TE004	24.43	13.80	13.97	4.19	8.14	1.22	26.96	92.71	29.32	13.98	18.24	5.47	15.54	2.33	34.65	119.53
	L40TE005	28.56	16.17	16.56	4.97	9.76	1.46	31.53	109.01	34.28	16.38	21.62	6.49	18.63	2.79	40.53	140.72
	L40TR006	12.54	6.88	8.32	2.49	3.96	0.59	13.77	48.55	15.05	6.97	10.86	3.26	7.56	1.13	17.70	62.53
	L40TR007	16.93	9.49	10.58	3.18	7.19	1.08	18.65	67.10	20.31	9.61	13.82	4.15	13.73	2.06	23.98	87.66
	L40TR008	22.20	12.56	14.40	4.32	7.56	1.13	24.50	86.67	26.63	12.72	18.80	5.64	14.43	2.16	31.49	111.87

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
L40																	
	L40ME001	0.80	0.30	1.65	0.53	0.13	0.02	1.00	4.43								
	L40ME002	1.22	0.45	0.59	0.25	0.13	0.02	1.52	4.18								
	L40ME003	1.58	0.57	0.86	0.36	0.10	0.02	1.97	5.46								
	L40ME004	1.53	0.56	3.29	1.05	0.12	0.02	1.90	8.47								
	L40ME005	1.84	0.67	1.09	0.46	0.12	0.02	2.29	6.49								
	L40ME006	1.99	0.72	3.50	1.12	0.12	0.02	2.48	9.95								
	L40ME007	2.13	0.77	1.40	0.59	0.12	0.02	2.66	7.69								
	L40ME008	2.68	0.99	2.11	0.88	0.39	0.06	3.35	10.46								
	L40ME009	3.39	1.25	2.89	1.21	0.43	0.06	4.24	13.47								
	L40ME010	4.78	1.83	3.04	1.28	1.26	0.19	6.01	18.39								
	L40ME011	4.87	1.87	3.20	1.34	1.26	0.19	6.12	18.85								
	L40CA010	5.16	2.90	2.34	0.98	0.96	0.14	6.96	19.44	6.45	2.94	3.06	1.28	1.83	0.27	9.28	25.11
	L40CA011	6.57	3.67	3.42	1.44	1.06	0.16	8.86	25.18	8.22	3.72	4.47	1.88	2.02	0.30	11.82	32.43
	L40CA012	7.43	4.13	3.96	1.66	1.06	0.16	10.00	28.40	9.28	4.19	5.17	2.17	2.02	0.30	13.33	36.46
	L40MC013	21.64	11.92	9.07	2.72	5.75	0.86	25.47	77.43	25.97	12.07	11.84	3.55	10.55	1.58	32.59	98.15
L45																	
	L45CA001	6.31	3.04	2.61	0.99	0.00	0.00	13.99	26.94	7.89	3.09	3.42	1.30	0.00	0.00	18.14	33.84
L50																	
	L50CA001	4.07	2.28	2.23	0.71	0.58	0.09	5.85	15.81	5.08	2.32	2.91	0.93	0.81	0.12	7.78	19.95
	L50CA002	4.55	2.54	2.52	0.81	0.58	0.09	6.55	17.64	5.69	2.58	3.29	1.05	0.81	0.12	8.70	22.24
	L50CA003	4.78	2.68	2.77	0.89	0.69	0.10	6.88	18.79	5.97	2.72	3.62	1.16	0.97	0.15	9.14	23.73
	L50CS001	2.80	1.57	2.27	0.73	0.43	0.06	4.03	11.89	3.50	1.60	2.96	0.95	0.60	0.09	5.36	15.06
	L50CS002	3.75	2.11	2.27	0.73	0.59	0.09	5.40	14.94	4.69	2.14	2.96	0.95	0.82	0.12	7.18	18.86
	L50CS003	6.04	3.37	3.24	1.04	0.75	0.11	8.68	23.23	7.55	3.42	4.23	1.35	1.05	0.16	11.54	29.30
	L50CS004	6.80	3.81	4.03	1.29	0.93	0.14	9.78	26.78	8.50	3.87	5.26	1.68	1.31	0.20	13.00	33.82
	L50FN001	2.87	1.62	1.73	0.55	0.49	0.07	4.15	11.48	3.59	1.65	2.26	0.72	0.70	0.11	5.51	14.54
	L50FN002	3.24	1.80	1.73	0.55	0.37	0.06	4.66	12.41	4.05	1.83	2.26	0.72	0.51	0.08	6.19	15.64
	L50FN003	3.41	1.92	2.16	0.69	0.54	0.08	4.91	13.71	4.26	1.95	2.82	0.90	0.76	0.11	6.52	17.32
	L50FN004	3.83	2.15	2.27	0.73	0.53	0.08	5.52	15.11	4.79	2.18	2.96	0.95	0.75	0.11	7.33	19.07
	L50FN005	4.25	2.39	2.59	0.83	0.68	0.10	6.12	16.96	5.31	2.43	3.38	1.08	0.95	0.14	8.14	21.43
	L50FN006	6.11	3.40	3.60	1.15	0.69	0.10	8.78	23.83	7.64	3.45	4.70	1.50	0.97	0.15	11.67	30.08
	L50JD001	3.25	1.83	2.34	0.75	0.52	0.08	4.68	13.45	4.06	1.86	3.06	0.98	0.73	0.11	6.22	17.02
	L50JD002	3.89	2.19	2.70	0.86	0.60	0.09	5.60	15.93	4.86	2.22	3.53	1.13	0.85	0.13	7.44	20.16
	L50JD003	4.64	2.61	3.06	0.98	0.69	0.10	6.69	18.77	5.80	2.65	4.00	1.28	0.96	0.14	8.89	23.72
	L50JD004	5.22	2.93	3.42	1.09	0.75	0.11	7.51	21.03	6.52	2.97	4.47	1.43	1.05	0.16	9.99	26.59
	L50JD005	6.55	3.71	3.60	1.15	1.18	0.18	9.46	25.83	8.19	3.77	4.70	1.50	1.66	0.25	12.57	32.64
	L50MF001	4.02	2.24	2.34	0.75	0.47	0.07	5.77	15.66	5.02	2.27	3.06	0.98	0.65	0.10	7.67	19.75
	L50MF002	4.10	2.28	2.66	0.85	0.47	0.07	5.89	16.32	5.13	2.32	3.48	1.11	0.65	0.10	7.83	20.62
	L50MF003	4.51	2.54	2.66	0.85	0.69	0.10	6.50	17.85	5.64	2.58	3.48	1.11	0.97	0.15	8.64	22.57
L55																	
	L55KN001	0.81	0.25	0.00	0.52	0.00	0.00	1.35	2.93								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
L55																	
	L55KN002	1.65	0.50	0.00	1.06	0.00	0.00	2.76	5.97								
	L55KN003	3.38	1.03	0.00	2.01	0.00	0.00	5.68	12.10								
	L55KN004	0.70	0.21	0.00	0.25	0.00	0.00	1.17	2.33								
	L55KN005	1.37	0.42	0.00	0.37	0.00	0.00	2.31	4.47								
L60																	
	L60CA001	6.58	3.09	3.42	0.96	2.08	0.31	8.14	24.58	8.23	3.15	4.47	1.25	4.37	0.66	10.81	32.94
	L60CA002	7.95	3.68	3.42	0.96	2.08	0.31	9.80	28.20	9.93	3.75	4.47	1.25	4.37	0.66	13.02	37.45
	L60CA003	7.63	3.54	4.32	1.21	2.08	0.31	9.42	28.51	9.54	3.62	5.64	1.58	4.37	0.66	12.51	37.92
	L60CA004	9.57	4.38	4.68	1.31	2.08	0.31	11.79	34.12	11.96	4.47	6.11	1.71	4.37	0.66	15.65	44.93
	L60CA005	10.67	5.04	6.30	1.76	3.70	0.56	13.21	41.24	13.33	5.14	8.23	2.30	7.76	1.16	17.54	55.46
	L60CA006	10.53	4.90	4.68	1.31	2.99	0.45	13.00	37.86	13.16	5.00	6.11	1.71	6.27	0.94	17.26	50.45
	L60CA007	24.69	10.71	4.86	1.36	0.00	0.00	30.14	71.76	30.86	10.93	6.35	1.78	0.00	0.00	40.02	89.94
	L60JD001	6.72	3.08	3.60	1.01	1.50	0.23	8.28	24.42	8.40	3.14	4.70	1.32	3.14	0.47	10.99	32.16
	L60JD002	7.03	3.46	4.32	1.21	3.70	0.56	8.76	29.04	8.79	3.53	5.64	1.58	7.76	1.16	11.64	40.10
	L60JD003	7.49	3.42	3.60	1.01	1.50	0.23	9.22	26.47	9.37	3.49	4.70	1.32	3.14	0.47	12.24	34.73
	L60JD004	8.11	3.93	4.32	1.21	3.70	0.56	10.08	31.91	10.14	4.01	5.64	1.58	7.76	1.16	13.39	43.68
	L60JD005	10.97	5.62	5.69	1.59	7.79	1.17	13.78	46.61	13.72	5.74	7.43	2.08	16.32	2.45	18.30	66.04
	L60JD006	9.44	4.50	5.22	1.46	3.70	0.56	11.70	36.58	11.79	4.60	6.82	1.91	7.76	1.16	15.54	49.58
	L60RN001	6.84	3.13	3.74	1.05	1.20	0.18	8.42	24.56	8.55	3.20	4.89	1.37	2.44	0.37	11.18	32.00
	L60RN002	7.44	3.64	4.75	1.33	2.97	0.45	9.26	29.84	9.30	3.71	6.20	1.74	6.02	0.90	12.30	40.17
	L60RN003	8.67	4.17	5.72	1.60	2.97	0.45	10.77	34.35	10.84	4.26	7.47	2.09	6.02	0.90	14.30	45.88
	L60RN004	10.10	5.55	7.81	2.19	8.44	1.27	12.85	48.21	12.63	5.66	10.20	2.86	17.14	2.57	17.06	68.12
P10																	
	P10IC001	8.66	3.65	5.58	1.79	0.00	0.00	14.66	34.34								
	P10IC002	14.06	5.92	9.00	2.88	0.00	0.00	23.80	55.66								
	P10IC003	15.89	6.69	9.00	2.88	0.00	0.00	26.89	61.35								
	P10IC004	22.21	9.35	18.11	5.79	0.00	0.00	37.60	93.06								
	P10IC005	35.86	15.09	23.40	7.49	0.00	0.00	60.70	142.54								
	P10XX001	1.46	0.61	0.00	1.00	0.00	0.00	2.47	5.54								
	P10XX002	1.79	0.75	0.00	2.00	0.00	0.00	3.04	7.58								
	P10XX003	2.99	1.26	0.00	3.00	0.00	0.00	5.07	12.32								
P20																	
	P20IC001	4.68	1.97	0.83	0.26	0.00	0.00	10.89	18.63								
	P20IC002	7.50	3.16	1.80	0.58	0.00	0.00	17.46	30.50								
	P20IC003	8.22	3.46	2.74	0.88	0.00	0.00	19.14	34.44								
	P20IC004	8.70	3.66	3.24	1.04	0.00	0.00	20.24	36.88								
	P20IC005	12.13	5.11	4.79	1.53	0.00	0.00	28.24	51.80								
	P20IC006	13.49	5.68	4.90	1.57	0.00	0.00	31.41	57.05								
	P20MK001	5.38	2.26	0.00	0.32	0.00	0.00	12.52	20.48								
	P20MK002	1.65	0.70	0.00	0.25	0.00	0.00	3.85	6.45								
	P20MK003	2.12	0.89	0.00	0.34	0.00	0.00	4.92	8.27								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
P20																	
	P20MK004	2.64	1.11	0.00	0.45	0.00	0.00	6.14	10.34								
	P20MK005	4.68	1.97	0.00	0.51	0.00	0.00	10.90	18.06								
	P20MK006	4.95	2.08	0.00	0.66	0.00	0.00	11.51	19.20								
	P20MK007	5.71	2.40	0.00	0.66	0.00	0.00	13.28	22.05								
	P20VU001	6.17	2.60	0.00	0.68	0.00	0.00	14.36	23.81								
	P20VU002	7.01	2.95	0.00	0.80	0.00	0.00	16.31	27.07								
	P20VU003	7.57	3.19	0.00	0.95	0.00	0.00	17.63	29.34								
	P20VU004	9.29	3.91	0.00	1.12	0.00	0.00	21.63	35.95								
	P20VU005	11.41	4.80	0.00	1.17	0.00	0.00	26.56	43.94								
	P20VU006	16.22	6.83	0.00	1.39	0.00	0.00	37.75	62.19								
P25																	
	P25MK001	5.95	2.51	0.00	0.32	0.00	0.00	12.60	21.38								
	P25MK002	6.88	2.89	0.00	0.51	0.00	0.00	14.55	24.83								
	P25MK003	9.43	3.97	0.00	0.61	0.00	0.00	19.96	33.97								
	P25VU001	4.53	1.91	0.00	0.45	0.00	0.00	9.58	16.47								
	P25VU002	5.36	2.26	0.00	0.51	0.00	0.00	11.34	19.47								
	P25VU003	6.55	2.76	0.00	0.61	0.00	0.00	13.86	23.78								
	P25VU004	6.95	2.93	0.00	0.75	0.00	0.00	14.71	25.34								
	P25VU005	7.83	3.30	0.00	0.65	0.00	0.00	16.57	28.35								
	P25VU006	9.49	3.99	0.00	0.95	0.00	0.00	20.08	34.51								
	P25VU007	10.54	4.43	0.00	0.95	0.00	0.00	22.29	38.21								
	P25VU008	13.85	5.83	0.00	1.17	0.00	0.00	29.30	50.15								
	P25VU009	15.59	6.56	0.00	1.28	0.00	0.00	32.99	56.42								
P30																	
	P30MK001	8.77	3.69	4.07	1.30	0.00	0.00	18.55	36.38								
	P30MK002	16.90	7.11	10.08	3.23	0.00	0.00	35.76	73.08								
	P30MK003	20.36	8.57	12.60	4.03	0.00	0.00	43.07	88.63								
	P30MK004	26.38	11.10	19.80	6.34	0.00	0.00	55.81	119.43								
	P30MK005	29.63	12.47	23.40	7.49	0.00	0.00	62.68	135.67								
P35																	
	P35CA001	9.77	6.24	2.10	0.84	0.00	0.00	18.25	37.20	11.73	6.30	2.63	1.05	0.00	0.00	24.00	45.71
	P35CA002	15.51	9.90	4.00	1.60	0.00	0.00	28.98	59.99	18.62	10.00	5.00	2.00	0.00	0.00	38.10	73.72
	P35CA003	16.85	10.75	4.00	1.60	0.00	0.00	31.47	64.67	20.22	10.86	5.00	2.00	0.00	0.00	41.38	79.46
	P35CA004	22.30	14.23	6.00	2.40	0.00	0.00	41.65	86.58	26.76	14.38	7.50	3.00	0.00	0.00	54.76	106.40
P40																	
	P40GV001	2.99	1.25	1.71	0.55	0.27	0.04	4.22	11.03								
	P40GV002	3.29	1.37	2.23	0.71	0.28	0.04	4.64	12.56								
	P40GV003	4.21	1.74	2.23	0.71	0.28	0.04	5.93	15.14								
	P40GV004	6.92	2.81	2.23	1.31	0.20	0.03	9.71	23.21								
	P40GV005	9.91	4.30	4.61	2.23	1.58	0.24	14.11	36.98								
	P40GV006	12.17	5.15	4.61	2.08	1.32	0.20	17.23	42.76								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
P40																	
	P40GV007	14.90	6.21	4.61	2.08	1.18	0.18	21.02	50.18								
	P40GV008	21.04	8.66	4.61	2.18	1.18	0.18	29.60	67.45								
	P40GV009	4.88	1.99	1.49	1.08	0.16	0.02	6.85	16.47								
	P40GV010	6.11	2.48	2.45	1.39	0.16	0.02	8.56	21.17								
	P40GV011	10.88	4.46	3.94	1.86	0.57	0.09	15.29	37.09								
	P40RE001	7.05	2.86	12.27	4.43	0.19	0.03	9.89	36.72								
P45																	
	P45CG001	0.31	0.11	0.00	0.05	0.00	0.00	0.49	0.96								
	P45CG002	0.55	0.20	0.00	0.10	0.00	0.00	0.86	1.71								
	P45CG003	1.47	0.52	0.00	0.15	0.00	0.00	2.30	4.44								
	P45CG004	2.64	0.94	0.00	0.31	0.00	0.00	4.15	8.04								
	P45CG005	2.84	1.02	1.17	0.33	0.04	0.01	4.46	9.87								
P50																	
	P50HO001	0.11	0.05	0.66	0.21	0.00	0.00	0.18	1.21								
	P50HO002	0.18	0.08	0.30	0.11	0.00	0.00	0.29	0.96								
	P50HO003	0.13	0.06	1.06	0.34	0.00	0.00	0.22	1.81								
	P50HO004	0.28	0.12	0.40	0.15	0.00	0.00	0.45	1.40								
	P50HO005	0.29	0.13	2.13	0.68	0.00	0.00	0.47	3.70								
	P50WC001	0.10	0.05	0.66	0.21	0.00	0.00	0.17	1.19								
	P50WC002	0.13	0.06	1.06	0.34	0.00	0.00	0.21	1.80								
	P50WC003	0.52	0.23	0.60	0.23	0.00	0.00	0.84	2.42								
	P50WC004	1.22	0.53	1.75	0.67	0.00	0.00	1.98	6.15								
P55																	
	P55GR001	0.15	0.08	0.14	0.06	0.00	0.00	0.16	0.59								
	P55GR002	0.20	0.11	0.36	0.16	0.00	0.00	0.22	1.05								
	P55GR003	0.80	0.43	1.80	0.81	0.00	0.00	0.86	4.70								
	P55GR004	1.01	0.55	4.32	1.94	0.00	0.00	1.10	8.92								
	P55ML001	0.11	0.06	0.07	0.03	0.00	0.00	0.12	0.39								
	P55ML002	0.15	0.08	0.14	0.06	0.00	0.00	0.16	0.59								
	P55ML003	0.21	0.11	0.58	0.26	0.00	0.00	0.22	1.38								
	P55WC001	0.22	0.12	0.22	0.39	0.00	0.00	0.24	1.19								
	P55WC002	0.27	0.14	0.43	0.54	0.00	0.00	0.29	1.67								
	P55WC003	0.28	0.15	0.79	0.73	0.00	0.00	0.31	2.26								
P60																	
	P60HO001	0.05	0.02	0.40	0.13	0.00	0.00	0.08	0.68								
	P60HO002	0.07	0.03	0.40	0.13	0.00	0.00	0.11	0.74								
	P60HO003	0.12	0.05	1.06	0.34	0.00	0.00	0.19	1.76								
	P60ML001	1.01	0.45	5.05	1.62	0.00	0.00	1.65	9.78								
	P60ML002	1.07	0.47	1.50	0.57	0.00	0.00	1.74	5.35								
	P60ML003	1.53	0.67	10.51	3.36	0.00	0.00	2.48	18.55								
	P60ML004	1.97	0.86	3.00	1.14	0.00	0.00	3.20	10.17								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
P60																	
	P60ML005	2.54	1.11	3.50	1.33	0.00	0.00	4.12	12.60								
	P60ML006	2.64	1.16	3.40	1.29	0.00	0.00	4.28	12.77								
P65																	
	P65HO001	0.11	0.05	0.40	0.13	0.00	0.00	0.17	0.86								
	P65HO002	0.13	0.06	0.40	0.13	0.00	0.00	0.21	0.93								
P70																	
	P70AD001	0.10	0.04	0.27	0.09	0.00	0.00	0.14	0.64								
R10																	
	R10CA001	0.35	0.14	0.00	0.08	0.00	0.00	0.52	1.09	0.43	0.14	0.00	0.08	0.00	0.00	0.71	1.36
	R10CA002	0.02	0.01	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.04	0.08
	R10CA003	0.65	0.25	0.00	0.08	0.00	0.00	0.97	1.95	0.80	0.26	0.00	0.08	0.00	0.00	1.32	2.46
	R10CA004	0.04	0.02	0.00	0.00	0.00	0.00	0.06	0.12	0.05	0.02	0.00	0.00	0.00	0.00	0.08	0.15
	R10CA005	1.05	0.41	0.00	0.08	0.00	0.00	1.57	3.11	1.30	0.42	0.00	0.08	0.00	0.00	2.15	3.95
	R10CA006	0.08	0.03	0.00	0.00	0.00	0.00	0.12	0.23	0.09	0.03	0.00	0.00	0.00	0.00	0.16	0.28
	R10CA007	1.47	0.58	0.00	0.08	0.00	0.00	2.19	4.32	1.81	0.59	0.00	0.08	0.00	0.00	2.99	5.47
	R10CA008	0.08	0.03	0.00	0.00	0.00	0.00	0.12	0.23	0.09	0.03	0.00	0.00	0.00	0.00	0.16	0.28
	R10CA009	2.42	0.95	0.00	0.08	0.00	0.00	3.61	7.06	2.97	0.97	0.00	0.08	0.00	0.00	4.94	8.96
	R10CA010	0.13	0.05	0.00	0.00	0.00	0.00	0.20	0.38	0.16	0.05	0.00	0.00	0.00	0.00	0.27	0.48
	R10CA011	3.99	1.57	0.00	0.10	0.00	0.00	5.96	11.62	4.91	1.60	0.00	0.10	0.00	0.00	8.14	14.75
	R10CA012	3.95	1.55	0.00	0.10	0.00	0.00	5.91	11.51	4.87	1.59	0.00	0.10	0.00	0.00	8.07	14.63
	R10CA013	0.26	0.10	0.00	0.00	0.00	0.00	0.38	0.74	0.32	0.10	0.00	0.00	0.00	0.00	0.52	0.94
	R10CA014	4.47	1.76	0.00	0.16	0.00	0.00	6.68	13.07	5.50	1.79	0.00	0.16	0.00	0.00	9.13	16.58
	R10CA015	4.27	1.68	0.00	0.16	0.00	0.00	6.37	12.48	5.25	1.71	0.00	0.16	0.00	0.00	8.71	15.83
	R10CA016	0.28	0.11	0.00	0.00	0.00	0.00	0.41	0.80	0.34	0.11	0.00	0.00	0.00	0.00	0.56	1.01
	R10CA017	6.29	2.47	0.00	0.21	0.00	0.00	9.40	18.37	7.74	2.53	0.00	0.21	0.00	0.00	12.85	23.33
	R10CA018	6.40	2.52	0.00	0.22	0.00	0.00	9.56	18.70	7.88	2.57	0.00	0.22	0.00	0.00	13.07	23.74
	R10CA019	0.45	0.18	0.00	0.00	0.00	0.00	0.67	1.30	0.55	0.18	0.00	0.00	0.00	0.00	0.92	1.65
	R10CA020	8.41	3.31	0.00	0.23	0.00	0.00	12.56	24.51	10.35	3.38	0.00	0.23	0.00	0.00	17.17	31.13
	R10CA021	7.96	3.13	0.00	0.25	0.00	0.00	11.89	23.23	9.80	3.20	0.00	0.25	0.00	0.00	16.26	29.51
	R10CA022	0.51	0.20	0.00	0.00	0.00	0.00	0.76	1.47	0.63	0.20	0.00	0.00	0.00	0.00	1.04	1.87
	R10FI001	2.42	0.95	0.00	0.09	0.00	0.00	3.61	7.07	2.98	0.97	0.00	0.09	0.00	0.00	4.94	8.98
	R10FI002	3.94	1.55	0.00	0.10	0.00	0.00	5.88	11.47	4.85	1.58	0.00	0.10	0.00	0.00	8.04	14.57
	R10FI003	4.87	1.91	0.00	0.10	0.00	0.00	7.27	14.15	5.99	1.95	0.00	0.10	0.00	0.00	9.94	17.98
	R10FI004	5.11	2.01	0.00	0.20	0.00	0.00	7.63	14.95	6.28	2.05	0.00	0.20	0.00	0.00	10.42	18.95
	R10FI005	6.37	2.50	0.00	0.20	0.00	0.00	9.51	18.58	7.84	2.56	0.00	0.20	0.00	0.00	13.00	23.60
	R10FI006	6.30	2.48	0.00	0.28	0.00	0.00	9.42	18.48	7.76	2.53	0.00	0.28	0.00	0.00	12.87	23.44
R15																	
	R15SO001	6.16	3.75	0.00	0.40	2.39	0.36	7.43	20.49								
	R15SO002	6.49	4.14	0.00	0.45	3.10	0.47	7.92	22.57								
	R15SO003	9.63	5.77	0.00	0.67	3.47	0.52	11.57	31.63								
R30																	

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
R30																	
	R30BO001	4.03	1.70	2.63	0.63	0.64	0.10	4.67	14.40								
	R30BO002	8.27	3.47	3.71	0.89	1.25	0.19	9.59	27.37								
	R30BO003	8.92	3.73	3.71	0.89	1.25	0.19	10.34	29.03								
	R30CA001	5.50	2.30	2.77	0.67	0.87	0.13	6.38	18.62								
	R30CA002	5.74	2.37	2.77	0.67	0.72	0.11	6.63	19.01								
	R30FR001	4.45	1.86	3.06	0.73	0.63	0.09	5.16	15.98								
	R30FR002	5.02	2.09	3.06	0.73	0.63	0.09	5.81	17.43								
	R30FR003	5.84	2.43	3.06	0.73	0.79	0.12	6.76	19.73								
	R30FR004	9.53	4.01	4.36	1.05	1.47	0.22	11.06	31.70								
	R30HY001	4.91	2.04	2.92	0.70	0.63	0.09	5.68	16.97								
	R30IG001	3.72	1.58	2.74	0.66	0.63	0.09	4.32	13.74								
	R30IG002	4.44	1.86	2.74	0.66	0.63	0.09	5.14	15.56								
	R30IG003	4.64	1.96	2.88	0.69	0.79	0.12	5.39	16.47								
	R30IG004	4.79	2.05	2.88	0.69	0.92	0.14	5.58	17.05								
	R30IG005	8.90	3.79	4.14	0.99	1.63	0.24	10.35	30.04								
	R30IG006	9.43	4.00	5.65	1.36	1.63	0.24	10.96	33.27								
	R30IN001	4.51	1.89	2.74	0.66	0.66	0.10	5.23	15.79								
	R30IN002	5.86	2.42	3.13	0.75	0.66	0.10	6.77	19.69								
	R30FR005	2.86	1.38	1.80	0.43	0.00	0.00	3.74	10.21								
	R30FR006	3.39	1.63	1.80	0.43	0.00	0.00	4.43	11.68								
	R30FR007	5.03	2.42	3.06	0.73	0.00	0.00	6.56	17.80								
	R30FR008	5.29	2.54	3.06	0.73	0.00	0.00	6.90	18.52								
	R30FR009	5.55	2.67	3.06	0.73	0.00	0.00	7.24	19.25								
	R30FR010	5.82	2.80	3.06	0.73	0.00	0.00	7.60	20.01								
	R30HY002	3.22	1.55	1.73	0.41	0.00	0.00	4.21	11.12								
	R30HY003	3.81	1.83	1.73	0.41	0.00	0.00	4.97	12.75								
	R30HY004	4.71	2.26	2.88	0.69	0.00	0.00	6.14	16.68								
	R30HY005	5.04	2.42	2.88	0.69	0.00	0.00	6.58	17.61								
	R30HY006	5.61	2.70	2.88	0.69	0.00	0.00	7.33	19.21								
	R30HY007	5.98	2.88	2.88	0.69	0.00	0.00	7.81	20.24								
	R30ID001	3.15	1.51	1.58	0.38	0.00	0.00	4.11	10.73								
	R30ID002	3.80	1.82	1.58	0.38	0.00	0.00	4.96	12.54								
	R30ID003	5.07	2.44	3.13	0.75	0.00	0.00	6.62	18.01								
	R30ID004	5.44	2.62	3.13	0.75	0.00	0.00	7.11	19.05								
	R30ID005	5.78	2.78	3.13	0.75	0.00	0.00	7.54	19.98								
	R30ID006	6.19	2.98	3.13	0.75	0.00	0.00	8.08	21.13								
	R30IG007	5.01	2.41	2.74	0.66	0.00	0.00	6.54	17.36								
	R30IG008	5.22	2.51	2.74	0.66	0.00	0.00	6.81	17.94								
	R30IG009	5.59	2.69	2.74	0.66	0.00	0.00	7.30	18.98								
	R30IG010	2.56	1.23	5.17	1.24	0.00	0.00	3.34	13.54								
	R30IG011	3.18	1.53	5.17	1.24	0.00	0.00	4.15	15.27								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
R30																	
	R30IG012	4.08	1.96	2.88	0.69	0.00	0.00	5.32	14.93								
	R30IG013	4.37	2.10	3.06	0.73	0.00	0.00	5.70	15.96								
	R30IG014	4.77	2.29	2.88	0.69	0.00	0.00	6.23	16.86								
	R30IG015	5.08	2.44	2.88	0.69	0.00	0.00	6.63	17.72								
	R30RS001	0.59	0.28	1.34	0.32	0.00	0.00	0.77	3.30								
	R30RS002	0.83	0.40	1.72	0.41	0.00	0.00	1.09	4.45								
	R30CA003	16.23	7.80	7.56	1.81	0.00	0.00	21.19	54.59								
	R30CA004	16.08	7.73	7.56	1.81	0.00	0.00	20.99	54.17								
	R30CA005	23.92	11.50	11.16	2.68	0.00	0.00	31.22	80.48								
	R30CA006	25.05	12.04	11.16	2.68	0.00	0.00	32.70	83.63								
	R30CA007	25.29	12.16	11.16	2.68	0.00	0.00	33.02	84.31								
R40																	
	R40CA001	2.39	0.94	1.75	0.56	0.00	0.00	3.13	8.77								
	R40CA002	2.18	0.85	1.75	0.56	0.00	0.00	2.85	8.19								
	R40HY001	2.83	1.11	4.79	1.53	0.00	0.00	3.70	13.96								
	R40HY002	3.49	1.37	4.79	1.53	0.00	0.00	4.56	15.74								
	R40HY003	3.45	1.35	1.80	0.58	0.00	0.00	4.50	11.68								
	R40HY004	4.11	1.61	1.80	0.58	0.00	0.00	5.36	13.46								
	R40SO001	12.00	4.69	2.50	0.80	0.00	0.00	15.67	35.66								
	R40SO002	12.61	4.93	3.75	1.20	0.00	0.00	16.47	38.96								
R45																	
	R45BO001	3.57	1.40	1.75	0.56	0.00	0.00	6.40	13.68								
	R45BO002	7.69	3.01	3.70	1.18	0.00	0.00	13.81	29.39								
	R45BO003	9.09	3.55	3.70	1.18	0.00	0.00	16.31	33.83								
	R45BO004	10.01	3.91	5.10	1.63	0.00	0.00	17.96	38.61								
	R45BO005	10.58	4.14	5.10	1.63	0.00	0.00	18.99	40.44								
	R45CA001	2.95	1.16	1.65	0.53	0.00	0.00	5.30	11.59								
	R45CA002	3.48	1.36	1.65	0.53	0.00	0.00	6.24	13.26								
	R45CA003	4.01	1.57	2.75	0.88	0.00	0.00	7.20	16.41								
	R45CA004	8.28	3.24	3.50	1.12	0.00	0.00	14.85	30.99								
	R45CA005	8.17	3.19	4.00	1.28	0.00	0.00	14.66	31.30								
	R45CA006	10.46	4.09	4.55	1.46	0.00	0.00	18.78	39.34								
	R45CA007	10.40	4.07	6.25	2.00	0.00	0.00	18.66	41.38								
	R45CA008	12.62	4.93	7.75	2.48	0.00	0.00	22.64	50.42								
	R45DY001	3.93	1.54	1.55	0.50	0.00	0.00	7.06	14.58								
	R45DY002	9.64	3.77	3.60	1.15	0.00	0.00	17.31	35.47								
	R45DY003	12.01	4.70	6.15	1.97	0.00	0.00	21.55	46.38								
	R45DY004	17.45	6.83	10.50	3.36	0.00	0.00	31.32	69.46								
	R45DY005	16.10	6.29	7.70	2.46	0.00	0.00	28.89	61.44								
	R45HY001	10.30	4.03	6.50	2.08	0.00	0.00	18.49	41.40								
	R45HY002	10.27	4.02	5.10	1.63	0.00	0.00	18.43	39.45								

TABLE 3-5. HOURLY RATE ELEMENT

		AVERAGE CONDITIONS								SEVERE CONDITIONS							
CAT	ID. NO.	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
R45																	
	R45ID001	4.33	1.69	2.05	0.66	0.00	0.00	7.77	16.50								
	R45ID002	5.01	1.96	2.05	0.66	0.00	0.00	8.99	18.67								
	R45ID003	11.35	4.44	6.00	1.92	0.00	0.00	20.38	44.09								
	R45IN001	3.23	1.26	1.55	0.50	0.00	0.00	5.80	12.34								
	R45IN002	3.64	1.42	1.55	0.50	0.00	0.00	6.53	13.64								
	R45IN003	3.99	1.56	1.60	0.51	0.00	0.00	7.17	14.83								
	R45IN004	8.84	3.46	3.50	1.12	0.00	0.00	15.86	32.78								
	R45IN005	10.92	4.27	5.60	1.79	0.00	0.00	19.59	42.17								
	R45IN006	11.14	4.36	5.75	1.84	0.00	0.00	19.99	43.08								
	R45IN007	15.11	5.91	7.80	2.50	0.00	0.00	27.11	58.43								
	R45RS001	1.18	0.46	2.39	0.77	0.00	0.00	2.12	6.92								
	R45RS002	2.70	1.06	1.50	0.48	0.00	0.00	4.85	10.59								
	R45TA001	7.93	3.10	3.90	1.25	0.00	0.00	14.24	30.42								
	R45TA002	9.88	3.86	5.10	1.63	0.00	0.00	17.73	38.20								
R50																	
	R50BO001	7.25	2.88	2.55	0.82	0.25	0.04	11.87	25.66								
	R50BO002	7.17	2.85	3.55	1.14	0.28	0.04	11.73	26.76								
	R50BO003	10.27	4.12	5.95	1.90	0.61	0.09	16.85	39.79								
	R50BO004	14.86	5.92	9.30	2.98	0.61	0.09	24.34	58.10								
	R50CA001	6.21	2.45	3.85	1.23	0.14	0.02	10.15	24.05								
	R50CA002	6.94	2.74	3.85	1.23	0.14	0.02	11.34	26.26								
	R50CA003	6.99	2.78	5.10	1.63	0.28	0.04	11.44	28.26								
	R50CA004	8.82	3.50	5.10	1.63	0.28	0.04	14.43	33.80								
	R50CA005	8.09	3.21	5.10	1.63	0.28	0.04	13.23	31.58								
	R50CA006	9.51	3.83	7.75	2.48	0.67	0.10	15.61	39.95								
	R50CA007	11.54	4.63	7.75	2.48	0.67	0.10	18.93	46.10								
	R50CA008	10.17	4.09	7.75	2.48	0.67	0.10	16.69	41.95								
	R50CA009	10.37	4.17	7.25	2.32	0.67	0.10	17.02	41.90								
	R50CA010	11.54	4.63	7.25	2.32	0.67	0.10	18.92	45.43								
	R50DY001	8.69	3.44	4.90	1.57	0.27	0.04	14.22	33.13								
	R50DY002	9.93	3.92	4.90	1.57	0.25	0.04	16.23	36.84								
	R50DY003	10.42	4.21	7.55	2.42	0.76	0.11	17.12	42.59								
	R50DY004	12.50	5.00	7.55	2.42	0.67	0.10	20.48	48.72								
	R50DY005	12.62	5.05	7.55	2.42	0.67	0.10	20.68	49.09								
	R50HY001	6.65	2.92	4.00	1.28	1.47	0.22	11.13	27.67								
	R50HY002	7.14	3.11	4.00	1.28	1.47	0.22	11.93	29.15								
	R50HY003	7.40	3.21	4.00	1.28	1.47	0.22	12.35	29.93								
	R50HY004	7.76	3.35	4.00	1.28	1.47	0.22	12.94	31.02								
	R50HY005	6.22	2.75	5.35	1.71	1.87	0.28	10.42	28.60								
	R50HY006	7.28	3.16	4.10	1.31	1.87	0.28	12.15	30.15								
	R50HY007	7.66	3.04	5.35	1.71	0.22	0.03	12.54	30.55								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
R50																	
	R50HY008	8.25	3.28	5.35	1.71	0.25	0.04	13.50	32.38								
	R50HY009	9.82	3.95	7.25	2.32	0.61	0.09	16.12	40.16								
	R50HY010	10.74	4.30	7.25	2.32	0.48	0.07	17.61	42.77								
	R50HY011	11.23	4.50	7.25	2.32	0.61	0.09	18.41	44.41								
	R50HY012	11.61	4.68	7.25	2.32	0.81	0.12	19.06	45.85								
	R50HY013	12.15	4.85	7.25	2.32	0.48	0.07	19.90	47.02								
	R50ID001	8.02	3.19	4.00	1.28	0.28	0.04	13.13	29.94								
	R50ID002	8.75	3.47	4.00	1.28	0.22	0.03	14.31	32.06								
	R50ID003	8.81	3.49	4.00	1.28	0.26	0.04	14.41	32.29								
	R50ID004	9.67	3.83	4.00	1.28	0.22	0.03	15.81	34.84								
	R50ID005	9.73	3.86	6.00	1.92	0.30	0.05	15.92	37.78								
	R50ID006	10.54	4.22	6.00	1.92	0.57	0.09	17.28	40.62								
	R50ID007	10.76	4.26	6.00	1.92	0.24	0.04	17.59	40.81								
	R50ID008	11.40	4.51	6.00	1.92	0.24	0.04	18.64	42.75								
	R50IN001	6.01	2.39	2.70	0.86	0.25	0.04	9.84	22.09								
	R50IN002	6.42	2.55	2.70	0.86	0.25	0.04	10.51	23.33								
	R50TA001	7.00	2.78	3.90	1.25	0.25	0.04	11.46	26.68								
	R50TA002	7.38	2.93	3.90	1.25	0.26	0.04	12.07	27.83								
	R50TA003	7.82	3.10	3.90	1.25	0.25	0.04	12.79	29.15								
	R50TA004	9.47	3.81	6.60	2.11	0.61	0.09	15.54	38.23								
	R50TA005	10.34	4.14	6.60	2.11	0.57	0.09	16.95	40.80								
	R50TA006	10.02	4.02	6.60	2.11	0.61	0.09	16.43	39.88								
	R50TA007	10.77	4.32	6.60	2.11	0.61	0.09	17.66	42.16								
R55																	
	R55AE001	0.99	0.28	0.00	0.50	0.03	0.00	1.25	3.05								
	R55AE002	1.24	0.35	0.00	0.50	0.04	0.01	1.56	3.70								
	R55AE003	1.63	0.47	0.00	0.75	0.09	0.01	2.06	5.01								
	R55AE004	1.97	0.59	0.00	2.00	0.18	0.03	2.51	7.28								
	R55AE005	3.13	0.87	2.04	0.49	0.04	0.01	3.94	10.52								
	R55AE006	3.54	0.99	2.04	0.49	0.05	0.01	4.45	11.57								
	R55AE007	3.96	1.10	2.04	0.49	0.05	0.01	4.99	12.64								
	R55AE008	0.56	0.15	0.71	0.17	0.00	0.00	0.70	2.29								
	R55AE009	0.21	0.06	0.80	0.19	0.00	0.00	0.26	1.52								
	R55AE010	0.36	0.10	1.42	0.34	0.00	0.00	0.45	2.67								
	R55GL001	0.30	0.09	0.00	0.50	0.04	0.01	0.39	1.33								
	R55GL002	0.61	0.18	0.00	0.50	0.04	0.01	0.78	2.12								
	R55GL003	0.89	0.25	0.00	0.75	0.04	0.01	1.13	3.07								
	R55GL004	1.11	0.32	0.00	0.75	0.05	0.01	1.40	3.64								
	R55GL005	3.77	1.04	2.22	0.53	0.00	0.00	4.74	12.30								
	R55GL006	4.52	1.25	2.22	0.53	0.00	0.00	5.68	14.20								
	R55GL007	1.16	0.32	1.60	0.38	0.00	0.00	1.46	4.92								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
R55																	
	R55GL008	0.27	0.07	0.35	0.09	0.00	0.00	0.34	1.12								
	R55GL009	0.21	0.06	0.71	0.17	0.00	0.00	0.26	1.41								
	R55GL010	0.35	0.10	1.42	0.34	0.00	0.00	0.43	2.64								
	R55GL011	0.35	0.10	1.42	0.34	0.00	0.00	0.44	2.65								
S10																	
	S10CA001	13.29	6.79	6.48	2.59	3.06	0.46	16.67	49.34	16.61	6.90	8.40	3.36	5.09	0.76	22.23	63.35
	S10ID001	12.50	6.44	6.11	2.44	3.42	0.51	15.71	47.13	15.63	6.55	7.92	3.17	5.67	0.85	20.94	60.73
	S10JD001	11.70	6.02	6.66	2.66	3.01	0.45	14.70	45.20	14.63	6.12	8.64	3.46	5.00	0.75	19.60	58.20
	S10CA002	21.12	9.81	9.81	3.14	5.58	0.84	21.47	71.77	26.40	10.00	12.72	4.07	9.26	1.39	28.90	92.74
	S10CA003	29.51	13.86	13.51	4.32	9.07	1.36	30.05	101.68	36.89	14.12	17.52	5.61	15.07	2.26	40.46	131.93
	S10FI001	17.24	8.11	8.47	2.71	5.44	0.82	17.56	60.35	21.55	8.26	10.99	3.52	9.03	1.35	23.64	78.34
	S10FI002	26.01	12.14	12.03	3.85	7.33	1.10	26.47	88.93	32.52	12.37	15.60	4.99	12.18	1.83	35.63	115.12
	S10JD002	17.31	8.14	9.81	3.14	5.44	0.82	17.63	62.29	21.63	8.29	12.72	4.07	9.03	1.35	23.73	80.82
S15																	
	S15CA001	26.32	12.47	10.89	3.48	9.07	1.36	26.84	90.43	32.90	12.70	14.19	4.54	15.07	2.26	36.14	117.80
	S15CA002	41.69	19.68	14.85	4.75	13.80	2.07	42.50	139.34	52.11	20.06	19.35	6.19	22.93	3.44	57.22	181.30
	S15CA003	54.93	25.80	18.15	5.81	17.00	2.55	55.95	180.19	68.66	26.30	23.65	7.57	28.24	4.24	75.32	233.98
	S15FI001	22.65	10.71	10.89	3.48	7.67	1.15	23.10	79.65	28.31	10.92	14.19	4.54	12.74	1.91	31.09	103.70
	S15KM001	43.05	20.11	14.85	4.75	12.28	1.84	43.81	140.69	53.81	20.49	19.35	6.19	20.40	3.06	58.97	182.27
	S15TE001	40.95	19.48	15.84	5.07	14.87	2.23	41.80	140.24	51.19	19.85	20.64	6.60	24.70	3.71	56.27	182.96
S20																	
	S20CA001	30.57	14.38	15.75	4.10	12.73	1.91	31.15	110.59	38.22	14.65	20.25	5.27	22.10	3.32	41.93	145.74
	S20CA002	32.60	15.26	15.75	4.10	12.73	1.91	33.19	115.54	40.75	15.55	20.25	5.27	22.10	3.32	44.67	151.91
	S20CA003	53.61	24.88	24.50	6.37	18.31	2.75	54.49	184.91	67.01	25.35	31.50	8.19	31.80	4.77	73.36	241.98
	S20CA004	55.96	25.90	24.50	6.37	18.31	2.75	56.85	190.64	69.94	26.39	31.50	8.19	31.80	4.77	76.53	249.12
	S20CA005	67.18	31.14	33.25	8.65	22.55	3.38	68.27	234.42	83.97	31.73	42.75	11.12	39.17	5.88	91.90	306.52
	S20CA006	71.51	33.03	33.25	8.65	22.55	3.38	72.63	245.00	89.39	33.66	42.75	11.12	39.17	5.88	97.77	319.74
	S20KM001	48.06	22.46	27.93	7.26	18.31	2.75	48.91	175.68	60.08	22.89	35.91	9.34	31.80	4.77	65.84	230.63
	S20TE001	25.80	12.11	10.08	2.62	10.50	1.58	26.28	88.97	32.25	12.35	12.96	3.37	18.23	2.73	35.38	117.27
	S20TE002	51.67	24.15	25.90	6.73	19.73	2.96	52.59	183.73	64.59	24.61	33.30	8.66	34.26	5.14	70.79	241.35
S25																	
	S25RM001	5.90	3.74	0.00	1.51	1.93	0.29	6.98	20.35	7.08	3.79	0.00	1.51	2.52	0.38	8.97	24.25
	S25RM002	6.12	4.17	0.00	1.51	3.48	0.52	7.37	23.17	7.35	4.22	0.00	1.51	4.55	0.68	9.47	27.78
S35																	
	S35AR001	0.27	0.11	0.00	0.00	0.00	0.00	0.36	0.74								
	S35AR002	0.43	0.17	0.00	0.00	0.00	0.00	0.58	1.18								
S40																	
	S40BO001	17.65	8.68	12.77	3.57	1.59	0.24	24.88	69.38	22.06	8.83	16.56	4.64	2.71	0.41	34.76	89.97
	S40CA001	16.16	8.02	12.40	3.47	1.38	0.21	22.82	64.46	20.20	8.16	16.08	4.50	2.11	0.32	31.88	83.25
	S40CA002	14.56	7.22	12.40	3.47	1.36	0.20	20.57	59.78	18.20	7.34	16.08	4.50	2.15	0.32	28.73	77.32
S45																	

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
S45																	
	S45DA001	1.37	0.42	0.00	1.10	0.00	0.00	2.29	5.18								
	S45DA002	1.60	0.49	0.00	1.20	0.00	0.00	2.69	5.98								
	S45DA003	1.65	0.50	0.00	1.30	0.00	0.00	2.77	6.22								
T10																	
	T10CA001	0.82	0.40	0.00	0.08	0.00	0.00	1.09	2.39	1.03	0.40	0.00	0.08	0.00	0.00	1.54	3.05
	T10CA002	0.58	0.28	0.00	0.08	0.00	0.00	0.78	1.72	0.73	0.29	0.00	0.08	0.00	0.00	1.09	2.19
	T10CA003	1.01	0.49	0.00	0.08	0.00	0.00	1.34	2.92	1.26	0.50	0.00	0.08	0.00	0.00	1.88	3.72
	T10CA004	1.03	0.50	0.00	0.08	0.00	0.00	1.36	2.97	1.29	0.51	0.00	0.08	0.00	0.00	1.92	3.80
	T10CA005	1.70	0.82	0.00	0.08	0.00	0.00	2.26	4.86	2.13	0.84	0.00	0.08	0.00	0.00	3.18	6.23
	T10CA006	1.21	0.58	0.00	0.08	0.00	0.00	1.60	3.47	1.51	0.59	0.00	0.08	0.00	0.00	2.25	4.43
	T10CA007	1.23	0.59	0.00	0.08	0.00	0.00	1.63	3.53	1.53	0.60	0.00	0.08	0.00	0.00	2.29	4.50
	T10CA008	1.46	0.71	0.00	0.08	0.00	0.00	1.94	4.19	1.83	0.72	0.00	0.08	0.00	0.00	2.73	5.36
	T10CA009	1.61	0.78	0.00	0.08	0.00	0.00	2.14	4.61	2.01	0.79	0.00	0.08	0.00	0.00	3.01	5.89
	T10CA010	1.79	0.87	0.00	0.08	0.00	0.00	2.38	5.12	2.24	0.88	0.00	0.08	0.00	0.00	3.34	6.54
	T10CA011	1.97	0.95	0.00	0.08	0.00	0.00	2.62	5.62	2.47	0.97	0.00	0.08	0.00	0.00	3.69	7.21
	T10CA012	2.30	1.11	0.00	0.08	0.00	0.00	3.06	6.55	2.88	1.13	0.00	0.08	0.00	0.00	4.30	8.39
	T10CA013	2.54	1.23	0.00	0.08	0.00	0.00	3.37	7.22	3.18	1.25	0.00	0.08	0.00	0.00	4.74	9.25
	T10CA014	2.40	1.16	0.00	0.08	0.00	0.00	3.18	6.82	3.00	1.18	0.00	0.08	0.00	0.00	4.48	8.74
	T10CA015	2.45	1.18	0.00	0.10	0.00	0.00	3.25	6.98	3.06	1.20	0.00	0.10	0.00	0.00	4.58	8.94
	T10CA016	3.10	1.50	0.00	0.12	0.00	0.00	4.11	8.83	3.88	1.52	0.00	0.12	0.00	0.00	5.79	11.31
	T10CA017	3.30	1.60	0.00	0.13	0.00	0.00	4.38	9.41	4.13	1.62	0.00	0.13	0.00	0.00	6.16	12.04
	T10CA018	3.06	1.48	0.00	0.13	0.00	0.00	4.06	8.73	3.83	1.50	0.00	0.13	0.00	0.00	5.72	11.18
	T10CA019	0.10	0.05	0.00	0.05	0.00	0.00	0.14	0.34	0.13	0.05	0.00	0.05	0.00	0.00	0.20	0.43
	T10CA020	2.39	1.15	0.00	0.15	0.00	0.00	3.17	6.86	2.98	1.17	0.00	0.15	0.00	0.00	4.46	8.76
	T10CA021	4.04	1.95	0.00	0.19	0.00	0.00	5.36	11.54	5.05	1.99	0.00	0.19	0.00	0.00	7.55	14.78
	T10CA022	4.18	2.02	0.00	0.19	0.00	0.00	5.55	11.94	5.23	2.06	0.00	0.19	0.00	0.00	7.81	15.29
	T10CA023	2.69	1.30	0.00	0.20	0.00	0.00	3.56	7.75	3.36	1.32	0.00	0.20	0.00	0.00	5.02	9.90
	T10CA024	5.58	2.69	0.00	0.28	0.00	0.00	7.40	15.95	6.97	2.74	0.00	0.28	0.00	0.00	10.41	20.40
	T10CA025	5.98	2.89	0.00	0.29	0.00	0.00	7.93	17.09	7.47	2.94	0.00	0.29	0.00	0.00	11.16	21.86
	T10CA026	7.87	3.80	0.00	0.40	0.00	0.00	10.44	22.51	9.84	3.87	0.00	0.40	0.00	0.00	14.69	28.80
	T10CA027	8.58	4.15	0.00	0.42	0.00	0.00	11.39	24.54	10.73	4.22	0.00	0.42	0.00	0.00	16.03	31.40
	T10ID001	1.35	0.65	0.00	0.05	0.00	0.00	1.79	3.84	1.69	0.66	0.00	0.05	0.00	0.00	2.52	4.92
	T10ID002	1.52	0.74	0.00	0.05	0.00	0.00	2.02	4.33	1.90	0.75	0.00	0.05	0.00	0.00	2.85	5.55
	T10ID003	2.23	1.08	0.00	0.05	0.00	0.00	2.96	6.32	2.79	1.09	0.00	0.05	0.00	0.00	4.16	8.09
	T10ID004	2.43	1.18	0.00	0.05	0.00	0.00	3.23	6.89	3.04	1.19	0.00	0.05	0.00	0.00	4.54	8.82
	T10ID005	3.12	1.51	0.00	0.10	0.00	0.00	4.13	8.86	3.90	1.53	0.00	0.10	0.00	0.00	5.82	11.35
	T10ID006	3.33	1.61	0.00	0.12	0.00	0.00	4.42	9.48	4.16	1.64	0.00	0.12	0.00	0.00	6.22	12.14
	T10ID007	3.38	1.63	0.00	0.08	0.00	0.00	4.48	9.57	4.22	1.66	0.00	0.08	0.00	0.00	6.31	12.27
	T10ID008	3.78	1.83	0.00	0.13	0.00	0.00	5.02	10.76	4.73	1.86	0.00	0.13	0.00	0.00	7.06	13.78
	T10KM001	0.95	0.46	0.00	0.15	0.00	0.00	1.26	2.82	1.18	0.47	0.00	0.15	0.00	0.00	1.77	3.57
	T10KM002	0.98	0.47	0.00	0.15	0.00	0.00	1.30	2.90	1.22	0.48	0.00	0.15	0.00	0.00	1.82	3.67

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T10																	
	T10KM003	1.04	0.50	0.00	0.15	0.00	0.00	1.38	3.07	1.30	0.51	0.00	0.15	0.00	0.00	1.94	3.90
	T10KM004	1.19	0.58	0.00	0.15	0.00	0.00	1.58	3.50	1.49	0.59	0.00	0.15	0.00	0.00	2.22	4.45
	T10KM005	1.49	0.72	0.00	0.18	0.00	0.00	1.97	4.36	1.86	0.73	0.00	0.18	0.00	0.00	2.77	5.54
	T10KM006	2.07	1.00	0.00	0.18	0.00	0.00	2.74	5.99	2.58	1.02	0.00	0.18	0.00	0.00	3.86	7.64
	T10KM007	2.52	1.22	0.00	0.20	0.00	0.00	3.34	7.28	3.15	1.24	0.00	0.20	0.00	0.00	4.71	9.30
	T10KM008	2.45	1.18	0.00	0.25	0.00	0.00	3.25	7.13	3.06	1.20	0.00	0.25	0.00	0.00	4.57	9.08
	T10KM009	2.89	1.40	0.00	0.35	0.00	0.00	3.84	8.48	3.61	1.42	0.00	0.35	0.00	0.00	5.40	10.78
	T10KM010	2.66	1.28	0.00	0.34	0.00	0.00	3.52	7.80	3.32	1.31	0.00	0.34	0.00	0.00	4.96	9.93
	T10KM011	3.80	1.84	0.00	0.40	0.00	0.00	5.04	11.08	4.75	1.87	0.00	0.40	0.00	0.00	7.09	14.11
	T10KM012	4.34	2.10	0.00	0.45	0.00	0.00	5.76	12.65	5.42	2.13	0.00	0.45	0.00	0.00	8.10	16.10
	T10KM013	3.92	1.90	0.00	0.40	0.00	0.00	5.20	11.42	4.90	1.93	0.00	0.40	0.00	0.00	7.32	14.55
	T10KM014	5.12	2.48	0.00	0.64	0.00	0.00	6.80	15.04	6.41	2.52	0.00	0.64	0.00	0.00	9.57	19.14
	T10KM015	3.91	1.89	0.00	0.40	0.00	0.00	5.18	11.38	4.88	1.92	0.00	0.40	0.00	0.00	7.29	14.49
	T10KM016	6.37	3.08	0.00	0.70	0.00	0.00	8.45	18.60	7.96	3.13	0.00	0.70	0.00	0.00	11.89	23.68
T15																	
	T15CA001	3.59	1.93	2.54	0.91	0.00	0.00	7.65	16.62	4.48	1.95	3.32	1.19	0.00	0.00	10.36	21.30
	T15CA002	4.08	2.19	2.54	0.91	0.00	0.00	8.72	18.44	5.11	2.23	3.32	1.19	0.00	0.00	11.81	23.66
	T15CA003	3.87	2.08	2.61	0.94	0.00	0.00	8.26	17.76	4.84	2.11	3.42	1.23	0.00	0.00	11.19	22.79
	T15CA004	5.07	2.73	3.71	1.33	0.00	0.00	10.83	23.67	6.34	2.77	4.85	1.74	0.00	0.00	14.67	30.37
	T15CA005	5.71	3.07	3.71	1.33	0.00	0.00	12.20	26.02	7.14	3.12	4.85	1.74	0.00	0.00	16.52	33.37
	T15CA006	8.26	4.44	4.68	1.68	0.00	0.00	17.64	36.70	10.33	4.51	6.12	2.20	0.00	0.00	23.89	47.05
	T15CA007	9.37	5.04	4.68	1.68	0.00	0.00	20.01	40.78	11.71	5.11	6.12	2.20	0.00	0.00	27.09	52.23
	T15CA008	9.36	5.03	5.46	1.97	0.00	0.00	19.98	41.80	11.70	5.10	7.14	2.57	0.00	0.00	27.05	53.56
	T15CA009	10.78	5.79	6.44	2.32	0.00	0.00	23.02	48.35	13.48	5.88	8.42	3.03	0.00	0.00	31.16	61.97
	T15CA010	11.14	5.99	6.44	2.32	0.00	0.00	23.79	49.68	13.93	6.08	8.42	3.03	0.00	0.00	32.21	63.67
	T15CA011	12.89	6.93	6.44	2.32	0.00	0.00	27.53	56.11	16.12	7.03	8.42	3.03	0.00	0.00	37.27	71.87
	T15CA012	14.44	7.76	7.80	2.81	0.00	0.00	30.82	63.63	18.05	7.87	10.20	3.67	0.00	0.00	41.73	81.52
	T15CA013	16.40	8.81	8.39	3.02	0.00	0.00	35.01	71.63	20.50	8.94	10.97	3.95	0.00	0.00	47.40	91.76
	T15CA014	18.72	10.06	8.39	3.02	0.00	0.00	39.96	80.15	23.40	10.21	10.97	3.95	0.00	0.00	54.10	102.63
	T15CS001	3.96	2.13	2.46	0.88	0.00	0.00	8.46	17.89	4.95	2.16	3.21	1.16	0.00	0.00	11.45	22.93
	T15CS002	5.84	3.14	3.20	1.15	0.00	0.00	12.46	25.79	7.30	3.18	4.18	1.51	0.00	0.00	16.87	33.04
	T15CS003	6.20	3.33	3.20	1.15	0.00	0.00	13.23	27.11	7.75	3.38	4.18	1.51	0.00	0.00	17.91	34.73
	T15CS004	8.15	4.38	4.41	1.59	0.00	0.00	17.41	35.94	10.19	4.45	5.76	2.07	0.00	0.00	23.57	46.04
	T15CS005	8.99	4.83	4.41	1.59	0.00	0.00	19.20	39.02	11.24	4.90	5.76	2.07	0.00	0.00	26.00	49.97
	T15CS006	11.12	5.97	5.46	1.97	0.00	0.00	23.73	48.25	13.89	6.06	7.14	2.57	0.00	0.00	32.13	61.79
	T15FI001	4.61	2.47	2.73	0.98	0.00	0.00	9.83	20.62	5.76	2.51	3.57	1.29	0.00	0.00	13.31	26.44
	T15FI002	5.42	2.91	3.28	1.18	0.00	0.00	11.56	24.35	6.77	2.95	4.28	1.54	0.00	0.00	15.66	31.20
	T15FI003	8.10	4.35	4.17	1.50	0.00	0.00	17.30	35.42	10.13	4.42	5.46	1.96	0.00	0.00	23.42	45.39
	T15FI004	9.27	4.98	4.76	1.71	0.00	0.00	19.79	40.51	11.58	5.05	6.22	2.24	0.00	0.00	26.79	51.88
	T15FI005	10.17	5.47	4.76	1.71	0.00	0.00	21.72	43.83	12.72	5.55	6.22	2.24	0.00	0.00	29.40	56.13
	T15FI006	12.01	6.45	5.85	2.11	0.00	0.00	25.65	52.07	15.02	6.55	7.65	2.75	0.00	0.00	34.73	66.70

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T15																	
	T15FI007	13.91	7.47	5.85	2.11	0.00	0.00	29.70	59.04	17.39	7.58	7.65	2.75	0.00	0.00	40.21	75.58
	T15FI008	17.61	9.46	8.70	3.13	0.00	0.00	37.60	76.50	22.02	9.60	11.37	4.09	0.00	0.00	50.91	97.99
	T15ID001	4.79	2.57	2.73	0.98	0.00	0.00	10.22	21.29	5.98	2.61	3.57	1.29	0.00	0.00	13.83	27.28
	T15ID002	6.18	3.32	3.12	1.12	0.00	0.00	13.20	26.94	7.73	3.37	4.08	1.47	0.00	0.00	17.87	34.52
	T15ID003	9.32	5.01	4.29	1.54	0.00	0.00	19.89	40.05	11.65	5.08	5.61	2.02	0.00	0.00	26.93	51.29
	T15ID004	10.28	5.52	5.46	1.97	0.00	0.00	21.95	45.18	12.85	5.61	7.14	2.57	0.00	0.00	29.71	57.88
	T15ID005	16.32	8.77	8.78	3.16	0.00	0.00	34.84	71.87	20.40	8.90	11.48	4.13	0.00	0.00	47.17	92.08
	T15JD001	3.57	1.92	2.34	0.84	0.00	0.00	7.63	16.30	4.47	1.95	3.06	1.10	0.00	0.00	10.33	20.91
	T15JD002	4.17	2.24	2.73	0.98	0.00	0.00	8.91	19.03	5.22	2.28	3.57	1.29	0.00	0.00	12.07	24.43
	T15JD003	4.62	2.48	3.12	1.12	0.00	0.00	9.86	21.20	5.77	2.52	4.08	1.47	0.00	0.00	13.34	27.18
	T15JD004	5.18	2.78	3.51	1.26	0.00	0.00	11.06	23.79	6.47	2.82	4.59	1.65	0.00	0.00	14.97	30.50
	T15JD005	7.80	4.19	4.68	1.68	0.00	0.00	16.66	35.01	9.75	4.26	6.12	2.20	0.00	0.00	22.56	44.89
	T15JD006	8.04	4.32	4.68	1.68	0.00	0.00	17.17	35.89	10.05	4.39	6.12	2.20	0.00	0.00	23.25	46.01
	T15JD007	10.10	5.42	6.44	2.32	0.00	0.00	21.55	45.83	12.62	5.50	8.42	3.03	0.00	0.00	29.18	58.75
	T15JD008	11.31	6.07	6.44	2.32	0.00	0.00	24.14	50.28	14.13	6.16	8.42	3.03	0.00	0.00	32.68	64.42
	T15KM001	4.62	2.48	2.73	0.98	0.00	0.00	9.86	20.67	5.77	2.52	3.57	1.29	0.00	0.00	13.34	26.49
	T15KM002	5.14	2.76	2.93	1.05	0.00	0.00	10.97	22.85	6.42	2.80	3.83	1.38	0.00	0.00	14.85	29.28
	T15KM003	10.46	5.62	5.07	1.83	0.00	0.00	22.33	45.31	13.08	5.70	6.63	2.39	0.00	0.00	30.24	58.04
	T15KM004	11.83	6.35	5.46	1.97	0.00	0.00	25.25	50.86	14.78	6.45	7.14	2.57	0.00	0.00	34.18	65.12
	T15KM005	15.39	8.27	7.02	2.53	0.00	0.00	32.87	66.08	19.24	8.39	9.18	3.30	0.00	0.00	44.50	84.61
	T15KM006	17.73	9.53	8.00	2.88	0.00	0.00	37.86	76.00	22.17	9.67	10.46	3.76	0.00	0.00	51.26	97.32
	T15KM007	19.01	10.22	8.78	3.16	0.00	0.00	40.59	81.76	23.76	10.37	11.48	4.13	0.00	0.00	54.95	104.69
	T15CA015	24.06	11.63	13.07	3.66	0.00	0.00	39.91	92.33	30.07	11.82	17.09	4.78	0.00	0.00	54.90	118.66
	T15CA016	22.14	10.70	11.12	3.11	0.00	0.00	36.73	83.80	27.67	10.88	14.54	4.07	0.00	0.00	50.52	107.68
	T15CA017	28.62	13.83	14.43	4.04	0.00	0.00	47.48	108.40	35.77	14.06	18.87	5.28	0.00	0.00	65.31	139.29
	T15FI009	24.68	11.93	11.70	3.28	0.00	0.00	40.95	92.54	30.85	12.13	15.30	4.28	0.00	0.00	56.33	118.89
	T15FI010	25.58	12.36	13.26	3.71	0.00	0.00	42.44	97.35	31.98	12.57	17.34	4.86	0.00	0.00	58.38	125.13
	T15ID006	23.68	11.44	12.48	3.49	0.00	0.00	39.29	90.38	29.60	11.64	16.32	4.57	0.00	0.00	54.04	116.17
	T15KM008	26.09	12.61	12.48	3.49	0.00	0.00	43.28	97.95	32.61	12.82	16.32	4.57	0.00	0.00	59.54	125.86
	T15KM009	37.86	18.30	15.76	4.41	0.00	0.00	62.82	139.15	47.33	18.61	20.60	5.77	0.00	0.00	86.41	178.72
	T15CA018	33.34	17.21	20.28	4.87	0.00	0.00	56.96	132.66	40.01	17.43	26.52	6.36	0.00	0.00	74.55	164.87
	T15CA019	57.55	29.70	30.03	7.21	0.00	0.00	98.32	222.81	69.06	30.08	39.27	9.42	0.00	0.00	128.67	276.50
	T15FI011	35.61	18.38	17.75	4.26	0.00	0.00	60.84	136.84	42.73	18.61	23.21	5.57	0.00	0.00	79.62	169.74
	T15FI012	37.30	19.25	18.53	4.45	0.00	0.00	63.72	143.25	44.76	19.50	24.23	5.81	0.00	0.00	83.39	177.69
	T15FI013	44.30	22.86	20.48	4.91	0.00	0.00	75.68	168.23	53.16	23.15	26.78	6.43	0.00	0.00	99.04	208.56
	T15ID007	28.97	14.95	17.94	4.31	0.00	0.00	49.48	115.65	34.76	15.14	23.46	5.63	0.00	0.00	64.76	143.75
	T15KM010	39.78	20.53	19.81	4.75	0.00	0.00	67.96	152.83	47.74	20.79	25.91	6.22	0.00	0.00	88.94	189.60
	T15KM011	74.11	38.24	28.86	6.93	0.00	0.00	126.60	274.74	88.93	38.74	37.74	9.06	0.00	0.00	165.68	340.15
T20																	
	T20CA001	17.00	7.72	7.56	2.12	3.14	0.47	15.68	53.69	21.25	7.88	9.87	2.76	6.57	0.99	21.23	70.55
	T20CA002	23.36	10.99	11.16	3.12	7.79	1.17	21.67	79.26	29.19	11.22	14.57	4.08	16.32	2.45	29.34	107.17

TABLE 3-5. HOURLY RATE ELEMENT

		AVERAGE CONDITIONS								SEVERE CONDITIONS							
CAT	ID. NO.	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T20																	
	T20CA003	34.75	16.52	16.20	4.54	9.32	1.40	32.30	115.03	43.44	16.86	21.15	5.92	19.52	2.93	43.73	153.55
	T20MC001	26.45	12.40	10.87	3.04	6.72	1.01	24.53	85.02	33.07	12.66	14.19	3.97	13.63	2.04	33.21	112.77
	T20MC002	46.17	23.56	20.59	5.77	18.25	2.74	43.45	160.53	57.71	24.05	26.88	7.53	37.04	5.56	58.82	217.59
T25																	
	T25JD001	1.76	0.69	1.91	0.53	0.50	0.08	1.91	7.38								
	T25JD002	1.96	0.75	2.30	0.65	0.45	0.07	2.12	8.30								
	T25JD003	2.22	0.84	2.59	0.73	0.45	0.07	2.40	9.30								
	T25JD004	2.50	0.94	3.13	0.88	0.41	0.06	2.69	10.61								
T30																	
	T30DW001	0.33	0.14	0.86	0.24	0.05	0.01	0.49	2.12	0.40	0.14	1.13	0.32	0.06	0.01	0.68	2.74
	T30DW002	1.47	0.59	1.72	0.48	0.06	0.01	2.20	6.53	1.81	0.60	2.27	0.63	0.09	0.01	3.01	8.42
	T30DW003	2.95	1.18	2.68	0.75	0.09	0.01	4.41	12.07	3.63	1.20	3.52	0.99	0.13	0.02	6.03	15.52
	T30DW004	2.33	0.94	2.68	0.75	0.09	0.01	3.50	10.30	2.87	0.95	3.52	0.99	0.13	0.02	4.78	13.26
	T30DW005	2.80	1.12	1.26	0.35	0.09	0.01	4.19	9.82	3.44	1.14	1.65	0.46	0.13	0.02	5.72	12.56
	T30DW006	4.14	1.64	1.91	0.53	0.09	0.01	6.19	14.51	5.09	1.68	2.49	0.70	0.13	0.02	8.46	18.57
	T30DW007	4.22	1.71	2.30	0.65	0.27	0.04	6.34	15.53	5.19	1.75	3.01	0.84	0.38	0.06	8.66	19.89
	T30DW008	4.23	1.71	2.30	0.65	0.27	0.04	6.35	15.55	5.20	1.75	3.01	0.84	0.38	0.06	8.69	19.93
	T30DW009	5.46	2.20	2.66	0.75	0.27	0.04	8.20	19.58	6.72	2.25	3.48	0.97	0.38	0.06	11.21	25.07
	T30DW010	9.19	3.87	3.64	1.02	1.34	0.20	13.93	33.19	11.31	3.96	4.75	1.33	1.90	0.29	19.04	42.58
	T30DW011	10.76	4.23	4.25	1.19	0.00	0.00	16.05	36.48	13.24	4.32	5.55	1.55	0.00	0.00	21.94	46.60
	T30VE001	0.79	0.31	1.72	0.48	0.00	0.00	1.17	4.47	0.97	0.32	2.27	0.63	0.00	0.00	1.61	5.80
	T30VE002	2.48	1.03	1.26	0.35	0.22	0.03	3.75	9.12	3.06	1.05	1.65	0.46	0.29	0.04	5.12	11.67
	T30VE003	4.34	1.76	1.94	0.54	0.23	0.03	6.51	15.35	5.34	1.79	2.54	0.71	0.31	0.05	8.90	19.64
	T30VE004	4.95	2.00	1.91	0.53	0.23	0.03	7.43	17.08	6.10	2.04	2.49	0.70	0.31	0.05	10.16	21.85
	T30VE005	9.88	3.88	4.07	1.14	0.00	0.00	14.74	33.71	12.16	3.97	5.31	1.49	0.00	0.00	20.16	43.09
	T30VE006	17.68	6.95	6.30	1.76	0.00	0.00	26.38	59.07	21.76	7.10	8.23	2.30	0.00	0.00	36.07	75.46
T35																	
	T35BG001	12.98	6.27	3.60	1.01	0.00	0.00	19.37	43.23	16.23	6.38	4.70	1.32	0.00	0.00	26.90	55.53
	T35BG002	18.73	9.05	5.76	1.61	0.00	0.00	27.95	63.10	23.41	9.20	7.52	2.11	0.00	0.00	38.81	81.05
	T35BG003	24.56	11.87	5.76	1.61	0.00	0.00	36.66	80.46	30.70	12.07	7.52	2.11	0.00	0.00	50.90	103.30
	T35CT001	12.95	6.26	5.04	1.41	0.00	0.00	19.33	44.99	16.19	6.37	6.58	1.84	0.00	0.00	26.84	57.82
	T35CT002	15.71	7.59	5.04	1.41	0.00	0.00	23.45	53.20	19.64	7.72	6.58	1.84	0.00	0.00	32.56	68.34
	T35CT003	17.64	8.52	6.66	1.86	0.00	0.00	26.32	61.00	22.05	8.67	8.70	2.43	0.00	0.00	36.55	78.40
	T35CT004	15.58	7.53	3.67	1.03	0.00	0.00	23.25	51.06	19.47	7.66	4.79	1.34	0.00	0.00	32.28	65.54
	T35CT005	16.63	8.03	3.67	1.03	0.00	0.00	24.81	54.17	20.78	8.17	4.79	1.34	0.00	0.00	34.45	69.53
	T35CT006	15.81	7.64	3.67	1.03	0.00	0.00	23.60	51.75	19.77	7.77	4.79	1.34	0.00	0.00	32.77	66.44
	T35CT007	17.42	8.42	3.67	1.03	0.00	0.00	26.00	56.54	21.78	8.56	4.79	1.34	0.00	0.00	36.10	72.57
	T35CT008	22.19	10.73	5.40	1.51	0.00	0.00	33.12	72.95	27.74	10.91	7.05	1.97	0.00	0.00	45.99	93.66
	T35CT009	24.63	11.91	5.40	1.51	0.00	0.00	36.76	80.21	30.79	12.11	7.05	1.97	0.00	0.00	51.05	102.97
	T35CT010	25.64	12.39	5.40	1.51	0.00	0.00	38.27	83.21	32.05	12.60	7.05	1.97	0.00	0.00	53.14	106.81
	T35CT011	29.68	14.35	6.30	1.76	0.00	0.00	44.30	96.39	37.10	14.59	8.23	2.30	0.00	0.00	61.51	123.73

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T40																	
	T40XX001	3.24	1.28	0.00	0.20	0.00	0.00	4.35	9.07								
	T40XX002	5.16	2.04	0.00	0.25	0.00	0.00	6.94	14.39								
	T40XX003	5.42	2.14	0.00	0.25	0.00	0.00	7.28	15.09								
	T40XX004	6.14	2.42	0.00	0.30	0.00	0.00	8.24	17.10								
	T40XX005	7.32	2.89	0.00	0.35	0.00	0.00	9.84	20.40								
	T40XX006	8.68	3.42	0.00	0.40	0.00	0.00	11.65	24.15								
	T40XX007	0.79	0.31	0.00	0.09	0.00	0.00	0.93	2.12	0.97	0.32	0.00	0.09	0.00	0.00	1.30	2.68
	T40XX008	1.25	0.49	0.00	0.09	0.00	0.00	1.47	3.30	1.54	0.50	0.00	0.09	0.00	0.00	2.07	4.20
	T40XX009	1.27	0.50	0.00	0.09	0.00	0.00	1.49	3.35	1.56	0.51	0.00	0.09	0.00	0.00	2.10	4.26
	T40XX010	1.29	0.51	0.00	0.09	0.00	0.00	1.51	3.40	1.59	0.52	0.00	0.09	0.00	0.00	2.13	4.33
	T40XX011	0.26	0.10	0.00	0.00	0.00	0.00	0.26	0.62								
	T40XX012	0.27	0.11	0.00	0.00	0.00	0.00	0.27	0.65								
	T40XX013	0.29	0.11	0.00	0.00	0.00	0.00	0.29	0.69								
	T40XX014	0.31	0.12	0.00	0.00	0.00	0.00	0.31	0.74								
	T40XX015	0.33	0.13	0.00	0.00	0.00	0.00	0.33	0.79								
	T40XX016	0.36	0.14	0.00	0.00	0.00	0.00	0.37	0.87								
	T40XX017	0.39	0.15	0.00	0.00	0.00	0.00	0.40	0.94								
	T40XX018	0.42	0.16	0.00	0.00	0.00	0.00	0.42	1.00								
	T40XX019	0.44	0.18	0.00	0.00	0.00	0.00	0.45	1.07								
	T40XX020	0.47	0.19	0.00	0.00	0.00	0.00	0.48	1.14								
	T40XX021	0.41	0.16	0.00	0.00	0.00	0.00	0.42	0.99								
	T40XX022	0.49	0.19	0.00	0.00	0.00	0.00	0.49	1.17								
	T40XX023	0.29	0.11	0.00	0.09	0.00	0.00	0.34	0.83								
	T40XX024	0.34	0.13	0.00	0.09	0.00	0.00	0.40	0.96								
	T40XX025	0.93	0.37	0.00	0.09	0.00	0.00	1.09	2.48								
	T40XX026	1.04	0.41	0.00	0.09	0.00	0.00	1.22	2.76								
	T40XX027	3.52	1.26	0.00	0.13	0.00	0.00	3.87	8.78								
	T40XX028	3.58	1.28	0.00	0.13	0.00	0.00	3.94	8.93								
	T40XX029	3.62	1.29	0.00	0.13	0.00	0.00	3.98	9.02								
	T40XX030	3.68	1.31	0.00	0.13	0.00	0.00	4.05	9.17								
	T40XX031	1.48	0.59	0.00	0.00	0.00	0.00	1.50	3.57								
	T40XX032	1.57	0.62	0.00	0.00	0.00	0.00	1.58	3.77								
	T40XX033	1.67	0.66	0.00	0.00	0.00	0.00	1.69	4.02								
T45																	
	T45XX001	2.62	1.26	0.00	0.09	0.70	0.11	2.92	7.70	3.27	1.28	0.00	0.09	0.84	0.13	4.18	9.79
	T45XX002	3.14	1.49	0.00	0.09	0.70	0.11	3.50	9.03	3.93	1.52	0.00	0.09	0.84	0.13	5.00	11.51
	T45XX003	3.21	1.52	0.00	0.09	0.70	0.11	3.58	9.21	4.02	1.55	0.00	0.09	0.84	0.13	5.12	11.75
	T45XX004	3.75	1.80	0.00	0.09	1.00	0.15	4.19	10.98	4.69	1.84	0.00	0.09	1.20	0.18	5.98	13.98
	T45XX005	4.49	2.09	0.00	0.09	0.80	0.12	4.99	12.58	5.61	2.13	0.00	0.09	0.96	0.14	7.13	16.06
	T45XX006	8.49	4.30	0.00	0.09	3.59	0.54	9.57	26.58	10.62	4.39	0.00	0.09	4.32	0.65	13.68	33.75
	T45XX007	9.46	4.73	0.00	0.09	3.59	0.54	10.64	29.05	11.82	4.82	0.00	0.09	4.32	0.65	15.20	36.90

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T45																	
	T45XX008	3.52	1.66	0.00	0.09	0.70	0.11	3.64	9.72	4.41	1.69	0.00	0.09	0.84	0.13	5.25	12.41
	T45XX009	2.48	1.00	0.00	0.11	0.70	0.11	2.39	6.79								
	T45XX010	2.50	1.01	0.00	0.11	0.70	0.11	2.41	6.84								
	T45XX011	1.56	1.09	0.00	0.09	0.63	0.09	1.60	5.06								
	T45XX012	1.75	1.21	0.00	0.09	0.68	0.10	1.78	5.61								
	T45XX013	1.93	1.33	0.00	0.09	0.70	0.11	1.97	6.13								
	T45XX014	2.19	1.54	0.00	0.13	0.95	0.14	2.24	7.19								
	T45XX015	2.28	1.61	0.00	0.13	1.02	0.15	2.34	7.53								
	T45XX016	2.66	1.85	0.00	0.13	1.05	0.16	2.72	8.57								
	T45XX017	2.79	2.01	0.00	0.13	1.43	0.21	2.88	9.45								
	T45XX018	3.48	2.43	0.00	0.13	1.43	0.21	3.55	11.23								
	T45XX019	3.61	2.51	0.00	0.13	1.43	0.21	3.69	11.58								
	T45XX020	4.18	2.85	0.00	0.17	1.40	0.21	4.24	13.05								
	T45XX021	4.45	3.08	0.00	0.17	1.71	0.26	4.53	14.20								
	T45XX022	4.81	3.34	0.00	0.17	1.91	0.29	4.91	15.43								
	T45XX023	5.39	3.87	0.00	0.17	2.72	0.41	5.57	18.13								
	T45XX024	1.27	0.93	0.00	0.09	0.70	0.11	1.32	4.42								
	T45XX025	1.27	0.93	0.00	0.09	0.70	0.11	1.32	4.42								
	T45XX026	0.81	0.60	0.00	0.10	0.48	0.07	0.85	2.91								
	T45XX027	0.91	0.68	0.00	0.10	0.59	0.09	0.95	3.32								
	T45XX028	0.98	0.74	0.00	0.10	0.63	0.09	1.03	3.57								
	T45XX029	2.61	1.66	2.27	0.00	0.35	0.05	3.10	10.04								
	T45XX030	2.67	1.78	2.27	0.00	0.70	0.11	3.22	10.75								
	T45XX031	2.81	1.86	2.27	0.00	0.70	0.11	3.38	11.13								
	T45HA001	2.15	1.09	0.00	0.50	0.15	0.02	2.96	6.87								
	T45HA002	2.61	1.32	0.00	0.60	0.15	0.02	3.59	8.29								
	T45HA003	3.46	1.75	0.00	0.70	0.24	0.04	4.77	10.96								
T50																	
	T50FO001	1.30	0.52	3.13	0.88	0.19	0.03	1.61	7.66	1.66	0.53	4.11	1.15	0.23	0.03	2.20	9.91
	T50FO002	1.53	0.61	3.13	0.88	0.22	0.03	1.89	8.29	1.95	0.62	4.11	1.15	0.29	0.04	2.58	10.74
	T50FO003	1.41	0.57	3.13	0.88	0.26	0.04	1.75	8.04	1.80	0.58	4.11	1.15	0.32	0.05	2.39	10.40
	T50FO004	1.73	0.69	3.13	0.88	0.30	0.05	2.14	8.92	2.21	0.71	4.11	1.15	0.39	0.06	2.92	11.55
	T50FO005	1.63	0.67	3.13	0.88	0.40	0.06	2.03	8.80	2.08	0.68	4.11	1.15	0.51	0.08	2.77	11.38
	T50GM001	1.06	0.43	2.10	0.59	0.20	0.03	1.31	5.72	1.35	0.44	2.76	0.77	0.25	0.04	1.79	7.40
	T50GM002	1.27	0.51	2.10	0.59	0.20	0.03	1.57	6.27	1.61	0.52	2.76	0.77	0.25	0.04	2.14	8.09
	T50GM003	1.26	0.51	3.43	0.96	0.20	0.03	1.56	7.95	1.60	0.52	4.50	1.26	0.25	0.04	2.13	10.30
	T50GM004	1.79	0.71	3.78	1.06	0.20	0.03	2.20	9.77	2.27	0.72	4.95	1.39	0.25	0.04	3.00	12.62
	T50GM005	1.98	0.78	3.78	1.06	0.23	0.03	2.44	10.30	2.52	0.80	4.95	1.39	0.30	0.05	3.32	13.33
	T50GM006	1.40	0.56	5.61	1.57	0.23	0.03	1.74	11.14	1.78	0.58	7.36	2.06	0.29	0.04	2.37	14.48
	T50GM007	1.64	0.65	5.61	1.57	0.27	0.04	2.02	11.80	2.08	0.67	7.36	2.06	0.36	0.05	2.76	15.34
	T50GM008	1.47	0.59	5.61	1.57	0.23	0.03	1.82	11.32	1.88	0.60	7.36	2.06	0.29	0.04	2.49	14.72

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T50																	
	T50GM009	1.71	0.68	5.61	1.57	0.27	0.04	2.12	12.00	2.18	0.70	7.36	2.06	0.36	0.05	2.89	15.60
	T50FO006	2.54	1.18	8.44	2.53	0.57	0.09	2.93	18.28	3.12	1.20	11.26	3.38	0.71	0.11	3.89	23.67
	T50FO007	2.74	1.26	5.79	1.51	0.57	0.09	3.17	15.13	3.38	1.29	7.53	1.96	0.71	0.11	4.20	19.18
	T50FO008	2.75	1.27	8.44	2.53	0.57	0.09	3.17	18.82	3.38	1.29	11.26	3.38	0.71	0.11	4.20	24.33
	T50FO009	3.19	1.46	5.79	1.51	0.57	0.09	3.68	16.29	3.93	1.48	7.53	1.96	0.71	0.11	4.87	20.59
	T50FO010	2.96	1.37	10.97	3.29	0.65	0.10	3.42	22.76	3.64	1.39	14.62	4.39	0.82	0.12	4.53	29.51
	T50FO011	3.44	1.63	5.71	1.49	1.11	0.17	4.00	17.55	4.23	1.66	7.43	1.93	1.42	0.21	5.30	22.18
	T50GM010	2.16	1.01	8.39	2.52	0.57	0.09	2.50	17.24	2.65	1.03	11.19	3.36	0.71	0.11	3.31	22.36
	T50GM011	2.56	1.19	8.39	2.52	0.57	0.09	2.96	18.28	3.15	1.21	11.19	3.36	0.71	0.11	3.92	23.65
	T50GM012	2.86	1.31	4.62	1.20	0.57	0.09	3.30	13.95	3.52	1.34	6.01	1.56	0.71	0.11	4.37	17.62
	T50GM013	2.55	1.19	10.30	3.09	0.65	0.10	2.95	20.83	3.13	1.21	13.73	4.12	0.82	0.12	3.91	27.04
	T50GM014	2.90	1.36	4.62	1.20	0.82	0.12	3.36	14.38	3.56	1.39	6.01	1.56	1.03	0.15	4.46	18.16
	T50IT001	2.10	0.97	4.22	1.10	0.41	0.06	2.42	11.28	2.59	0.98	5.48	1.43	0.51	0.08	3.21	14.28
	T50IT002	2.50	1.14	4.49	1.17	0.41	0.06	2.88	12.65	3.08	1.16	5.83	1.52	0.51	0.08	3.82	16.00
	T50IT003	2.94	1.35	4.90	1.27	0.57	0.09	3.39	14.51	3.62	1.37	6.36	1.65	0.71	0.11	4.49	18.31
	T50FO012	5.22	2.17	15.84	5.07	1.13	0.17	5.60	35.20	6.42	2.21	20.41	6.53	1.46	0.22	7.95	45.20
	T50FO013	6.84	2.83	9.14	2.56	1.39	0.21	7.34	30.31	8.42	2.89	11.75	3.29	1.79	0.27	10.41	38.82
	T50FO014	7.25	3.00	9.14	2.56	1.44	0.22	7.78	31.39	8.92	3.06	11.75	3.29	1.85	0.28	11.04	40.19
	T50FO015	6.72	2.79	9.14	2.56	1.44	0.22	7.21	30.08	8.27	2.85	11.75	3.29	1.85	0.28	10.24	38.53
	T50FO016	6.05	2.53	8.19	2.29	1.44	0.22	6.50	27.22	7.44	2.58	10.53	2.95	1.85	0.28	9.23	34.86
	T50FO017	9.35	3.88	11.42	3.20	1.95	0.29	10.04	40.13	11.51	3.96	14.69	4.11	2.52	0.38	14.25	51.42
	T50FO018	9.86	4.10	9.14	2.56	2.09	0.31	10.59	38.65	12.14	4.18	11.75	3.29	2.68	0.40	15.02	49.46
	T50FO019	9.15	3.82	13.33	3.73	2.09	0.31	9.83	42.26	11.26	3.89	17.14	4.80	2.68	0.40	13.95	54.12
	T50FO020	10.95	4.48	15.23	4.26	1.74	0.26	11.72	48.64	13.48	4.57	19.58	5.48	2.25	0.34	16.63	62.33
	T50GM015	4.01	1.73	14.87	4.76	1.42	0.21	4.34	31.34	4.93	1.76	19.16	6.13	1.84	0.28	6.16	40.26
	T50GM016	4.55	1.94	7.81	2.19	1.42	0.21	4.91	23.03	5.60	1.98	10.04	2.81	1.84	0.28	6.97	29.52
	T50IT004	5.43	2.29	8.19	2.29	1.42	0.21	5.85	25.68	6.68	2.33	10.53	2.95	1.84	0.28	8.30	32.91
	T50IT005	7.77	3.20	9.14	2.56	1.42	0.21	8.32	32.62	9.56	3.26	11.75	3.29	1.84	0.28	11.81	41.79
	T50IT006	8.51	3.49	9.14	2.56	1.42	0.21	9.11	34.44	10.48	3.56	11.75	3.29	1.84	0.28	12.94	44.14
	T50IT007	10.50	4.27	9.14	2.56	1.42	0.21	11.21	39.31	12.92	4.35	11.75	3.29	1.84	0.28	15.92	50.35
	T50KE001	9.03	3.56	10.28	2.88	0.25	0.04	9.58	35.62	11.11	3.63	13.22	3.70	0.32	0.05	13.60	45.63
	T50KE002	9.85	3.88	10.28	2.88	0.25	0.04	10.45	37.63	12.12	3.96	13.22	3.70	0.32	0.05	14.84	48.21
	T50KE003	9.85	3.90	10.28	2.88	0.43	0.06	10.47	37.87	12.13	3.98	13.22	3.70	0.56	0.08	14.86	48.53
	T50KE004	10.13	4.01	10.28	2.88	0.43	0.06	10.76	38.55	12.47	4.09	13.22	3.70	0.56	0.08	15.27	49.39
	T50KE005	10.36	4.10	10.28	2.88	0.43	0.06	11.00	39.11	12.75	4.18	13.22	3.70	0.56	0.08	15.62	50.11
	T50MT001	7.47	3.00	10.47	2.93	0.63	0.09	7.96	32.55	9.19	3.06	13.46	3.77	0.79	0.12	11.29	41.68
	T50MT002	8.24	3.30	11.42	3.20	0.63	0.09	8.77	35.65	10.14	3.36	14.69	4.11	0.79	0.12	12.45	45.66
	T50MT003	8.24	3.30	11.42	3.20	0.63	0.09	8.77	35.65	10.14	3.36	14.69	4.11	0.79	0.12	12.45	45.66
	T50MT004	9.21	3.72	11.42	3.20	0.99	0.15	9.82	38.51	11.33	3.79	14.69	4.11	1.27	0.19	13.94	49.32
	T50MT005	8.82	3.57	10.47	2.93	0.99	0.15	9.42	36.35	10.86	3.64	13.46	3.77	1.27	0.19	13.36	46.55
	T50MT006	9.33	3.76	11.42	3.20	0.99	0.15	9.95	38.80	11.48	3.84	14.69	4.11	1.27	0.19	14.12	49.70

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T50																	
	T50MT007	9.88	3.98	10.47	2.93	0.99	0.15	10.54	38.94	12.16	4.06	13.46	3.77	1.27	0.19	14.95	49.86
	T50MT008	10.40	4.18	10.47	2.93	0.99	0.15	11.09	40.21	12.80	4.27	13.46	3.77	1.27	0.19	15.73	51.49
	T50MT009	13.08	5.24	15.23	4.26	1.15	0.17	13.93	53.06	16.10	5.34	19.58	5.48	1.50	0.23	19.77	68.00
	T50MT010	14.58	5.83	15.23	4.26	1.15	0.17	15.52	56.74	17.95	5.94	19.58	5.48	1.50	0.23	22.03	72.71
	T50PE001	6.87	2.82	9.52	2.67	1.17	0.18	7.35	30.58	8.45	2.88	12.24	3.43	1.49	0.22	10.44	39.15
	T50PE002	8.36	3.50	10.85	3.04	2.02	0.30	8.99	37.06	10.29	3.57	13.95	3.91	2.61	0.39	12.76	47.48
	T50PE003	10.07	4.17	11.42	3.20	2.02	0.30	10.80	41.98	12.39	4.25	14.69	4.11	2.61	0.39	15.33	53.77
	T50PE004	10.36	4.28	12.00	3.36	2.02	0.30	11.10	43.42	12.75	4.36	15.42	4.32	2.61	0.39	15.76	55.61
	T50PE005	9.73	4.03	10.85	3.04	2.02	0.30	10.44	40.41	11.97	4.11	13.95	3.91	2.61	0.39	14.81	51.75
T55																	
	T55CA001	24.68	13.65	9.90	3.37	7.26	1.09	24.23	84.18	29.62	13.82	13.05	4.44	12.10	1.82	33.92	108.77
	T55CA002	34.19	19.16	14.30	4.86	12.49	1.87	33.65	120.52	41.02	19.40	18.85	6.41	20.82	3.12	47.10	156.72
	T55CA003	48.81	27.78	19.14	6.51	21.88	3.28	48.17	175.57	58.58	28.13	25.23	8.58	36.48	5.47	67.43	229.90
	T55CA004	21.40	12.05	9.90	3.37	5.96	0.89	21.08	74.65	25.68	12.20	13.05	4.44	9.93	1.49	29.50	96.29
	T55CA005	30.84	18.00	14.30	4.86	12.93	1.94	30.57	113.44	37.01	18.23	18.85	6.41	21.55	3.23	42.80	148.08
	T55CA006	40.72	24.15	19.14	6.51	19.73	2.96	40.49	153.70	48.86	24.46	25.23	8.58	32.90	4.94	56.67	201.64
	T55DJ001	17.25	9.69	5.72	1.94	6.00	0.90	16.99	58.49	20.71	9.81	7.54	2.56	9.82	1.47	23.78	75.69
	T55DJ002	16.23	8.91	4.80	1.63	4.18	0.63	15.92	52.30	19.48	9.03	6.32	2.15	6.96	1.04	22.28	67.26
	T55DJ003	18.79	11.03	5.65	1.92	11.67	1.75	18.65	69.46	22.55	11.17	7.45	2.53	19.45	2.92	26.10	92.17
	T55DJ004	19.01	10.91	5.72	1.94	9.45	1.42	18.79	67.24	22.81	11.05	7.54	2.56	15.76	2.36	26.30	88.38
	T55DJ005	21.52	12.23	5.72	1.94	9.45	1.42	21.23	73.51	25.83	12.38	7.54	2.56	15.76	2.36	29.72	96.15
	T55DJ006	21.90	12.41	5.72	1.94	8.77	1.32	21.60	73.66	26.28	12.56	7.54	2.56	14.44	2.17	30.23	95.78
	T55DJ007	25.55	14.40	8.47	2.88	10.17	1.53	25.17	88.17	30.66	14.59	11.17	3.80	16.96	2.54	35.23	114.95
	T55DJ008	29.88	16.66	10.12	3.44	9.39	1.41	29.38	100.28	35.86	16.88	13.34	4.54	15.38	2.31	41.13	129.44
	T55DJ009	35.65	20.21	10.12	3.44	15.23	2.28	35.15	122.08	42.78	20.46	13.34	4.54	25.38	3.81	49.21	159.52
	T55EU001	16.11	8.94	5.06	1.72	3.59	0.54	15.83	51.79	19.34	9.05	6.67	2.27	5.98	0.90	22.16	66.37
	T55EU002	26.24	14.46	9.90	3.37	7.26	1.09	25.75	88.07	31.49	14.65	13.05	4.44	12.10	1.82	36.04	113.59
	T55EU003	36.34	20.28	14.85	5.05	12.49	1.87	35.74	126.62	43.61	20.54	19.58	6.66	20.82	3.12	50.03	164.36
	T55EU004	44.48	25.86	20.35	6.92	17.97	2.70	44.07	162.35	53.38	26.19	26.83	9.12	29.96	4.49	61.69	211.66
	T55TE001	16.09	8.84	4.93	1.68	4.80	0.72	15.78	52.84	19.31	8.95	6.50	2.21	8.23	1.23	22.09	68.52
	T55TE002	16.99	9.60	5.21	1.77	5.70	0.86	16.75	56.88	20.39	9.72	6.87	2.34	9.77	1.47	23.44	74.00
	T55TE003	18.30	10.32	5.68	1.93	5.98	0.90	18.03	61.14	21.95	10.45	7.48	2.54	10.25	1.54	25.23	79.44
	T55TE004	19.60	10.92	7.13	2.42	6.57	0.99	19.27	66.90	23.52	11.06	9.40	3.19	10.95	1.64	26.97	86.73
	T55TE005	23.70	13.44	7.90	2.69	11.69	1.75	23.37	84.54	28.44	13.61	10.41	3.54	20.04	3.01	32.72	111.77
	T55TE006	23.48	13.56	10.52	3.58	12.49	1.87	23.23	88.73	28.17	13.74	13.86	4.71	20.82	3.12	32.52	116.94
	T55TE007	31.27	18.32	13.64	4.64	13.65	2.05	31.02	114.59	37.52	18.56	17.98	6.11	22.75	3.41	43.42	149.75
	T55TE008	43.03	25.30	18.94	6.44	19.34	2.90	42.71	158.66	51.63	25.62	24.97	8.49	32.25	4.84	59.79	207.59
	T55UN001	36.39	21.63	19.80	6.73	17.97	2.70	36.20	141.42	43.67	21.91	26.10	8.87	29.96	4.49	50.67	185.67
	T55UN002	46.16	26.99	26.40	8.98	19.73	2.96	45.78	177.00	55.39	27.34	34.80	11.83	32.90	4.94	64.07	231.27
	T55UN003	54.03	33.71	35.20	11.97	37.58	5.64	54.24	232.37	64.84	34.14	46.40	15.78	62.65	9.40	75.92	309.13
	T55VO001	11.04	6.27	4.09	1.39	4.66	0.70	10.89	39.04	13.24	6.35	5.39	1.83	7.70	1.16	15.24	50.91

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
T55																	
	T55VO002	13.67	7.78	5.28	1.80	6.21	0.93	13.49	49.16	16.41	7.88	6.96	2.37	10.36	1.55	18.89	64.42
	T55VO003	14.82	8.36	5.28	1.80	5.97	0.90	14.60	51.73	17.78	8.47	6.96	2.37	9.95	1.49	20.44	67.46
	T55VO004	18.87	10.87	7.17	2.44	9.72	1.46	18.67	69.20	22.65	11.01	9.45	3.21	16.21	2.43	26.13	91.09
	T55WA001	26.71	14.71	10.67	3.63	7.26	1.09	26.21	90.28	32.05	14.90	14.07	4.78	12.10	1.82	36.69	116.41
	T55WA002	35.73	20.30	14.85	5.05	15.74	2.36	35.25	129.28	42.87	20.56	19.58	6.66	26.24	3.94	49.34	169.19
	T55WA003	44.37	26.94	20.46	6.96	26.76	4.01	44.31	173.81	53.25	27.29	26.97	9.17	44.96	6.74	62.03	230.41
	T55WA004	58.34	33.94	23.10	7.85	23.74	3.56	57.80	208.33	70.01	34.37	30.45	10.35	39.58	5.94	80.91	271.61
	T55WA005	84.21	48.94	29.70	10.10	33.99	5.10	83.42	295.46	101.05	49.57	39.15	13.31	56.66	8.50	116.77	385.01
T60																	
	T60KI001	10.83	6.72	6.30	2.02	2.20	0.33	13.36	41.76	13.00	6.80	8.23	2.63	2.96	0.44	18.32	52.38
	T60KI002	18.34	11.72	11.88	3.80	5.63	0.84	22.78	74.99	22.00	11.86	15.51	4.96	7.59	1.14	31.23	94.29
	T60KI003	26.24	16.79	16.20	5.18	8.21	1.23	32.61	106.46	31.49	17.00	21.15	6.77	11.06	1.66	44.72	133.85
	T60KI004	26.65	17.03	16.20	5.18	8.21	1.23	33.11	107.61	31.98	17.24	21.15	6.77	11.06	1.66	45.40	135.26
	T60KI005	31.89	20.43	19.80	6.34	10.09	1.51	39.63	129.69	38.26	20.68	25.85	8.27	13.59	2.04	54.35	163.04
	T60KI006	32.27	20.65	19.80	6.34	10.09	1.51	40.10	130.76	38.73	20.91	25.85	8.27	13.59	2.04	54.99	164.38
	T60SO001	19.60	12.45	11.88	3.80	5.63	0.84	24.31	78.51	23.52	12.60	15.51	4.96	7.59	1.14	33.34	98.66
	T60SO002	27.31	17.43	16.20	5.18	8.25	1.24	33.92	109.53	32.78	17.64	21.15	6.77	11.12	1.67	46.51	137.64
	T60SO003	27.79	17.70	16.20	5.18	8.25	1.24	34.50	110.86	33.35	17.92	21.15	6.77	11.12	1.67	47.30	139.28
	T60SO004	34.32	22.03	19.80	6.34	11.13	1.67	42.68	137.97	41.18	22.31	25.85	8.27	15.00	2.25	58.52	173.38
	T60SO005	34.92	22.39	19.80	6.34	11.13	1.67	43.41	139.66	41.90	22.66	25.85	8.27	15.00	2.25	59.53	175.46
W10																	
	W10CE001	20.03	11.63	11.88	3.80	9.51	1.43	21.51	79.79	24.04	11.78	15.51	4.96	15.92	2.39	29.77	104.37
	W10CE002	29.25	17.00	16.20	5.18	12.70	1.91	31.40	113.64	35.10	17.21	21.15	6.77	20.54	3.08	43.47	147.32
	W10CE003	44.04	25.92	23.40	7.49	20.39	3.06	47.39	171.69	52.85	26.26	30.55	9.78	33.74	5.06	65.61	223.85
W15																	
	W15CE001	21.39	12.17	11.88	3.80	8.15	1.22	21.11	79.72	25.66	12.33	15.51	4.96	13.64	2.05	29.54	103.69
	W15CE002	29.67	17.61	16.20	5.18	12.29	1.84	29.50	112.29	35.60	17.84	21.15	6.77	20.58	3.09	41.30	146.33
W25																	
	W25AC001	0.59	0.13	1.54	0.37	0.02	0.00	1.11	3.76								
	W25AC002	0.63	0.14	1.54	0.37	0.02	0.00	1.18	3.88								
	W25AC003	0.91	0.20	2.52	0.61	0.02	0.00	1.70	5.96								
	W25AC004	0.97	0.21	2.52	0.61	0.02	0.00	1.80	6.13								
	W25AN001	0.49	0.10	0.38	0.40	0.00	0.00	0.90	2.27								
	W25AN002	0.76	0.16	0.38	0.40	0.00	0.00	1.41	3.11								
	W25AN003	0.59	0.13	1.54	0.37	0.00	0.00	1.08	3.71								
	W25AN004	0.96	0.21	1.54	0.37	0.00	0.00	1.77	4.85								
	W25HO001	0.34	0.07	0.48	0.13	0.00	0.00	0.63	1.65								
	W25HO002	0.58	0.12	0.69	0.19	0.00	0.00	1.06	2.64								
	W25WE001	4.09	1.26	3.80	2.02	0.05	0.01	8.26	19.49								
	W25WE002	4.45	1.37	5.70	3.03	0.05	0.01	8.98	23.59								
	W25WE003	5.73	1.76	4.82	1.35	0.05	0.01	11.56	25.28								

TABLE 3-5. HOURLY RATE ELEMENT

CAT	ID. NO.	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	RPR	TOTAL RATE
W25																	
	W25WE004	6.78	2.08	11.40	6.06	0.05	0.01	13.68	40.06								
	W25WE005	8.29	2.54	8.48	2.37	0.05	0.01	16.73	38.47								
	W25WE006	9.34	2.87	12.72	3.56	0.11	0.02	18.87	47.49								
	W25WE007	10.72	3.31	12.19	3.41	0.17	0.03	21.68	51.51								
	W25AO001	0.42	0.09	0.08	0.53	0.00	0.00	0.78	1.90								
	W25AO002	0.47	0.10	0.08	0.78	0.00	0.00	0.88	2.31								
	W25AO003	0.69	0.15	0.08	0.78	0.00	0.00	1.27	2.97								
	W25AO004	0.69	0.15	0.15	1.06	0.00	0.00	1.28	3.33								
	W25AO005	1.45	0.31	0.30	1.62	0.00	0.00	2.68	6.36								
	W25AO006	0.96	0.21	0.08	0.78	0.00	0.00	1.77	3.80								
W30																	
	W30SO001	2.35	1.43	0.77	0.19	0.25	0.04	2.48	7.51								
	W30SO002	2.85	1.72	0.77	0.19	0.25	0.04	3.00	8.82								
	W30SO003	3.11	1.88	0.77	0.19	0.25	0.04	3.27	9.51								
	W30SO004	1.61	0.94	0.00	0.01	0.00	0.00	1.40	3.96								
	W30SO005	1.80	1.05	0.00	0.01	0.00	0.00	1.57	4.43								
	W30SO006	2.08	1.21	0.00	0.01	0.00	0.00	1.81	5.11								
W35																	
	W35HO001	0.11	0.05	0.83	0.20	0.00	0.00	0.16	1.35								
	W35HO002	0.15	0.07	1.31	0.31	0.00	0.00	0.22	2.06								
	W35XX001	0.68	0.35	1.22	0.29	0.04	0.01	1.01	3.60								
	W35XX002	0.49	0.25	4.63	1.11	0.03	0.00	0.72	7.23								
	W35XX003	0.73	0.37	1.71	0.41	0.04	0.01	1.07	4.34								
	W35XX004	0.52	0.27	4.63	1.11	0.04	0.01	0.78	7.36								
	W35XX005	0.80	0.42	1.71	0.41	0.07	0.01	1.19	4.61								
	W35XX006	0.57	0.29	7.71	1.85	0.04	0.01	0.84	11.31								
	W35XX007	0.88	0.45	2.88	0.69	0.07	0.01	1.30	6.28								
	W35XX008	0.73	0.37	8.19	1.97	0.04	0.01	1.07	12.38								
	W35XX009	0.37	0.12	0.96	0.38	0.00	0.00	0.33	2.16								
	W35XX010	0.44	0.15	1.20	0.48	0.00	0.00	0.40	2.67								
	W35XX011	0.37	0.12	0.48	0.19	0.00	0.00	0.33	1.49								
	W35XX012	0.38	0.13	0.96	0.38	0.00	0.00	0.34	2.19								
	W35XX013	0.17	0.06	0.91	0.36	0.00	0.00	0.16	1.66								
	W35XX014	0.22	0.08	1.15	0.46	0.00	0.00	0.20	2.11								
	W35XX015	0.59	0.20	1.44	0.58	0.00	0.00	0.53	3.34								
	W35XX016	1.02	0.34	2.02	0.81	0.00	0.00	0.92	5.11								
	W35XX017	0.09	0.03	0.91	0.36	0.00	0.00	0.08	1.47								
	W35XX018	0.26	0.09	1.15	0.46	0.00	0.00	0.24	2.20								

APPENDIX A

REFERENCES

1. "FAR 31.105 Construction and Architect-Engineer Contracts", Federal Acquisition Regulation, Government Printing Office, Washington, D.C., 1990.

2. "FAR 31.205-10 Cost of Money", Federal Acquisition Regulation, Government Printing Office, Washington, D.C., 1990.

3. "FAR 31.205-24 Maintenance and Repair Costs", Federal Acquisition Regulation, Government Printing Office, Washington, D.C., 1990.

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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:					0.00 %
Working Hours Per Year:					1,150 Hrs/Yr
Labor Adjustment Factor (LAF):					1.220
Electricity Cost Per Kilowatt-Hour:					$ 0.080 /Kw-Hr
Gasoline Cost Per Gallon:					$ 1.430 /Gal.
Diesel Cost Per Gallon (Off-Road Use):					$ 1.000 /Gal.
Diesel Cost Per Gallon (On-Road Use):					$ 1.360 /Gal.
Cost-of-Money Rate (Undiscounted):					8.375 %
Cost-of-Money Rate (Discounted):					6.700 %
Freight Rates:		0	thru	24,000 lbs.	$ 35.000 /Cwt.
	over	24,000	thru	30,000 lbs.	$ 31.800 /Cwt.
	over	30,000	thru	44,000 lbs.	$ 24.350 /Cwt.
	over	44,000	thru	60,000 lbs.	$ 17.800 /Cwt.
	over	60,000	thru	70,000 lbs.	$ 15.900 /Cwt.
	over	70,000	thru	80,000 lbs.	$ 15.450 /Cwt.
	over	80,000	thru	9,999,900 lbs.	$ 14.300 /Cwt.

APPENDIX C

GUIDE FOR SELECTING OPERATING CONDITIONS

EQUIPMENT TYPE	AVERAGE	SEVERE
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 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)

EQUIPMENT TYPE	AVERAGE	SEVERE
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. Pushloading 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. Pushloading in rocky, boulder-strewm borrow pits. High impact conditions.
Depreciation Period	10,000 Hrs.	8,000 Hrs.

GUIDE FOR SELECTING OPERATING CONDITIONS (Continued)

EQUIPMENT TYPE	AVERAGE	SEVERE
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.
Depreciaton 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 overloading.
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)

EQUIPMENT TYPE	AVERAGE	SEVERE
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)

EQUIPMENT TYPE	AVERAGE	SEVERE
Motor Graders	Haul road maintenance. Road construction, ditching. Loose fill spreading. Land-forming, landleveling. Summer road maintenance with medium to heavy winter snow removal. Elevating grader use.	Maintenance of hard packed roads with embedded rock. Heavy fill spreading. Ripping-scarifying of asphalt or concrete. Continuous high load factor. High impact.
Depreciation Period	12,000 Hrs.	10,000 Hrs.
Loader Backhoes, Crawler or Wheel Mounted	Utility applications in medium to heavy soil. Occasional use of constant flow implements. Dig depths to 3.05m (10 ft.)	Production applications or digging in rock. Regular use of constant flow implements. Dig depths over 3.05m (10 ft.)
Depreciation Period	10,000 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 conditions: 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 E	G	D	HPF	FUEL FACTOR CARRIER E	G	D	FOG E	G	D	TIRE WEAR FACTORS FT	DT	TT	RPR
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	.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	.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	.00	.70
B25	.00		15	S	B	8,000	.15	0	.000	.000	.000	0	.000	.000	.000	.00	.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	.00	.70
B30	.20	LAYDOWN	15	A	B	10,000	.20	0	.000	.000	.000	0	.000	.000	.000	.00	.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	.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	.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	.00	.70
B35	.10		15	S	B	6,500	.15	0	.000	.000	.000	0	.000	.000	.000	.00	.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	.00	.70
B35	.20		15	S	B	7,000	.15	0	.000	.000	.000	0	.000	.000	.000	.00	.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	.00	.70
B35	.30		15	S	B	8,000	.15	0	.000	.000	.000	0	.000	.000	.000	.00	.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/SHOTCRETERS	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	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT E	G	D	HPF	FUEL FACTOR CARRIER E	G	D	FOG E	G	D	TIRE WEAR FACTORS FT	DT	TT	RPR
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)

CATEGORY	SUB	TYPE OF EQUIPMENT	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT E	G	D	HPF	FUEL FACTOR CARRIER E	G	D	FOG E	G	D	TIRE WEAR FACTORS FT	DT	TT	RPR
C90	.03		20	S	B	16,000	.15	85	.850	.088	.047	13	.130	.013	.007	.00	.30	.26	.86	.61	.00	.85
C90	.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
C90	.04		20	S	B	18,000	.15	85	.850	.088	.047	13	.130	.013	.007	.00	.30	.26	.86	.61	.00	.95
C95	.00	CRANES, TOWER	20	A	B	18,000	.20	65	.650	.067	.036	10	.100	.010	.006	.50	.30	.26	.00	.00	.00	.85
D10	.00	DRILLS, AIR TRACK, CRAWLER MTD	25	A	B	10,000	.20	80	.800	.083	.045	0	.000	.000	.000	.45	.32	.28	.62	.44	.00	1.00
D15	.00	DRILLS, BORING MACHINES	25	A	B	10,000	.20	80	.800	.083	.045	0	.000	.000	.000	.45	.32	.28	.62	.44	.00	.90
D20	.00	DRILLS, CORE, COLUMN MOUNTED	25	A	B	8,000	.20	80	.800	.083	.045	0	.000	.000	.000	.45	.16	.24	.00	.00	.00	.85
D25	.00	DRILLS, CORE, SKID MOUNTED	25	A	B	10,000	.20	80	.800	.083	.045	0	.000	.000	.000	.45	.16	.24	.00	.00	.90	1.00
D30	.00	DRILLS, EARTH/AUGER	25	A	B	10,000	.20	80	.800	.083	.045	13	.130	.013	.007	.45	.32	.28	.67	.57	.80	1.00
D35	.00	DRILLS, ROTARY BLAST HOLE																				
D35	.10	DIESEL or GASOLINE																				
D35	.11	0" THRU 11" DIA. HOLE	25	A	B	14,000	.20	80	.800	.083	.045	10	.100	.010	.006	.00	.38	.38	.62	.44	.00	1.00
D35	.12	OVER 11" DIAM.	25	A	B	18,000	.20	80	.800	.083	.045	10	.100	.010	.006	.00	.32	.32	.62	.44	.00	1.00
D35	.20	ELECTRIC																				
D35	.21	0" THRU 11" DIA. HOLE	25	A	B	14,000	.20	70	.700	.072	.039	10	.100	.010	.006	.50	.00	.00	.62	.44	.00	.55
D35	.22	OVER 11" DIAM.	25	A	B	18,000	.20	70	.700	.072	.039	10	.100	.010	.006	.50	.00	.00	.62	.44	.00	.55
F10	.00	FORK LIFTS	95	A	B	10,000	.20	65	.650	.067	.036	0	.000	.000	.000	.45	.24	.24	.87	.78	.90	.75
G10	.00	GENERATOR SETS																				
G10	.10	PORTABLE	30	A	B	8,000	.15	65	.650	.067	.036	0	.000	.000	.000	.00	.24	.24	.00	.00	.90	.60
G10	.10		30	S	B	7,000	.15	85	.850	.088	.047	0	.000	.000	.000	.00	.24	.24	.00	.00	.90	.70
G10	.20	SKID MOUNTED	30	A	B	10,000	.15	65	.650	.067	.036	0	.000	.000	.000	.00	.24	.24	.00	.00	.90	.70
G10	.20		30	S	B	8,000	.15	85	.850	.088	.047	0	.000	.000	.000	.00	.24	.24	.00	.00	.90	.80
G15	.00	GRADERS, MOTOR	35	A	B	12,000	.25	60	.600	.062	.033	0	.000	.000	.000	.00	.20	.34	.89	.71	.00	.70
G15	.00		35	S	B	10,000	.25	78	.780	.081	.043	0	.000	.000	.000	.00	.20	.34	.71	.51	.00	.75
H10	.00	HAMMERS, HYDRAULIC	95	A	B	6,000	.20	65	.650	.067	.036	0	.000	.000	.000	.00	.32	.32	.00	.00	.00	1.00
H15	.00	HEATERS, SPACE																				
H20	.00	HOIST	95	A	B	9,000	.20	65	.650	.067	.036	0	.000	.000	.000	.00	.24	.24	.00	.00	.00	.80
H25	.00	HYDRAULIC EXCAVATORS, CRAWLER MTD																				
H25	.10	DIESEL or GASOLINE																				
H25	.11	0 THRU 1 CY	65	A	B	8,000	.25	60	.600	.062	.033	0	.000	.000	.000	.00	.38	.38	.00	.00	.00	.70
H25	.11		65	S	B	6,500	.25	78	.780	.081	.043	0	.000	.000	.000	.00	.38	.38	.00	.00	.00	.80
H25	.12	OVER 1 CY THRU 2-1/2 CY	65	A	B	10,000	.20	60	.600	.062	.033	0	.000	.000	.000	.00	.38	.38	.00	.00	.00	.80
H25	.12		65	S	B	8,000	.20	78	.780	.081	.043	0	.000	.000	.000	.00	.38	.38	.00	.00	.00	.90
H25	.13	OVER 2-1/2 CY THRU 5 CY	65	A	B	12,000	.15	60	.600	.062	.033	0	.000	.000	.000	.00	.22	.22	.00	.00	.00	1.10
H25	.13		65	S	B	10,000	.15	78	.780	.081	.043	0	.000	.000	.000	.00	.22	.22	.00	.00	.00	1.20
H25	.14	OVER 5 CY	65	A	B	14,000	.15	60	.600	.062	.033	0	.000	.000	.000	.00	.24	.24	.00	.00	.00	1.20
H25	.14		65	S	B	12,000	.15	78	.780	.081	.043	0	.000	.000	.000	.00	.24	.24	.00	.00	.00	1.30
H30	.00	HYDRAULIC EXCAVATORS, WHEEL MTD																				
H30	.01	0 THRU 1 CY	65	A	B	8,000	.20	65	.650	.067	.036	10	.100	.010	.006	.00	.38	.36	.97	.78	.80	.50
H30	.01		65	S	B	6,500	.20	85	.850	.088	.047	13	.130	.013	.007	.00	.38	.36	.86	.61	.65	.55
H30	.02	OVER 1 CY	65	A	B	10,000	.15	65	.650	.067	.036	10	.100	.010	.006	.00	.38	.36	.97	.78	.80	.60

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (Continued)

CATEGORY	SUB	TYPE OF EQUIPMENT	EK	C	DC	LIFE	SLV	HPF	FUEL FACTOR EQUIPMENT E	G	D	HPF	FUEL FACTOR CARRIER E	G	D	FOG E	G	D	TIRE WEAR FACTORS FT	DT	TT	RPR
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 SKIDDERS	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 E	G	D	HPF	FUEL FACTOR CARRIER E	G	D	FOG E	G	D	TIRE WEAR FACTORS FT	DT	TT	RPR
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	.90
R10	.00		70	S	B	6,500	.20	0	.000	.000	.000	0	.000	.000	.000	.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 E	G	D	HPF	FUEL FACTOR CARRIER E	G	D	FOG E	G	D	TIRE WEAR FACTORS FT	DT	TT	RPR
R40	.00	ROLLERS, VIBRATORY, TOWED	55	A	B	8,000	.20	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	.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	.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	.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	.00	.00	.40	.59	.33	.65	.75
S10	.01		60	S	B	8,000	.20	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	.00	.00	.32	.59	.33	.65	.65
S10	.02		60	S	B	8,000	.15	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	.00	.00	.32	.59	.33	.65	.65
S15	.00		60	S	B	8,000	.15	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	.00	.00	.26	.59	.33	.65	.65
S20	.00		60	S	B	8,000	.15	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	.00	.00	.00	.65	.00	.72	.70
S25	.00		60	S	B	10,000	.20	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	.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	.00	.00	.28	.59	.33	.65	.85
S40	.00		60	S	B	8,000	.20	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	.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	.00	.00	.00	.00	.00	.00	.80
T10	.00		70	S	B	8,000	.20	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)		B																		
T15	.01	0 THRU 225 HP	70	A	B	10,000	.25	70	.700	.072	.039	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	.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	.00	.00	.28	.00	.00	.00	1.00
T15	.02		70	S	B	8,000	.20	91	.910	.094	.051	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	.00	.00	.24	.00	.00	.00	1.10
T15	.03		70	S	B	10,000	.15	91	.910	.094	.051	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	.00	.24	.28	.73	.44	.00	.60
T20	.00		75	S	B	8,000	.15	85	.850	.088	.047	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	.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	.00	.28	.28	.91	.68	.00	.90
T30	.00		80	S	B	6,500	.20	85	.850	.088	.047	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	.00	.28	.28	.91	.68	.00	.90
T35	.00		80	S	B	8,000	.20	85	.850	.088	.047	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	.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	.00	.00	.00	.00	.00	.00	.70
T40	.20		95	S	B	6,500	.20	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 E	G	D	HPF	FUEL FACTOR CARRIER E	G	D	FOG E	G	D	TIRE WEAR FACTORS FT	DT	TT	RPR
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)																				
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	TILT 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 E	G	D	HPF	FUEL FACTOR CARRIER E	G	D	FOG E	G	D	TIRE WEAR FACTORS FT	DT	TT	RPR
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																	
		1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
		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

EK	EQUIPMENT DIVISIONS	YEAR PURCHASE NEW																
		1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957
		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
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
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	965	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
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	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					
	1400-24	14.00 x 24.00	20	TT	795
SRL 1					
	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					
	500-12	5.00 x 12.00	4	TT	60
XTRA TRACTION MINE & INDUSTRIAL					
	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 3F					
	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.

No.	Condition	Factor Average	Factor Severe
A	Maintenance	1.00	1.00
B	Speeds	0.80	0.85
C	Curves	1.00	0.90
D	Surface Condition	0.90	0.70
E	Loads	0.90	0.80
		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
FINAL TIRE WEAR FACTORS			
	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.

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

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 IX shall be 3 months. For all other marine equipment (except hopper dredges) use months shall be 6 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

			PERCENT ANNUAL OWNERSHIP EXPENSE			HOURLY OPERATING EXPENSE FACTORS								
						PRIME POWER			SECONDARY POWER			WLS		
TYPE OF EQUIPMENT	LIFE (YRS)	SALVAGE VALUE FACTOR	DEPREC-IATION	CFC	ANNUAL EXPENSE	HP	G	D	HP	G	D	G	D	RPR
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:														
Pontoons	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).....>	$1.00 /gal

2. TABLE H-1 DATA:

a. Life (yrs).....>	30 yrs
(1) Annual Use-Months..(para 3)...>	3 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)>	1.22	
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 x 6.79%) = $251,230

(2) Monthly Ownership Expense:
($251230 / 3 mo.) = $83,743

(3) Hourly Ownership Expense:
($83743 / 500 hrs.) = $167.49

c. Standby Allowance:
= [((.50 x Depr. %) + CFC) x Equipment Cost]+Generator Allowance *

* NOTE: (If Applicable) -Generator Allowance (see Appendix H para 5)
= ((Generator H.P. / Total Secondary H.P.) x Secondary Fuel Cost)

(1) Annual Standby Expense:
[((.50 x 3.00%) + 3.79%) x $3700000] = $195,730

(2) Monthly Standby Expense: ($195730/3mo.) = $65,243

(3) Hourly Standby Expense: ($65243/500hrs) = $130.49

* (If Applicable) Generator Allowance:
((200 h.p. / 2475 h.p.) x $96.53) = + $7.80

Total Hourly Standby Allowance = $138.29

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 x 3730 h.p. x $1.00/gal) = $164.12 /hr

(2) Secondary Engine Fuel:
(0.039 x 2475 h.p. x $1.00/gal) = $96.53 /hr

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

(1) Prime Engine WLS: (0.33 x $164.12/hr) = $54.16 /hr

(2) Second Engine WLS: (0.33 x $96.53/hr) = $31.85 /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 Pres. Yr / 3749 Yr of Mfg) = 1.184

(2) Life (hrs) = (30yrs x 3mo x 500hrs) = 45,000 hrs

(3) Repair Cost:
($3700000 x 1.20 x 1.184 x 1.22)/45000 hrs = $142.52 /hr

d. Subtotal Operating Cost = (Fuel + WLS + Repairs)
($164.12 + $96.53 + $54.16 + $31.85 + $142.52) = $489.18 /hr

5. Subtotal Hourly Ownership & Operating Cost.
($167.49 /hr + $489.18 /hr) = $656.67 /hr

6. Subtotal Monthly Rate = (Hourly Total x Use Hours/Month)
($656.67 /hr x 500 hrs) = $328,335 /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..... $379,335 /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-ATHEY	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	FELKER/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) Dragline 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)