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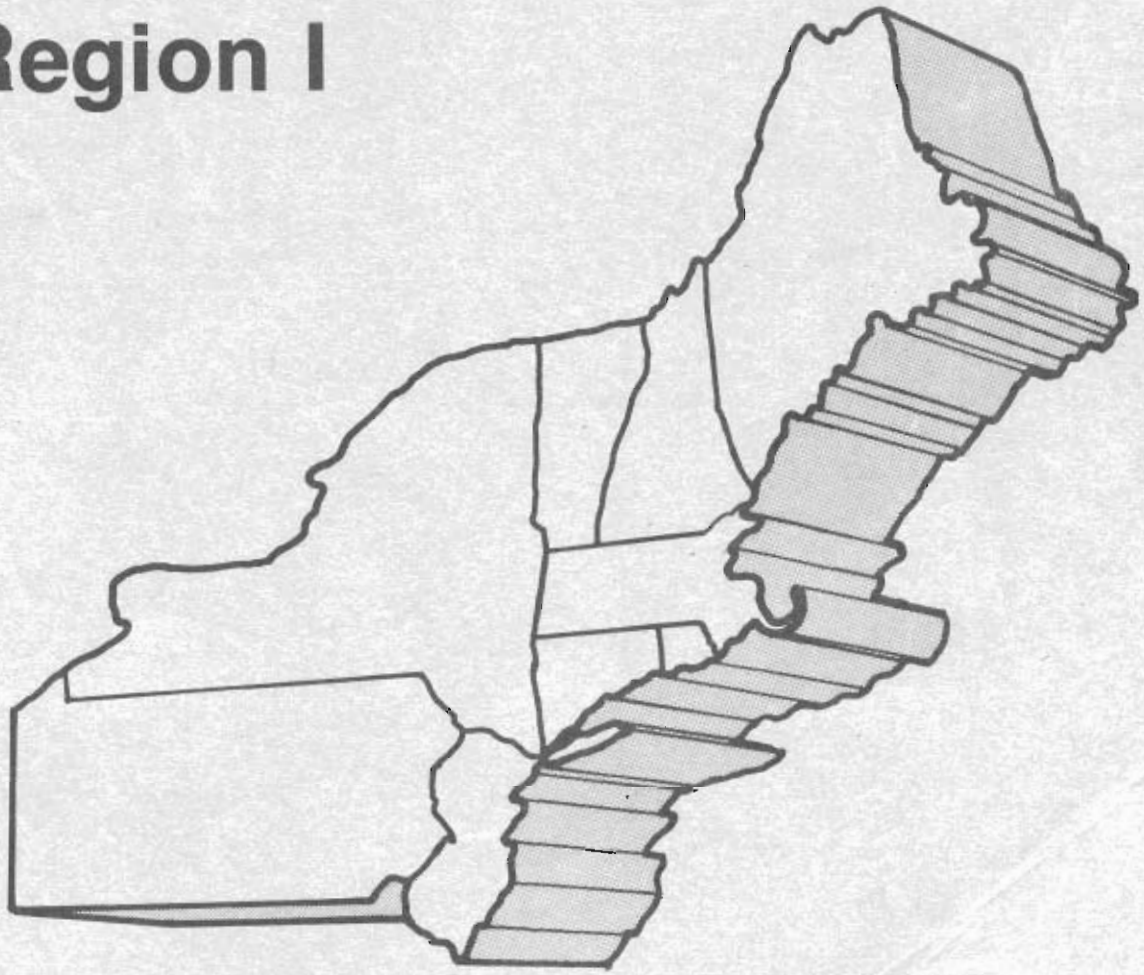
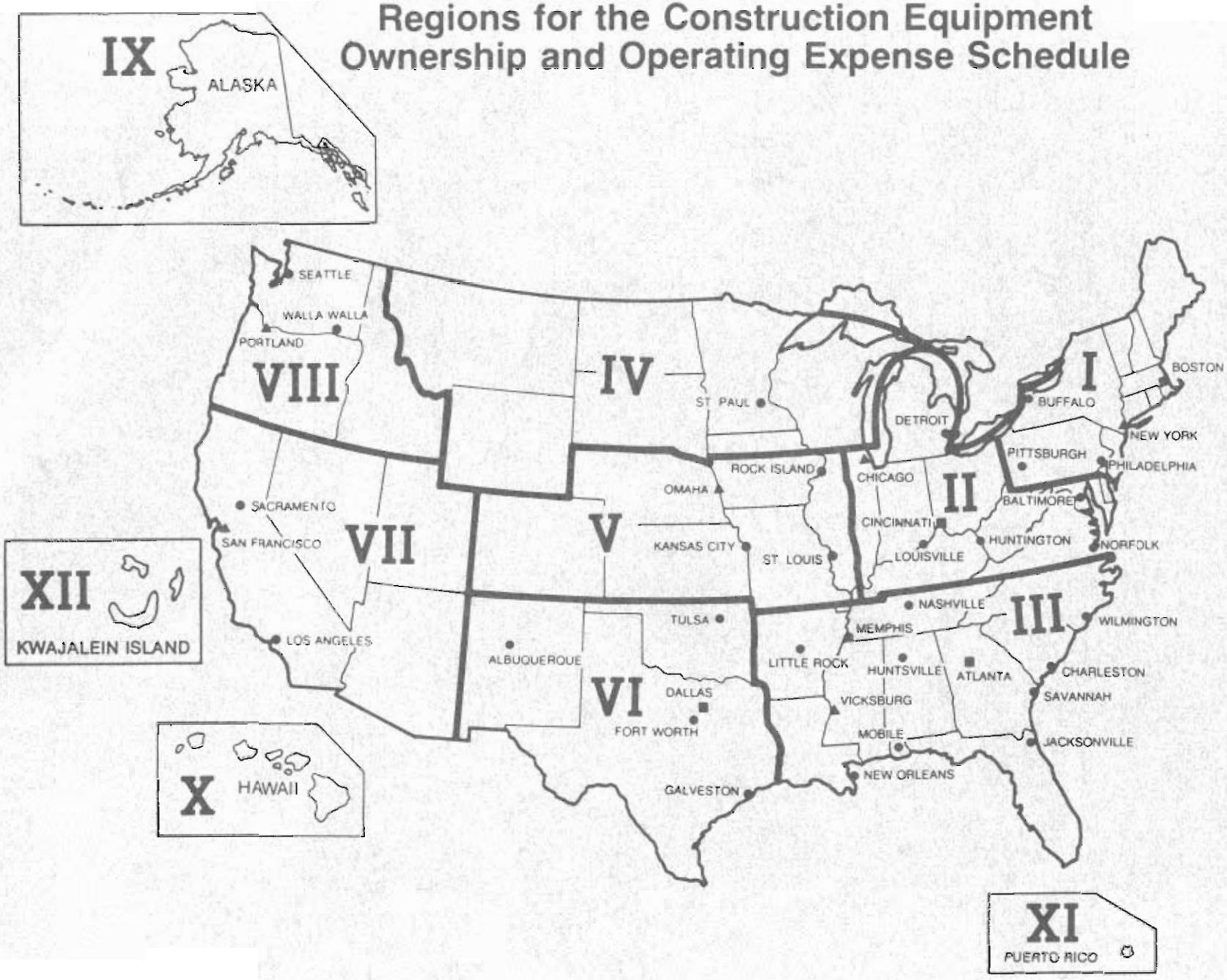
Construction Equipment Ownership and Operating Expense Schedule

Region I



Regions for the Construction Equipment Ownership and Operating Expense Schedule



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Pamphlet
No. 1110-1-8

1 December 1988

Engineering and Design
CONSTRUCTION EQUIPMENT OWNERSHIP
AND OPERATING EXPENSE SCHEDULE

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.

2. Applicability. This pamphlet applies to all HQUSACE elements and field operating activities having either military or civil works responsibilities for construction contracts in Region I which includes the following states:

Connecticut	New Hampshire	Pennsylvania
Maine	New Jersey	Rhode Island
Massachusetts	New York	Vermont

3. 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, 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 1986. Ownership percentages and operating cost factors for marine equipment, together with the methodology contained herein, can be used to develop marine equipment rates.

4. Obtaining Pamphlets. Copies of Volumes 1 through 12 of this pamphlet are available only through the U. S. Government Printing Office or their government bookstores. For additional information phone (202)783-3238 or write to the following address:

Superintendent of Documents
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Washington, D.C. 20402

FOR THE COMMANDER:

ALBERT J. GENETTI, JR.
Colonel, Corps of Engineers
Chief of Staff

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No. 1110-1-8

1 December 1988

Engineering and Design

CONSTRUCTION EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE

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CHAPTER 1

INTRODUCTION

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

1-2. Applicability. This pamphlet applies to all field operating activities having either military or civil works responsibilities for construction contracts for work in Region I, which includes the following states:

Connecticut	New York
Maine	Pennsylvania
Massachusetts	Rhode Island
New Hampshire	Vermont
New Jersey	

1-3. References. See APPENDIX A.

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, 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 1986. Ownership percentages and operating costs factors for marine equipment, together with the methodology contained herein, 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).

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. The methodology used to compute the annual ownership percentages for marine equipment is provided in APPENDIX H.

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; and (3) overhead expenses. 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.

b. Operating Conditions.

(1) Equipment rates have been computed for both "Average" and "Severe" working conditions in accordance with the "Guide for Selecting Operating Conditions" in APPENDIX C. "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."

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 price for the equipment, including extras 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. Freight and import tax are added to the discounted price to arrive at the predetermined "equipment cost."

(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 EAF factor is obtained from APPENDIX E and is equal to the economic index for the current 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 1986.

(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 current year) which are listed in APPENDIX E. Current tire prices are provided in APPENDIX J 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 "LFE" in thousand hours.).

(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 (9.250%) 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 7.40% 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.

$$\text{CFC/hr} = \frac{[(N-1)(1+S)+2]\ (\text{Equipment Cost})\ (7.40\%)}{2N\ \ (\text{Work Hrs per Year})}$$

Where: N = No. of years in depreciation period
S = Salvage Value Factor

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

(3) Licenses, Taxes, Storage and Insurance. License fees, taxes, storage, and insurance costs are considered indirect costs costs and are not included in the use rates. If the contractor normally allocates these costs directly to a particular item of work, an allowance for these costs may be made.

d. Operating Cost.

(1) General. The total operating cost is the sum of the costs for fuel, filters, oil and grease, servicing the equipment, repairs and maintenance, 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:

(1) 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.

(2) Gasoline consumption = 0.62 lbs per bhp-hr

(3) Diesel consumption = 0.42 lbs per bhp-hr

(4) Gasoline weight = 6.1 lbs per gallon

(5) Diesel weight = 7.1 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 "hp Factors" are given in APPENDIX D.

(d) The cost per gallon for gasoline and diesel fuel and the cost per kilowatt hour for electricity used to compute the hourly fuel and electricity costs are shown in APPENDIX B. The hourly fuel costs for all gasoline powered equipment and 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 included in TABLE 3-1 are also noted separately for both average and severe conditions. 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 the basic computation. 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 either a percentage of the hourly fuel costs (see APPENDIX D) or, if the equipment has no engine, a reasonable

hourly cost is included. Labor, fringe benefits, and equipment costs for fueling, greasing, and servicing are included in the rate. Material costs for filters, oil, and grease include an allowance for all taxes. The FOG allowance for cranes, draglines, backhoes, and shovels (except Key Numbers 150, 185, 200, 210, and 570) has been reduced to allow for servicing normally performed by the oiler assigned to the piece of equipment.

(4) Maintenance and Repair Costs.

(a) The cost of maintenance and repairs includes all expenses incurred for parts, sales taxes, labor, fringe benefits, shop overhead, supporting facilities, outside specialty services, and maintenance equipment. The basic hourly costs are computed as follows:

$$\text{Repairs/hr} = \frac{(\text{New Equipment Cost} - \text{Tire Cost})\ (\text{Repairs \%})}{\text{Life in Hrs}}$$

The maintenance and repair cost percentages are given in APPENDIX D (Column "RPR"). The tire cost is the cost of the tires when the equipment was purchased new.

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

(1) 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 current year divided by the economic index for the year the piece of equipment was purchased new.

(2) Labor Adjustment Factor. The labor adjustment factor (LAF) is used to adjust the repairs percentage (RPR) to account for variations in labor costs. The factor for the area 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 J.

(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 General Motors. The maximum tire life, however, has been assumed to be as indicated in APPENDIX F. A sample computation of the tire wear factors for off-highway haul units is given in APPENDIX F.

(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. No more than 8 hours of standby will be paid during a 24-hour day, nor more than 40 hours per week. Standby time will not be allowed unless the equipment has been in idle status in excess of 16 hours during a 24-hour day. Likewise, standby will not be allowed during periods when the equipment would have otherwise been in idle status. Actual operating time during a week will be credited against the 40 hours maximum standby allowance.

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 those 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 computations or may be calculated by the use of 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, the procedure given shall be followed.

CONSTRUCTION EQUIPMENT HOURLY OWNERSHIP AND OPERATING RATE WORK SHEET
(EP 1110-1-8)

1. REQUIRED DATA

(Since this request for information is to less than ten persons, OMB approval under Section 3507, 44 USC, is not required.)

a. Unit Number 3815

(1) Equipment Description P&H TRUCK CRANE 70TON

(2) Model and Series MODEL 9070

(3) Year Purchased 1986 (4) Year Manufactured 1986

(5) Equipment Horsepower 140 HP (6) Carrier Horsepower 335 HP

(7) Fuel Type DIESEL(OFF)/DIESEL(ON) (8) Shipping Weight 115 CWT

(9) Tire Size: Front-16.5x22.5 (4EA) 16PLY Drive-12x20 (8EA) 16PLY Trailing-—

b. Key Number from APPENDIX D 230

(1) Condition AVERAGE

(2) Salvage Value % 15% (3) Life 20,000 hrs

(4) Equipment Fuel Factor .038 (5) Carrier Fuel Factor .006

(6) FOG Factor: Gas — Diesel .26 Electric —

(7) Tire Wear Factor: Front .97 Drive .78 Trailing —

(8) Repairs Cost Factor .70

2. EQUIPMENT COST

a. List Price Year of Manufacture (including extras) =$397,238.00

(1) Discount: (List Price) x *7.5% *(~~17.5%~~ 15.0% for Highway Trucks)

=($397,238) x *.075 =(-)$29,792.85

(2) Freight: (Shipping Weight) x (Prep. and Del. Rate)
From 1-a-(8) From APPENDIX B

=(1,115) x ($4.15) =(+)$4627.25

b. Subtotal: Summation of Part a. (Use actual cost when available) =$372,072.40

(1) State Sales Tax: (Subtotal) x (Tax Rate)
From 2-b

=($372,072) x (0.055) =(+)$20,463.98

c. Equipment Cost: Summation of Part b. (Use actual cost when available) =$392,536.38

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Figure 2-1. Example of Equipment Rate Computation.

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

3. LIFE (N)

(Life From 1-b-(3)) ÷ (Hours Use/Year From APPENDIX B)

= (20,000 Hrs) ÷ (1,450 Hrs/Yr) 13.79 Yrs.

4. ECONOMIC ADJUSTMENT FACTOR (EAF)

(Economic Index for Present Year From APPENDIX E) ÷ (Economic Index for Year of Manufacture From APP. E)

= (3678) ÷ (3485) = 1.055 (EAF)

5. SALVAGE VALUE FACTOR (S)

(Salvage Factor From 1-b-(2)) x (EAF From 4)

= (0.15) x (1.055) = 0.158 (S)

6. OWNERSHIP COSTS

a. Depreciation:

$$[(\text{Equipment Cost From 2-c}) \times [1.0 - (\text{S From 5})] - (\text{Tire Cost Yr. of Mfg.})] \div (\text{Life From 1-b-(3)})$$

= [($ 392,536) x [1.0 - (0.158)] - ($ 6,619)] ÷ (20,000 Hr) = $ 16.19 /Hr.

b. Cost of Facilities Capital (CFC):

(1) $$[[(\text{Life From 3}) - 1.0] \times [(\text{S From 5}) + 1.0] + 2.0] \div [(\text{Life From 3}) \times 2.0]$$

= [[(13.79 Yrs) - 1.0] x [(0.158) + 1.0] + 2.0] ÷ [(13.79 Yrs) x 2.0] = 0.610

(2) $$(\text{Equipment Cost From 2-c}) \times (\text{Average Value Factor From 6-b-(1)}) \times (\text{CFC Factor From Para. 2-2.c.(2)}) \div (\text{Hrs Use/Yr From APP. B})$$

= ($ 392,536) x (0.610) x (.074) ÷ (1,450 Hrs/Yr) = $ 12.22 /Hr.

c. Total Hourly Ownership: (Sum 6-a + 6-b-(2)) = $ 28.41 /Hr.

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Figure 2-1. (Contuined)

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

7. OPERATING COSTS

a. Fuel Costs:

(1) Equipment: (Equip Fuel Factor) x (H.P. From) x (Fuel Cost)
From 1-b-(4) 1-a-(5) Per Gal.

=(.038) x (140 HP) x ($ 0.66 /Gal) =$ 3.51 /Hr.

(2) Carrier: (Carrier Fuel Factor) x (H.P. From) x (Fuel Cost)
From 1-b-(5) 1-a-(6) Per Gal.

=(.006) x (335 HP) x ($ 0.91 /Gal) =$ 1.83 /Hr.

(3) Total Fuel Costs: (Sum 7-a-(1), 7-a-(2)) =$ 5.34 /Hr.

b. POG Costs:

(1) Equipment: (POG Factor) x (Hourly Fuel Cost)
From 1-b-(6) From 7-a-(1)

=(.26) x ($ 3.51 /Hr) =$ 0.91 /Hrs.

(2) Carrier: (POG Factor) x (Hourly Fuel Cost)
From 1-b-(6) From 7-a-(2)

=(.26) x ($ 1.83 /Hr) =$ 0.48 /Hr.

(3) Total POG Costs: (Sum 7-b-(1), 7-b-(2)) =$ 2.31 /Hr.

c. Repairs Cost:

(1) Repair Factor:

(Repairs Cost Factor) x (EAF) x (LAF From)
From 1-b-(8) From 4 APP. B

=(.70) x (1.055) x (1.03) = 0.761

(2) Hourly Repairs:

[(Equipment Cost From 2-c) - (Tire Cost Yr. of Mfg.)] x (Repair Factor From 7-c-(1)) ÷ (Life From 1-b-(3))

=[($ 392,536) - ($ 6,619)] x (0.761) ÷ (20,000 Hr) =$ 14.68 /Hr.

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Figure 2-1. (Continued)

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

d. Tire Wear Costs (Current Price Levels):

(1) Front Tires: 1.5 x (Front Tires Cost) ÷ [1.8 x (F-Tire Ftr Frm 1-b-(7)) x (Max Tire Life Prm Tbl F-1)]

=1.5x($ 2512)÷[1.8x(0.97)x(5,000 Hr)] =$ 0.43 /Hr.

(2) Drive Tires: 1.5 x (Drive Tires Cost) ÷ [1.8 x (D-Tire Ftr Frm 1-b-(7)) x (Max Tire Life Frm Tbl F-1)]

=1.5x($ 4,256)÷[1.8x(0.78)x(5,000 Hr)] =$ 0.91 /Hr.

(3) Trailing Tires: 1.5x(Trlg Tires Cost) ÷ [1.8x(T-Tire Ftr Frm 1-b-(7)) x (Max Tire Life Frm Tbl F-1)]

=1.5x($ —)÷[1.8x(—)x(— Hr)] =$ — /Hr.

(4) Total Tire Wear Cost: (Sum 7-d-(1) thru (3)) =$ 1.34 /Hr.

e. Tire Repair Cost: (Tire Wear Frm 7-d-(4)) x 0.15

=($ 1.34) x 0.15 =$ 0.20 /Hr.

f. Total Operating Costs: (Sum 7-a thru 7-e) =$ 22.95 /Hr.

8. TOTAL HOURLY RATES

a. Single Shift Hourly Rate: (40 Hours per Week)

(Ownership Costs Frm 6-c) + (Operating Costs Frm 7-f)

=($ 28.41 /Hr) + ($ 22.95 /Hr) =$ 51.36 /Hr.

b. Hourly Rate for Other Work Shifts:

(Depreciation) From 6-a + [(CPC Frm 6-b-(2)) x 40 ÷ (Work Hrs Per Week)] + (Operating Costs Frm 7-f)

=($ 16.19 /Hr) + [($ 12.22 /Hr) x 40 ÷ (60 Hr/Wk)] + ($ 22.95 /Hr) =$ 47.29 /Hr.

c. Hourly Standby Rate:

(Depreciation) From 6-a x ~~0.25~~ 0.50 + (CPC Frm 6-b-(2))

=($ 16.19 /Hr) x ~~0.25~~ 0.50 + ($ 12.22 /Hr) =$ 20.32 /Hr.

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Figure 2-1. (Continued)

CHAPTER 3

RATE SCHEDULE

3-1. Introduction. Hourly rates for construction equipment for both average and severe conditions are presented in TABLE 3-1. The rates may be adjusted when (a) "Difficult Conditions" are specified by the contract, (b) actual acquisition cost is significantly different from the "Equipment Cost" shown, (c) age is different from that used, (d) license, taxes, storage and insurance costs are charged directly to an item of work, (e) fuel costs differ by more than 10% from the cost shown, (f) CFC percentage for the time period in question is different than that shown in paragraph 2-2.c.(2), and (g) 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.

(1) The following example illustrates how the equipment is listed in TABLE 3-1. The unit number 3725 is the identifying number of this piece of equipment in the input and output computer listings. The number 5530 is the model number of the equipment (American Model 5530 Truck Crane). The crane is rated at 75 tons and is equipped with a 170-foot boom. The crane has a 115-horsepower engine, the carrier has a 238-horsepower engine and both engines are diesel. The cost column reflects the pre-determined "equipment cost" used to compute the rates.

(2) The "total hourly rate" column includes all ownership and operating expenses including fuel costs. The "Adjustable Elements" column shows ownership and fuel costs broken out of the total rate so they can be adjusted as indicated in CHAPTERS 2 and 3. Operating costs may be determined by subtracting the ownership cost from the total hourly rate. The CWT column is the shipping weight of the equipment 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 are listed separately. Only the hourly expense for those attachments that are required to perform the work shall be allowed.

d. Equipment Extras. Equipment extras included on the major pieces of equipment in TABLE 3-1 are listed in APPENDIX G.

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 rate cannot be determined from TABLE 3-1, the rate will be calculated following the procedures 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 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.

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. In order to facilitate these adjustments, work sheets such as those shown at the end of TABLES 3-2 and 3-3 may be used.

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 unit 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 (REPR).

j. CFC Adjustment. If the cost-of-money rate shown in paragraph 2-2.c.(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 I for a complete listing of cost-of-money rates to date.

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UNIT NO.	EQUIPMENT		VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
				CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
				AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	AGGREGATE/CHIP SPREADER										
	ETNYRE - SELF-PROPELLED										
1015	SPREAD TO 8" DEPTH & 10' WIDE	184 HP G	58,509	21.40		4.24	6.50	8.35			155
1020	SPREAD TO 8" DEPTH & 13' WIDE	140 HP D	65,415	15.80		4.75	7.29	2.77			160
	ROSCO - SELF-PROPELLED										
1030	CHIP SPREADER AT 10' WIDE	137 HP G	60,704	19.18		4.40	6.75	6.22			170
1035	CHIP SPREADER AT 13.5' WIDE	137 HP G	61,475	19.32		4.46	6.84	6.22			175
	AIR COMPRESSORS, PORTABLE (HOSE NOT INCLUDED)										
	ROTARY SCREW										
1050	SIZE 100 CFM QUIET 100 PSI	50 HP G	11,415	5.97		0.82	1.23	2.94			20
1055	SIZE 100 CFM QUIET 100 PSI	33 HP D	13,694	3.57		0.98	1.48	0.83			26
1060	SIZE 125 CFM QUIET 100 PSI	70 HP G	13,970	7.99		1.00	1.51	4.11			24
1065	SIZE 125 CFM QUIET 100 PSI	51 HP D	14,859	4.37		1.07	1.61	1.28			26
1070	SIZE 175 CFM QUIET 100 PSI	70 HP G	15,246	8.23		1.09	1.65	4.11			26
1075	SIZE 175 CFM QUIET 100 PSI	54 HP D	17,300	4.90		1.24	1.87	1.35			28
1080	SIZE 185 CFM QUIET 100 PSI	70 HP G	15,742	8.32		1.13	1.70	4.11			27
1085	SIZE 185 CFM QUIET 100 PSI	69 HP D	18,570	5.62		1.33	2.01	1.73			29
1090	SIZE 250 CFM QUIET 100 PSI	88 HP D	21,738	6.83		1.56	2.36	2.21			55
1095	SIZE 375 CFM QUIET 100 PSI	122 HP D	34,305	10.26		2.44	3.67	3.06			79
1100	SIZE 450 CFM QUIET 100 PSI	152 HP D	44,458	13.08		3.16	4.77	3.81			89
1105	SIZE 600 CFM QUIET 100 PSI	188 HP D	53,383	15.89		3.80	5.73	4.72			97
1110	SIZE 750 CFM QUIET 100 PSI	228 HP D	61,908	18.73		4.41	6.66	5.72			128
1115	SIZE 825 CFM QUIET 100 PSI	260 HP D	70,439	21.33		5.03	7.59	6.52			130
1120	SIZE 900 CFM QUIET 100 PSI	270 HP D	77,183	22.89		5.51	8.32	6.77			148
1125	SIZE 1000 CFM QUIET 100 PSI	294 HP D	75,062	23.26		5.36	8.09	7.37			186
1130	SIZE 1200 CFM QUIET 100 PSI	400 HP D	103,203	31.84		7.38	11.16	10.03			196
1135	SIZE 1600 CFM QUIET 100 PSI	456 HP D	116,678	36.12		8.34	12.61	11.44			216

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	AIR EQUIPMENT ********** (HOSE NOT INCLUDED)									
	CLEMCO - SANDBLASTERS									
1150	SCW-1042P SANDBLASTER 1/2" HOSE 101CFM A CAP. 100 LBS. W/ACC. AND 25' HOSE	1,535	1.03		0.21	0.36	0.00			3
1155	SCW-1440P SANDBLASTER 1" HOSE 101CFM A CAP. 150 LBS W/ACC. AND 50' HOSE	2,797	1.84		0.39	0.66	0.00			5
1160	SCWB-1648P SANDBLASTER 1" HOSE 101CFM A CAP. 300 LBS. W/ACC. AND 50' HOSE	2,815	1.86		0.39	0.67	0.00			6
1165	SCWB-2452HPSANDBLASTER 1-1/4" HOS 216CFM A CAP. 600 LBS. W/ACC. AND 50' HOSE	3,094	2.10		0.43	0.73	0.00			7
1170	SCH-3079R SANDBLASTER 1-1/4" PIPE 216CFM A CAP. 1400 LBS W/HOPPER & 50' HOSE	4,184	2.79		0.58	0.99	0.00			9
1175	MOD 60-H SANDBLASTER 1-1/4" PIPE 450CFM A CAP. 3-TONS W/2 NOZZ. & 50' HOSE	12,164	7.90		1.63	2.80	0.00			28
1180	MOD 120-H SANDBLASTER 1-1/4" PIPE 700CFM A CAP. 6-TONS W/3 NOZZ. & 50' HOSE	14,952	9.60		1.96	3.35	0.00			45
1185	MOD 160-H SANDBLASTER 1-1/4" PIPE 900CFM A CAP. 8-TONS W/4 NOZZ. & 50' HOSE	18,236	11.80		2.42	4.13	0.00			53
	GARDNER DENVER - TOOLS									
1195	SPADER SP27E 32CFM A	932	0.65		0.13	0.22	0.00			1
1200	SINKER DRILL S58 98CFM A	2,043	1.41		0.28	0.48	0.00			1
1205	PAVING BREAKER B37 41CFM A	956	0.67		0.14	0.23	0.00			1
1210	PAVING BREAKER B67C 46CFM A	1,025	0.71		0.14	0.24	0.00			1
1215	PAVING BREAKER B87C 50CFM A	1,114	0.77		0.15	0.26	0.00			1
1220	FEED LEG DRILL S83F-54" TRAVEL 103CFM A RETRACTABLE FL-7	3,756	2.51		0.51	0.88	0.00			1
	MASTER - CONCRETE VIBRATORS									
1230	CONCRETE VIBR. MOD A-600SH 6" 125CFM A	2,016	1.97		0.28	0.48	0.00			1
1235	CONCRETE VIBR. MOD A-450SH 4.5" 110CFM A	1,296	1.30		0.18	0.31	0.00			1
1240	CONCRETE VIBR. MOD A-35010 3.5" 82CFM A	1,163	1.15		0.16	0.27	0.00			1
1245	CONCRETE VIBR. MOD A-30010 3" 64CFM A	1,050	1.03		0.15	0.25	0.00			1
1250	CONCRETE VIBR. MOD A-25010 2.5" 40CFM A	823	0.80		0.11	0.19	0.00			1

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

UNIT NO.	EQUIPMENT				VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	ASPHALT DISTRIBUTOR ********** (NO CHASSIS)												
	ROSCO												
1265	MOD RES 1000 GAL. TRUCK MOUNTED 18,000 TO 24,000 GVW REQUIRED	45	HP	G	32,171	10.05		2.37	3.64	2.64			72
1270	MOD RES 1500 GAL. TRUCK MOUNTED 24,000 TO 32,000 GVW REQUIRED	45	HP	G	32,947	10.20		2.42	3.72	2.64			75
1275	MOD RES 2000 GAL. TRUCK MOUNTED 32,000 GVW REQUIRED	45	HP	G	35,249	10.67		2.59	3.98	2.64			87
1280	MOD RES 3000 GAL. TRUCK MOUNTED 42,000 GVW REQUIRED	45	HP	G	39,554	11.55		2.90	4.47	2.64			109
	ASPHALT FINISHERS ********** SPW=STANDARD PAVING WIDTH												
	BARBER-GREENE												
1295	MOD BG220 8' SPW (PNEUMATIC) W/ 15'-6" SCREED EXT.	78	HP	D	130,455	29.90		9.49	14.58	1.96			230
1300	MOD BG240 10' SPW (PNEUMATIC) W/ 19' SCREED EXT.	96	HP	D	147,843	34.25		10.68	16.37	2.41			290
1305	MOD BG260 10' SPW (PNEUMATIC) W/ 19' SCREED EXT.	142	HP	D	165,147	39.37		11.95	18.33	3.56			320
1310	MOD BG225 8' SPW (CRAWLER) W/ 15'-6" SCREED EXT.	78	HP	D	150,652	34.00		11.05	17.02	1.96			250
1315	MOD BG245 10' SPW (CRAWLER) W/ 19' SCREED EXT.	96	HP	D	173,893	39.44		12.76	19.65	2.41			320
1320	MOD BG265 10' SPW (CRAWLER) W/ 19' SCREED EXT.	142	HP	D	211,745	48.83		15.54	23.93	3.56			370
	BLAW-KNOX												
1330	MOD PF-22 5'-8'SPW (PNEUMATIC)	30	HP	D	50,696	11.67		3.65	5.58	0.75			95
1335	MOD PF-35 6'-8'SPW (PNEUMATIC)	44	HP	D	84,118	19.11		6.10	9.36	1.10			104
1340	MOD PF-115 8'SPW (PNEUMATIC)	56	HP	D	112,349	25.46		8.14	12.48	1.40			180
1345	MOD PF-120H 10'SPW (PNEUMATIC)	95	HP	D	136,220	31.79		9.83	15.05	2.38			240
1350	MOD PF-180H 10'SPW (PNEUMATIC)	92	HP	D	161,929	37.14		11.67	17.88	2.31			277
1355	MOD PF-220 12'SPW (PNEUMATIC)	148	HP	D	210,712	49.28		15.18	23.24	3.71			387

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	ASPHALT FINISHERS (CONT'D) ********** SPW=STANDARD PAVING WIDTH									
	BLAW-KNOX (CONT'D)									
1360	MOD PF-400A 8'SPW (CRAWLER) 90 HP D	150,275	34.31		11.03	16.98	2.26			230
1365	MOD PF-500 10'SPW (CRAWLER) 125 HP D	180,837	41.82		13.27	20.44	3.13			291
	ASPHALT KETTLES **********									
	ROSCO									
1380	MOD KB 110 GAL. TRAILER MOUNTED	4,149	2.03		0.34	0.54	0.00			13
1385	MOD KD 225 GAL. TRAILER MOUNTED	4,888	2.32		0.41	0.64	0.00			16
	AEROIL									
1395	MOD KE-B-80 GAL. TRAILER MOUNTED	2,867	1.59		0.24	0.37	0.00			9
1400	MOD KE-BR-115 GAL. TRAILER MOUNTED	3,376	1.96		0.28	0.43	0.00			15
	ASPHALT RECYCLER **********									
	AEROIL									
1415	MOD AR-100 TRAILER MOUNTED 7 HP G	9,218	4.38		0.77	1.22	0.41			16
	BROOMS ********									
	M-B									
1430	MOD 53T HYD 7 FT. TOWED MECH DRIVE W/SPRINKLER	6,822	1.60		0.50	0.76	0.00			24
1435	MOD 53-M 7 FT. TOWED 30 HP G MOTOR DRIVEN W/SPRINKLER	8,776	3.93		0.64	0.98	1.76			30
1440	MOD MT 7 FT. TRACTOR MOUNTED PTO DRIVE W/SPRINKLER	3,319	0.76		0.24	0.37	0.00			10
1445	MOD HT 7 FT. TRACTOR MOUNTED HYD DRIVE W/SPRINKLER	5,981	1.32		0.44	0.67	0.00			14

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	BRUSH CHIPPERS									
	CHIPMORE									
1460	MOD TM-20 TRAILER-MTD 11 HP G	4,077	1.45		0.30	0.45	0.45			7
1465	MOD TM-30 TRAILER-MTD 18 HP G	4,883	2.00		0.35	0.54	0.74			9
1470	MOD TM120 TRAILER-MTD 12" DIA.LOG 60 HP G	10,350	5.42		0.76	1.16	2.46			36
1475	MOD TM120 TRAILER-MTD 12" DIA.LOG 76 HP D	13,062	4.46		0.95	1.46	1.35			42
	FMC									
1485	MOD C-16S SKID-MTD 16" DIA.LOG 150 HP G	12,178	10.66		0.89	1.37	6.14			41
1490	MOD C-16T TRAILER-MTD 16" DIA.LOG 150 HP G	13,326	10.91		0.97	1.48	6.14			45
	BUCKETS, CLAMSHELL									
	ESCO - MODEL GPS GENERAL PURPOSE & SQUARE NOSE									
1505	.75 C.Y.	11,981	2.29	2.94	0.90	1.40	0.00	1.67	0.00	37
1510	1.0 C.Y.	12,855	2.47	3.16	0.97	1.51	0.00	1.79	0.00	41
1515	1.5 C.Y.	18,430	3.53	4.53	1.38	2.16	0.00	2.57	0.00	61
1520	2.0 C.Y.	21,405	4.10	5.24	1.61	2.51	0.00	2.97	0.00	69
1525	2.5 C.Y.	27,890	5.34	6.84	2.09	3.27	0.00	3.88	0.00	88
1530	3.0 C.Y.	29,549	5.66	7.25	2.21	3.46	0.00	4.11	0.00	94
1535	3.5 C.Y.	31,948	6.12	7.84	2.39	3.74	0.00	4.45	0.00	105
1540	4.0 C.Y.	35,186	6.74	8.63	2.64	4.12	0.00	4.89	0.00	115
1545	4.5 C.Y.	38,054	7.29	9.33	2.85	4.46	0.00	5.29	0.00	126
1550	5.0 C.Y.	40,418	7.75	9.91	3.03	4.74	0.00	5.62	0.00	140
1555	5.5 C.Y.	44,516	8.52	10.92	3.33	5.21	0.00	6.19	0.00	152
1560	6.0 C.Y.	46,240	8.86	11.34	3.47	5.42	0.00	6.43	0.00	160
1565	6.5 C.Y.	48,681	9.32	11.93	3.65	5.70	0.00	6.76	0.00	169
1570	7.0 C.Y.	51,065	9.78	12.53	3.82	5.98	0.00	7.10	0.00	177
1575	7.5 C.Y.	52,990	10.15	13.00	3.97	6.21	0.00	7.37	0.00	184

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	BUCKETS, CLAMSHELL (CONT'D)									
	ESCO - MODEL HDS HEAVY DUTY & SQUARE NOSE									
1585	.75 C.Y.	15,609	2.99	3.83	1.17	1.83	0.00	2.17	0.00	33
1590	1.0 C.Y.	15,618	2.99	3.83	1.17	1.83	0.00	2.17	0.00	46
1595	1.5 C.Y.	22,708	4.35	5.57	1.70	2.66	0.00	3.16	0.00	70
1600	2.0 C.Y.	24,495	4.69	6.01	1.84	2.87	0.00	3.41	0.00	78
1605	2.5 C.Y.	31,118	5.95	7.64	2.33	3.64	0.00	4.33	0.00	98
1610	3.0 C.Y.	34,039	6.52	8.36	2.55	3.99	0.00	4.74	0.00	109
1615	3.5 C.Y.	38,831	7.44	9.53	2.91	4.55	0.00	5.40	0.00	120
1620	4.0 C.Y.	41,753	8.00	10.24	3.13	4.89	0.00	5.80	0.00	131
1625	4.5 C.Y.	44,850	8.59	11.01	3.36	5.25	0.00	6.24	0.00	141
1630	5.0 C.Y.	49,099	9.40	12.05	3.68	5.75	0.00	6.83	0.00	155
1635	5.5 C.Y.	51,777	9.92	12.70	3.88	6.07	0.00	7.20	0.00	164
1640	6.0 C.Y.	54,312	10.40	13.32	4.07	6.36	0.00	7.55	0.00	174
1645	6.5 C.Y.	57,171	10.94	14.02	4.28	6.69	0.00	7.95	0.00	185
1650	7.0 C.Y.	59,585	11.41	14.62	4.46	6.98	0.00	8.29	0.00	193
1655	7.5 C.Y.	61,954	11.87	15.20	4.64	7.26	0.00	8.62	0.00	201
	ESCO - MODEL XDS EXTRA HEAVY DUTY & SQUARE NOSE									
1665	.75 C.Y.	17,602	3.37	4.32	1.32	2.06	0.00	2.45	0.00	50
1670	1.0 C.Y.	17,942	3.43	4.41	1.34	2.10	0.00	2.50	0.00	55
1675	1.5 C.Y.	25,818	4.94	6.33	1.93	3.02	0.00	3.59	0.00	81
1680	2.0 C.Y.	31,464	6.03	7.71	2.36	3.69	0.00	4.37	0.00	99
1685	2.5 C.Y.	36,243	6.94	8.89	2.71	4.24	0.00	5.04	0.00	115
1690	3.0 C.Y.	39,250	7.52	9.63	2.94	4.60	0.00	5.46	0.00	127
1695	3.5 C.Y.	43,256	8.29	10.61	3.24	5.07	0.00	6.01	0.00	141
1700	4.0 C.Y.	46,491	8.91	11.40	3.49	5.45	0.00	6.46	0.00	150
1705	4.5 C.Y.	47,635	9.12	11.68	3.57	5.58	0.00	6.62	0.00	160

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	AVERAGE COND. FUEL	SEVERE COND. OWNER-SHIP	SEVERE COND. FUEL	CWT
	BUCKETS, CLAMSHELL (CONT'D)									
	EXTRA HEAVY DUTY & SQ. MOUTH (CONT'D)									
1710	5.0 C.Y.	[illegible]	[illegible]	[illegible]	[illegible]	6.03	0.00	7.16	0.00	173
1715	5.5 C.Y.	[illegible]	[illegible]	[illegible]	[illegible]	6.39	0.00	7.58	0.00	185
1720	6.0 C.Y.	57,332	10.98	14.06	4.30	6.72	0.00	7.97	0.00	195
1725	6.5 C.Y.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00	8.47	0.00	208
1730	7.0 C.Y.	63,183	12.10	15.56	4.73	7.40	0.00	8.79	0.00	218
1735	7.5 C.Y.	65,19-	12.47	16.23	4.96	7.75	0.00	9.20	0.00	229
	BUCKETS, CONCRETE									
	LOWBOY -AIR OPEN GATE CANTILEVER									
1750	LB-375 3/8 C.Y.	2,245	[illegible]		0.24	0.37	0.00			2
1755	LB-050 1/2 C.Y.	2,473	0.64		0.26	0.39	0.00			2
1760	LB-075 3/4 C.Y.	2,525	0.66		0.26	0.40	0.00			3
1765	LB-100 1.0 C.Y.	2,685	0.68		0.27	0.41	0.00			5
1770	LB-150 1.5 C.Y.	4,157	0.78		[illegible]	0.47	0.00			6
1775	LB-200 2.0 C.Y.	5,339	1.00		[illegible]	0.60	0.00			8
1780	LB-300 3.0 C.Y.	6,268	1.18		0.46	0.71	0.00			12
1785	LB-400 4.0 C.Y.	7,059	1.35		[illegible]	0.82	0.00			15
	GENERAL PURPOSE & MANUAL GAR-BRO									
1795	433-G 3.0 C.Y.	1,619	0.30		0.12	0.18	0.00			6
1800	442-G 1.5 C.Y.	2,024	0.38		0.15	0.23	0.00			8
1805	462-G 2.0 C.Y.	2,618	0.49		0.20	0.30	0.00			11
1810	493-G 3.0 C.Y.	3,692	0.68		0.27	0.41	0.00			19
1815	4123-G 4.0 C.Y.	4,6[illegible]	0.87		[illegible]	0.53	0.00			23

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	BUCKETS, CONCRETE (CONT'D)									
	LOW SLUMP - AIR OPERATED GATE GAR-BRO									
1825	440-A 1.0 C.Y.	6,722	1.26		0.50	0.76	0.00			19
1830	450-A 1.5 C.Y.	6,986	1.31		0.52	0.79	0.00			21
1835	460-A 2.0 C.Y.	7,256	1.36		0.53	0.82	0.00			23
1840	493-A 3.0 C.Y.	9,518	1.79		0.70	1.08	0.00			42
1845	4139-A 4.0 C.Y.	9,896	1.86		0.73	1.12	0.00			52
1850	4200-A 6.0 C.Y. DBL. COMPT.	14,297	2.67		1.05	1.61	0.00			72
1855	4250-A 8.0 C.Y. DBL. COMPT.	17,110	3.21		1.26	1.94	0.00			80
	LAYDOWN - HEAVY DUTY - AIR GATE GAR-BRO									
1865	425-A 1.0 C.Y.	7,596	1.42		0.56	0.86	0.00			26
1870	465-A 2.0 C.Y.	8,482	1.59		0.63	0.96	0.00			31
1875	495-A 3.0 C.Y.	9,829	1.84		0.72	1.11	0.00			40
1880	4125-A 4.0 C.Y.	10,938	2.05		0.81	1.24	0.00			49
1885	4155-A 5.0 C.Y.	12,847	2.40		0.94	1.45	0.00			60
	BUCKETS, DRAGLINE									
	HENDRIX - MODEL LS LIGHT WEIGHT & PERFORATED									
1900	.75 C.Y.	3,600	0.69	0.88	0.27	0.42	0.00	0.50	0.00	15
1905	1.0 C.Y.	4,272	0.82	1.04	0.32	0.50	0.00	0.59	0.00	18
1910	1.5 C.Y.	5,216	1.00	1.27	0.39	0.61	0.00	0.72	0.00	26
1915	2.0 C.Y.	6,160	1.18	1.51	0.46	0.72	0.00	0.86	0.00	32
1920	2.5 C.Y.	7,235	1.39	1.77	0.55	0.85	0.00	1.00	0.00	37
1925	3.0 C.Y.	8,922	1.70	2.19	0.67	1.04	0.00	1.24	0.00	46
1930	3.5 C.Y.	9,865	1.88	2.42	0.74	1.15	0.00	1.37	0.00	50
1935	4.0 C.Y.	12,020	2.30	2.95	0.90	1.41	0.00	1.67	0.00	65
1940	4.5 C.Y.	12,762	2.45	3.14	0.96	1.50	0.00	1.78	0.00	69

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	BUCKETS, DRAGLINE (CONT'D)									
	HENDRIX - MODEL LS LIGHT WEIGHT & PERFORATED (CONT'D)									
1945	5.0 C.Y.	15,406	2.95	3.78	1.15	1.80	0.00	2.14	0.00	85
1950	6.0 C.Y.	16,699	3.19	4.09	1.25	1.95	0.00	2.32	0.00	90
1955	7.0 C.Y.	18,257	3.50	4.48	1.37	2.14	0.00	2.54	0.00	101
1960	8.0 C.Y.	20,240	3.88	4.97	1.52	2.37	0.00	2.82	0.00	112
1965	9.0 C.Y.	23,377	4.48	5.73	1.75	2.74	0.00	3.25	0.00	128
1970	10.0 C.Y.	25,406	4.87	6.23	1.91	2.98	0.00	3.53	0.00	139
1975	12.0 C.Y.	31,231	5.98	7.66	2.34	3.66	0.00	4.34	0.00	166
1980	14.0 C.Y.	35,909	6.88	8.81	2.69	4.21	0.00	4.99	0.00	191
	HENDRIX - MODEL TS, MEDIUM WEIGHT									
1990	.75 C.Y.	4,195	0.80	1.03	0.32	0.49	0.00	0.58	0.00	17
1995	1.0 C.Y.	5,161	0.99	1.27	0.39	0.61	0.00	0.72	0.00	19
2000	1.5 C.Y.	6,361	1.22	1.56	0.48	0.75	0.00	0.88	0.00	28
2005	2.0 C.Y.	7,585	1.45	1.86	0.57	0.89	0.00	1.05	0.00	36
2010	2.5 C.Y.	8,744	1.67	2.14	0.65	1.02	0.00	1.21	0.00	41
2015	3.0 C.Y.	10,455	2.00	2.56	0.78	1.22	0.00	1.45	0.00	49
2020	3.5 C.Y.	11,546	2.22	2.84	0.87	1.36	0.00	1.61	0.00	54
2025	4.0 C.Y.	13,857	2.65	3.39	1.04	1.62	0.00	1.92	0.00	70
2030	4.5 C.Y.	14,822	2.83	3.63	1.11	1.73	0.00	2.06	0.00	72
2035	5.0 C.Y.	18,998	3.64	4.66	1.43	2.23	0.00	2.64	0.00	93
2040	6.0 C.Y.	19,634	3.76	4.82	1.47	2.30	0.00	2.73	0.00	96
2045	7.0 C.Y.	22,409	4.29	5.50	1.68	2.62	0.00	3.12	0.00	111
2050	8.0 C.Y.	24,672	4.73	6.05	1.85	2.89	0.00	3.43	0.00	122
2055	9.0 C.Y.	29,532	5.66	7.25	2.21	3.46	0.00	4.11	0.00	149
2060	10.0 C.Y.	31,450	6.03	7.71	2.36	3.69	0.00	4.37	0.00	159
2065	12.0 C.Y.	40,085	7.68	9.84	3.01	4.70	0.00	5.58	0.00	202
2070	14.0 C.Y.	44,635	8.54	10.95	3.34	5.22	0.00	6.21	0.00	225

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	BUCKETS, DRAGLINE (CONT'D)									
	HENDRIX - MODEL MH-S, HEAVY WEIGHT									
2080	2.75 C.Y.	16,773	3.22	4.11	1.26	1.97	0.00	2.33	0.00	69
2085	3.0 C.Y.	17,445	3.34	4.27	1.31	2.04	0.00	2.42	0.00	72
2090	3.5 C.Y.	19,531	3.74	4.79	1.47	2.29	0.00	2.71	0.00	81
2095	4.0 C.Y.	26,123	5.00	6.41	1.96	3.06	0.00	3.63	0.00	110
2100	4.5 C.Y.	29,205	5.59	7.16	2.19	3.42	0.00	4.06	0.00	123
2105	5.0 C.Y.	30,158	5.77	7.40	2.26	3.53	0.00	4.20	0.00	127
2110	6.0 C.Y.	32,298	6.18	7.92	2.42	3.78	0.00	4.49	0.00	136
2115	7.0 C.Y.	41,061	7.86	10.07	3.08	4.81	0.00	5.71	0.00	175
2120	8.0 C.Y.	42,230	8.09	10.36	3.17	4.95	0.00	5.87	0.00	180
2125	9.0 C.Y.	53,703	10.28	13.17	4.02	6.29	0.00	7.46	0.00	234
2130	10.0 C.Y.	55,628	10.65	13.65	4.16	6.51	0.00	7.74	0.00	243
2135	12.0 C.Y.	66,162	12.67	16.23	4.96	7.75	0.00	9.20	0.00	289
2140	14.0 C.Y.	70,743	13.55	17.35	5.30	8.29	0.00	9.83	0.00	309
	SAUERMAN - CRESCENT SCRAPER									
	WITH DRAGLINE CONVERSION KIT									
2155	SC-1050-K 1.0 C.Y.	10,180	1.95	2.50	0.76	1.19	0.00	1.42	0.00	15
2160	SC-1060-K 1.5 C.Y.	13,037	2.49	3.21	0.97	1.52	0.00	1.82	0.00	20
2165	SC-1070-K 2.0 C.Y.	17,872	3.42	4.39	1.34	2.09	0.00	2.49	0.00	25
2170	SC-1090-K 3.0 C.Y.	23,638	4.53	5.80	1.77	2.77	0.00	3.29	0.00	36
2175	SC-1100-K 4.0 C.Y.	35,337	6.77	8.66	2.65	4.14	0.00	4.91	0.00	49
2180	SC-1110-K 5.0 C.Y.	40,290	7.72	9.88	3.02	4.72	0.00	5.60	0.00	58
2185	SC-1120-K 6.0 C.Y.	48,836	9.35	11.98	3.66	5.72	0.00	6.79	0.00	68
2190	SC-1130-K 8.0 C.Y.	59,327	11.35	14.55	4.44	6.94	0.00	8.25	0.00	88
2195	SC-1140-K 10.0 C.Y.	71,983	13.78	17.66	5.39	8.43	0.00	10.01	0.00	106
2200	SC-1150-K 12.0 C.Y.	83,503	15.99	20.48	6.25	9.78	0.00	11.61	0.00	132

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

UNIT NO.	EQUIPMENT		VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
				CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
				AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	COMPACTORS, MANUALLY OPERATED **********										
2210	UR-12 INGERSOLL-RAND RAMMER	3 HP G	1,723	0.96		0.18	0.29	0.24			1
2215	BS45Y WACKER RAMMER	3 HP G	1,709	0.95		0.18	0.29	0.24			1
2220	BS65Y WACKER RAMMER	4 HP G	3,102	1.58		0.32	0.52	0.32			2
2225	GVR151Y WACKER RAMMER	5 HP G	2,419	1.43		0.25	0.41	0.40			2
2230	GVR220Y WACKER RAMMER	6 HP G	3,102	1.79		0.32	0.52	0.49			2
2235	VPG160B WACKER VIBRO PLATE	4 HP G	1,337	0.92		0.14	0.23	0.32			2
2240	VPG260K WACKER VIBRO PLATE	7 HP G	1,903	1.44		0.20	0.32	0.57			3
2245	BT-50 BOMAG TAMPING	5 HP G	1,902	1.23		0.20	0.32	0.40			1
2250	BT-58 BOMAG TAMPING	3 HP G	1,943	1.04		0.20	0.33	0.24			1
2255	BT-68 BOMAG TAMPING	3 HP G	2,292	1.17		0.23	0.38	0.24			1
2260	BT-71 BOMAG TAMPING	4 HP G	2,369	1.30		0.24	0.39	0.32			2
2265	BP10/36W BOMAG VIBRO PL W/SPRNKLR	4 HP G	1,183	0.85		0.12	0.20	0.32			2
2270	BP-11K BOMAG VIBRO PLATE	4 HP G	1,699	1.04		0.17	0.28	0.32			3
2275	BP-19/75 BOMAG VIBRO PLATE	5 HP D	3,240	1.45		0.34	0.55	0.17			4
2280	BP-30R BOMAG VIBRO PLATE	5 HP G	4,502	2.21		0.46	0.75	0.40			5
2285	BP-30 BOMAG VIBRO PLATE	5 HP D	5,679	2.37		0.58	0.95	0.17			5
2290	BP-50 BOMAG VIBRO PLATE	7 HP D	8,423	3.51		0.86	1.41	0.24			9
2295	BW-75E BOMAG WALK BEHIND S/D	5 HP D	8,446	3.43		0.86	1.42	0.17			12
2300	BW-35 BOMAG WALK BEHIND D/D	4 HP D	9,762	3.89		1.00	1.64	0.14			11
2305	BW-60SE BOMAG D/D ROLLER	8 HP D	13,391	5.46		1.37	2.25	0.28			20
2310	BW-90SE BOMAG D/D ROLLER	13 HP D	16,799	6.96		1.71	2.82	0.45			28
2315	VPG600 WACKER VIBRO PLATE	9 HP G	3,505	2.24		0.36	0.59	0.73			7
2320	DPS2350 WACKER VIBRO PLATE	7 HP D	3,709	1.71		0.38	0.62	0.24			4
2325	DPU5050 WACKER VIBRO PLATE	11 HP D	12,475	5.23		1.28	2.10	0.38			10
2330	W 55 T WACKER D/D ROLLER	8 HP D	11,392	4.70		1.17	1.92	0.28			17
2335	W 74 T WACKER D/D ROLLER	8 HP D	12,814	5.23		1.31	2.15	0.28			19

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CONCRETE BLASTERS ********** BLASTRAC									
2350	DSC-15 SURFACE PREP/CLEANING MACH 41 HP D	59,049	19.79		6.01	9.90	1.11			40
	CONCRETE BUGGIES ********** AEROIL									
2365	5 CF WALK-BEHIND 5 HP G	1,832	0.99		0.19	0.31	0.32			3
	WHITEMAN									
2375	MODWBS11 WALK & RIDE 8 HP G	4,643	2.12		0.48	0.78	0.51			7
	CONCRETE FINISHERS ********** BOMAG									
2390	MOD F46B4 GYRO TROWEL 7 HP G	1,509	1.05		0.15	0.25	0.44			2
2395	MOD RP2B4 DOUBLTROWEL 16 HP G	5,954	3.17		0.60	0.99	1.01			7
2400	MOD RP3B3 TRIPLTROWEL 16 HP G	7,677	3.71		0.78	1.28	1.01			9
	CONCRETE MIXERS **********									
2410	PORTABLE CONCRETE MIXER 2.5 CF 1 HP E	698	0.30		0.06	0.09	0.07			2
2415	PORTABLE CONCRETE MIXER 4.0 CF 4 HP E	1,193	0.76		0.11	0.18	0.27			3
2420	PORTABLE CONCRETE MIXER 3.5 CF 1 HP E	716	0.32		0.07	0.11	0.07			3
2425	PORTABLE CONCRETE MIXER 6.0 CF 6 HP E	2,257	1.29		0.22	0.36	0.40			7
2430	PORTABLE CONCRETE MIXER 6.0 CF 7 HP G	2,330	1.29		0.23	0.37	0.44			7
2435	PORTABLE MORTAR MIXER 6.0 CF 7 HP G	1,721	1.10		0.17	0.27	0.44			6

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

UNIT NO.	EQUIPMENT			VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
					CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
					AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CONCRETE PAVERS ********** CATERPILLAR											
2450	MOD SF - 175 SLIPFORM PAVER CURBS, MEDIANS, AND SIDEWALKS	142 HP	D	138,245	33.46		10.14	15.62	3.56			263
2455	MOD SF - 250 26' WIDE SLIPFORM UNIT, 0-80 FT/MIN, CRAWLER MTD.	208 HP	D	263,051	61.68		19.31	29.73	5.22			540
2460	MOD SF - 450 25' WIDE SLIPFORM UNIT, 0-60 FT/MIN, CRAWLER MTD.	250 HP	D	466,329	105.54		34.22	52.70	6.27			960
2465	MOD SF - 500 24' WIDE SLIPFORM UNIT, 0-60 FT/MIN, CRAWLER MTD.	400 HP	D	537,043	125.13		39.41	60.69	10.03			1150
	GOMACO											
2475	MOD C-650FF 24' WIDE FORM PAVER W/4' FINISHING CYLINDERS	65 HP	G	28,067	10.91		2.06	3.17	3.82			92
2480	MOD C-650S 24' SLIPFORM PAVER W/4' FINISHING CYLINDERS	65 HP	G	50,629	15.62		3.72	5.72	3.82			122
2485	MOD GP-1500 12' SLIPFORM PAVER UNIT 0-51 FT/MIN, CRAWLER MTD	107 HP	D	114,249	27.32		8.38	12.91	2.68			280
2490	MOD GP-2000 16' SLIPFORM PAVER UNIT 0-38 FT/MIN, CRAWLER MTD	145 HP	D	155,621	37.20		11.42	17.59	3.64			340
2495	MOD GP-2500 25' SLIPFORM PAVER UNIT 0-39 FT/MIN, CRAWLER MTD	215 HP	D	212,748	51.38		15.61	24.04	5.39			450
2500	MOD GP-3500 42' SLIPFORM PAVER	325 HP	D	395,930	93.22		29.06	44.75	8.15			880
2505	MOD GP-5000 50' SLIPFORM PAVER	430 HP	D	566,907	132.34		41.60	64.07	10.78			1320
2510	MOD HW-165 16'-6" WIDE SLIPFORM UNIT, AUTO VIBRATORS, CRLR MTD	100 HP	D	128,238	30.03		9.42	14.50	2.51			255
	CONCRETE PLACERS, SHOTCRETE ********** ALLENTOWN											
2525	R450 PNEUM. GUN N-1 3-4 CY/HR INCL. TRAILER, HOSE, HOPPER, AND FEEDER. REQ 365 CFM COMP.	12 HP	D	25,662	7.22		2.19	3.52	0.44			45
2530	R900 PNEUM. GUN N-2 6-10 CY/HR INCL. TRAILER, HOSE, HOPPER, AND FEEDER. REQ 600 CFM COMP.	20 HP	D	29,326	8.55		2.50	4.02	0.74			60
2535	GR600 ROTARY GUN 1-6 CY/HR INCL. HOSE,REQ. 550 CFM COMP.	550CFM	A	8,466	2.39		0.72	1.15	0.00			9

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CONCRETE PLACERS, SHOTCRETE (CONT'D)									
	ALLENTOWN (CONT'D)									
2540	GR1200 ROTARY GUN 4-12 CY/HR 770CFM A INCL. HOSE,REQ. 770 CFM COMP.	16,522	4.60		1.41	2.27	0.00			18
	CONCRETE PUMPS									
	MORGEN									
2565	MOD 204-305 TRAILER MTD 60 CY/HR 110 HP D	56,520	19.89		4.86	7.83	4.07			70
2570	MOD 203-420 BOOM 72'-VT 120 CY/HR 210 HP D INCLUDES 24500 GVW TRUCK	149,217	52.52		12.79	20.58	10.70			255
	SCHWING									
2580	MOD BPA 350 TRAILER MTD 60 CY/HR 67 HP D	46,625	15.28		4.01	6.46	2.48			66
2585	MOD BPA 650 TRAILER MTD 60 CY/HR 152 HP D	72,937	26.13		6.24	10.03	5.62			98
2590	MOD BPA 901 TRAILER MTD 135 CY/HR 152 HP D	74,941	26.64		6.40	10.30	5.62			98
2595	MOD BP 3000 TRAILER MTD 127 CY/HR 177 HP D	99,249	34.16		8.53	13.74	6.54			130
2600	MOD BP 5000 TRAILER MTD 151 CY/HR 300 HP D	127,472	47.31		10.96	17.65	11.09			150
2605	MOD BPL 580 TRUCK MTD 72 CY/HR 175 HP D INCLUDING TRUCK AND 75' BOOM	154,020	51.57		13.11	21.06	8.92			302
2610	MOD BPL 801 TRUCK MTD 107 CY/HR 175 HP D INCLUDING TRUCK AND 92' BOOM	221,522	69.10		18.91	30.41	8.92			321
2615	MOD BPL1200 TRUCK MTD 147 CY/HR 239 HP D INCLUDING TRUCK AND 102' BOOM	272,050	86.46		23.20	37.31	12.18			408
	CONCRETE SAWS									
	(SAWBLADE WEAR NOT INCLUDED)									
	FELKER									
2630	MOD 8BCC 5" DEPTH OF CUT 8 HP G	1,694	1.30		0.15	0.23	0.65			3
2635	MOD 12WCC 5" DEPTH OF CUT 12 HP G	2,119	1.82		0.18	0.28	0.97			3
2640	MOD 14TCC 5" DEPTH OF CUT 14 HP G	2,098	2.02		0.18	0.28	1.13			3
2645	MOD 140MR 8" DEPTH OF CUT 14 HP G	4,705	2.69		0.40	0.63	1.13			6
2650	MOD 185MR 8" DEPTH OF CUT 18 HP G	5,969	3.45		0.51	0.80	1.46			7

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CONCRETE SAWS (CONT'D)									
	(SAWBLADE WEAR NOT INCLUDED)									
	FELKER (CONT'D)									
2655	MOD 300MR 8" DEPTH OF CUT 30 HP G	6,755	4.93		0.57	0.90	2.43			7
2660	MOD 350MCA 10" DEPTH OF CUT 35 HP G	9,809	6.26		0.83	1.32	2.83			12
2665	MOD 665MCA 15" DEPTH OF CUT 65 HP G	13,283	10.32		1.12	1.77	5.26			14
	LONGYEAR									
2675	MOD 360-10HM WALL SAW 1700 PSI 10 HP G	10,889	3.85		0.92	1.46	0.81			2
2680	MOD 360-35HM WALL SAW 2500 PSI 35 HP G	12,081	6.81		1.02	1.61	2.83			2
2685	MOD 800WR 5" DEPTH OF CUT 8 HP G	1,272	1.18		0.11	0.17	0.65			2
2690	MOD 815WR 7" DEPTH OF CUT 11 HP G	1,902	1.67		0.17	0.26	0.89			2
2695	MOD 815EB 5" DEPTH OF CUT 5 HP G	2,043	1.05		0.17	0.27	0.40			2
2700	MOD 1800W 5" DEPTH OF CUT 18 HP G	5,976	3.45		0.51	0.80	1.46			5
2705	MOD 3535W 5" DEPTH OF CUT 35 HP G	7,884	5.74		0.66	1.05	2.83			9
2710	MOD 6530-48 21" DEPTH OF CUT 65 HP G	13,242	10.31		1.12	1.77	5.26			13
	CRANES, SHOVEL, BACKHOE, DRAGLINE									
	AMERICAN - CRAWLER TYPE									
	MOD 597-C 1.25 CY T/C 114 HP D 14'-7" CRAWLERS W/32" SHOES									
2730	DRAGLINE OR CLAMSHELL (LESS BUCKET)	291,673	45.22	53.58	17.42	25.60	2.26	28.20	2.86	814
2735	CRANE 35-T W/65' BOOM	293,501	41.75	48.36	17.52	25.75	1.81	28.38	2.33	803
	MOD 599-A LIFTING CRANE T/C 114 HP D 16'-0" CRAWLERS W/32" SHOES									
2745	CRANE 50-T W/75' BOOM	319,881	45.31	52.45	19.10	28.07	1.81	30.93	2.33	962
	MOD 5299-A LIFTING CRANE T/C 125 HP D 17'-6" CRAWLERS W/36" SHOES									
2755	CRANE 60-T W/80' BOOM	333,759	47.39	54.88	19.93	29.29	1.98	32.27	2.56	1088

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D)									
	AMERICAN - CRAWLER TYPE (CONT'D)									
	MOD 797-C 2 CY T/C 168 HP D 17'-6" CRAWLERS W/33" SHOES									
2765	DRAGLINE OR CLAMSHELL (LESS BUCKET)	398,842	62.12	73.63	23.81	35.00	3.33	38.56	4.21	1278
2770	CRANE 40-T W/75' BOOM	390,383	55.84	64.73	23.31	34.26	2.66	37.75	3.44	1262
	MOD 7250 STEEL ERECTOR T/C 168 HP D 17'-6" CRAWLERS W/33" SHOES									
2780	CRANE 60-T W/80' BOOM	413,644	54.27	61.47	22.61	32.28	2.66	34.79	3.44	1421
	MOD 7260 LIFTING CRANE T/C 168 HP D 19'-6" CRAWLERS W/38" SHOES									
2790	CRANE 100T W/200' BOOM	506,563	65.73	74.34	27.70	39.54	2.66	42.61	3.44	1886
	MOD 999-C STEEL ERECTOR T/C 287 HP D 23'-9" CRAWLERS W/38" SHOES									
2800	CRANE 110-T W/200' BOOM	690,850	90.75	102.81	37.76	53.91	4.55	58.10	5.87	2792
	MOD 9260 4.5 CY T/C 287 HP D 23'-9" CRAWLERS W/38" SHOES									
2810	CRANE 125T W/270' BOOM	721,529	94.54	107.07	39.44	56.31	4.55	60.69	5.87	3150
2815	DRAGLINE OR CLAMSHELL (LESS BUCKET)	694,885	98.93	114.43	37.99	54.23	5.68	58.44	7.20	2950
	MOD 9270 LIFT CR TAPERED TIP T/C 287 HP D 23'-9" CRAWLERS W/44" SHOES									
2825	CRANE 150T W/280' BOOM	781,223	101.90	115.33	42.71	60.97	4.55	65.71	5.87	3400
	MOD 9299 LIFTING CRANE T/C 287 HP D 24'-11" CRAWLERS W/44" SHOES									
2835	CRANE 165T W/290' BOOM	821,057	103.67	115.99	42.83	60.10	4.55	64.08	5.87	3580
	MOD 9310 LIFTING CRANE T/C 287 HP D 28'-2" CRAWLERS W/50" SHOES									
2845	CRANE 225T W/280' BOOM	862,298	108.60	121.45	44.98	63.12	4.55	67.30	5.87	3990

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D)									
	LINK BELT - CRAWLER TYPE									
	MOD LS-78 LIFTING CRANE T/C 84 HP D 13'-7" CRAWLERS W/24" SHOES									
2865	CRANE 17.5-T W/40' BOOM	184,100	28.03	33.24	11.84	17.80	1.33	20.05	1.72	506
	MOD LS-98 LIFTING CRANE T/C 110 HP D 15'-0" CRAWLERS W/24" SHOES									
2875	CRANE 25-T W/50' BOOM	208,283	32.03	38.01	13.41	20.15	1.74	22.69	2.25	625
	MOD LS-98 PIPELINER CRANE T/C 112 HP D 15'-7" CRAWLERS W/30" SHOES									
2885	CRANE 30-T W/40' BOOM	234,890	33.79	39.22	14.02	20.61	1.77	22.72	2.29	727
	MOD LS-98A LIFTING CRANE T/C 110 HP D 15'-1" CRAWLERS W/30" SHOES									
2900	CRANE 40-T W/50' BOOM	221,133	31.92	37.03	13.21	19.41	1.74	21.39	2.25	772
	MOD LS-108B LIFTING CRANE T/C 110 HP D 15'-0" CRAWLERS W/30" SHOES									
2910	CRANE 45-T W/50' BOOM	274,800	39.14	45.35	16.40	24.11	1.74	26.57	2.25	833
	MOD LS-118 LIFTING CRANE T/C 178 HP D 17'-0" CRAWLERS W/30" SHOES									
2920	CRANE 60-T W/80' BOOM	348,846	46.46	52.74	19.07	27.22	2.82	29.34	3.64	1232
	MOD LS-318 LIFTING CRANE T/C 208 HP D 17'-0" CRAWLERS W/32" SHOES									
2930	CRANE 80-T W/150' BOOM	413,636	55.02	62.47	22.61	32.28	3.29	34.79	4.26	1445
	MOD LS-338 LIFTING CRANE T/C 208 HP D 20'-0" CRAWLERS W/38" SHOES									
2940	CRANE 100-T W/200' BOOM	513,566	67.35	76.31	28.08	40.08	3.29	43.20	4.26	1865
	MOD LS-418A LIFTING CRANE T/C 245 HP D 22'-4" CRAWLERS W/38" SHOES									
2950	CRANE 117-T W/230' BOOM	599,392	78.66	89.10	32.77	46.78	3.88	50.41	5.01	2235

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES (CONDITION AVERAGE)	TOTAL HOURLY RATES (CONDITION SEVERE)	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D)									
	LINK BELT - CRAWLER TYPE (CONT'D)									
	MOD LS-518 LIFTING CRANE T/C 245 HP D 24'-4" CRAWLERS W-44" SHOES									
2960	CRANE 150-T W/250' BOOM	733,103	95.15	107.63	40.08	57.22	3.88	61.67	5.01	2826
	MOD LS-718 LIFTING CRANE T/C 450 HP D 30'-0" CRAWLERS W/50" SHOES									
2970	CRANE 250-T W/290' BOOM	1,002,069	128.48	144.09	52.27	73.35	7.13	78.21	9.21	4388
	MOD LS-818 LIFTING CRANE T/C 450 HP D 31'-5" CRAWLERS W/50" SHOES									
2980	CRANE 300-T W/310' BOOM	1,267,708	160.20	179.26	66.12	92.79	7.13	98.94	9.21	5069
	MOD LS-918 LIFTING CRANE T/C 600 HP D 34'-10" CRAWLERS W/60" SHOES									
2990	CRANE 400-T W/340' BOOM	2,084,998	260.73	291.28	108.75	152.62	9.50	162.73	12.28	6783
	MOD LS-1018 LIFTING CRANE T/C 600 HP D 38'-8" CRAWLERS W/60" SHOES									
3000	CRANE 500-T W/340' BOOM	2,495,889	309.79	345.69	130.18	182.70	9.50	194.80	12.28	8021
	MANITOWOC - CRAWLER TYPE									
	MOD 3900 VICON 3.5 CY T/C 287 HP D 20'-4" CRAWLERS W/38" SHOES									
3015	DRAGLINE OR CLAMSHELL (LESS BUCKET)	496,184	72.62	84.22	27.12	38.72	5.68	41.73	7.20	2306
3020	CRANE 100T W/210' BOOM	545,743	72.86	82.72	29.83	42.59	4.55	45.90	5.87	2354
	MOD 3900W VICON SER2 T/C 300 HP D 24'-0" CRAWLERS W/48" SHOES									
3030	CRANE 140T W/250' BOOM	644,747	85.32	96.76	35.25	50.32	4.75	54.23	6.14	2815
	MOD 4100W VICON SER1 5 CY T/C 360 HP D 26'-6" CRAWLERS W/48" SHOES									
3040	DRAGLINE OR CLAMSHELL (LESS BUCKET)	835,020	119.27	137.99	45.66	65.18	7.13	70.24	9.03	3788
3045	CRANE 200T W/260' BOOM	897,012	114.17	127.89	46.79	65.66	5.70	70.00	7.37	3889

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D)									
	MANITOWOC - CRAWLER TYPE (CONT'D)									
	MOD 4600 VICON SERIES 3 7 CY T/C 685 HP D 26'-1" CRAWLERS W/60" SHOES									
3055	CRANE 240T W/260' BOOM	1,326,256	171.81	192.97	69.18	97.09	10.85	103.51	14.02	5200
3060	DRAGLINE OR CLAMSHELL (LESS BUCKET)	1,312,551	184.24	210.94	68.46	96.08	13.56	102.45	17.18	5100
	NORTHWEST - CRAWLER TYPE									
	MOD 50-D/5030 1.0 CY 190 HP D 15'-4" CRAWLERS W/30" SHOES									
3075	DRAGLINE OR CLAMSHELL (LESS BUCKET)	256,707	47.50	58.61	17.26	26.26	3.76	30.00	4.77	930
3080	CRANE 30-T W/40' BOOM	234,172	35.19	41.02	13.98	20.55	3.01	22.64	3.89	869
	MOD 50-D/5035 1.25 CY 190 HP D 15'-4" CRAWLERS W/30" SHOES									
3090	DRAGLINE OR CLAMSHELL (LESS BUCKET)	268,311	43.62	51.85	16.02	23.55	3.76	25.94	4.77	932
3095	CRANE 35-T W/50' BOOM	244,613	36.60	42.65	14.61	21.47	3.01	23.66	3.89	872
	MOD 50-D/5050 2.0 CY T/C 238 HP D 15'-4" CRAWLERS W/30" SHOES									
3105	DRAGLINE OR CLAMSHELL (LESS BUCKET)	310,604	50.92	60.57	18.55	27.26	4.71	30.03	5.97	957
3110	CRANE 50-T W/60' BOOM	309,074	46.20	53.82	18.45	27.12	3.77	29.89	4.87	952
	MOD 70-D/7060 2.5 CY T/C 238 HP D 19'-0" CRAWLERS W/33" SHOES									
3120	DRAGLINE OR CLAMSHELL (LESS BUCKET)	385,279	61.80	73.41	23.00	33.81	4.71	37.26	5.97	1425
3125	CRANE 60-T W/50' BOOM	378,321	51.27	58.32	20.69	29.53	3.77	31.82	4.87	1403
	MOD 70-D/7080 3.5 CY T/C 238 HP D 19'-0" CRAWLERS W/33" SHOES									
3135	DRAGLINE OR CLAMSHELL (LESS BUCKET)	423,296	61.79	71.65	23.14	33.03	4.71	35.61	5.97	1497
3140	CRANE 80-T W/160' BOOM	437,824	58.60	66.56	23.94	34.17	3.77	36.82	4.87	1524

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D)									
	NORTHWEST - CRAWLER TYPE (CONT'D)									
	MOD 80-D 3.0 CY T/C 263 HP D 15'-10" CRAWLERS W/30" SHOES									
3150	SHOVEL	491,482	97.76	120.60	33.04	50.27	6.08	57.43	7.98	1510
3155	DRAGLINE OR CLAMSHELL (LESS BUCKET)	423,379	67.95	80.72	25.27	37.15	5.21	40.94	6.60	1274
3160	CRANE 40-T W/50' BOOM	416,413	61.16	71.10	24.86	36.54	4.17	40.27	5.38	1267
	MOD 9570-WT 4.0 CY T/C 304 HP D 19'-0" CRAWLERS W/38" SHOES									
3170	DRAGLINE OR CLAMSHELL (LESS BUCKET)	465,919	69.03	80.14	25.48	36.37	6.02	39.19	7.62	1580
3175	CRANE 60-T W/50' BOOM	458,992	62.49	71.15	25.09	35.82	4.82	38.61	6.22	1565
	MOD 180-D SERIES 2 5 CY T/C 358 HP D 18'-1" CRAWLERS W/36" SHOES									
3185	SHOVEL	781,436	153.73	189.51	52.53	79.93	8.27	91.30	10.87	2571
3190	DRAGLINE OR CLAMSHELL (LESS BUCKET)	670,818	97.47	112.96	36.68	52.36	7.09	56.42	8.98	2365
3195	CRANE 97.5-T W/170' BOOM	698,824	93.11	105.69	38.20	54.54	5.67	58.78	7.32	2464
	MOD 190-D WT SERIES 3 T/C 456 HP D 21'-1" CRAWLERS W/54" SHOES									
3205	DRAGLINE 6.5 CY (LESS BUCKET)	723,360	103.47	118.68	37.73	52.95	9.03	56.45	11.44	2740
3210	CRANE 100-T W/170' BOOM	757,090	102.19	116.21	41.39	59.09	7.22	63.68	9.33	2872
	MOD 1200-C T/C 525 HP D 21'-10" CRAWLERS W/48" SHOES									
3220	CRANE 150-T W/240' BOOM	633,718	88.31	100.84	34.65	49.46	8.32	53.30	10.74	2822
	P & H - CRAWLER TYPE									
	MOD 320H .75 CY T/C 93 HP D 13'-7" CRAWLERS W/30" SHOES									
3235	DRAGLINE OR CLAMSHELL (LESS BUCKET)	136,762	25.09	30.95	9.20	13.99	1.84	15.98	2.33	580
3240	CRANE 25-T W/50' BOOM	138,394	21.68	25.79	8.90	13.38	1.47	15.07	1.90	610

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D)									
	P & H - CRAWLER TYPE (CONT'D)									
	MOD C-65 2.00 CY T/C 130 HP D 18'-2" CRAWLERS W/30" SHOES									
3255	DRAGLINE OR CLAMSHELL (LESS BUCKET)	305,771	47.64	56.49	18.25	26.83	2.57	29.57	3.26	1171
3260	CRANE 65-T W/180' BOOM	328,150	42.98	48.69	17.94	25.61	2.06	27.60	2.66	1352
	MOD 5100 3 CY T/C 188 HP D 21'-6" CRAWLERS W/36" SHOES									
3275	DRAGLINE OR CLAMSHELL (LESS BUCKET)	475,639	67.51	78.07	26.00	37.12	3.72	40.00	4.72	1485
3280	CRANE 100-T W/210' BOOM	528,427	68.81	77.87	28.89	41.24	2.98	44.45	3.85	1880
	MOD C-120 4 CY T/C 260 HP D 24'-0" CRAWLERS W/36" SHOES									
3290	DRAGLINE OR CLAMSHELL (LESS BUCKET)	511,044	73.95	85.65	27.94	39.89	5.15	42.98	6.52	2203
3295	CRANE 120-T W/230' BOOM	539,497	71.58	81.19	29.50	42.11	4.12	45.38	5.32	2340
	MOD C-165 5 CY T/C 260 HP D 26'-3" CRAWLERS W/42" SHOES									
3305	DRAGLINE OR CLAMSHELL (LESS BUCKET)	664,678	94.29	109.02	36.34	51.88	5.15	55.91	6.52	2510
3310	CRANE 165-T W/270' BOOM	728,851	92.13	103.09	38.02	53.35	4.12	56.88	5.32	3333
	MOD DELTA 5250 LIFTING CRANE T/C 328 HP D 30'-5" CRAWLERS W/48" SHOES									
3320	CRANE 250-T W/290' BOOM	1,042,970	130.97	146.41	54.40	76.34	5.20	81.40	6.71	4373
	CRANES, HYDRAULIC SELF-PROPELLED									
	BRODERSON									
3335	MOD IC-80-18 8.5 TON 64 HP D	53,212	9.24		3.06	4.43	1.61			150
3340	MOD RTR-80-3B 9 TON 97 HP D	68,272	12.33		3.91	5.67	2.43			180

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CRANES, HYD SELF-PROPELLED (CONT'D)									
	GROVE									
3350	MOD RT58A 14 TON 130 HP D	118,706	20.52		6.74	9.74	3.26			420
3355	MOD RT515 15 TON 115 HP D	126,089	21.00		7.17	10.36	2.88			425
3360	MOD RT518 18 TON 115 HP D	142,544	23.37		8.08	11.67	2.88			452
3365	MOD RT520 20 TON 115 HP D	150,761	24.45		8.56	12.36	2.88			469
3370	MOD RT522 22 TON 115 HP D	156,012	25.17		8.85	12.79	2.88			498
3375	MOD RT625 25 TON 156 HP D	207,522	32.98		11.80	17.05	3.91			560
3380	MOD RT630 30 TON 156 HP D	215,454	34.74		12.22	17.64	3.91			580
3385	MOD RT635 35 TON 160 HP D	221,678	35.68		12.57	18.16	4.01			600
3390	MOD RT745 45 TON 198 HP D	287,886	46.24		16.29	23.51	4.97			785
3395	MOD RT760 60 TON 198 HP D	342,898	54.06		19.36	27.91	4.97			855
3400	MOD RT865 65 TON 208 HP D	422,059	65.00		23.90	34.50	5.22			1100
3405	MOD RT990 90 TON 280 HP D	551,412	85.64		31.14	44.91	7.02			1360
3410	MOD RT1650 165 TON 512 HP D	1,028,719	159.38		58.11	83.80	12.84			2400
	LORAIN									
3420	MOD LRT150 15 TON 114 HP D	122,649	20.47		6.97	10.08	2.86			438
3425	MOD LRT180 18 TON 121 HP D	139,793	22.94		7.96	11.52	3.03			450
3430	MOD LRT200 20 TON 121 HP D	146,231	23.85		8.34	12.06	3.03			470
3435	MOD LRT230 23 TON 121 HP D	152,505	24.86		8.66	12.51	3.03			490
3440	MOD LRT250 25 TON 121 HP D	162,096	26.13		9.22	13.32	3.03			510
3445	MOD LRT275 27.5 TON 121 HP D	167,113	26.78		9.50	13.73	3.03			520
3450	MOD LRT330 33 TON 180 HP D	202,191	33.68		11.47	16.56	4.51			570
	P & H									
3460	MOD OMEGA 115 15 TON 128 HP D	142,814	23.63		8.14	11.77	3.21			437
3465	MOD OMEGA 118 18 TON 128 HP D	144,273	23.82		8.22	11.89	3.21			439
3470	MOD OMEGA 120 20 TON 128 HP D	153,075	24.97		8.72	12.62	3.21			440
3475	MOD OMEGA 122 22 TON 128 HP D	153,812	25.08		8.77	12.69	3.21			438

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNERSHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNERSHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, HYD SELF-PROPELLED (CONT'D)									
	P & H (CONT'D)									
3480	MOD OMEGA 25 25 TON 155 HP D	190,265	30.95		10.84	15.68	3.89			540
3485	MOD OMEGA 30 30 TON 155 HP D	195,836	31.69		11.17	16.16	3.89			550
3490	MOD OMEGA 35 35 TON 155 HP D	202,432	32.56		11.55	16.71	3.89			560
3495	MOD OMEGA 40 40 TON 202 HP D	272,878	44.40		15.43	22.25	5.07			760
3500	MOD OMEGA 45 45 TON 202 HP D	282,365	45.87		15.94	22.97	5.07			770
3505	MOD OMEGA 50 50 TON 202 HP D	292,799	47.23		16.53	23.83	5.07			780
3510	MOD OMEGA 65 65 TON 235 HP D	374,343	59.59		21.14	30.48	5.89			980
	PETTIBONE									
3520	MOD 16 MK P SERIES 8 TON 118 HP D	104,146	17.87		5.96	8.64	2.96			286
3525	MOD 20 MK P SERIES 10 TON 118 HP D	107,816	18.43		6.17	8.93	2.96			302
3530	MOD 25 MK P SERIES 12.5 TON 118 HP D	112,303	19.02		6.43	9.31	2.96			458
3535	MOD 36 MK P SERIES 18 TON 118 HP D	130,159	21.64		7.40	10.70	2.96			494
3540	MOD 45-SC P SERIES 22.5 TON 176 HP D	142,777	25.18		8.13	11.76	4.41			560
3545	MOD 80-SC P SERIES 40 TON 176 HP D	238,804	39.05		13.45	19.38	4.41			862
3550	MOD 100-SC 50 TON 188 HP D	294,746	46.82		16.69	24.09	4.72			1050
3555	MOD 130-SC P SERIES 65 TON 212 HP D	332,914	53.41		18.75	27.01	5.32			1050
	CRANES, HYDRAULIC TRUCK MOUNTED (HP & FUEL LISTED EQUIP/CARRIER)									
	GROVE									
3570	TMS250C 35 TON W/110' BOOM 183 HP D	219,240	31.30	36.33	11.90	16.93	4.59	18.24	6.04	514
3575	TMS300B 40 TON W/136' BOOM 205 HP D	266,647	37.69	43.65	14.43	20.52	5.14	22.10	6.76	725
3580	TMS475 50 TON W/140' BOOM 213 HP D	308,868	42.77	49.42	16.73	23.80	5.34	25.64	7.03	776
3585	TMS760 60 TON W/150' BOOM 251 HP D	363,733	50.30	58.06	19.73	28.08	6.30	30.24	8.28	881
3590	TMS875 75 TON W/146' BOOM 278 HP D	408,747	55.67	63.83	21.09	29.45	6.97	31.38	9.17	1032
3595	TM890 90 TON W/146' BOOM 188/268 HP D/D	469,094	61.31	69.54	24.25	33.89	6.18	36.11	7.91	1209
3600	TM1300 130 TON W/172' BOOM 196/335 HP D/D	742,506	91.59	102.52	36.85	50.70	6.74	53.57	8.60	1719

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, HYDRAULIC TRUCK MTD (CONT'D)									
	**********									
	(HP & FUEL LISTED EQUIP/CARRIER)									
	GROVE (CONT'D)									
3605	TM1500 150 TON W/174' BOOM 196/391 HP D/D	877,122	106.63	119.04	43.60	60.02	7.05	63.42	8.96	1960
	LINK BELT (FMC)									
3615	HTC-814 14 TON W/80' BOOM 200 HP D	195,676	31.51	37.44	11.57	16.95	5.02	18.67	6.60	482
3620	HTC-825 25 TON W/80' BOOM 225 HP D	202,612	33.21	39.54	11.99	17.56	5.64	19.34	7.42	499
3625	HTC-830 30 TON W/80' BOOM 225 HP D	210,084	31.58	36.89	11.39	16.21	5.64	17.47	7.42	505
3630	HTC-835 35 TON W/101' BOOM 225 HP D	221,242	32.86	38.33	12.01	17.09	5.64	18.41	7.42	525
3635	HTC-840 40 TON W/110' BOOM 238 HP D	258,795	37.80	43.98	14.01	19.92	5.97	21.45	7.85	650
3640	HTC-1055 55 TON W/120' BOOM 238 HP D	323,602	45.23	52.30	17.54	24.96	5.97	26.89	7.85	662
	P & H									
3650	OMEGA T-250 25 TON W/80' BOOM 210 HP D	195,771	31.87	37.90	11.58	16.96	5.27	18.68	6.93	492
3655	OMEGA T-300 30 TON W/100' BOOM 210 HP D	208,534	30.94	36.08	11.31	16.09	5.27	17.34	6.93	523
3660	OMEGA T-350 35 TON W/110' BOOM 210 HP D	214,341	31.61	36.82	11.63	16.55	5.27	17.82	6.93	525
3665	OMEGA T-400 40 TON W/106' BOOM 225 HP D	277,591	39.70	46.10	15.01	21.33	5.64	22.98	7.42	730
3670	OMEGA T-450 45 TON W/140' BOOM 225 HP D	295,071	41.71	48.34	15.97	22.70	5.64	24.45	7.42	758
3675	OMEGA T-500 50 TON W/140' BOOM 225 HP D	305,640	42.91	49.69	16.54	23.52	5.64	25.34	7.42	760
3680	OMEGA T-650 66 TON W/147' BOOM 335 HP D	361,553	51.85	59.87	18.69	26.12	8.40	27.83	11.05	900
	PETTIBONE									
3690	50TKLSPC 25 TON W/98' BOOM 233 HP D	205,916	33.85	40.32	12.19	17.87	5.84	19.69	7.69	500
3695	80TKLS 40 TON W/144' BOOM 244 HP D	262,405	38.41	44.71	14.21	20.20	6.12	21.76	8.05	740
3700	110 TK P 55 TON W/114' BOOM 238 HP D	283,541	40.64	47.17	15.36	21.85	5.97	23.53	7.85	825
3705	140 TK P 70 TON W/116' BOOM 322 HP D	356,107	51.05	58.93	18.37	25.65	8.08	27.33	10.63	1155

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CRANES, TRUCK MOUNTED ********** (HP & FUEL LISTED EQUIP/CARRIER)									
	AMERICAN									
3720	5470 65 TON W/170' BOOM 115/238 HP D/D	434,608	56.24	64.09	23.51	33.42	4.18	35.99	5.31	1175
3725	5530 75 TON W/170' BOOM 115/238 HP D/D	442,808	55.86	63.01	22.87	31.96	4.18	34.05	5.31	1245
3730	7460 90 TON W/200' BOOM 213/230 HP D/D	544,714	70.25	79.59	28.19	39.42	6.60	42.01	8.49	1503
3735	7530 125 TON W/220' BOOM 213/350 HP D/D	585,510	75.90	85.98	30.27	42.31	7.25	45.09	9.26	1696
3740	8460 165 TON W/240' BOOM 268/350 HP D/D	839,051	103.78	116.28	41.79	57.59	8.63	60.87	11.07	2320
3745	9530 220 TON W/260' BOOM 268/500 HP D/D	1,181,936	143.88	160.69	58.70	80.79	9.45	85.37	12.03	3480
	LINK BELT (FMC)									
3755	HC78B 35 TON W/100' BOOM 84/197 HP D/D	279,248	36.73	41.94	15.11	21.48	3.18	23.14	4.03	773
3760	HC108C 50 TON W/150' BOOM 110/238 HP D/D	370,493	48.76	55.66	20.00	28.41	4.06	30.59	5.15	1197
3765	HC138A 75 TON W/200' BOOM 165/318 HP D/D	453,777	59.21	67.09	23.44	32.76	5.87	34.92	7.47	1304
3770	HC218A 100 TON W/220' BOOM 165/318 HP D/D	531,119	67.94	76.79	27.46	38.39	5.87	40.91	7.47	1688
3775	HC238B 140 TON W/230' BOOM 171/318 HP D/D	652,572	80.22	89.71	32.45	44.68	6.02	47.21	7.67	2220
3780	HC268 225 TON W/310' BOOM 314/440 HP D/D	1,007,050	124.95	140.02	50.08	68.97	10.28	72.89	13.16	2852
	LORAIN									
3790	MC790 90 TON W/220' BOOM 210/270 HP D/D	496,551	65.35	74.24	25.63	35.80	6.74	38.15	8.65	1594
3795	MC1115 115 TON W/230' BOOM 210/301 HP D/D	540,436	70.45	79.90	27.92	39.01	6.91	41.57	8.85	1749
3800	MC1400 140 TON W/230' BOOM 210/301 HP D/D	604,195	76.08	85.43	30.02	41.33	6.91	43.68	8.85	1950
3805	MC1650 165 TON W/250' BOOM 220/315 HP D/D	740,955	91.57	102.52	36.83	50.71	7.24	53.59	9.27	2614
	P & H									
3815	9070 70 TON W/180' BOOM 140/335 HP D/D	392,536	51.35	58.16	20.31	28.40	5.34	30.27	6.75	1115
3820	790BTC 90 TON W/200' BOOM 160/350 HP D/D	530,145	68.05	76.94	27.37	38.25	5.92	40.77	7.51	1606
3825	9150 150 TON W/270' BOOM 210/350 HP D/D	695,385	86.33	96.71	34.59	47.64	7.18	50.35	9.16	1805
3830	6250TC 300 TON W/320' BOOM 364/450 HP D/D	1,475,625	177.63	198.22	73.54	101.38	11.59	107.16	14.88	3928

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, TOWER									
	**********									
	AMERICAN PECCO									
	MODEL SK135-2 FREE STANDING 60 HP E 7500# @ 132' RADIUS (L-2)									
3850	7-S16 TOWER SECTS=103 FT HIGH	289,986	47.00		15.79	22.14	3.70			740
	OPT. 14'9-1/4" S16 TOWER SECT									
3860	ADD TO BASIC CRANE FOR EA SECT	12,315	1.53		0.67	0.94	0.00			51
3865	TOP CLIMBING OPT. ADD TO BASIC	46,246	5.76		2.52	3.53	0.00			118
	MODEL SK200 FREE STANDING 105 HP E 10600# @ 143' RADIUS (L-2)									
3875	7-S16 TOWER SECTS=103 FT HIGH	364,329	60.44		19.84	27.82	6.48			883
	14'9-1/4" S16 TOWER SECTION									
3885	ADD TO BASIC CRANE FOR EA SECT	12,315	1.53		0.67	0.94	0.00			51
3890	TOP CLIMBING OPT. ADD TO BASIC	46,246	5.76		2.52	3.53	0.00			118
	MODEL SK400 FREE STANDING 105 HP E 18500# @ 162' RADIUS (L-2)									
3900	6-S35 TOWER SECTS=116 FT HIGH	445,387	70.55		24.25	34.01	6.48			1216
	OPT. 19'4-1/4" S35 TOWER SECT.									
3910	ADD TO BASIC CRANE FOR EA SECT	15,425	1.93		0.84	1.18	0.00			84
3915	TOP CLIMBING OPT. ADD TO BASIC	47,065	5.86		2.56	3.59	0.00			223
	MODEL SK560 FREE STANDING 165 HP E 24500# @ 170' RADIUS (L-2)									
3925	6-S213 TOWER SECTS=116 FT HIGH	515,333	84.83		28.06	39.35	10.19			1547
	OPT. 19'4-1/4" S213 TOWER SECT									
3935	ADD TO BASIC CRANE FOR EA SECT	16,364	2.04		0.89	1.25	0.00			100
3940	TOP CLIMBING OPT. ADD TO BASIC	91,045	11.35		4.96	6.95	0.00			252

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CRANES, TOWER (CONT'D)									
	AMERICAN PECCO (CONT'D)									
	MODEL SN355 FREE STANDING 165 HP E 12300# @ 165' RADIUS (L-2) WITH LUFFING BOOM									
3950	6-S35 TOWER SECTS=116 FT HIGH	543,720	88.36		29.60	41.51	10.19			2152
	OPT. 19'4-1/4" S35 TOWER SECT									
3960	ADD TO BASIC CRANE FOR EA SECT	15,425	1.93		0.84	1.18	0.00			84
3965	TOP CLIMBING OPT. ADD TO BASIC	95,967	11.97		5.23	7.33	0.00			159
	DRILLS, BLAST HOLE, CRAWLER MTD									
	GARDNER DENVER									
3980	AT3100B/PR55 3.5" HOLE 12' FEED 600CFM A	66,062	14.53		4.85	7.48	0.00			92
3985	AT3100B/PR123J 4.0" HOLE 12' FEED 750CFM A	69,876	15.32		5.13	7.91	0.00			91
3990	AT3100B/PR66 4.0" HOLE 12' FEED 900CFM A	72,623	15.90		5.34	8.23	0.00			93
3995	AT3800A/PR55 ANGLE DRILL 600CFM A 3.5" HOLE 20' FEED	82,313	17.96		6.05	9.32	0.00			123
4000	ATD3800A/PR123J ANGLE DRILL 750CFM A 4.0" HOLE 20' FEED	86,146	18.75		6.33	9.75	0.00			124
4005	AT3800A/PR66 ANGLE DRILL 900CFM A 4.0" HOLE 20' FEED	88,881	19.32		6.53	10.06	0.00			125
4010	SCH3500BV HYDRAULIC DRILL 223 HP D 2.5" HOLE 12' FEED	217,663	55.62		15.99	24.65	6.92			125
4015	HYDR. RING DRILL JUMBO 5'FEED 75 HP E 3.5" HOLE, HPR1 DRILL & MOD1 POWER	161,582	43.34		11.87	18.29	5.70			144
	INGERSOLL-RAND									
4025	ECM350/VL140 3.5" HOLE 12' FEED 750CFM A	78,399	17.10		5.76	8.88	0.00			129
4030	ECM350/VL671 4.0" HOLE 12' FEED 900CFM A	85,490	18.62		6.28	9.68	0.00			131
4035	ECM 450Y 3.0" HOLE 12' FEED 100 HP D	117,922	28.36		8.66	13.35	3.10			188

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	DRILLS, BLAST HOLE, CRLR MTD (CONT'D)									
	SULLIVAN									
4045	MAVRICK/VCR350 2.5" HOLE 12' FEED 450CFM A	44,918	9.83		3.30	5.08	0.00			60
4050	RAM STD/VCR260 4.0" HOLE 12' FEED 800CFM A	68,547	15.06		5.04	7.76	0.00			100
4055	RAM EXT/VCR260 4.0" HOLE 12' FEED 800CFM A	80,622	17.57		5.93	9.13	0.00			144
4060	MUSTANG VCR280 5.0" HOLE 20' FEED1200CFM A	99,646	21.63		7.33	11.29	0.00			184
4065	STALLION JH-6 5.5" HOLE 20' FEED 165 HP D	214,971	51.06		15.79	24.34	5.12			300
	DRILLS, CORE, COLUMN MOUNTED									
	ACKER									
4080	MOD 610-E 4" DIA. MAX 1 HP E	2,019	0.73		0.15	0.23	0.08			1
4085	MOD 930-E 9" DIA. MAX 2 HP E	2,482	0.99		0.18	0.28	0.15			2
4090	MOD 1050-E 10" DIA. MAX 3 HP E	3,997	1.46		0.29	0.45	0.23			3
4095	MOD 1080-E 10" DIA. MAX 11 HP E	9,129	4.12		0.68	1.04	0.84			6
	LONGYEAR									
4105	MOD 752 DRILL W/E4-230 MOTOR 3 HP E	3,329	1.22		0.24	0.37	0.23			2
4110	MOD 42N DRILL W/A4-350 MOTOR 165CFM A	3,562	1.14		0.26	0.40	0.00			3
	DRILLS, CORE, SKID MOUNTED									
	ACKER									
4125	TEREDO MARK-II NX 1000' MAX 44 HP D	35,154	9.00		2.58	3.98	1.36			45
4130	ACE MODEL C NX 400' MAX 20 HP D	24,355	5.84		1.79	2.76	0.62			35
4135	BUSH MASTER NX 900' MAX 48 HP D	41,965	10.58		3.08	4.75	1.49			45
	SPRAGUE AND HENWOOD									
4150	MOD 37-H NX 400' MAX 18 HP G	17,724	5.20		1.31	2.01	1.30			18
4155	MOD 40-CL NX 1050' MAX 49 HP D	27,445	7.58		2.01	3.10	1.52			27

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	DRILLS, ROTARY									
	**********									
	GARDNER-DENVER									
4170	MOD RDC-16B 3" TO 5 1/8" 131 HP D	164,772	30.14		9.76	14.13	4.06			310
4175	MOD GD-25/35C 6" TO 8 3/4" 250 HP D	227,939	44.64		13.50	19.54	7.75			600
4180	MOD GD-45C 6 3/4" TO 10 5/8" 325 HP D	359,119	67.39		21.27	30.79	10.08			775
4185	MOD GD-100 9 7/8" TO 15" 626 HP E	719,417	131.27		37.48	51.79	41.63			2110
4190	MOD GD-120 3 7/8" TO 17 1/2" 684 HP E	887,401	153.13		46.23	63.88	45.49			2910
	INGERSOLL-RAND									
4200	MOD DM-25 6 3/4" DRILLMASTER CRWL. MOUNTED 210 HP D	244,608	45.41		14.49	20.97	6.51			500
4205	MOD T4-BH 7-7/8" DRILLMASTER TRK. MOUNTED 304 HP D	321,970	62.07		18.95	27.36	9.43			550
4210	MOD TH-60 WATER WELL DRILL TRK. MOUNTED 435 HP D	299,465	64.00		17.64	25.49	13.49			460
	ROBBINS									
4220	RRT 35 TK MTD 6-1/4" TO 8-0" 335/225 HP D/D	329,688	66.11		19.41	28.03	11.62			600
4225	RRT 50 TK MTD 6 3/4" TO 9" 335 HP D	479,236	87.26		28.19	40.71	10.39			860
4230	RRT 60 TK MTD 6 3/4" TO 9 7/8" 350 HP D	542,110	97.27		31.92	46.10	10.86			960
4235	RR10S ON D9H 6 3/4" TO 9" 410 HP D	394,101	76.24		23.34	33.79	12.72			1160
4240	RR10HD ON D9H 6 3/4" TO 10 5/8" 410 HP D	457,325	85.64		27.08	39.20	12.72			1340
4245	RR10XHD ON 41B 9 7/8" TO 12 1/4" 524 HP D	632,368	96.93		32.95	45.52	16.25			1830
4250	RR12E CRLR MTD 9" TO 12 1/4" 725/450 HP E/E	1,164,063	241.40		60.64	83.79	86.69			2605
	FORK LIFTS									
	**********									
	CATERPILLAR									
	LC = LOAD CENTER									
4270	M20 ELECT 2000# @ 24" LC 18 HP E	17,304	4.88		1.25	1.92	1.11			54
4275	M25 ELECT 2500# @ 24" LC 18 HP E	17,402	4.91		1.27	1.94	1.11			54
4280	MC30 ELECT 3000# @ 24" LC 18 HP E	18,400	5.10		1.33	2.04	1.11			85

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

UNIT NO.	EQUIPMENT		VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
				CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
				AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	FORK LIFTS (CONT'D)										
	CATERPILLAR (CONT'D)										
4285	M40B ELECT 4000# @ 24" LC	32 HP E	24,598	7.52		1.78	2.73	1.98			95
4290	M50B ELECT 5000# @ 24" LC	32 HP E	25,081	7.61		1.82	2.79	1.98			102
4295	MC60B ELECT 6000# @ 24" LC	47 HP E	27,576	9.42		2.00	3.07	2.90			123
4300	M70B ELECT 7000# @ 24" LC	53 HP E	34,411	11.25		2.49	3.81	3.27			134
4305	M80B ELECT 8000# @ 24" LC	53 HP E	35,986	11.56		2.62	4.01	3.27			142
4310	M100B ELECT 10000# @ 24" LC	53 HP E	37,474	11.82		2.73	4.19	3.27			160
4315	V30D GAS 3000# @ 24" LC	37 HP G	17,181	5.92		1.25	1.92	2.17			37
4320	V40C GAS 4000# @ 24" LC	48 HP G	21,689	7.62		1.56	2.39	2.82			41
4325	V50C GAS 5000# @ 24" LC	48 HP G	22,138	7.74		1.58	2.40	2.82			45
4330	V60E GAS 6000# @ 24" LC	63 HP G	30,646	10.40		2.22	3.39	3.70			52
4335	V70E GAS 7000# @ 24" LC	63 HP G	30,979	10.47		2.24	3.43	3.70			56
4340	V80E GAS 8000# @ 24" LC	63 HP G	32,216	10.70		2.33	3.57	3.70			59
4345	V110 DIESEL 11000# @ 24" LC	66 HP D	47,355	11.04		3.42	5.24	1.66			82
4350	V150 DIESEL 15000# @ 24" LC	70 HP D	50,937	11.83		3.68	5.64	1.76			92
4355	V180B DIESEL 18000# @ 24" LC	125 HP D	67,503	16.73		4.83	7.38	3.13			114
4360	V200B DIESEL 20000# @ 24" LC	125 HP D	74,754	18.09		5.36	8.19	3.13			124
4365	V250B DIESEL 25000# @ 24" LC	125 HP D	78,511	18.81		5.64	8.62	3.13			154
4370	V300B DIESEL 30000# @ 24" LC	125 HP D	84,677	20.02		6.06	9.25	3.13			165
4375	R40 DIESEL 4000# @ 24" LC	68 HP D	31,039	8.02		2.23	3.40	1.71			107
4380	R50 DIESEL 5000# @ 24" LC	68 HP D	31,693	8.15		2.28	3.48	1.71			112
4385	R60 DIESEL 6000# @ 24" LC	68 HP D	38,034	9.34		2.74	4.19	1.71			128
4390	R80 DIESEL 8000# @ 24" LC	68 HP D	39,498	9.67		2.80	4.27	1.71			138
	HYSTER - CHALLENGER										
4400	H30XL 3000# @ 24" LC	63 HP G	16,724	7.77		1.19	1.81	3.70			58
4405	H60XL 6000# @ 24" LC	80 HP G	24,098	10.40		1.73	2.64	4.70			91
4410	H110R 11000# @ 24" LC	116 HP G	47,490	17.45		3.44	5.27	6.81			163

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	FORK LIFTS (CONT'D)									
	HYSTER - CHALLENGER (CONT'D)									
4415	H150H 15000# @ 24" LC 127 HP G	64,845	21.62		4.64	7.08	7.46			234
4420	H200HS20000# @ 24" LC PS 127 HP G	75,750	23.68		5.44	8.31	7.46			256
4425	H250H 25000# @ 24" LC PS 127 HP G	75,939	23.73		5.43	8.29	7.46			295
4430	H300B 30000# @ 24" LC PS 127 HP G	82,221	24.89		5.92	9.05	7.46			360
4435	H460CS46000# @ 36" LC PS 190 HP G	169,491	46.07		12.18	18.63	11.16			590
	GENERATOR SETS, ELECTRIC									
	CATERPILLAR T = TURBOCHARGED TA = TURBOCHARGED AFTER COOLED									
	SKID MOUNTED									
4455	MOD 3304B-T 240/480V 100 KW 148 HP D	17,290	8.42	10.61	1.49	2.40	3.71	2.67	4.88	37
4460	MOD 3306B-T 240/480V 125 KW 187 HP D	22,664	10.82	13.62	1.95	3.14	4.69	3.49	6.17	46
4465	MOD 3306B-TA 240/480V 150 KW 220 HP D	24,443	12.24	15.44	2.11	3.39	5.52	3.77	7.26	48
4470	MOD 3406B-T 240/480V 200 KW 290 HP D	26,232	14.81	18.78	2.26	3.64	7.27	4.04	9.57	57
4475	MOD 3406B-TA 240/480V 250 KW 370 HP D	30,026	18.13	23.05	2.58	4.16	9.28	4.63	12.21	59
4480	MOD 3408B-T 240/480V 255 KW 370 HP D	35,646	19.37	24.53	3.07	4.94	9.28	5.49	12.21	77
4485	MOD 3408B-TA 240/480V 310 KW 450 HP D	39,764	22.77	28.89	3.42	5.51	11.29	6.13	14.85	81
4490	MOD 3412-T 240/480V 355 KW 500 HP D	48,085	26.16	33.13	4.14	6.66	12.54	7.41	16.50	91
4495	MOD 3412-TA 240/480V 455 KW 650 HP D	65,312	34.62	43.80	5.62	9.05	16.30	10.06	21.45	102
4500	MOD 3508 240/480V 600 KW 845 HP D	87,051	45.48	57.50	7.49	12.06	21.19	13.41	27.88	140
4505	MOD 3512 240/480V 900 KW 1250 HP D	118,397	64.98	82.35	10.18	16.40	31.35	18.25	41.25	202
4510	MOD 3516 480V 1100 KW 1450 HP D	155,509	79.40	100.31	13.37	21.54	36.37	23.97	47.85	256
	KOHLER									
4520	2.25[illegible]25 PORTABLE 2.25 KW 5 HP G	853	0.55	0.69	0.08	0.12	0.29	0.13	0.38	1
4525	3.5[illegible]65 PORTABLE 3.50 KW 8 HP G	1,344	0.87	1.12	0.11	0.18	0.47	0.21	0.61	2
4530	5[illegible]65 PORTABLE 5.00 KW 12 HP G	1,745	1.25	1.60	0.15	0.24	0.70	0.27	0.92	2

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	GENERATOR SETS, ELECTRIC (CONT'D)									
	ONAN									
	SKID MOUNTED									
4545	120/240V 2.5 KW 6 HP G	1,540	0.77	0.97	0.13	0.21	0.35	0.23	0.46	2
4550	120/240V 6.5 KW 14 HP G	3,468	1.78	2.25	0.30	0.48	0.82	0.54	1.07	3
4555	120/240V 10.0 KW 20 HP G	3,790	2.29	2.90	0.33	0.53	1.17	0.59	1.53	4
4560	120/240V 3.0 KW 6 HP D	4,015	1.07	1.31	0.34	0.55	0.15	0.62	0.20	4
4565	120/240V 6.0 KW 12 HP D	5,328	1.55	1.90	0.46	0.74	0.30	0.82	0.40	5
4570	120/240V 12.0 KW 22 HP D	7,669	2.38	2.92	0.67	1.07	0.55	1.18	0.73	7
4575	120/240V 15 KW 27 HP D	7,863	2.58	3.17	0.68	1.09	0.68	1.21	0.89	14
4580	120/240V 30 KW 63 HP D	11,663	4.54	5.66	1.01	1.62	1.58	1.80	2.08	19
4585	120/240V 45 KW 87 HP D	15,422	6.11	7.62	1.33	2.14	2.18	2.37	2.87	25
4590	120/240V 60 KW 102 HP D	17,723	7.07	8.85	1.52	2.45	2.56	2.73	3.37	26
4595	120/240V 75 KW 162 HP D	21,090	9.70	12.19	1.82	2.93	4.06	3.25	5.35	30
4600	120/240V 90 KW 162 HP D	22,097	9.91	12.45	1.90	3.06	4.06	3.40	5.35	30
4605	120/240V 125 KW 210 HP D	25,572	12.18	15.33	2.21	3.55	5.27	3.94	6.93	50
4610	120/240V 150 KW 276 HP D	30,305	15.26	19.29	2.60	4.19	6.92	4.67	9.11	65
	OVERLOWE									
4620	KP2250R PORTABLE 2.25 KW 5 HP G	956	0.57	0.71	0.08	0.13	0.29	0.14	0.38	1
4625	KP3000R PORTABLE 3.00 KW 7 HP G	1,042	0.74	0.95	0.09	0.14	0.41	0.17	0.54	2
4630	KP3750BIC PORTABLE 3.75 KW 8 HP G	1,465	0.90	1.15	0.13	0.20	0.47	0.23	0.61	2
4635	KP5000BIC PORTABLE 5.00 KW 10 HP G	1,851	1.13	1.43	0.16	0.25	0.59	0.28	0.77	2
4640	KP6500BICB PORTABLE 6.50 KW 16 HP G	1,943	1.60	2.02	0.17	0.27	0.94	0.30	1.22	3
4645	KP7500BICB PORTABLE 7.50 KW 16 HP G	1,840	1.57	1.99	0.16	0.25	0.94	0.28	1.22	3

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

UNIT NO.	EQUIPMENT			VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
					CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
					AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	GRADERS, MOTOR **********											
	CATERPILLAR											
4660	MOD 120-G	POWER SHIFT ARTIC	125 HP D	106,268	20.17	25.19	6.83	9.97	2.89	11.28	3.79	272
4665	MOD 130-G	POWER SHIFT ARTIC	135 HP D	121,014	22.72	28.34	7.80	11.39	3.12	12.87	4.10	293
4670	MOD 12-G	POWER SHIFT ARTIC	135 HP D	132,640	24.50	30.55	8.54	12.48	3.12	14.11	4.10	316
4675	MOD 140-G	POWER SHIFT ARTIC	150 HP D	133,531	25.14	31.39	8.58	12.53	3.46	14.17	4.55	318
4680	MOD 14-G	POWER SHIFT ARTIC	180 HP D	190,290	35.01	43.70	12.15	17.70	4.16	20.00	5.46	441
4685	MOD 16-G	POWER SHIFT ARTIC	250 HP D	276,197	50.53	63.07	17.61	25.63	5.77	28.97	7.59	584
	CHAMPION											
4695	MOD 710A	ARTICULATED	135 HP D	104,774	20.31	25.40	6.72	9.80	3.12	11.08	4.10	286
4700	MOD 720A	ARTICULATED	152 HP D	125,389	23.99	29.98	8.05	11.74	3.51	13.26	4.61	335
4705	MOD 730A	ARTICULATED	180 HP D	129,108	25.42	31.82	8.29	12.09	4.16	13.67	5.46	340
4710	MOD 740A	ARTICULATED	210 HP D	141,788	28.27	35.41	9.11	13.30	4.85	15.04	6.38	345
4715	MOD 710	NON-ARTICULATED	135 HP D	98,537	19.38	24.24	6.32	9.21	3.12	10.40	4.10	280
4720	MOD 720	NON-ARTICULATED	152 HP D	109,226	21.54	26.99	6.99	10.19	3.51	11.53	4.61	315
4725	MOD 730	NON-ARTICULATED	180 HP D	117,980	23.74	29.75	7.56	11.03	4.16	12.46	5.46	330
4730	MOD 740	NON-ARTICULATED	210 HP D	133,696	27.04	33.91	8.59	12.53	4.85	14.17	6.38	345
4735	MOD 760	NON-ARTICULATED	210 HP D	152,794	30.27	37.95	9.71	14.12	4.85	15.95	6.38	390
	FIAT-ALLIS											
4745	MOD-65B	DIRECT DRIVE	68 HP D	58,670	11.10	13.87	3.77	5.50	1.57	6.23	2.06	135
4750	MOD-FG75	POWER SHIFT	130 HP D	91,592	18.13	22.71	5.87	8.56	3.00	9.68	3.95	300
4755	MOD-FG85	POWER SHIFT	145 HP D	98,525	19.70	24.68	6.31	9.19	3.35	10.39	4.40	310
4760	MOD-FG95	POWER SHIFT	160 HP D	105,431	21.36	26.77	6.71	9.76	3.70	11.02	4.86	330
	GALION/DRESSER											
4770	MOD 400E	POWER SHIFT	125 HP D	104,196	19.86	24.81	6.70	9.78	2.89	11.06	3.79	286
4775	MOD 450E	POWER SHIFT	145 HP D	113,238	21.85	27.32	7.29	10.64	3.35	12.04	4.40	306
4780	MOD A-500	POWER SHIFT	145 HP D	119,539	22.82	28.52	7.68	11.22	3.35	12.70	4.40	318

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

UNIT NO.	EQUIPMENT			VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	GRADERS, MOTOR (CONT'D)											
	GALION/DRESSER (CONT'D)											
4785	MOD A-550	POWER SHIFT	175 HP D	133,773	25.95	32.46	8.60	12.56	4.04	14.20	5.31	327
4790	MOD A-600	POWER SHIFT	197 HP D	138,754	27.39	34.27	8.92	13.03	4.55	14.73	5.98	336
4795	MOD A-606	POWER SHIFT	197 HP D	155,285	29.90	37.39	9.98	14.58	4.55	16.50	5.98	342
	JOHN DEERE											
4805	MOD 570A	POWER SHIFT	85 HP D	85,778	15.84	19.76	5.50	8.02	1.96	9.06	2.58	205
4810	MOD 670A	POWER SHIFT	125 HP D	105,622	20.07	25.07	6.79	9.91	2.89	11.21	3.79	275
4815	MOD 672A	POWER SHIFT	125 HP D	124,725	23.01	28.70	8.01	11.70	2.89	13.23	3.79	286
4820	MOD 770A	POWER SHIFT	150 HP D	121,056	23.23	29.04	7.78	11.35	3.46	12.84	4.55	310
4825	MOD 772A	POWER SHIFT	150 HP D	140,528	26.18	32.67	9.04	13.21	3.46	14.95	4.55	320
	KOMATSU											
4835	GD 505A-2	ARTIC	130 HP D	100,166	19.45	24.34	6.41	9.35	3.00	10.58	3.95	275
4840	GD 605A-2	ARTIC	145 HP D	119,553	22.89	28.63	7.66	11.17	3.35	12.64	4.40	336
4845	GD 705A-4	ARTIC	200 HP D	165,901	31.93	39.97	10.56	15.36	4.62	17.37	6.07	425
4850	GD 825A-1	ARTIC	280 HP D	265,487	49.85	62.29	16.90	24.60	6.47	27.80	8.50	578
	TROJAN											
4860	MOD P105	POWER SHIFT	112 HP D	99,840	18.89	23.62	6.38	9.30	2.59	10.52	3.40	205
4865	MOD P155	POWER SHIFT	152 HP D	115,643	22.55	28.22	7.40	10.79	3.51	12.19	4.61	317
4870	MOD P155A	POWER SHIFT	170 HP D	127,469	24.89	31.15	8.17	11.91	3.93	13.47	5.16	324
	HOISTS											
	AIR TUGGERS											
	BEEBE											
4885	2000P110-24	1.0 T 225 CFM RQD		6,110	1.32		0.45	0.69	0.00			5
4890	5000P120-24	2.5 T 500 CFM RQD		9,780	2.13		0.72	1.10	0.00			16
4895	10000P 50-24	5.0 T 500 CFM RQD		11,832	2.66		0.87	1.34	0.00			22
4900	20000P 50-40	10.0 T 850 CFM RQD		30,640	6.50		2.24	3.45	0.00			55

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	HOISTS (CONT'D)									
	SKAGIT									
4910	BU-18 DOUBLE DRUM W/5/8" CABLE 100 HP D	73,871	17.81		5.42	8.34	2.51			85
4915	G-70 DOUBLE DRUM W/7/8" CABLE 100 HP D	99,838	22.97		7.32	11.27	2.51			126
4920	RB-80 DOUBLE DRUM W/1-1/8" CABLE 130 HP D	153,462	34.57		11.25	17.32	3.26			240
4925	RB-90WDOUBLE DRUM W/1-3/8" CABLE 150 HP D	171,021	38.69		12.55	19.31	3.76			300
	HYDRAULIC EXCAVATOR, CRAWLER MOUNTED									
	T/B = TELESCOPING BOOM B/H = BACKHOE									
	AKERMAN									
4940	MOD H7C .92 CY B/H 145 HP D	130,446	33.68	45.78	10.65	16.65	3.35	20.80	4.40	343
4945	MOD H10B 1.37 CY B/H 166 HP D	156,377	35.83	45.99	11.46	17.63	3.83	20.82	5.04	466
4950	MOD H14B 1.64 CY B/H 209 HP D	186,477	43.04	55.25	13.67	21.02	4.83	24.83	6.35	595
4955	MOD H16D 1.90 CY B/H 262 HP D	287,310	64.64	82.94	21.06	32.39	6.05	38.26	7.95	873
4960	MOD H25C 2.55 CY B/H 326 HP D	452,057	92.29	114.04	30.39	46.24	7.53	52.82	9.90	1261
	BADGER (HOPTO)									
4970	MOD 311 1.88 CY B/H 235 HP D	245,892	55.62	71.38	18.02	27.72	5.43	32.75	7.13	745
4975	MOD 900B 2.00 CY B/H 308 HP D	296,466	67.73	86.96	21.73	33.42	7.11	39.48	9.35	1015
4980	MOD 1900 5.00 CY B/H 616 HP D	618,652	131.08	162.34	41.59	63.28	14.23	72.28	18.70	2050
	CASE									
4995	MOD 880D "E" BOOM .63 CY B/H 114 HP D	77,399	20.87	28.35	6.32	9.88	2.63	12.35	3.46	310
5000	MOD 1080 .75 CY B/H 153 HP D	100,952	27.36	37.15	8.25	12.89	3.53	16.10	4.65	400
5005	MOD 1280B 1.00 CY B/H 198 HP D	127,736	30.99	39.84	9.36	14.40	4.57	17.01	6.01	495
	CATERPILLAR									
5015	MOD 205 LC .50 CY B/H 71 HP D	67,483	17.30	23.52	5.52	8.62	1.64	10.76	2.16	311
5020	MOD 211 .68 CY B/H 94 HP D	84,774	21.88	29.74	6.92	10.82	2.17	13.52	2.85	326
5025	MOD 213 .86 CY B/H 102 HP D	97,112	24.90	33.84	7.93	12.40	2.36	15.48	3.10	358

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	HYDRAULIC EXCAVATOR,CRLR MTD (CONT'D) ********** T/B = TELESCOPING BOOM B/H = BACKHOE									
	CATERPILLAR (CONT'D)									
5030	MOD 215B LC 1.00 CY B/H 105 HP D	121,099	30.33	41.27	9.89	15.46	2.43	19.32	3.19	400
5035	MOD 225 1.25 CY B/H 135 HP D	163,644	36.41	46.72	11.99	18.44	3.12	21.79	4.10	504
5040	MOD 235B 1.875 CY B/H 215 HP D	307,308	67.31	86.35	22.51	34.63	4.97	40.93	6.53	915
5045	MOD 245 3.00 CY B/H 325 HP D	462,054	94.10	116.26	31.07	47.27	7.51	53.99	9.87	1395
	FIAT-ALLIS									
5055	MOD FE18 .74 CY B/H 86 HP D	108,818	26.98	36.72	8.89	13.89	1.99	17.35	2.61	372
5060	MOD FE20 .90 CY B/H 105 HP D	123,947	30.97	42.13	10.13	15.83	2.43	19.77	3.19	452
5065	MOD FE28 1.33 CY B/H 152 HP D	166,986	37.55	48.19	12.24	18.82	3.51	22.24	4.61	585
5070	MOD FE40L 2.10 CY B/H 243 HP D	259,672	58.58	75.20	19.03	29.27	5.61	34.58	7.38	984
	GRADALL									
5080	MOD G-660C .88 CY T/B 145 HP D	172,181	42.98	58.49	14.06	21.98	3.35	27.46	4.40	452
5085	MOD G-880C 1.00 CY T/B 145 HP D	205,017	50.30	68.47	16.75	26.18	3.35	32.69	4.40	536
5090	MOD G-1000 1.25 CY T/B 272 HP D	276,854	62.82	80.64	20.28	31.20	6.28	36.87	8.26	787
	HITACHI									
5100	MOD UH 083 1.13 CY B/H 115 HP D	116,924	26.53	34.06	8.56	13.17	2.66	15.57	3.49	408
5105	MOD UH 123 1.50 CY B/H 157 HP D	182,794	40.86	52.42	13.39	20.60	3.63	24.35	4.77	573
5110	MOD UH 181 2.38 CY B/H 270 HP D	280,125	63.42	81.40	20.52	31.57	6.24	37.30	8.20	904
5115	MOD UH 261 3.38 CY B/H 476 HP D	405,681	87.98	109.13	27.27	41.49	11.00	47.40	14.45	1320
5120	MOD UH 501 5.25 CY B/H 540 HP D	547,444	112.53	135.83	33.86	50.31	12.47	56.00	16.39	1980
5125	MOD UH 801 8.38 CY B/H 800 HP D	966,848	194.36	234.13	59.80	88.86	18.48	98.91	24.29	3460
	INSLEY									
5135	MOD H600C .75 CY B/H 135 HP D	107,394	28.23	38.36	8.77	13.71	3.12	17.13	4.10	385
5140	MOD H800C 1.00 CY B/H 160 HP D	130,282	34.13	46.36	10.65	16.64	3.70	20.77	4.86	440
5145	MOD H1000C 1.25 CY B/H 180 HP D	153,399	35.62	45.74	11.24	17.29	4.16	20.43	5.46	517

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNERSHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNERSHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	HYDRAULIC EXCAVATOR,CRLR MTD (CONT'D) ********** T/B = TELESCOPING BOOM B/H = BACKHOE									
	INSLEY (CONT'D)									
5150	MOD H1500C 1.75 CY B/H 255 HP D	236,763	54.35	69.77	17.35	26.69	5.89	31.53	7.74	783
5155	MOD H2500C 2.25 CY B/H 290 HP D	276,345	63.22	81.15	20.25	31.15	6.70	36.80	8.80	955
5160	MOD H3500C 3.50 CY B/H 400 HP D	388,388	82.66	102.41	26.11	39.73	9.24	45.38	12.14	1300
	JOHN DEERE									
5170	MOD 490 .50 CY B/H 75 HP D	76,540	19.44	26.45	6.25	9.77	1.73	12.21	2.28	265
5175	MOD 690 C .875 CY B/H 125 HP D	109,702	28.42	38.63	8.96	14.00	2.89	17.50	3.79	400
5180	MOD 790 1.00 CY B/H 155 HP D	141,941	36.56	49.71	11.59	18.12	3.58	22.64	4.71	510
5185	MOD 792 1.50 CY B/H 180 HP D	173,802	39.69	50.95	12.74	19.59	4.16	23.15	5.46	644
5190	MOD 990 2.125 CY B/H 260 HP D	263,776	59.88	76.85	19.33	29.73	6.01	35.12	7.89	912
	KOEHRING									
5200	MOD 6605 .20 CY B/H 46 HP D	42,728	10.97	14.93	3.49	5.45	1.06	6.81	1.40	118
5205	MOD 6608 .34 CY B/H 64 HP D	54,171	14.10	19.17	4.42	6.91	1.48	8.64	1.94	163
5210	MOD 6611 .52 CY B/H 74 HP D	73,413	18.72	25.45	6.00	9.38	1.71	11.71	2.25	246
5215	MOD 6614 .85 CY B/H 93 HP D	92,432	23.57	32.03	7.56	11.81	2.15	14.74	2.82	310
5220	MOD 6620 1.18 CY B/H 122 HP D	122,791	27.90	35.81	9.00	13.84	2.82	16.35	3.70	432
5225	MOD 6625 1.46 CY B/H 162 HP D	160,790	36.60	46.98	11.79	18.13	3.74	21.42	4.92	560
5230	MOD 6644 2.00 CY B/H 257 HP D	280,865	63.21	81.11	20.58	31.66	5.94	37.40	7.80	920
5235	MOD 866E 3.25 CY B/H 332 HP D	465,615	94.95	117.31	31.30	47.63	7.67	54.40	10.08	1306
5240	MOD 1066E 4.00 CY B/H 420 HP D	578,646	118.20	146.06	38.90	59.19	9.70	67.60	12.75	1640
5245	MOD 1166E 5.00 CY B/H 464 HP D	644,544	131.56	162.56	43.33	65.93	10.72	75.31	14.09	1890
5250	MOD 1266 5.50 CY B/H 664 HP D	938,042	185.35	222.93	58.01	86.21	15.34	95.96	20.16	2600
5255	MOD 1466 9.00 CY B/H 832 HP D	1,095,206	218.02	262.40	67.73	100.65	19.22	112.03	25.26	2900

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	HYDRAULIC EXCAVATOR,CRLR MTD (CONT'D) ********** T/B = TELESCOPING BOOM B/H = BACKHOE									
	KOMATSU									
5265	MOD PC 120-3 .65 CY B/H 82 HP D	88,107	22.24	30.26	7.20	11.25	1.89	14.05	2.49	256
5270	MOD PC 150-3 .82 CY B/H 99 HP D	104,855	26.52	36.07	8.57	13.39	2.29	16.72	3.01	312
5275	MOD PC 200 LC-3 1.05 CY B/H 118 HP D	138,673	30.97	39.73	10.16	15.63	2.73	18.47	3.58	423
5280	MOD PC 220 LC-3 1.31 CY B/H 148 HP D	176,508	39.35	50.49	12.94	19.90	3.42	23.51	4.49	512
5285	MOD PC 300 LC-3 1.70 CY B/H 197 HP D	213,167	48.03	61.64	15.62	24.03	4.55	28.39	5.98	679
5290	MOD PC 650-1 3.60 CY B/H 404 HP D	512,113	105.52	130.47	34.43	52.39	9.33	59.83	12.27	1433
	UNIT									
5300	MOD H202CT SER II 1.25 CY B/H 152 HP D	156,918	35.55	45.61	11.50	17.69	3.51	20.89	4.61	475
5305	MOD H342 1.63 CY B/H 228 HP D	253,474	56.93	73.06	18.57	28.57	5.27	33.76	6.92	723
5310	MOD H471 1.75 CY B/H 304 HP D	313,746	71.06	91.23	22.99	35.36	7.02	41.78	9.23	972
	HYDRAULIC EXCAVATOR, TRUCK MOUNTED ********** (HP & FUEL LISTED EQUIP/CARRRIER) T/B = TELESCOPING BOOM B/H = BACKHOE									
	CATERPILLAR									
5325	MOD 206 .59 CY B/H 71 HP D	77,997	12.43	14.71	4.57	6.67	1.78	7.33	2.34	283
5330	MOD 212 .77 CY B/H 94 HP D	97,716	15.65	18.57	5.74	8.39	2.36	9.24	3.10	330
5335	MOD 214 .95 CY B/H 102 HP D	109,496	17.39	20.61	6.45	9.43	2.56	10.38	3.37	366
5340	MOD 224 1.18 CY B/H 124 HP D	140,590	20.36	23.64	7.62	10.83	3.11	11.66	4.09	443
	GRADALL									
5350	MOD G-3R .50 CY T/B 125 HP D	131,897	20.85	24.71	7.81	11.45	3.13	12.61	4.12	360
5355	MOD G-3W .50 CY T/B 125/205 HP D/D	142,990	23.89	28.29	8.43	12.34	4.25	13.60	5.43	380
5360	MOD G-660C .88 CY T/B 145/210 HP D/G	192,732	31.78	37.81	11.42	16.73	5.51	18.42	7.21	422
5365	MOD G-880C 1.00 CY T/B 145/210 HP D/D	233,919	35.99	42.34	13.84	20.28	4.78	22.34	6.12	535
5370	MOD G-1000 1.25 CY T/B 272/312 HP D/D	306,090	46.45	53.99	16.60	23.62	8.53	25.43	10.96	726

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

UNIT NO.	EQUIPMENT		VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
				CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
				AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	LAND CLEARING EQUIPMENT ********** (ADD TO LOADER/TRACTOR) (INCLUDES HYDRAULICS)										
	BALDERSON/FLECO										
5385	MOD BHTS 30 HYDR. TREE SHEAR FOR 953 LOADER		16,878	3.82	4.80	1.23	1.88	0.00	2.23	0.00	32
5390	MOD BMA8 MULTIAPPLICATION RAKE FOR D8L TRACTOR		20,308	4.42	5.60	1.48	2.27	0.00	2.69	0.00	83
5395	MOD BTXC973 CLAMP RAKE FOR 973 LOADER		22,823	4.94	6.24	1.67	2.56	0.00	3.01	0.00	63
5400	MOD BBL7 BLADE RAKE FOR D7G TRACTOR		10,954	2.47	3.11	0.80	1.22	0.00	1.45	0.00	37
5405	MOD BRR8 ROCK & ROOT RAKE FOR D8L TRACTOR		18,756	4.11	5.18	1.37	2.10	0.00	2.47	0.00	80
5410	MOD VT8 V-TREE CUTTER FOR D8L TRACTOR		29,621	6.42	8.11	2.17	3.32	0.00	3.91	0.00	140
5415	LOGGING FORK FOR 988 LOADER		23,453	5.27	6.61	1.72	2.63	0.00	3.10	0.00	70
5420	HEAVY DUTY CLEARING RAKE FOR D8L		18,379	4.04	5.09	1.35	2.06	0.00	2.43	0.00	71
	LAWNMOWERS **********										
	EXCEL										
5435	HUSTLER 275-60"	23 HP G	8,685	5.59		1.22	2.11	1.66			21
5440	HUSTLER 295-60"	25 HP G	10,092	6.34		1.42	2.46	1.80			24
5445	HUSTLER 305D-60"	32 HP D	11,278	5.82		1.59	2.75	0.99			25
5450	HUSTLER 320-72"	22 HP D	10,229	5.00		1.44	2.49	0.68			24
5455	HUSTLER 340-72"	28 HP D	11,009	5.57		1.55	2.69	0.87			24
5460	HUSTLER 400-72"	44 HP G	10,005	8.01		1.41	2.44	3.17			24
	TORO										
5470	MOD 20624 21" REAR BAGGER-PUSH	4 HP G	662	0.63		0.09	0.16	0.29			1
5475	MOD 725 21" REAR BAG-ENG.RIDER	7 HP G	1,223	1.11		0.16	0.27	0.50			3
5480	MOD1132 32" RIDER	11 HP G	1,631	1.64		0.22	0.37	0.79			4
5485	MOD1142 42" LAWN TRACTOR	11 HP G	2,488	1.99		0.34	0.58	0.79			5

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNERSHIP	FUEL	OWNERSHIP	FUEL	
	LAWNMOWERS (CONT'D)									
	TORO (CONT'D)									
5490	MOD 117 52" GROUNDMASTER 17 HP G	6,637	4.22		0.93	1.61	1.23			9
5495	MOD 217D 62" GROUNDMASTER 17 HP D	10,883	5.10		1.54	2.66	0.53			13
5500	MOD 220 62" GROUNDMASTER 20 HP G	9,331	5.59		1.31	2.27	1.44			11
5505	MOD 327 72" GROUNDMASTER 27 HP G	12,687	7.59		1.79	3.10	1.95			17
5510	MOD 322D 72" GROUNDMASTER 22 HP D	13,469	6.34		1.90	3.30	0.68			14
	LIGHTING SETS, TRAILER MOUNTED									
	ALLMAND METALLIC VAPOR									
5525	MAXI-LITE III 4/1000W 15 HP D	14,278	5.28		1.15	1.78	0.49			29
	AMIDA METALLIC VAPOR									
5535	MOD 5000 3.0KW 2/1000W W/GEN. 6 HP G	10,375	3.95		0.83	1.28	0.46			2
5540	MOD 5000 4.0KW 2/1000W W/GEN. 10 HP D	8,994	3.33		0.71	1.10	0.33			2
5545	MOD 5000 6.5KW 4/1000W W/GEN. 14 HP G	11,250	5.00		0.90	1.39	1.07			3
5550	MOD 5000 8.0KW 4/1000W W/GEN. 15 HP D	12,949	4.84		1.04	1.61	0.49			3
	OVER-LOWE METALLIC VAPOR									
5560	TM 352 2/1000W 3 KW 6 HP D	11,319	3.94		0.90	1.40	0.20			17
5565	TM 354 4/1000W 6 KW 12 HP D	14,960	5.39		1.20	1.87	0.40			22
5570	TM 356 6/1000W 8 KW 15 HP D	17,610	6.38		1.42	2.21	0.49			24

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	LOADERS, BELT ********** KOLMAN									
5585	101XHD 24"X50' 355 T/HR 28 HP D	33,834	8.63	11.33	2.40	3.65	0.70	4.31	0.92	116
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
5595	PLATE FEEDER DOZER TRAP MODEL 45	7,314	1.54	1.95	0.54	0.83	0.00	0.97	0.00	37
5600	BELT FEEDER DOZER TRAP MODEL 3 HP D	9,823	2.16	2.76	0.72	1.11	0.08	1.31	0.10	36
5605	WING WALLS STATIONARY	1,421	0.30	0.38	0.11	0.16	0.00	0.19	0.00	9
5610	TUNNEL EXTENSION W/BACKBOARDS	7,139	1.49	1.92	0.52	0.80	0.00	0.96	0.00	61
5615	SINGLE DECK SCREEN SB-70 7'X42	4,195	0.88	1.11	0.31	0.47	0.00	0.55	0.00	19
5620	DOUBLE DECK SCREEN DC-70-42 7'X42	6,247	1.30	1.68	0.46	0.70	0.00	0.84	0.00	27
5625	TRIPLE DECK SCREEN TC-70-42 7'X42	9,041	1.91	2.42	0.67	1.03	0.00	1.20	0.00	34
5630	XHD CONVEYOR JACKLEG	1,251	0.26	0.33	0.09	0.14	0.00	0.16	0.00	9
5635	101XHD 30"X50' 615 T/HR 42 HP D	37,513	9.99	13.16	2.66	4.04	1.05	4.75	1.39	135
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
5645	PLATE FEEDER DOZER TRAP MODEL 45	8,557	1.80	2.30	0.63	0.97	0.00	1.15	0.00	42
5650	BELT FEEDER DOZER TRAP MODEL 3 HP D	10,492	2.30	2.94	0.77	1.18	0.08	1.40	0.10	40
5655	WING WALLS STATIONARY	1,421	0.30	0.38	0.11	0.16	0.00	0.19	0.00	9
5660	TUNNEL EXTENSION W/BACKBOARDS	7,139	1.49	1.92	0.52	0.80	0.00	0.96	0.00	61
5665	SINGLE DECK SCREEN SB-80 8'X48	5,269	1.11	1.41	0.39	0.60	0.00	0.70	0.00	23
5670	DOUBLE DECK SCREEN DC-80-48 8'X48	7,384	1.55	1.97	0.54	0.83	0.00	0.98	0.00	35
5675	TRIPLE DECK SCREEN TC-80-48 8'X48	10,150	2.12	2.72	0.74	1.14	0.00	1.35	0.00	43
5680	XHD CONVEYOR JACKLEG	1,251	0.26	0.33	0.09	0.14	0.00	0.16	0.00	9
5685	101XHD 36"X50' 910 T/HR 56 HP D	42,577	11.77	15.54	3.00	4.55	1.40	5.35	1.85	160
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
5695	PLATE FEEDER DOZER TRAP MODEL 45	9,043	1.91	2.42	0.67	1.03	0.00	1.20	0.00	45
5700	BELT FEEDER DOZER TRAP MODEL 5 HP D	11,335	2.55	3.24	0.83	1.28	0.13	1.51	0.16	42
5705	WING WALLS STATIONARY	1,421	0.30	0.38	0.11	0.16	0.00	0.19	0.00	9
5710	TUNNEL EXTENSION W/BACKBOARDS	7,139	1.49	1.92	0.52	0.80	0.00	0.96	0.00	61
5715	SINGLE DECK SCREEN SB-90 9'X54	5,858	1.23	1.57	0.43	0.66	0.00	0.78	0.00	28

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	LOADERS, BELT (CONT'D)									
	KOLMAN (CONT'D)									
5720	DOUBLE DECK SCREEN DC-90-54 9'X54	8,265	1.73	2.22	0.61	0.93	0.00	1.11	0.00	43
5725	TRIPLE DECK SCREEN TC-90-54 9'X54	12,289	2.58	3.29	0.91	1.39	0.00	1.64	0.00	54
5730	XHD CONVEYOR JACKLEG	1,251	0.26	0.33	0.09	0.14	0.00	0.16	0.00	9
5735	101XHD 42"X50' 1260 T/HR 84 HP D	55,222	15.76	20.84	3.88	5.89	2.11	6.93	2.77	180
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
5745	PLATE FEEDER DOZER TRAP MODEL 45	11,119	2.34	2.98	0.82	1.26	0.00	1.48	0.00	48
5750	BELT FEEDER DOZER TRAP MODEL 5 HP D	14,555	3.22	4.11	1.07	1.64	0.13	1.94	0.16	45
5755	WING WALLS STATIONARY	1,421	0.30	0.38	0.11	0.16	0.00	0.19	0.00	9
5760	TUNNEL EXTENSION W/BACKBOARDS	7,139	1.49	1.92	0.52	0.80	0.00	0.96	0.00	61
5765	SINGLE DECK SCREEN SB-100 60"X10'	7,621	1.60	2.04	0.56	0.86	0.00	1.01	0.00	37
5770	DOUBLE DECK SCREEN DC-100 60"X10'	9,739	2.04	2.61	0.72	1.10	0.00	1.30	0.00	55
5775	XHD CONVEYOR JACKLEG	1,251	0.26	0.33	0.09	0.14	0.00	0.16	0.00	9
5780	101XHD 48"X50' 1700 T/HR 128 HP D	94,991	25.08	32.59	6.81	10.41	3.21	12.28	4.22	265
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
5790	PLATE FEEDER DOZER TRAP MODEL 45	13,653	2.86	3.66	1.00	1.54	0.00	1.82	0.00	51
5795	WING WALLS STATIONARY	1,421	0.30	0.38	0.11	0.16	0.00	0.19	0.00	9
5800	TUNNEL EXTENSION W/BACKBOARDS	7,178	1.51	1.93	0.53	0.81	0.00	0.96	0.00	66
5805	SINGLE DECK SCREEN SB-120 60"X12'	11,086	2.32	2.97	0.81	1.25	0.00	1.48	0.00	53
5810	DOUBLE DECK SCREEN DC-120 60"X12'	16,277	3.42	4.36	1.20	1.84	0.00	2.17	0.00	77
5815	TRIPLE DECK SCREEN TC-120 60"X12'	22,946	4.82	6.15	1.69	2.60	0.00	3.06	0.00	80
5820	XHD CONVEYOR JACKLEG	1,251	0.26	0.33	0.09	0.14	0.00	0.16	0.00	9
5825	303 48"X50' 2000 CY/HR 125 HP D	175,088	45.00	59.45	12.35	18.78	3.13	22.13	4.12	627
5830	303 48"X60' 2000 CY/HR 185 HP D	194,704	51.14	67.42	13.79	20.99	4.64	24.73	6.10	662
5835	303 60"X50' 3600 CY/HR 185 HP D	201,159	54.26	72.23	14.09	21.38	4.64	25.18	6.10	682
5840	303 60"X60' 3600 CY/HR 290 HP D	231,639	65.22	86.87	16.22	24.62	7.27	28.98	9.57	737
5845	404 48"X50' 2000 CY/HR 185 HP D	216,407	55.60	73.06	15.38	23.45	4.64	27.64	6.10	616
5850	404 48"X60' 2000 CY/HR 185 HP D	228,661	58.25	76.51	16.27	24.81	4.64	29.25	6.10	650

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	LOADERS, BELT (CONT'D)									
	KOLMAN (CONT'D)									
5855	404 60"X50' 3600 CY/HR 290 HP D	259,491	69.87	92.30	18.37	27.97	7.27	32.96	9.57	671
5860	404 60"X60' 3600 CY/HR 290 HP D	287,121	76.86	101.74	20.29	30.88	7.27	36.39	9.57	724
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
5870	SINGLE DECK SCREEN SB-120 72"X12'	16,533	3.47	4.42	1.22	1.87	0.00	2.20	0.00	58
5875	DOUBLE DECK SCREEN DC-120 72"X12'	21,742	4.56	5.82	1.59	2.45	0.00	2.90	0.00	85
5880	TRIPLE DECK SCREEN TC-120 72"X12'	24,882	5.22	6.67	1.83	2.81	0.00	3.32	0.00	90
5885	SINGLE DECK VIBRATING GRIZZLE 72"W	24,973	5.24	6.69	1.83	2.82	0.00	3.33	0.00	89
	LOADERS, FRONT END, CRAWLER TYPE									
	CASE									
5900	455 C 1 CY 63 HP D	61,359	17.97	22.58	4.48	6.87	1.70	8.10	2.25	150
5905	855 C 1-1/2 CY 78 HP D	67,450	20.08	25.26	4.93	7.55	2.11	8.91	2.78	216
5910	1155 D 1-3/4 CY 110 HP D	90,782	27.22	34.24	6.63	10.16	2.98	11.99	3.92	282
5915	1455 B 2-1/4 CY 140 HP D	106,431	32.32	40.69	7.76	11.90	3.79	14.06	4.99	360
	CATERPILLAR									
5925	931B 1 CY 65 HP D	43,210	13.43	16.91	3.15	4.83	1.76	5.70	2.32	160
5930	931 LGP 1 CY 65 HP D	47,776	14.60	18.37	3.49	5.35	1.76	6.31	2.32	177
5935	943 1-1/2 CY 80 HP D	80,646	23.52	29.54	5.89	9.03	2.16	10.65	2.85	257
5940	943 LGP 1-1/2 CY 80 HP D	82,818	24.07	30.23	6.05	9.27	2.16	10.94	2.85	259
5945	953 2 CY 110 HP D	102,142	30.11	37.85	7.46	11.43	2.98	13.49	3.92	300
5950	953 LGP 2 CY 110 HP D	105,342	30.93	38.86	7.69	11.79	2.98	13.91	3.92	308
5955	963 2-1/2 CY 150 HP D	134,563	39.85	50.11	9.82	15.05	4.06	17.77	5.35	399
5960	963 LGP 2-1/2 CY 150 HP D	137,978	40.73	51.19	10.07	15.44	4.06	18.22	5.35	407
5965	973 3-3/4 CY 210 HP D	200,080	58.77	73.86	14.60	22.38	5.68	26.43	7.48	540
5970	973 LGP 3-3/4 CY 210 HP D	205,310	60.10	75.52	14.98	22.97	5.68	27.12	7.48	558

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

UNIT NO.	EQUIPMENT			VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	LOADERS, F.E., CRAWLER TYPE (CONT'D)											
	FIAT-ALLIS											
5980	FL5	1 CY	63 HP D	46,649	14.23	17.91	3.41	5.22	1.70	6.16	2.25	165
5985	FL7	1-1/4 CY	78 HP D	56,536	17.31	21.80	4.13	6.33	2.11	7.47	2.78	198
5990	FL9	1-5/8 CY	87 HP D	65,793	19.99	25.17	4.80	7.36	2.35	8.69	3.10	252
5995	FL10C	2 CY	122 HP D	88,249	27.02	34.03	6.45	9.88	3.30	11.66	4.35	300
6000	FL14C	2-5/8 CY	150 HP D	118,182	35.68	44.91	8.62	13.22	4.06	15.61	5.35	410
6005	FL20	3-1/2 CY	223 HP D	170,888	51.82	65.24	12.47	19.12	6.03	22.57	7.95	585
	INTERNATIONAL											
6015	100-E	1-1/8 CY	65 HP D	51,646	15.58	19.60	3.77	5.78	1.76	6.82	2.32	161
6020	125-E	1-3/8 CY	78 HP D	65,875	19.68	24.76	4.81	7.37	2.11	8.70	2.78	199
6025	175-C	2 CY	130 HP D	102,990	31.08	39.09	7.52	11.53	3.52	13.60	4.63	338
6030	250-C	2-3/4 CY	190 HP D	152,055	45.81	57.62	11.10	17.02	5.14	20.08	6.77	452
	JOHN DEERE											
6040	JD350-C	3/4 CY	42 HP D	37,961	11.23	14.12	2.77	4.24	1.14	5.01	1.50	119
6045	JD455-E	1-1/4 CY	70 HP D	49,608	15.24	19.20	3.62	5.55	1.89	6.56	2.49	172
6050	JD555-B	1-3/8 CY	78 HP D	61,598	18.59	23.40	4.50	6.89	2.11	8.13	2.78	188
6055	JD655-B	2 CY	120 HP D	90,821	27.60	34.76	6.63	10.16	3.25	12.00	4.28	324
6060	JD755-B	2-1/4 CY	140 HP D	105,998	32.21	40.55	7.74	11.86	3.79	14.00	4.99	355
6065	JD855	2-3/4 CY	200 HP D	158,693	47.86	60.24	11.58	17.75	5.41	20.96	7.13	460
	KOMATSU											
6075	D31S-17	1.3 CY	66 HP D	46,271	14.25	17.93	3.38	5.18	1.79	6.11	2.35	156
6080	D41S-3	1.6 CY	90 HP D	66,069	20.19	25.42	4.82	7.39	2.44	8.73	3.21	262
6085	D53S-16	1.8 CY	110 HP D	85,157	25.79	32.46	6.22	9.53	2.98	11.25	3.92	300
6090	D57S-1	2.1 CY	135 HP D	108,316	32.61	41.04	7.91	12.12	3.65	14.31	4.81	340
6095	D66S-1	2.6 CY	160 HP D	130,239	39.14	49.23	9.51	14.58	4.33	17.20	5.70	418
6100	D75S-3	3.3 CY	200 HP D	157,751	47.63	59.94	11.51	17.65	5.41	20.84	7.13	485

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	LOADERS, F.E., CRAWLER TYPE (CONT'D)									
	KOMATSU (CONT'D)									
6105	D155S-1 5.9 CY 350 HP D	308,563	91.63	115.19	22.52	34.53	9.47	40.75	12.47	950
	LOADERS, FRONT END, WHEEL TYPE (ARTIC = ARTICULATED)									
	BOBCAT/MELROE									
6120	MOD 440 6 CWT. SKID STEER 16 HP G	8,826	2.95	3.82	0.62	0.93	0.94	1.10	1.22	21
6125	MOD 443 6 CWT. SKID STEER 15 HP D	10,582	2.58	3.31	0.75	1.12	0.38	1.32	0.49	24
6130	MOD 540 8 CWT. SKID STEER 23 HP G	11,966	4.06	5.23	0.85	1.27	1.35	1.50	1.76	31
6135	MOD 543 8 CWT. SKID STEER 22 HP D	13,453	3.33	4.27	0.95	1.43	0.55	1.68	0.73	33
6140	MOD 641 10 CWT. SKID STEER 28 HP D	15,869	4.01	5.13	1.13	1.70	0.70	1.99	0.92	39
6145	MOD 642 10 CWT. SKID STEER 32 HP G	14,626	5.26	6.76	1.04	1.56	1.88	1.83	2.45	38
6150	MOD 742 13 CWT. SKID STEER 34 HP G	16,841	5.83	7.47	1.20	1.80	2.00	2.11	2.60	45
6155	MOD 743 13 CWT. SKID STEER 36 HP D	18,059	4.70	6.02	1.28	1.93	0.90	2.27	1.19	46
6160	MOD 843 17 CWT. SKID STEER 54 HP D	23,241	6.47	8.41	1.63	2.44	1.35	2.86	1.78	63
6165	MOD 943 24 CWT. SKID STEER 69 HP D	28,855	8.07	10.48	2.02	3.03	1.73	3.56	2.28	88
6170	MOD 974 37 CWT. SKID STEER 78 HP D	42,711	11.44	15.18	2.94	4.37	1.96	5.12	2.57	121
6175	MOD 975 37 CWT. SKID STEER 82 HP D	43,203	11.67	15.49	2.97	4.42	2.06	5.18	2.71	122
	CASE									
6185	W-4 1/2 CY ARTIC 37 HP D	25,789	6.26	8.02	1.83	2.74	0.93	3.21	1.22	48
6190	W-11 B 1 CY ARTIC 66 HP D	45,629	11.27	14.62	3.19	4.78	1.66	5.61	2.18	118
6195	W-14 1-1/2 CY ARTIC 83 HP D	62,238	15.11	19.65	4.35	6.52	2.08	7.66	2.74	146
6200	W-20 C 2 CY ARTIC 110 HP D	85,263	20.98	27.64	5.90	8.80	2.76	10.31	3.63	230
6205	W-30 3 CY ARTIC 153 HP D	107,924	26.72	34.90	7.52	11.25	3.84	13.19	5.05	290
6210	W-36 4 CY ARTIC 185 HP D	138,551	34.19	44.91	9.60	14.34	4.64	16.81	6.10	398

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	LOADERS, F.E., WHEEL TYPE (CONT'D) ********** (ARTIC = ARTICULATED)									
	CATERPILLAR									
6220	910 1-1/4 CY ARTIC 65 HP D	48,602	11.88	15.50	3.39	5.07	1.63	5.95	2.14	145
6225	IT12 (INTEGRATED TOOL CARRIER) 65 HP D	57,743	13.58	17.62	4.05	6.06	1.63	7.11	2.14	172
6230	916 1-1/2 CY ARTIC 85 HP D	72,353	17.07	22.07	5.08	7.62	2.13	8.94	2.80	183
6235	IT18 (INTEGRATED TOOL CARRIER) 85 HP D	77,257	17.98	23.20	5.43	8.15	2.13	9.56	2.80	204
6240	926 2 CY ARTIC 105 HP D	82,346	19.64	25.32	5.80	8.70	2.63	10.21	3.46	198
6245	IT28 (INTEGRATED TOOL CARRIER) 105 HP D	87,590	20.61	26.53	6.17	9.26	2.63	10.87	3.46	231
6250	936 2-1/2 CY ARTIC 125 HP D	103,112	24.35	31.36	7.26	10.90	3.13	12.79	4.12	261
6255	950-B 3 CY ARTIC 155 HP D	133,574	31.56	40.93	9.36	14.02	3.89	16.45	5.11	328
6260	966-D 4 CY ARTIC 200 HP D	183,051	43.10	56.11	12.78	19.13	5.02	22.42	6.60	441
6265	980-C 5-1/4 CY ARTIC 270 HP D	246,674	54.42	70.75	15.99	24.02	6.77	27.36	8.91	601
6270	988-B 7 CY ARTIC 375 HP D	358,530	76.97	99.75	22.98	34.39	9.40	39.14	12.37	898
6275	992-C 13-1/2 CY ARTIC 690 HP D	726,601	156.12	205.06	46.02	68.61	17.31	78.03	22.77	1931
	CLARK/MICHIGAN									
6285	35C 1-1/2 CY 85 HP D	62,265	15.14	19.60	4.37	6.55	2.13	7.68	2.80	180
6290	45C 2 CY 110 HP D	72,981	18.08	23.38	5.13	7.69	2.76	9.02	3.63	206
6295	55C 2-1/2 CY ARTIC 121 HP D	85,020	20.83	26.99	5.96	8.94	3.03	10.49	3.99	262
6300	75C 3 CY ARTIC 154 HP D	124,443	30.01	39.17	8.68	12.98	3.86	15.21	5.08	313
6305	125C 4 CY ARTIC 203 HP D	167,810	40.65	53.39	11.64	17.38	5.09	20.36	6.70	437
6310	175C 5 CY ARTIC 279 HP D	228,395	51.66	67.48	14.76	22.15	7.00	25.23	9.2[illegible]	[illegible]
6315	275C 7 CY ARTIC 360 HP D	334,395	71.36	91.59	21.61	32.43	9.03	36.93	11.88	86[illegible]
6320	475C 12 CY ARTIC 612 HP D	627,335	134.03	174.60	40.02	59.82	15.35	68.07	20.20	1689
	FIAT-ALLIS									
6330	FR-07 1-1/3 CY ARTIC 70 HP D	47,814	11.89	15.48	3.34	5.00	1.76	5.86	2.31	145
6335	345-B 1-1/2 CY ARTIC 80 HP D	55,538	13.67	17.73	3.89	5.83	2.01	6.84	2.64	151
6340	FR-10 2-1/4 CY ARTIC 110 HP D	70,542	17.54	22.59	4.97	7.46	2.76	8.74	3.63	212

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	LOADERS, P.E., WHEEL TYPE (CONT'D)									
	(ARTIC = ARTICULATED)									
	FIAT-ALLIS (CONT'D)									
6345	FR-12 2-1/2 CY ARTIC 127 HP D	77,537	19.67	25.53	5.43	8.13	3.19	9.53	4.19	230
6350	FR-15 3 CY ARTIC 164 HP D	109,561	27.67	36.36	7.60	11.34	4.11	13.29	5.41	296
6355	FR-20 4-1/2 CY ARTIC 223 HP D	169,690	41.71	54.77	11.77	17.58	5.59	20.60	7.36	445
6360	FR-30 5-1/4 CY ARTIC 275 HP D	223,599	50.74	66.34	14.44	21.67	6.90	24.67	9.07	605
6365	FR-35 7 CY ARTIC 350 HP D	273,646	60.88	79.01	17.52	26.22	8.78	29.85	11.55	755
	FORD									
6375	340B 16 CF 48 HP D	22,286	6.15	8.08	1.54	2.30	1.20	2.69	1.58	66
6380	445A 3/4 CY 48 HP D	25,946	6.82	8.93	1.80	2.69	1.20	3.16	1.58	73
6385	545A 3/4 CY 60 HP D	29,290	7.87	10.26	2.05	3.06	1.50	3.58	1.98	75
6390	555B 1 CY 63 HP D	64,578	14.67	18.86	4.55	6.83	1.58	8.01	2.08	173
	INTERNATIONAL/DRESSER									
6400	510B 1-3/8 CY 80 HP D	55,404	13.68	17.78	3.87	5.80	2.01	6.81	2.64	140
6405	515B 1-5/8 CY 100 HP D	68,172	16.82	21.81	4.78	7.16	2.51	8.41	3.30	167
6410	520B 2-1/4 CY ARTIC 120 HP D	79,295	19.74	25.61	5.55	8.32	3.01	9.76	3.96	232
6415	530 2-3/4 CY ARTIC 155 HP D	115,372	28.18	36.72	8.06	12.06	3.89	14.14	5.11	291
6420	540 3-3/4 CY ARTIC 189 HP D	160,608	38.70	50.85	11.14	16.64	4.74	19.50	6.24	360
6425	550 5-1/4 CY ARTIC 209 HP D	227,572	53.78	71.64	15.60	23.21	5.24	27.17	6.90	544
6430	560B 7-1/2 CY ARTIC 415 HP D	334,002	73.08	93.86	21.58	32.39	10.41	36.88	13.69	830
6435	570 12 CY ARTIC 590 HP D	624,024	130.85	168.27	40.23	60.35	14.80	68.72	19.47	1350
	JOHN DEERE									
6445	300B 3/4 CY 43 HP D	23,663	6.14	7.98	1.65	2.47	1.08	2.90	1.42	69
6450	444C 1-1/2 CY 85 HP D	63,534	15.37	19.89	4.46	6.68	2.13	7.84	2.80	179
6455	544C 2 CY ARTIC 105 HP D	77,054	18.55	23.88	5.43	8.15	2.63	9.58	3.46	197
6460	644C 3 CY ARTIC 145 HP D	110,823	26.86	34.92	7.75	11.60	3.64	13.61	4.78	260
6465	844 4-1/2 CY ARTIC 260 HP D	206,185	47.34	62.22	13.27	19.89	6.52	22.64	8.58	490

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

UNIT NO.	EQUIPMENT					VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	LOADERS, F.E., WHEEL TYPE (CONT'D) ********** (ARTIC = ARTICULATED)													
	KAWASAKI													
6475	KSS-65Z	2.2	CY	104	HP	D	66,977	16.89	22.02	4.67	6.99	2.61	8.20	3.43	225
6480	KSS-70	3.0	CY	158	HP	D	94,178	24.34	31.95	6.54	9.77	3.96	11.44	5.21	305
6485	KSS-80ZII	3.5	CY	165	HP	D	100,871	25.91	33.96	7.01	10.47	4.14	12.27	5.44	327
6490	KSS-85ZII	4.0	CY	217	HP	D	137,336	35.19	46.33	9.50	14.18	5.44	16.61	7.16	409
6495	KSS-95ZII	5.5	CY	305	HP	D	189,752	45.64	59.94	12.22	18.32	7.65	20.85	10.06	615
6500	KSS-110Z	7.5	CY	383	HP	D	297,708	67.09	87.94	18.90	28.19	9.61	32.05	12.64	864
	MASSEY FERGUSON													
6510	MF 30E	3/4	CY	48	HP	D	27,608	7.01	9.01	1.95	2.92	1.20	3.43	1.58	69
6515	MF 50E	3/4	CY	65	HP	D	30,055	8.12	10.48	2.12	3.17	1.63	3.71	2.14	80
6520	MF 50HX	1	CY	72	HP	D	33,350	9.20	12.07	2.31	3.44	1.81	4.03	2.38	96
	TEREX (GM)													
6530	33C	2	CY	103	HP	D	66,635	16.77	21.89	4.65	6.95	2.58	8.15	3.40	216
6535	44D	2-1/2	CY	123	HP	D	77,838	19.57	25.42	5.45	8.16	3.08	9.58	4.06	250
6540	55C	3-1/4	CY	144	HP	D	108,046	26.49	34.64	7.52	11.24	3.61	13.18	4.75	280
6545	60C	3-1/2	CY	168	HP	D	116,075	28.83	37.61	8.09	12.11	4.21	14.20	5.54	309
6550	66C	4	CY	210	HP	D	150,784	37.40	49.04	10.47	15.65	5.27	18.35	6.93	425
6555	70C	4-1/2	CY	247	HP	D	169,235	38.37	49.05	11.09	16.73	6.19	19.07	8.15	433
6560	80C	5-1/2	CY	307	HP	D	228,352	52.57	68.68	14.76	22.15	7.70	25.23	10.13	590
6565	90C	7-1/2	CY	460	HP	D	340,343	76.71	99.77	21.75	32.53	11.54	37.03	15.18	989
	TROJAN													
6575	1500Z	1-3/4	CY ARTIC	93	HP	D	60,794	15.34	20.09	4.23	6.32	2.33	7.42	3.07	180
6580	1900Z	2-1/2	CY ARTIC	119	HP	G	76,948	24.26	31.47	5.39	8.07	6.99	9.46	9.11	220
6585	2000Z	3	CY ARTIC	160	HP	D	102,747	26.01	34.03	7.15	10.69	4.01	12.53	5.28	306
6590	3500Z	3-3/4	CY ARTIC	185	HP	D	119,224	30.98	41.31	8.16	12.13	4.64	14.19	6.10	380
6595	5500	5-1/2	CY ARTIC	285	HP	D	225,336	51.62	67.76	14.51	21.76	7.15	24.78	9.40	616

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				OPT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNERSHIP	FUEL	OWNERSHIP	FUEL	
	LOADERS, F.E., WHEEL TYPE (CONT'D)									
	(ARTIC = ARTICULATED)									
	TROJAN (CONT'D)									
6600	7500 7 CY ARTIC 400 HP D	296,536	66.33	85.73	19.06	28.56	10.03	32.51	13.20	846
	LOADER/BACKHOE, WHEEL TYPE TRACTOR									
	CASE									
6615	480D LDR/BHOE 7/8 CY FE BUCKET 24" B/H DIPPER 47 HP D	37,548	9.14	11.54	2.64	3.95	1.18	4.63	1.55	100
6620	580E LDR/BHOE 1.0 CY FE BUCKET 24" B/H DIPPER 63 HP D	46,555	11.45	14.45	3.28	4.93	1.58	5.79	2.08	118
6625	680H LDR/BHOE 1-1/4 CY FE BUCKET 30" B/H DIPPER 80 HP D	74,682	17.67	22.25	5.27	7.91	2.01	9.28	2.64	165
6630	780B LDR/BHOE 1-3/4 CY FE BUCKET 30" B/H DIPPER 111 HP D	86,134	21.03	26.52	6.05	9.08	2.78	10.65	3.66	210
	CATERPILLAR									
6640	416 LDR/BH 1.0 CY FE BUCKET 24" B/H DIPPER 62 HP D	44,281	11.15	14.13	3.05	4.55	1.55	5.33	2.05	132
6645	426 LDR/BH 1-1/4 CY FE BUCKET 30" B/H DIPPER 70 HP D	50,044	12.57	15.90	3.47	5.18	1.76	6.07	2.31	142
	JOHN DEERE									
6655	310B LDR/BH 3/4 CY FE BUCKET 24" B/H DIPPER 58 HP D	41,163	10.26	12.93	2.90	4.34	1.45	5.08	1.91	135
6660	410B LDR/BH 1 CY FE BUCKET 24" B/H DIPPER 62 HP D	48,994	11.94	15.08	3.45	5.17	1.55	6.06	2.05	138
6665	510B LDR/BHOE 1-1/8 CY FE BUCKET 24" B/H DIPPER 70 HP D	56,861	13.83	17.44	4.00	5.99	1.76	7.01	2.31	150
6670	610B LDR/BH 1-1/3 CY FE BUCKET 24" B/H DIPPER 80 HP D	65,133	15.79	19.91	4.59	6.88	2.01	8.07	2.64	163
6675	710B LDR/BHOE 1-1/2 CY FE BUCKET 30" B/H DIPPER 100 HP D	78,227	19.20	24.26	5.48	8.20	2.51	9.62	3.30	220

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	LOADER/BH, WHL. TYPE TRACTOR (CONT'D)									
	FORD									
6685	340B LDR/BH 16 CF FE BUCKET 48 HP D 24" B/H DIPPER	33,490	8.39	10.62	2.35	3.51	1.20	4.12	1.58	103
6690	445A LDR/BH 3/4 CY FE BUCKET 48 HP D 24" B/H DIPPER	37,182	9.12	11.52	2.61	3.91	1.20	4.58	1.58	114
6695	545A LDR/BH 3/4 CY FE BUCKET 60 HP D 24" B/H DIPPER	39,585	9.98	12.63	2.78	4.17	1.50	4.89	1.98	119
6700	555B LDR/BH 1 CY FE BUCKET 63 HP D 24" B/H DIPPER	44,318	11.13	14.09	3.10	4.64	1.58	5.44	2.08	135
6705	655A LDR/BH 1 CY FE BUCKET 72 HP D 24" B/H DIPPER	49,407	12.42	15.72	3.46	5.18	1.81	6.08	2.38	149
6710	755A LDR/BH 1 1/2 CY FE BUCKET 100 HP D 24" B/H DIPPER	70,379	17.48	22.08	4.96	7.45	2.51	8.74	3.30	167
	MASSEY FERGUSON									
6720	MF 30E LDR/BH 3/4 CY FE BUCKET 48 HP D 24" B/H DIPPER	38,057	9.21	11.59	2.70	4.05	1.20	4.75	1.58	107
6725	MF 50E LDR/BH 1 CY FE BUCKET 65 HP D 24" B/H DIPPER	43,271	10.83	13.68	3.06	4.59	1.63	5.39	2.14	120
6730	MF 50HX LDR/BH 1 CY FE BUCKET 72 HP D 24" B/H DIPPER	45,741	11.71	14.82	3.20	4.79	1.81	5.61	2.38	129
	LOADER/BACKHOE, CRLR TYPE TRACTOR									
	CASE									
6745	455C LDR/BHOE 1 CY FE BUCKET 63 HP D 24" B/H DIPPER	72,181	20.73	26.02	5.27	8.08	1.70	9.53	2.25	191
6750	855C LDR/BHOE 1 1/2 CY FE BUCKET 78 HP D 24" B/H DIPPER	80,107	23.31	29.28	5.85	8.97	2.11	10.58	2.78	245
	CATERPILLAR									
6760	931BLDR/BHOE 1 CY FE BUCKET 65 HP D 30" B/H DIPPER	56,086	16.71	21.01	4.10	6.28	1.76	7.41	2.32	207

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNERSHIP	FUEL	OWNERSHIP	FUEL	
	LOADER/BACKHOE ATTACHMENTS ********** HYDRAULICALLY OPERATED IMPACTOR MOUNTED ON BACKHOE OR HYDRAULIC EXCAVATOR (ADD TO THE BASIC LOADER-BACKHOE OR EXCAVATOR)									
6770	KENT RAM 555 W/NARROW CHISEL	5,398	2.17		0.50	0.78	0.00			6
6775	KENT RAM 999 W/NARROW CHISEL	11,188	4.48		1.02	1.61	0.00			10
6780	KENT RAM 2600 W/CHISEL-MIN 3/4CY B/H	22,555	8.90		2.06	3.25	0.00			22
6785	KENT KHP-12 HYDRA-PAK TAMPER	5,420	1.90		0.50	0.78	0.00			9
6790	KENT KHP225 HYDRA-PAK MIN 3/4CY B/H	8,494	2.97		0.78	1.23	0.00			15
	PILE EXTRACTORS ********** VULCAN									
6805	400A 500 FT-LBS 450CPM A	19,047	6.09		1.75	2.75	0.00			30
6810	800A 1000 FT-LBS 900CPM A	24,851	8.11		2.28	3.59	0.00			57
6815	1200A 1640 FT-LBS 1350CPM A	29,231	9.74		2.68	4.22	0.00			97
	PILE HAMMERS, DIESEL ********** (FUEL NOT INCLUDED) MKT CORPORATION									
6830	DE-30B/20B (6-FT) 12,000 FT-LBS	44,779	14.02		4.11	6.47	0.00			64
6835	DE-30B/20B (6-FT) 16,800 FT-LBS	46,269	14.47		4.24	6.68	0.00			72
6840	DE-70B/50B (6-FT) 30,000 FT-LBS	72,009	22.53		6.60	10.40	0.00			127
6845	DE-70B/50B (6-FT) 42,000 FT-LBS	75,341	23.66		6.91	10.89	0.00			148
	PILE HAMMERS, SINGLE ACTING ********** VULCAN									
6860	1 15000 FT-LBS 750CPM A	35,833	11.41		3.29	5.18	0.00			101
6865	06 19500 FT-LBS 900CPM A	42,406	13.47		3.88	6.12	0.00			121
6870	08 26000 FT-LBS 1100CPM A	48,257	15.37		4.42	6.97	0.00			175
6875	010 32500 FT-LBS 1350CPM A	51,869	16.61		4.75	7.49	0.00			195

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	PILE HAMMERS, SINGLE ACTING (CONT'D)									
	VULCAN (CONT'D)									
6880	012 39000 FT-LBS 1500CFM A	61,468	19.45		5.63	8.88	0.00			287
6885	014 42000 FT-LBS 1750CFM A	74,110	23.62		6.79	10.71	0.00			283
6890	016 48750 FT-LBS 1750CFM A	84,248	26.73		7.73	12.18	0.00			320
6895	020 60000 FT-LBS 2150CFM A	110,674	35.02		10.14	15.99	0.00			425
6900	030 90000 FT-LBS 2350CFM A	125,989	39.82		11.54	18.20	0.00			575
	PILE HAMMERS, DOUBLE ACTING									
	I.C.E									
6915	180 8100 FT-LBS 23 HP D	28,591	9.50		2.62	4.13	0.58			54
6920	440 18100 FT-LBS 50 HP D	60,167	20.05		5.51	8.69	1.25			130
6925	520 30000 FT-LBS 76 HP D	69,718	23.84		6.39	10.07	1.91			156
6930	640 40000 FT-LBS 90 HP D	73,363	25.42		6.72	10.60	2.26			186
[illegible]	660 50000 FT-LBS 133 HP D	99,174	34.75		9.09	14.33	3.34			309
6940	1070 70000 FT-LBS 136 HP D	118,032	40.60		10.81	17.05	3.41			252
	MITSUBISHI									
6950	MH-15 16300 FT-LBS 45 HP D	65,089	21.72		5.96	9.40	1.13			95
6955	MH-25 27500 FT-LBS 79 HP D	79,315	27.36		7.27	11.46	1.98			147
6960	MH-35 38600 FT-LBS 116 HP D	98,893	34.68		9.06	14.29	2.91			205
6965	MH-45 50200 FT-LBS 129 HP D	126,523	43.68		11.59	18.28	3.24			271
6970	MH-72 LAND 79500 FT-LBS 216 HP D	236,832	80.92		21.70	34.22	5.42			456
6975	MH-80 OFFSHORE 88000 FT-LBS 268 HP D	272,716	93.91		24.99	39.40	6.72			456
	MKT CORPORATION									
6985	9-B-3 8750 FT-LBS 900CFM A	35,163	11.27		3.22	5.08	0.00			72
6990	10-B-3 13100 FT-LBS 1200CFM A	37,393	12.10		3.43	5.40	0.00			111
6995	11-B-3 19150 FT-LBS 1200CFM A	49,920	15.93		4.57	7.21	0.00			141
7000	5 (SELF STOP) 1000 FT-LBS 375CFM A	12,759	4.15		1.17	1.84	0.00			17

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNERSHIP	FUEL	OWNERSHIP	FUEL	
	PILE HAMMERS, DOUBLE ACTING (CONT'D)									
	MRT CORPORATION (CONT'D)									
7005	6 (SELF STOP) 2500 FT-LBS 600CPM A	16,125	5.26		1.47	2.32	0.00			31
7010	7 (SELF STOP) 4150 FT-LBS 750CPM A	20,114	6.61		1.85	2.91	0.00			50
	VULCAN									
7020	50C 15100 FT-LBS 1250CPM A	48,456	15.50		4.44	7.00	0.00			153
7025	65C 19200 FT-LBS 1450CPM A	55,525	17.78		5.09	8.02	0.00			153
7030	80C 24450 FT-LBS 1750CPM A	59,587	19.18		5.46	8.61	0.00			184
7035	100C 32900 FT-LBS 2050CPM A	72,996	23.45		6.69	10.55	0.00			232
7040	140C 36000 FT-LBS 2150CPM A	90,216	28.77		8.27	13.04	0.00			287
7045	200C 50200 FT-LBS 2550CPM A	131,007	41.47		12.01	18.93	0.00			398
	PILE HAMMERS, VIBRATORY									
	MRT CORPORATION									
7060	V5B WITH POWER PACK 95 HP D	67,261	23.72		6.17	9.72	2.38			110
7065	V16B WITH POWER PACK 156 HP D	119,473	41.70		10.95	17.26	3.91			215
7070	V20 WITH POWER PACK 310 HP D	175,947	64.08		16.12	25.42	7.77			257
7075	V30 WITH POWER PACK 510 HP D	203,104	79.00		18.61	29.34	12.79			350
7080	V36 WITH POWER PACK 580 HP D	257,944	98.10		23.64	37.27	14.55			450
	PIPELAYER									
	CATERPILLAR									
7095	561D 15 FT BOOM, 40,000 LB CAP 105 HP D	122,871	22.49	27.75	7.98	11.68	1.46	13.21	1.87	357
7100	571G 18 FT BOOM, 60,000 LB CAP 200 HP D	198,951	36.99	45.69	12.93	18.92	2.77	21.40	3.56	502
7105	572G 18 FT BOOM, 90,000 LB CAP 200 HP D	227,159	41.69	51.46	14.76	21.60	2.77	24.43	3.56	605
7110	583K 20 FT BOOM, 140,000 LB CAP 300 HP D	285,188	53.28	65.84	18.52	27.11	4.16	30.68	5.35	905
7115	594H 24 FT BOOM, 200,000 LB CAP 410 HP D	398,238	74.22	91.70	25.87	37.86	5.68	42.83	7.31	1229

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	PUMPS, GROUT ********** CHEMGROUT									
7130	CG-500 VERSATILE AIR OPERATED GROUT PLANT-100 PSI, 230 CFM	12,968	3.52		1.12	1.80	0.00			11
7135	CG-550 AIR OPERATED MINI GROUT PLANT-100 PSI, 150 CFM	4,788	1.34		0.41	0.66	0.00			5
7140	CG-600 AIR OPERATED COLLOIDAL MIXER AND PUMP-100 PSI, 450 CFM	19,135	5.29		1.65	2.66	0.00			18
7145	CG-620 COLLOIDAL ADD-ON TO CG-500	8,263	2.20		0.72	1.15	0.00			11
	PUMPS, WATER (FOR CORE DRILLS) ********** ACKER									
7160	MOD APS 11-5 6 GPM UP TO 100 PS 2 HP G	782	0.37		0.06	0.09	0.16			2
	PUMPS, WATER,CENTRIFUGAL,DEWATERING ********** HOMELITE - SKID MOUNTED									
7175	MOD 110S 1-1/2"-5000 GPH @ 30' H 2 HP G	486	0.31		0.04	0.06	0.16			1
7180	MOD 111S 2" - 9000 GPH @ 22' H 3 HP G	627	0.44		0.05	0.07	0.24			1
7185	MOD 120S 3" - 18000 GPH @ 20' H 8 HP G	1,161	1.09		0.09	0.13	0.65			2
	MARLOW - WHEEL MOUNTED									
7195	MOD 4D2 465 GPM @ 20 ' HEAD 43 HP G	9,268	6.39		0.66	1.00	3.48			14
7200	MOD 4C7 595 GPM @ 20 ' HEAD 30 HP D	9,371	3.28		0.68	1.02	1.05			10
7205	MOD 6E4A 1100 GPM @ 20 ' HEAD 79 HP G	13,052	10.99		0.94	1.42	6.40			15
7210	MOD 6E4A 1100 GPM @ 20 ' HEAD 60 HP D	14,671	5.75		1.05	1.59	2.10			24
7215	MOD 8FA3 2320 GPM @ 20 ' HEAD 70 HP D	22,719	7.81		1.63	2.47	2.45			23
7220	MOD 10FA61 2775 GPM @ 20 ' HEAD 68 HP D	24,176	7.99		1.74	2.63	2.38			30

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	PUMPS, WATER, CENTRIFUGAL, TRASH									
	HOMELITE - SKID MOUNTED									
7235	MOD 121TP 2" - 11500 GPH @ 20' H 5 HP G	1,007	0.73		0.08	0.11	0.40			1
7240	MOD 120 3" - 23000 GPH @ 20' H 8 HP G	1,375	1.13		0.10	0.15	0.65			2
7245	MOD 160TP 4" - 36500 GPH @ 20' H 16 HP G	2,820	2.26		0.21	0.31	1.30			4
	PUMPS, WATER, DIAPHRAGM									
	HOMELITE - SKID MOUNTED									
7260	MOD 111DP 2" - 1900 GPH @ 10' HD 3 HP G	1,261	0.56		0.09	0.13	0.24			1
7265	MOD 111DP 3" - 4800 GPH @ 10' HD 3 HP G	1,404	0.59		0.10	0.15	0.24			2
	PUMPS, WATER, SUBMERSIBLE									
	GORMAN-RUPP									
7280	MOD S2A1 2" - 138 GPM @ 20' HD 2 HP E	1,707	0.51		0.13	0.19	0.17			2
7285	MOD S3A1 3" - 278GPM @ 20' HD 5 HP E	2,439	0.99		0.18	0.27	0.43			3
7290	MOD S4A1 4" - 860 GPM @ 40' HD 25 HP E	8,654	4.41		0.62	0.94	2.14			12
7295	MOD S6A1 6" - 1950 GPM @ 40' HD 60 HP E	11,285	9.15		0.81	1.22	5.13			14
	MARLOW									
7305	MOD 2S11 2" - 84 GPM @ 20' HD 1 HP E	1,315	0.34		0.10	0.15	0.09			1
7310	MOD 3S22 3" - 190 GPM @ 20' HD 2 HP E	1,873	0.54		0.14	0.21	0.17			1
7315	MOD 4S83 4" - 550 GPM @ 25' HD 8 HP E	2,558	1.38		0.19	0.28	0.68			1

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	RIPPER & HYDRAULIC BANK SLOPER									
	**********									
	(DOES NOT INCLUDE COST OF POINT WEAR)									
	ATECO									
7330	V-RAR-1 SINGLE SHANK EXTREME SVC	39,238	9.81	13.37	3.27	5.18	0.00	6.50	0.00	141
7335	V-RAR-1 SHANKS EA W/GUARD	3,071	0.76	1.04	0.26	0.41	0.00	0.51	0.00	15
7340	LPAF-D8K PARALLEL LIFT	24,862	6.22	8.48	2.07	3.28	0.00	4.12	0.00	101
7345	D-8K SHANKS EA	1,953	0.48	0.65	0.17	0.26	0.00	0.32	0.00	11
7350	LPAF-D7G PARALLEL LIFT	18,586	4.66	6.34	1.56	2.46	0.00	3.08	0.00	57
7355	D-7G SHANKS EA	855	0.21	0.29	0.07	0.11	0.00	0.14	0.00	5
7360	V-LPRF-TD25E PARALLEL LIFT STD SVC	21,358	5.36	7.30	1.78	2.82	0.00	3.54	0.00	97
7365	TD-25C SHANKS EA	1,929	0.48	0.65	0.17	0.26	0.00	0.32	0.00	8
7370	V-LPRF-TD20E PARALLEL LIFT STD SVC	15,450	3.88	5.29	1.29	2.04	0.00	2.56	0.00	51
7375	TD-20E SHANKS EA	1,234	0.30	0.41	0.10	0.16	0.00	0.20	0.00	4
7380	PS-TD15C RADIAL LIFT	9,040	2.30	3.13	0.75	1.19	0.00	1.50	0.00	22
7385	TD-15C SHANKS EA	490	0.13	0.16	0.05	0.07	0.00	0.08	0.00	1
7390	V-LPRF 82-50 PARALLEL LIFT STD SVC	23,833	5.95	8.11	1.99	3.15	0.00	3.95	0.00	105
7395	82-50 SHANKS EA	1,929	0.48	0.65	0.17	0.26	0.00	0.32	0.00	8
7400	V-LPRF-82-30B PARALLEL LIFT	21,184	5.30	7.22	1.77	2.80	0.00	3.51	0.00	89
7405	82-30 SHANKS EA	2,610	0.64	0.88	0.22	0.34	0.00	0.43	0.00	8
7410	HBS-HYDR BANK SLOPER 260-475 HP	9,334	1.98	2.51	0.69	1.05	0.00	1.23	0.00	28
	CATERPILLAR									
7420	D-11N MULTI-SHANK BEAM	51,848	13.01	17.73	4.32	6.84	0.00	8.60	0.00	170
7425	D-11N SHANKS EA	3,806	0.93	1.28	0.32	0.50	0.00	0.63	0.00	15
7430	D-11N SINGLE-SHANK BEAM	56,180	14.06	19.16	4.69	7.42	0.00	9.31	0.00	183
7435	D-10 MULTI-SHANK BEAM	52,263	13.09	17.83	4.36	6.90	0.00	8.66	0.00	218
7440	D-10 SHANKS EA	3,809	0.93	1.28	0.32	0.50	0.00	0.63	0.00	15
7445	D-10 SINGLE-SHANK BEAM	55,631	13.90	18.96	4.64	7.34	0.00	9.22	0.00	209
7450	D-9 MULTI-SHANK BEAM W/HYD-CONTROL	44,296	11.07	15.08	3.70	5.85	0.00	7.34	0.00	162
7455	D-9 SHANKS EA	3,425	0.84	1.15	0.29	0.45	0.00	0.56	0.00	14

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNERSHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNERSHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	RIPPER & HYDR BANK SLOPER (CONT'D) ********** (DOES NOT INCLUDE COST OF POINT WEAR)									
	CATERPILLAR (CONT'D)									
7460	D-9 SINGLE-SHANK BEAM HYD-CNTL&SHAN	41,232	10.31	14.05	3.44	5.44	0.00	6.83	0.00	156
7465	D-8 MULTI-SHANK BEAM HYD-CONTROL	29,879	7.46	10.17	2.50	3.95	0.00	4.95	0.00	98
7470	D-8 SHANKS EA	1,925	0.48	0.65	0.17	0.26	0.00	0.32	0.00	7
7475	D-8 SINGLE-SHANK BEAM HYD-CNTL&SHAN	29,053	7.26	9.89	2.43	3.84	0.00	4.82	0.00	101
7480	D-7 MULTI-SHANK BEAM HYD-CONTROL	17,181	4.31	5.87	1.44	2.27	0.00	2.85	0.00	67
7485	D-7 SHANKS EA	995	0.24	0.34	0.08	0.13	0.00	0.17	0.00	3
7490	D-6 MULTI-SHANK BEAM HYD-CONTROL	10,442	2.65	3.60	0.87	1.38	0.00	1.73	0.00	34
7495	D-6 SHANKS EA	582	0.15	0.20	0.05	0.08	0.00	0.10	0.00	2
7500	D-5 SINGLE-SHANK BEAM HYD-CONTROL	8,067	2.06	2.80	0.67	1.06	0.00	1.34	0.00	17
7505	D-5 SHANKS EA	582	0.15	0.20	0.05	0.08	0.00	0.10	0.00	2
7510	D-4 SINGLE-SHANK BEAM HYD-CONTROL	4,915	1.29	1.74	0.41	0.65	0.00	0.82	0.00	12
7515	D-4 SHANKS EA	294	0.07	0.10	0.03	0.04	0.00	0.05	0.00	1
7520	D-3 THREE- SHANK BEAM HYD-CONTROL	2,755	0.76	1.01	0.24	0.37	0.00	0.46	0.00	7
7525	D-3 SHANKS EA	145	0.04	0.05	0.02	0.02	0.00	0.03	0.00	1
	FIAT-ALLIS									
7535	FD-50 W/HYD-CNTL AND 1 SHANK	56,106	14.09	19.19	4.68	7.41	0.00	9.30	0.00	280
7540	FD-40 W/HYD-CNTL AND 2 SHANKS	44,217	11.09	15.10	3.69	5.84	0.00	7.33	0.00	200
7545	FD-30 W/HYD-CNTL AND 2 SHANKS	33,405	8.32	11.35	2.79	4.41	0.00	5.53	0.00	108
7550	RP20B W/HYD-CNTL AND 3 SHANKS	20,786	5.20	7.10	1.73	2.74	0.00	3.45	0.00	88
	ROLLER, RUBBER TIRED, SELF-PROPELLED **********									
	FERGUSON									
7565	MOD SP-912 12 TON 85 HP D	42,103	11.11		3.05	4.67	2.13			99
7570	MOD SP-915 15 TON 85 HP D	46,496	11.99		3.37	5.17	2.13			135
7575	MOD SP-1118 18 TON 85 HP D	53,987	13.50		3.92	6.00	2.13			124
7580	MOD SP-1130 30 TON 125 HP D	86,449	21.41		6.20	9.48	3.13			242

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

UNIT NO.	EQUIPMENT				VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	ROLLER, R/T,SELF-PROPELLED (CONT'D)												
	INGRAM												
7590	9-2800-P	12 TON	76 HP	D	36,828	9.80		2.67	4.09	1.91			73
7595	9-2800-PA	12 TON	76 HP	D	39,602	10.34		2.87	4.39	1.91			86
7600	9-3400-P	15 TON	78 HP	D	40,521	10.59		2.94	4.50	1.96			97
7605	11-2700	15 TON	107 HP	G	39,056	15.68		2.82	4.32	6.29			89
7610	11-2700	15 TON	76 HP	D	43,496	11.14		3.15	4.82	1.91			91
7615	13-2300	15 TON	107 HP	G	40,833	16.05		2.94	4.50	6.29			86
7620	13-2300	15 TON	76 HP	D	45,287	11.51		3.27	5.00	1.91			90
7625	9-6000	27 TON	117 HP	D	99,092	23.77		7.09	10.82	2.93			205
	TAMPO												
7635	SP-312	12 TON	68 HP	D	40,170	10.21		2.91	4.46	1.71			66
7640	SP-518	15 TON	68 HP	D	49,786	12.13		3.60	5.52	1.71			95
7645	SP-950	27 TON	130 HP	D	102,695	24.86		7.36	11.25	3.26			198
7650	SP-1070 M	35 TON	130 HP	D	123,587	29.59		8.66	13.13	3.26			258
	ROLLER, RUBBER TIRED, TOWED												
	FERGUSON												
7665	RT-100S	50 TON			68,099	13.53		4.33	6.35	0.00			200
7670	RT-120S	60 TON			80,315	16.60		5.52	8.32	0.00			218
	SOUTHWEST												
7680	C 50	50 TON			83,696	16.84		5.51	8.18	0.00			344
7685	C 75	75 TON			90,730	18.21		5.80	8.52	0.00			408
7690	C 100XL	100 TON			124,138	25.09		8.24	12.28	0.00			601
	TAMPO												
7700	R-13	14 TON			10,192	2.12		0.69	1.04	0.00			35

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	ROLLER, SHEEPSFOOT,DOUBLE DRUM,TOWED									
	PERGUSON									
7715	MOD 112 40"X48" 3-7 TON	14,402	3.03		1.06	1.63	0.00			65
7720	MOD 112W 40"X48" 4.5-8 TON	18,308	3.81		1.35	2.07	0.00			91
7725	MOD 112W-48 48"X48" 5-10 TON	18,863	3.92		1.39	2.13	0.00			105
7730	MOD 120 60"X60" 8-18 TON	28,245	5.79		2.08	3.19	0.00			157
7735	MOD 120 MOD 60"X60" 8-18 TON	43,215	8.77		3.17	4.87	0.00			230
7740	MOD 120-RE 60"X60" 16-20 TON	65,475	13.21		4.80	7.38	0.00			327
7745	MOD 22 60"X72" 16-20 TON	42,717	8.68		3.13	4.81	0.00			215
7750	MOD 22 MOD 60"X72" 16-20 TON	49,674	10.06		3.64	5.60	0.00			269
7755	MOD 144-RE 60"X72" 19-24 TON	77,070	15.53		5.65	8.69	0.00			385
	TAMPO									
7765	H-1 TF 40"X48" 2.6TON	6,367	1.43		0.47	0.72	0.00			32
7770	H-2 TF 40"X48" 5 TON	12,876	2.74		0.95	1.46	0.00			63
	ROLLER, SHEEPSFOOT,DD,SELF-PROPELLED									
	CATERPILLAR									
7785	815B 56" Dia. X 38.5" L 210 HP D	162,049	38.86		11.88	18.27	5.27			420
7790	816B LANDFILL 63" X 40" W/BLADE 210 HP D	162,852	39.03		11.94	18.37	5.27			451
7795	825C 51" X 44" 310 HP D	244,560	58.44		17.93	27.58	7.77			654
7800	825C W/S BLADE 310 HP D	258,799	61.28		18.97	29.18	7.77			706
7805	826C LANDFILL 60" X 48" W/BLADE 310 HP D	255,917	60.70		18.75	28.85	7.77			680
	HYSTER									
7815	C455-B TANDEM 80"X80" ARTIC 330 HP D	272,464	64.63		19.97	30.72	8.28			573

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	ROLLER, SMOOTH WHEEL, SELF-PROPELLED									
	FERGUSON									
7830	3-5 TON TANDEM 52 HP D	28,312	7.26		2.08	3.19	1.30			77
7835	4-6 TON TANDEM 52 HP D	33,778	8.35		2.48	3.81	1.30			96
7840	5-8 TON TANDEM 85 HP D	51,605	12.93		3.78	5.81	2.13			136
7845	8-10 TON TANDEM 85 HP D	53,925	13.40		3.95	6.08	2.13			174
7850	8-12 TON TANDEM 85 HP D	56,336	13.88		4.13	6.35	2.13			176
7855	10-14 TON TANDEM 85 HP D	58,696	14.34		4.30	6.61	2.13			219
	INGRAM									
7865	12 TON EB 3 WHEEL 3" OVERLAP 107 HP G	56,407	19.05		4.14	6.36	6.29			194
7870	12 TON EB 3 WHEEL 3" OVERLAP 85 HP D	60,533	14.72		4.44	6.83	2.13			196
7875	14 TON EB 3 WHEEL 3" OVERLAP 107 HP G	59,825	19.73		4.38	6.74	6.29			221
7880	14 TON EB 3 WHEEL 3" OVERLAP 85 HP D	63,951	15.40		4.69	7.21	2.13			223
7885	4-6 TON FB 2 WHEEL TANDEM 54 HP G	27,703	9.46		2.04	3.13	3.17			82
7890	6-9 TON GB 2 WHEEL TANDEM 107 HP G	37,575	15.30		2.76	4.24	6.29			133
7895	6-9 TON GB 2 WHEEL TANDEM 85 HP D	41,702	10.96		3.06	4.70	2.13			135
7900	8-12 TON HB 2 WHEEL TANDEM 107 HP G	45,573	16.89		3.34	5.14	6.29			171
7905	8-12 TON HB 2 WHEEL TANDEM 85 HP D	49,700	12.55		3.64	5.60	2.13			173
7910	10-14 TON HB 2 WHEEL TANDEM 107 HP G	49,155	17.61		3.60	5.54	6.29			203
7915	10-14 TON HB 2 WHEEL TANDEM 85 HP D	53,281	13.27		3.91	6.01	2.13			205

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	ROLLER, VIBRATORY, SINGLE DRUM, TOWED ********** TF=ROLLER W/TAMPING FEET VIBRATION FREQUENCY IN HERTZ DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC									
7930	CK-11 40HZ 30"X55" 5 TON 18 HP G	13,914	5.67		1.17	1.85	1.46			31
7935	CF-11 40HZ TF 30"X55" 5 TON 18 HP G	17,038	6.51		1.43	2.27	1.46			32
7940	CH-47 27HZ 47"X74" 13 TON 43 HP D	35,998	11.65		3.02	4.79	1.50			130
7945	CF-47 27HZ TF 47"X74" 13 TON 43 HP D	39,455	12.58		3.31	5.25	1.50			135
7950	CK-51 25HZ 59"X83" 24 TON 95 HP D	55,108	19.19		4.62	7.34	3.32			221
7955	CF-51 25HZ TF 59"X83" 24 TON 95 HP D	58,121	20.01		4.88	7.75	3.32			226
	FERGUSON									
7965	65 25HZ TF 60"X72" 11 TON 49 HP D	38,777	12.69		3.26	5.17	1.71			110
7970	65T 30HZ TF 44"X72" 11 TON 49 HP D	42,158	13.60		3.54	5.62	1.71			127
7975	230 25HZ 66"X78" 20 TON 77 HP D	67,822	21.77		5.69	9.03	2.69			237
7980	230T 25HZ TF 66"X78" 21 TON 77 HP D	73,843	23.40		6.20	9.84	2.69			268
	HYSTER									
7990	C200B 30HZ 48"X60" 9 TON 36 HP G	25,550	10.71		2.14	3.40	2.92			72
7995	C210A 30HZ TF 58"X60" 9 TON 36 HP G	31,313	12.27		2.63	4.17	2.92			92
	RAYGO									
8005	SF-54A TF 38HZ 30"X54" 7.5TON 30 HP D	20,073	6.78		1.68	2.67	1.05			48
8010	SM-54A 38HZ 30"X54" 7.5TON 30 HP D	18,207	6.29		1.53	2.43	1.05			48
	SOUTHWEST									
8020	756 25HZ TF 66"X78" 23.5TON 75 HP D	93,200	28.52		7.82	12.42	2.62			240
8025	566 33HZ TF 56"X72" 25.5TON 50 HP D	62,962	19.23		5.28	8.38	1.75			165

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	ROLLER,VIB,SINGLE DRUM,SELF-PROPELLED									
	**********									
	TF=ROLLER W/TAMPING FEET									
	VIBRATION FREQUENCY IN HERTZ									
	DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC									
8040	CA-15 29HZ 48"X66" 11 TON 73 HP D	63,349	20.45		5.28	8.36	2.55			132
8045	CA-15A 42HZ 48"X66" 12 TON 85 HP D	73,131	23.73		6.00	9.46	2.97			144
8050	CA-15PD 29HZ TF 53"X66" 13 TON 85 HP D	83,642	26.46		6.98	11.07	2.97			157
8055	CA-25A 40HZ 60"X84" 18 TON 125 HP D	93,711	31.08		7.74	12.24	4.37			200
8060	CA-25 28HZ 60"X84" 18 TON 125 HP D	87,362	29.36		7.23	11.43	4.37			200
8065	CA-25S 28HZ 61"X84" 22 TON 125 HP D	93,987	31.14		7.78	12.31	4.37			225
8070	CA-25PD 28HZ 68"X84" 22 TON 125 HP D	108,445	35.03		9.00	14.24	4.37			248
8075	CA-30 28HZ 61"X84" 22 TON 125 HP D	96,839	31.91		8.02	12.69	4.37			242
8080	CA-30D 28HZ 61"X84" 22 TON 125 HP D	104,867	34.07		8.69	13.76	4.37			252
	FERGUSON									
8090	SP 266A 42HZ 48"X66" 15 TON 125 HP D	91,106	30.26		7.65	12.14	4.37			225
8095	SP 75 30HZ 60"X84" 22.5 TON 85 HP D	75,139	24.23		6.20	9.80	2.97			191
8100	SP 75D 30HZ 60"X84" 22.5 TON 120 HP D	79,759	27.09		6.59	10.42	4.20			193
8105	SP 75DT 30HZ TF 60"X84" 22.5 TON 120 HP D	90,643	30.01		7.50	11.86	4.20			236
	INGERSOLL RAND									
8115	SPF-56 30HZ TF 56"X84" 21 TON 115 HP D	96,598	31.39		8.00	12.66	4.02			222
8120	SP-60DD 25HZ 60"X100" 30 TON 203 HP D	143,345	48.13		11.81	18.66	7.10			377
	RAYGO									
8130	RASCAL 220A 30HZ TF38"X48" 6 TON 70 HP D	58,822	19.06		4.91	7.79	2.45			97
8135	RASCAL 303A 38HZ 48"X66" 8 TON 70 HP D	58,682	19.05		4.88	7.73	2.45			137
8140	RASCAL 320A 25HZ TF48"X60" 8 TON 80 HP D	78,251	24.76		6.53	10.36	2.80			151
8145	RASCAL 320S 25HZ 48"X60" 8 TON 80 HP D	67,671	21.94		5.64	8.93	2.80			144
8150	RUSTLER 304A 28HZ 48"X66" 8 TON 70 HP D	66,320	21.21		5.42	8.55	2.45			130
8155	RUSTLER 404B 28HZ 59"X84"13.5TON 88 HP D	88,563	27.97		7.34	11.61	3.08			175

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	ROLLER, VIBRATORY,SD,S/P (CONT'D)									
	**********									
	TF=ROLLER W/TAMPING FEET									
	VIBRATION FREQUENCY IN HERTZ									
	DYNAMIC FORCE SHOWN IN TONS									
	RAYGO (CONT'D)									
8160	RASCAL 420C 25HZ TF60"X84" 16 TON 119 HP D	102,418	33.13		8.50	13.45	4.16			225
8165	RASCAL 4000 25HZ 60"X84" 20 TON 125 HP D	81,897	27.89		6.77	10.70	4.37			224
8170	RASCAL 510A 25HZ 60"X80"22.5TON 119 HP D	120,682	38.06		10.01	15.84	4.16			358
8175	RASCAL 600A 25HZ 60"X100"22.5TON 119 HP D	104,942	33.81		8.68	13.73	4.16			316
8180	RASCAL 450A 28HZ 59"X84"28.5TON 125 HP D	89,617	30.04		7.37	11.63	4.37			263
	TAMPO									
8190	RS-16A 26HZ 48'X24" 7.5TON 68 HP D	68,199	21.62		5.58	8.80	2.38			124
8195	RS-16 26HZ 48"X24" 8 TON 68 HP D	60,159	19.36		5.01	7.94	2.38			115
8200	RS-16D 26HZ 48"X24" 8 TON 80 HP D	70,518	22.70		5.88	9.32	2.80			123
8205	RH-16A 26HZ 48"X24" 9 TON 75 HP D	77,401	24.41		6.35	10.02	2.62			153
8210	RP-16D 26HZ TF 48"X24" 9 TON 80 HP D	76,971	24.44		6.42	10.18	2.80			127
8215	RP-28D 25HZ TF 63"X84" 15 TON 110 HP D	101,164	32.38		8.38	13.26	3.85			212
8220	RS-28C 25HZ 60"X84" 15 TON 107 HP D	84,095	27.65		6.95	10.99	3.74			202
8225	RS-28D 25HZ 60"X84" 15 TON 107 HP D	90,927	29.49		7.52	11.90	3.74			208
8230	RH-28D 28HZ 60"X84"22.5TON 110 HP D	115,857	36.33		9.61	15.22	3.85			259
	ROLLER,VIB,DOUBLE DRUM,SELF-PROPELLED									
	**********									
	TF=ROLLER W/TAMPING FEET									
	VIBRATION FREQUENCY IN HERTZ									
	DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC									
8245	LR-50 60HZ TANDEM 2 TON 16 HP D	11,928	3.95		1.00	1.59	0.56			25
8250	CC-10 50HZ TANDEM 2 TON 34 HP D	31,533	10.05		2.65	4.20	1.19			50
8255	CC-21 50HZ TANDEM 4 TON 71 HP D	74,360	23.26		6.24	9.91	2.48			137
8260	CC-42II 42HZ TANDEM 12 TON 125 HP D	99,848	32.61		8.38	13.30	4.37			200
8265	CC-50A 40HZ TANDEM 18 TON 155 HP D	120,903	39.66		10.15	16.11	5.42			310

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	ROLLER, VIBRATORY,DD,S/P (CONT'D)									
	**********									
	TF=ROLLER W/TAMPING FEET									
	VIBRATION FREQUENCY IN HERTZ									
	DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC (CONT'D)									
8270	CC-50S 28HZ TANDEM 22 TON 181 HP D	146,079	47.62		12.26	19.46	6.33			342
8275	CC-50PD 28HZ TF TANDEM 22 TON 181 HP D	169,424	53.90		14.21	22.57	6.33			419
	RAYGO									
8285	REBEL 1-36 40HZ TANDEM 2 TON 16 HP D	11,429	3.81		0.96	1.52	0.56			23
8290	ROMPER 2-36 40HZ TANDEM 4 TON 35 HP D	26,281	8.67		2.21	3.50	1.22			40
8295	RUSTLER 5604A 50HZ TANDEM 5.5TON 70 HP D	68,302	21.59		5.73	9.10	2.45			132
8300	RUSTLER 7204A 38HZ TANDEM 8 TON 115 HP D	90,982	29.76		7.63	12.12	4.02			250
8305	RANGER 2-66 38HZ TANDEM 8 TON 119 HP D	121,355	38.10		10.18	16.16	4.16			215
	TAMPO									
8315	RS-03 60HZ 36"X24" 2 TON 14 HP G	11,776	4.66		0.99	1.57	1.13			23
8320	RS-144A 50HZ 42"X48" 8 TON 52 HP D	60,974	18.80		5.12	8.13	1.82			100
8325	RS-166A 36HZ 48"X66" 16 TON 80 HP D	90,815	28.11		7.62	12.10	2.80			200
8330	RS-188A 36HZ 60"X84" 30 TON 156 HP D	115,338	38.21		9.67	15.36	5.46			320
8335	RH-199 25HZ 60"X96" 45 TON 262 HP D	205,304	67.27		17.22	27.35	9.16			491
	ROOFING EQUIPMENT									
	**********									
	AEROIL									
8350	EZ LOAD 240 GAL. KETTLE	5,958	2.41		0.62	1.02	0.00			17
8355	EZ LOAD 400 GAL. KETTLE	7,462	2.90		0.77	1.28	0.00			23
8360	EZ LOAD 600 GAL. KETTLE	9,801	3.88		1.00	1.66	0.00			38
8365	JOB TANK 2000 GAL. TRLR MTD.	27,196	10.08		2.67	4.38	0.00			81
8370	MOD 52 HYDRAULIC CONVEYOR 52'H 23 HP G	19,208	7.74		2.00	3.33	1.25			39
8375	MOD 62 HYDRAULIC CONVEYOR 62'H 23 HP G	21,414	8.45		2.23	3.71	1.25			55
8380	MOD 68 HYDRAULIC CONVEYOR 68'H 23 HP G	24,305	9.38		2.53	4.21	1.25			58

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	ROOFING EQUIPMENT (CONT'D)									
	AEROIL (CONT'D)									
8385	MOD S RHINO ROOF PEELER 16" WIDE 10 HP G	3,454	1.78		0.36	0.60	0.54			4
8390	MARK I ROOF CUTTER SINGLE BLADE 7 HP G	1,108	0.82		0.12	0.19	0.38			2
8395	MARKII ROOF CUTTER DOUBLE BLADE 10 HP G	1,735	1.23		0.18	0.30	0.54			3
	GARLOCK									
8405	MOD 115 KETTLE 115 GAL.	1,795	1.06		0.18	0.29	0.00			9
8410	MOD 175 KETTLE 175 GAL. W/PUMP	3,503	1.61		0.36	0.59	0.00			12
8415	MOD 380 KETTLE 380 GAL. W/PUMP	5,285	2.44		0.54	0.90	0.00			24
8420	MOD 580 KETTLE 580 GAL. W/PUMP	6,629	2.87		0.68	1.13	0.00			32
8425	MOD 62 HYDRAULIC CONVEYOR 62'H 25 HP G	20,978	8.47		2.20	3.66	1.36			60
8430	MOD 72 HYDRAULIC CONVEYOR 72'H 25 HP G	26,724	10.32		2.80	4.66	1.36			70
8435	MOD1400 HYDR. SWING HOIST 18 HP G	7,523	3.64		0.79	1.31	0.98			7
8440	MOD 82 POWER SWEEPER 4 HP G	1,497	0.75		0.16	0.26	0.22			2
8445	ROTARY PLANER 8 HP G	1,226	0.92		0.13	0.21	0.43			2
8450	MOD 21 ROOF CUTTER 21" 10 HP G	1,517	1.16		0.16	0.26	0.54			3
8455	MOD 30 ROOF CUTTER 30" 10 HP G	1,557	1.17		0.16	0.27	0.54			3
	SCRAPERS, SELF-PROPELLED (CAPACITY AS RECOMMENDED BY MFGR HP & FUEL LISTED TRACTOR/SCRAPER PP = PUSH PULL ATTACHMENT)									
	CATERPILLAR									
8470	613-C 13 T 11 CY P.S. 175 HP D	141,286	35.87	46.35	9.98	15.16	4.50	17.85	5.89	330
8475	615 19 T 14-16 CY P.S. 250 HP D	210,207	52.31	68.40	14.96	23.02	6.43	27.21	8.41	514
8480	621-E 24 T 14-20 CY P.S. 330 HP D	273,986	65.09	84.90	19.61	30.23	7.62	35.75	10.02	670
8485	623-E 25 T 22 CY P.S. 330 HP D	304,166	73.37	95.24	21.85	33.74	8.49	39.92	11.11	743
8490	627-E 24 T 14-20 CY P.S. 225/225 HP D/D	313,954	80.35	105.75	22.58	34.88	10.99	41.28	14.26	758
8495	627-E PP 24 T 14-20 CY P.S. 225/225 HP D/D	333,081	83.96	110.26	24.01	37.11	10.99	43.92	14.26	790
8500	631-E 37.5T 21-31 CY P.S. 450 HP D	420,577	97.97	127.62	30.13	46.48	10.39	54.98	13.66	946

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	SCRAPERS, SELF-PROPELLED (CONT'D) ********** (CAPACITY AS RECOMMENDED BY MFGR HP & FUEL LISTED TRACTOR/SCRAPER PP = PUSH PULL ATTACHMENT)									
	CATERPILLAR (CONT'D)									
8505	637-E 37.5T 21-31 CY P.S. 450/250 HP D/D	547,223	135.61	177.44	39.59	61.24	17.09	72.49	22.18	1100
8510	637-E PP 37.5T 21-31 CY P.S. 450/250 HP D/D	570,616	140.02	182.95	41.33	63.96	17.09	75.72	22.18	1136
8515	651-E 52 T 32-44 CY P.S. 550 HP D	554,978	128.19	167.15	39.71	61.24	12.70	72.43	16.70	1328
8520	657-E 52 T 32-44 CY P.S. 550/400 HP D/D	671,879	170.66	224.09	48.44	74.86	23.20	88.59	30.10	1522
8525	657-E PP 52 T 32-44 CY P.S. 550/400 HP D/D	712,189	178.28	233.60	51.45	79.56	23.20	94.16	30.10	1597
	FIAT-ALLIS									
8535	161 18.7 T 15 CY P.S. 229 HP D	187,417	46.21	60.07	13.44	20.74	5.89	24.53	7.71	466
8540	260B 25.0 T 15-21 CY P.S. 325 HP D	247,250	59.69	77.94	17.67	27.23	7.51	32.21	9.87	585
8545	261B 26.5 T 23 CY P.S. 325 HP D	278,212	67.70	87.73	20.03	30.94	8.37	36.61	10.94	635
8550	262B 25.0 T 15-21 CY P.S. 325/171 HP D/D	299,120	78.03	102.29	21.59	33.38	12.11	39.50	15.71	679
8555	263-B 26.5 T 23 CY P.S. 325/171 HP D/D	357,317	89.50	116.92	25.88	40.05	12.11	47.40	15.71	742
	INTERNATIONAL									
8565	412B 13 T 11 CY P.S. 125 HP D	134,998	32.59	41.99	9.56	14.54	3.22	17.13	4.21	335
8570	431B 24 T 14-21 CY P.S. 326 HP D	264,722	63.26	82.63	18.91	29.14	7.53	34.47	9.90	609
8575	433B 24 T 14-21 CY P.S. 326/185 HP D/D	310,857	81.63	107.44	22.35	34.52	12.48	40.84	16.19	700
8580	442B 25 T 22 CY P.S. 326 HP D	295,900	71.68	93.11	21.24	32.78	8.39	38.78	10.97	680
	JOHN DEERE									
8590	JD762A 13.7 T 11 CY P.S. 175 HP D	134,835	34.35	44.30	9.56	14.53	4.50	17.10	5.89	355
8595	JD862 20.0 T 16 CY P.S. 250 HP D	183,855	46.25	60.16	13.17	20.32	6.43	24.05	8.41	492
	M-R-S									
8605	I- 92/90ES 17T 14 CY P.S. 240 HP D	205,505	50.90	66.51	14.64	22.54	6.18	26.65	8.08	484
8610	I-100/S100 25T 15-22 CY P.S. 310 HP D	328,144	78.89	104.99	22.99	35.23	7.16	41.60	9.41	872
8615	I-100/100ES 25T 22 CY P.S. 310 HP D	344,264	84.68	112.21	24.20	37.11	7.98	43.82	10.43	930

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	SCRAPERS, SELF-PROPELLED (CONT'D) ********** (CAPACITY AS RECOMMENDED BY MFGR HP & FUEL LISTED TRACTOR/SCRAPER PP = PUSH PULL ATTACHMENT)									
	M-R-S (CONT'D)									
8620	I-105/S105 37T 21-30 CY P.S. 422 HP D	403,464	96.44	127.27	28.50	43.78	9.75	51.73	12.81	924
8625	I-105/105ES 31T 27 CY P.S. 422 HP D	415,506	102.25	134.53	29.40	45.18	10.86	53.39	14.20	990
8630	I-110/S105 37T 21-30 CY P.S. 482 HP D	478,332	115.25	153.01	33.71	51.74	11.13	61.12	14.63	954
8635	I-110/105ES 31T 27 CY P.S. 482 HP D	490,374	121.65	161.01	34.60	53.14	12.41	62.79	16.22	1020
8640	I-110/110ES 40T 32 CY P.S. 482 HP D	513,884	126.21	166.78	36.31	55.78	12.41	65.92	16.22	1092
8645	I-110/S110 42T 25-34 CY P.S. 482 HP D	494,770	118.39	157.01	34.89	53.56	11.13	63.27	14.63	1061
8650	I-115/S105 37T 21-30 CY P.S. 550 HP D	515,169	125.66	167.21	36.27	55.66	12.70	65.76	16.70	994
8655	I-115/S110 42T 25-34 CY P.S. 550 HP D	531,607	128.81	171.20	37.44	57.47	12.70	67.91	16.70	1101
8660	I-115/S120 48T 30-39 CY P.S. 550 HP D	582,229	138.09	182.77	41.22	63.37	12.70	74.90	16.70	1236
8665	I-115/110ES 40T 32 CY P.S. 550 HP D	550,721	137.05	181.49	38.87	59.70	14.16	70.55	18.51	1132
8670	I-120/S110 42T 25-34 CY P.S. 615 HP D	562,225	136.42	180.79	39.74	61.05	14.21	72.13	18.67	1121
8675	I-120/S120 48T 30-39 CY P.S. 615 HP D	612,849	146.66	194.10	43.16	66.23	14.21	78.24	18.67	1256
	TEREX (GM)									
8685	S-24C 40.8T 24-34 CY P.S. 480 HP D	431,085	101.89	133.27	30.72	47.32	11.09	55.96	14.57	1012
8690	TS-14B 23.5T 14-20 CY P.S. 144/144 HP D/D	278,108	67.67	89.07	20.02	30.92	7.03	36.60	9.12	544
8695	TS-24 40 T 24-32 CY P.S. 394/225 HP D/D	457,124	115.78	152.38	32.89	50.80	15.12	60.12	19.61	960
8700	TS-24C 40.8T 24-34 CY P.S. 480/260 HP D/D	561,329	141.14	185.46	40.45	62.50	18.07	73.95	23.44	1119
	SCRAPER, TRACTOR DRAWN **********									
	M-R-S									
8715	PS-80 11T 9 CY HYDR./CONTROL	62,104	12.05	14.38	3.84	5.60	0.00	6.34	0.00	245
8720	PS-90 17T 14 CY HYDR./CONTROL	85,011	16.50	19.75	5.20	7.55	0.00	8.54	0.00	320
8725	PS-100 22T 18 CY HYDR./CONTROL	99,416	19.35	23.13	6.09	8.85	0.00	10.00	0.00	370

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	SCRAPER, TRACTOR DRAWN (CONT'D)									
	ROME									
8735	R67H 18T 12-17CY HYDR/CONTROL	77,928	15.12	17.92	4.90	7.19	0.00	8.13	0.00	235
8740	R89H 27T 18-26CY HYDR/CONTROL	103,455	19.93	23.82	6.38	9.29	0.00	10.50	0.00	365
	SOUTHWEST-HUME									
8750	SOUTHWEST DS18 DRAG SCRAPER 8.8 CY	37,360	7.10	8.49	2.31	3.36	0.00	3.80	0.00	137
	SOIL STABILIZER									
	BOMAG									
8765	MOD MPH-50 12"DEEP BY 82"WIDE 152 HP D	100,713	25.36	33.00	7.28	11.14	3.91	13.14	5.12	208
8770	MOD MPH-100 14.5"DEEP X 79"WIDE 304 HP D	163,592	43.58	57.08	11.75	17.95	7.82	21.17	10.23	300
	BROS									
8780	MOD LSPRM-8A MASTER MIXER 19" DP 335 HP D	157,117	42.10	54.43	11.43	17.52	8.62	20.68	11.28	300
	TRACTOR, CRAWLER (DOZER) (ADD ATTACHMENTS TO TRACTOR)									
	CASE									
8795	450C P.S. POWER ANGLE/TILT DOZER 63 HP D	44,029	12.57	16.16	3.14	4.73	1.70	5.56	2.25	118
8800	850C P.S. HYDR. ANGLE/TILT DOZER 78 HP D	63,368	17.64	22.64	4.52	6.81	2.11	8.01	2.78	171
8805	1150D P.S. HYDR. ANGLE/TILT DOZER 110 HP D	90,977	25.26	32.40	6.50	9.79	2.98	11.49	3.92	239
8810	1450B P.S. POWER ANGLE/TILT DOZER 140 HP D	127,344	34.84	44.68	9.10	13.70	3.79	16.09	4.99	330
	CATERPILLAR									
8820	D-3B TRACTOR P.S. 65 HP D	39,469	11.59	14.90	2.82	4.24	1.76	4.99	2.32	127
8825	D-3B LGP (LOW GROUND PRESSURE) 65 HP D	44,766	12.83	16.47	3.20	4.82	1.76	5.66	2.32	140
8830	3P -POWER ANGLE & POWER TILT	8,117	1.73	2.19	0.60	0.91	0.00	1.07	0.00	24
8835	53 -WINCH (W/O CABLE)	5,872	1.28	1.60	0.43	0.66	0.00	0.77	0.00	9
8840	D-4H TRACTOR P.S. 90 HP D	49,897	14.96	19.20	3.57	5.37	2.44	6.30	3.21	184
8845	D-4H LGP (LOW GROUND PRESSURE) 90 HP D	56,409	16.47	21.15	4.03	6.07	2.44	7.13	3.21	213

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRACTOR, CRAWLER (DOZER) (CONT'D)									
	**********									
	(ADD ATTACHMENTS TO TRACTOR)									
	CATERPILLAR (CONT'D)									
8850	4S -STRAIGHT BLADE HYDRAULIC	8,152	1.73	2.20	0.60	0.91	0.00	1.07	0.00	33
8855	4A -ANGLE BLADE HYDRAULIC	9,204	1.95	2.48	0.67	1.03	0.00	1.22	0.00	34
8860	54 -WINCH (W/O CABLE)	16,711	3.48	4.44	1.22	1.87	0.00	2.21	0.00	18
8865	D-5H TRACTOR P.S. 120 HP D	83,071	23.79	30.53	5.94	8.94	3.25	10.49	4.28	225
8870	D-5H LGP (LOW GROUND PRESSURE) 120 HP D	94,856	26.53	34.04	6.77	10.20	3.25	11.98	4.28	283
8875	5S -STRAIGHT BLADE HYDRAULIC	9,973	2.11	2.68	0.73	1.12	0.00	1.32	0.00	40
8880	5A -ANGLE BLADE HYDRAULIC	11,285	2.37	3.02	0.82	1.26	0.00	1.49	0.00	48
8885	55 -WINCH (W/O CABLE)	15,432	3.22	4.10	1.13	1.73	0.00	2.04	0.00	18
8890	D-6D TRACTOR P.S. 140 HP D	103,673	29.32	37.64	7.41	11.15	3.79	13.10	4.99	288
8895	D-6D SA (SPECIAL APPLICATION) 165 HP D	110,316	31.79	40.82	7.88	11.87	4.46	13.93	5.88	302
8900	D-6H TRACTOR P.S. 165 HP D	114,543	32.77	42.08	8.18	12.32	4.46	14.47	5.88	349
8905	D-6H LGP (LOW GROUND PRESSURE) 165 HP D	127,815	35.87	46.02	9.13	13.75	4.46	16.14	5.88	372
8910	6S -STRAIGHT BLADE HYDRAULIC	13,760	2.88	3.67	1.01	1.54	0.00	1.82	0.00	50
8915	6A -ANGLE BLADE HYDRAULIC	14,107	2.95	3.75	1.03	1.58	0.00	1.86	0.00	57
8920	56 -WINCH (W/O CABLE)	18,873	3.91	5.00	1.38	2.11	0.00	2.50	0.00	25
8925	D-7G TRACTOR P.S. 200 HP D	150,792	42.51	54.57	10.77	16.22	5.41	19.05	7.13	384
8930	D-7G SA (SPECIAL APPLICATION) 250 HP D	164,110	47.46	60.95	11.72	17.65	6.76	20.73	8.91	411
8935	D-7H TRACTOR P.S. 215 HP D	174,379	48.57	62.31	12.46	18.76	5.82	22.03	7.66	415
8940	D-7H LGP (LOW GROUND PRESSURE) 215 HP D	201,906	54.98	70.49	14.42	21.72	5.82	25.50	7.66	470
8945	7S -STRAIGHT BLADE HYDRAULIC	21,458	4.44	5.68	1.57	2.40	0.00	2.84	0.00	76
8950	7U -UNIVERSAL BLADE HYDRAULIC	23,569	4.86	6.22	1.72	2.63	0.00	3.11	0.00	84
8955	7A -ANGLE BLADE HYDRAULIC	22,261	4.60	5.88	1.63	2.49	0.00	2.94	0.00	68
8960	57 -WINCH (W/O CABLE)	23,993	4.98	6.34	1.76	2.69	0.00	3.16	0.00	37
8965	D-8L TRACTOR P.S. 335 HP D	261,779	67.79	87.20	19.10	29.29	9.07	34.57	11.94	735
8970	D-8L SA (SPECIAL APPLICATION) 400 HP D	271,188	72.05	92.76	19.79	30.34	10.82	35.82	14.26	777
8975	8S -STRAIGHT BLADE HYDRAULIC	33,805	6.99	8.93	2.47	3.78	0.00	4.47	0.00	123

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRACTOR, CRAWLER (DOZER) (CONT'D)									
	**********									
	(ADD ATTACHMENTS TO TRACTOR)									
	CATERPILLAR (CONT'D)									
8980	8U -UNIVERSAL BLADE HYDRAULIC	37,261	7.70	9.84	2.72	4.17	0.00	4.93	0.00	136
8985	8A -ANGLE BLADE HYDRAULIC	34,858	7.21	9.21	2.55	3.90	0.00	4.60	0.00	136
8990	-PUSH PLATE USE W/8S	936	0.24	0.29	0.07	0.10	0.00	0.12	0.00	6
8995	58 -WINCH (W/O CABLE)	25,789	5.39	6.87	1.89	2.89	0.00	3.41	0.00	44
9000	D-9L TRACTOR P.S. 460 HP D	349,107	80.88	100.75	23.42	35.55	12.45	40.58	16.39	1004
9005	9S -STRAIGHT BLADE HYDRAULIC	45,620	9.46	12.08	3.33	5.10	0.00	6.03	0.00	191
9010	9U -UNIVERSAL BLADE HYDRAULIC	46,927	9.73	12.42	3.43	5.25	0.00	6.20	0.00	195
9015	9C -CUSHION BLADE	39,124	8.11	10.35	2.86	4.38	0.00	5.17	0.00	160
9020	-REAR CUSHION PUSH BLOCK	11,571	2.47	3.14	0.84	1.29	0.00	1.53	0.00	41
9025	-FRONT PUSH PLATE	1,257	0.33	0.40	0.09	0.14	0.00	0.16	0.00	9
9030	59 -WINCH (W/O CABLE)	27,927	5.87	7.48	2.04	3.12	0.00	3.69	0.00	45
9035	D-10 TRACTOR P.S. 700 HP D	587,016	133.51	166.17	39.38	59.77	18.94	68.22	24.95	1539
9040	10S -STRAIGHT BLADE HYDRAULIC	69,768	14.46	18.46	5.10	7.81	0.00	9.22	0.00	286
9045	10U -UNIVERSAL BLADE HYDRAULIC	76,727	15.88	20.28	5.60	8.58	0.00	10.14	0.00	292
9050	-FRONT PUSH PLATE	1,449	0.37	0.46	0.11	0.16	0.00	0.19	0.00	8
9055	10C -CUSHION BLADE	49,977	10.35	13.22	3.65	5.59	0.00	6.60	0.00	198
9060	D-11N TRACTOR P.S. 770 HP D	630,432	143.99	179.26	42.28	64.18	20.84	73.27	27.44	1622
9065	11S -STRAIGHT BLADE HYDRAULIC	74,273	15.49	19.75	5.42	8.31	0.00	9.81	0.00	351
9070	10U -UNIVERSAL BLADE HYDRAULIC	80,770	16.84	21.46	5.90	9.04	0.00	10.67	0.00	400
	FIAT-ALLIS									
9080	FD5 P.S. W/HYD. ANGLE TILT BLADE 63 HP D	45,818	12.99	16.69	3.28	4.93	1.70	5.79	2.25	140
9085	FD7 P.S. W/POW. ANGLE TILT BLADE 78 HP D	54,833	15.64	20.10	3.91	5.89	2.11	6.93	2.78	175
9090	8-B P.S. 88 HP D	58,867	16.97	21.79	4.21	6.34	2.38	7.44	3.14	215
9095	8-HA ANGLE BLADE HYDRAULIC	9,140	1.93	2.46	0.67	1.02	0.00	1.21	0.00	30
9100	8-HSU SEMI-U BLADE HYDRAULIC	9,127	1.90	2.43	0.67	1.02	0.00	1.21	0.00	30
9105	FD9 P.S. W/SEMI-U TILT BLADE 107 HP D	78,621	22.26	28.56	5.61	8.45	2.90	9.92	3.81	239

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

UNIT NO.	EQUIPMENT				VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
						CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
						AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRACTOR, CRAWLER (DOZER) (CONT'D)												
	**********												
	(ADD ATTACHMENTS TO TRACTOR)												
	FIAT-ALLIS (CONT'D)												
9110	10-C	P.S.	122 HP	D	82,318	23.68	30.41	5.88	8.85	3.30	10.40	4.35	280
9115	10-HA	ANGLE BLADE HYDRAULIC			10,177	2.15	2.73	0.75	1.14	0.00	1.34	0.00	36
9120	10-HSU	SEMI-U BLADE HYDRAULIC			12,447	2.58	3.29	0.91	1.39	0.00	1.64	0.00	38
9125	14-C	P.S.	150 HP	D	110,201	31.22	40.06	7.88	11.86	4.06	13.92	5.35	335
9130	14-HA	ANGLE BLADE HYDRAULIC			15,578	3.24	4.14	1.14	1.74	0.00	2.06	0.00	51
9135	14-HSU	SEMI-U BLADE HYDRAULIC			15,553	3.21	4.10	1.14	1.74	0.00	2.05	0.00	51
9140	FD 20	P.S.	223 HP	D	165,312	46.74	59.99	11.81	17.78	6.03	20.88	7.95	535
9145	20-HA	ANGLE BLADE HYDRAULIC			16,596	3.46	4.40	1.22	1.86	0.00	2.19	0.00	66
9150	20-HS	STRAIGHT BLADE HYDRAULIC			17,425	3.62	4.63	1.27	1.95	0.00	2.31	0.00	66
9155	20-HSU	SEMI-U BLADE HYDRAULIC			23,643	4.86	6.21	1.73	2.65	0.00	3.12	0.00	79
9160	FD 30	P.S.	300 HP	D	248,630	63.75	82.00	18.15	27.82	8.12	32.84	10.69	775
9165	30HSU	SEMI-U BLADE HYDRAULIC			32,943	6.81	8.71	2.40	3.68	0.00	4.36	0.00	127
9170	30-HU	FULL-U BLADE HYDRAULIC			33,421	6.89	8.80	2.44	3.74	0.00	4.41	0.00	114
9175	FD40	P.S.	455 HP	D	358,143	82.38	102.61	24.02	36.46	12.31	41.62	16.22	1128
9180	40-HSU	SEMI-U BLADE HYDRAULIC			49,842	10.35	13.20	3.64	5.58	0.00	6.58	0.00	222
9185	40-HU	FULL-U BLADE HYDRAULIC			51,024	10.62	13.53	3.73	5.71	0.00	6.73	0.00	254
9190	40-HC	CUSHION BLADE			31,850	6.59	8.42	2.32	3.56	0.00	4.21	0.00	120
9195	FD 50	P.S.	525 HP	D	481,261	107.82	134.07	32.28	49.00	14.21	55.94	18.71	1280
9200	50-HSU	SEMI-U BLADE HYDRAULIC			57,394	11.92	15.21	4.19	6.42	0.00	7.58	0.00	250
9205	50-HU	FULL-U BLADE HYDRAULIC			65,691	13.60	17.36	4.80	7.35	0.00	8.67	0.00	280
9210	50-HC	CUSHION BLADE			36,663	7.57	9.67	2.68	4.10	0.00	4.84	0.00	140
	INTERNATIONAL/DRESSER												
9220	TD-7-E	P.S. W/HYD BLADE	65 HP	D	49,806	14.00	17.97	3.56	5.36	1.76	6.29	2.32	139
9225	TD-8-E	P.S. W/HYD BLADE	78 HP	D	63,609	17.70	22.71	4.54	6.84	2.11	8.04	2.78	172
9230	TD-12	P.S. W/HYD BLADE	110 HP	D	95,269	26.26	33.67	6.81	10.25	2.98	12.03	3.92	272
9235	TD-15-C	P.S.	140 HP	D	117,407	32.52	41.72	8.39	12.63	3.79	14.83	4.99	271

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRACTOR, CRAWLER (DOZER) (CONT'D)									
	**********									
	(ADD ATTACHMENTS TO TRACTOR)									
	INTERNATIONAL/DRESSER (CONT'D)									
9240	15D-2 SEMI-U BLADE HYDRAULIC	12,709	2.63	3.36	0.93	1.42	0.00	1.68	0.00	46
9245	15G-2 ANGLE BLADE HYDRAULIC	14,330	2.97	3.78	1.05	1.61	0.00	1.89	0.00	50
9250	TD-20-E P.S. 210 HP D	182,574	50.29	64.49	13.04	19.64	5.68	23.06	7.48	476
9255	20D-2 SEMI-U BLADE HYDRAULIC	22,483	4.62	5.91	1.65	2.52	0.00	2.97	0.00	61
9260	20G-2 ANGLE BLADE HYDRAULIC	15,193	3.14	4.01	1.11	1.70	0.00	2.01	0.00	71
9265	TD-25-G P.S. 320 HP D	234,555	61.43	79.04	17.12	26.25	8.66	30.98	11.40	700
9270	25D-2 SEMI-U BLADE HYDRAULIC	27,694	5.73	7.31	2.02	3.10	0.00	3.65	0.00	113
9275	25G-2 ANGLE BLADE HYDRAULIC	22,873	4.77	6.09	1.67	2.56	0.00	3.03	0.00	115
9280	FRONT PUSHER CUSHION	9,608	2.04	2.57	0.71	1.08	0.00	1.26	0.00	29
9285	REAR PUSHER CUSHION	5,583	1.26	1.58	0.41	0.62	0.00	0.73	0.00	23
9290	FRONT PUSH BLK FOR S/BLD	873	0.26	0.30	0.07	0.10	0.00	0.11	0.00	12
	JOHN DEERE									
9300	JD350C/6305 D.D. W/HYD BLADE 42 HP D	35,380	9.80	12.57	2.53	3.81	1.14	4.47	1.50	107
9305	JD450E/6405 D.D. W/HYD BLADE 70 HP D	46,771	13.47	17.31	3.34	5.03	1.89	5.91	2.49	147
9310	JD550B/6405 P.S. W/HYD BLADE 78 HP D	55,294	15.76	20.24	3.95	5.95	2.11	6.99	2.78	156
9315	JD750B H.S. W/HYD BLADE 120 HP D	85,935	24.45	31.39	6.14	9.24	3.25	10.86	4.28	291
9320	JD750B LPG H.S. W/TILT BLADE 120 HP D	89,997	25.40	32.59	6.43	9.68	3.25	11.36	4.28	313
9325	JD850B H.S. W/TILT BLADE 165 HP D	115,258	32.93	42.29	8.23	12.39	4.46	14.56	5.88	363
9330	JD850B LPG H.S. W/TILT BLADE 165 HP D	128,771	36.09	46.32	9.20	13.85	4.46	16.27	5.88	435
	KOMATSU									
9340	D31A-17 H.S. 66 HP D	40,385	11.84	15.21	2.88	4.34	1.79	5.10	2.35	132
9345	ANGLE TILTDOZER BLADE	6,542	1.48	1.86	0.48	0.73	0.00	0.87	0.00	20
9350	D41A-3 H.S. 90 HP D	60,855	17.51	22.47	4.35	6.55	2.44	7.69	3.21	231
9355	STRAIGHT TILTDOZER BLADE	7,103	1.59	2.00	0.52	0.79	0.00	0.94	0.00	24
9360	D53A-17 H.S. 124 HP D	93,781	26.44	33.91	6.70	10.09	3.36	11.84	4.42	246

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

UNIT NO.	EQUIPMENT		VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
				CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
				AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRACTOR, CRAWLER (DOZER) (CONT'D)										
	**********										
	(ADD ATTACHMENTS TO TRACTOR)										
	KOMATSU (CONT'D)										
9365	ANGLE TILTDOZER BLADE		7,795	1.74	2.18	0.58	0.88	0.00	1.03	0.00	42
9370	D65E-7 H.S.	165 HP D	132,135	36.87	47.31	9.44	14.21	4.46	16.69	5.88	377
9375	ANGLE TILTDOZER BLADE		10,180	2.22	2.80	0.75	1.14	0.00	1.34	0.00	61
9380	D85E-18 H.S.	220 HP D	185,295	51.29	65.79	13.23	19.93	5.95	23.40	7.84	437
9385	ANGLE TILTDOZER BLADE		15,933	3.41	4.33	1.16	1.78	0.00	2.10	0.00	99
9390	U-DOZER BLADE		17,001	3.65	4.62	1.24	1.90	0.00	2.24	0.00	104
9395	D155A-1 H.S.	320 HP D	259,856	66.86	85.99	18.97	29.08	8.66	34.32	11.40	690
9400	ANGLE TILTDOZER BLADE		21,870	4.78	6.04	1.59	2.44	0.00	2.89	0.00	140
9405	U-DOZER BLADE		23,097	5.04	6.36	1.69	2.59	0.00	3.05	0.00	142
9410	D355A-3 H.S.	410 HP D	333,212	85.72	110.25	24.32	37.29	11.09	44.01	14.61	945
9415	U-DOZER BLADE		29,730	6.43	8.14	2.17	3.32	0.00	3.92	0.00	196
9420	STRAIGHT DOZER BLADE		27,072	6.08	7.63	1.98	3.03	0.00	3.57	0.00	184
9425	D455A-1 H.S.	620 HP D	540,010	122.02	151.80	36.22	54.98	16.78	62.76	22.10	1445
9430	FULL U-DOZER BLADE		71,457	15.16	19.25	5.21	7.99	0.00	9.43	0.00	229
9435	U-DOZER BLADE		67,157	14.26	18.10	4.91	7.52	0.00	8.87	0.00	211
9440	STRAIGHT DOZER BLADE		62,856	13.36	16.97	4.59	7.03	0.00	8.31	0.00	193
	TEREX (GM)										
9450	D700A P.S. (W/O BLADE)	205 HP D	161,509	45.21	57.99	11.54	17.38	5.55	20.40	7.31	409
9455	SEMI-U BLADE HYDRAULIC		15,770	3.26	4.16	1.16	1.77	0.00	2.08	0.00	58
9460	ANGLE BLADE HYDRAULIC		17,662	3.63	4.65	1.29	1.97	0.00	2.33	0.00	69
9465	FULL-U BLADE HYDRAULIC		18,081	3.73	4.76	1.33	2.03	0.00	2.39	0.00	68
9470	D750 P.S. (W/O BLADE)	260 HP D	188,505	49.47	63.65	13.76	21.09	7.04	24.89	9.27	555
9475	SEMI-U BLADE HYDRAULIC		22,300	4.59	5.86	1.63	2.50	0.00	2.95	0.00	91
9480	ANGLE BLADE HYD. W/DUAL TILT		29,252	6.00	7.68	2.14	3.28	0.00	3.87	0.00	118
9485	FULL-U BLADE HYDRAULIC		24,342	4.99	6.40	1.78	2.72	0.00	3.22	0.00	107
9490	D800 P.S. (W/O BLADE)	350 HP D	252,366	66.28	85.30	18.41	28.23	9.47	33.33	12.47	787

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRACTOR, CRAWLER (DOZER) (CONT'D)									
	(ADD ATTACHMENTS TO TRACTOR)									
	TEREX (GM) (CONT'D)									
9495	SEMI-U BLADE HYDRAULIC	29,135	6.04	7.70	2.13	3.26	0.00	3.84	0.00	118
9500	FULL-U BLADE HYDRAULIC	31,939	6.63	8.45	2.34	3.58	0.00	4.22	0.00	129
9505	CUSHIONED PUSH BLADE	27,912	5.78	7.38	2.04	3.12	0.00	3.69	0.00	113
9510	PUSH PLATE (WELD ON)	1,178	0.29	0.35	0.09	0.13	0.00	0.15	0.00	6
9515	PUSH BLOCK (CUSHION REAR)	7,473	1.62	2.06	0.54	0.83	0.00	0.99	0.00	21
	TRACTOR, WHEEL TYPE (DOZER)									
	CATERPILLAR									
9530	814-B ARTICULATED ST BLADE P.S. 210 HP D	167,441	38.91	51.35	12.20	18.94	5.27	22.46	6.93	465
9535	824-C ARTICULATED ST BLADE P.S. 310 HP D	242,982	58.50	79.46	17.39	26.84	7.77	31.76	10.23	624
9540	834-B ARTICULATED ST BLADE P.S. 450 HP D	359,312	83.75	112.34	25.56	39.38	11.29	46.58	14.85	892
	CLARK									
9550	280B ARTICULATED ST BLADE P.S. 302 HP D	258,943	61.70	84.20	18.48	28.50	7.57	33.72	9.97	749
9555	380B ARTICULATED ST BLADE P.S. 572 HP D	437,638	102.77	137.83	31.12	47.96	14.35	56.72	18.88	1253
	TRACTOR, WHEEL TYPE (FARM)									
	JOHN DEERE									
9570	MOD 401 D 62 HP D	19,544	5.71	7.45	1.43	2.22	1.55	2.62	2.05	47
9575	MOD 2150 50 HP D	16,039	4.71	6.28	1.16	1.79	1.25	2.13	1.65	50
9580	MOD 2350 62 HP D	17,637	5.42	7.18	1.28	1.98	1.55	2.34	2.05	66
9585	MOD 2750 83 HP D	21,620	6.78	8.92	1.58	2.45	2.08	2.89	2.74	73

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

UNIT NO.	EQUIPMENT			VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
					CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
					AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRENCHER, CHAIN											
	**********											
	DITCH WITCH											
9600	MOD C99	6"X24" TRENCH	9 HP G	3,482	1.42	1.82	0.25	0.38	0.53	0.44	0.69	6
9605	MOD 2200	8"X36" TRENCH	18 HP G	14,163	4.33	5.56	1.04	1.59	1.06	1.87	1.38	30
9610	MOD 2300	10"X36" TRENCH	28 HP G	19,707	6.22	8.02	1.43	2.20	1.64	2.60	2.14	33
9615	MOD 6510	12"X54" TRENCH	64 HP D	35,924	9.61	12.37	2.60	3.98	1.61	4.70	2.11	106
9620	MOD R100	10"X72" TRENCH	105 HP D	73,576	18.81	24.17	5.34	8.20	2.63	9.67	3.46	176
	VERMEER											
9630	MOD V-430	10"X40" TRENCH	24 HP D	24,162	5.81	7.48	1.76	2.70	0.60	3.20	0.79	37
9635	MOD M-455	18"X72" TRENCH	44 HP D	47,461	11.36	14.59	3.45	5.29	1.10	6.24	1.45	82
9640	MOD M-475	18"X72" TRENCH	55 HP D	52,459	12.76	16.39	3.82	5.86	1.38	6.92	1.81	89
9645	MOD T-600024	"X96" TRENCH	113 HP D	82,916	20.86	26.78	6.09	9.38	2.83	11.09	3.73	202
9650	MOD T-800B36	"X96" TRENCH	175 HP D	163,611	39.66	50.84	12.02	18.52	4.39	21.90	5.77	419
	TRENCHER, WHEEL TYPE											
	**********											
	BARBER-GREENE											
9665	MOD TA 56	16"X5'-10" TRENCH	100 HP D	147,202	33.84	43.32	10.82	16.67	2.51	19.71	3.30	254
9670	MOD TA 65	28"X7'-6" TRENCH	160 HP D	214,232	49.71	63.65	15.74	24.26	4.01	28.67	5.28	431
9675	MOD TA 77	32"X8'-6" TRENCH	160 HP D	282,440	63.89	81.76	20.74	31.97	4.01	37.80	5.28	605
	CLEVELAND											
9685	MOD 236	16"X72" TRENCH	67 HP D	106,145	24.24	31.01	7.80	12.02	1.68	14.20	2.21	180
9690	MOD 236HD	16"X72" TRENCH	67 HP D	114,692	26.01	33.29	8.42	12.98	1.68	15.35	2.21	200
9695	MOD 246	22"X72" TRENCH	67 HP D	118,728	26.85	34.36	8.72	13.44	1.68	15.89	2.21	206
9700	MOD7036	28"X84" TRENCH	102 HP D	149,281	34.34	43.95	10.97	16.90	2.56	19.98	3.37	455
9705	MOD 400WHD	36"X114"TRENCH	175 HP D	278,320	63.53	81.30	20.44	31.51	4.39	37.25	5.77	659

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRUCKS, HIGHWAY ********** (CHASSIS ONLY) FORD									
9720	F150 4X2 1/2T PKUP 6100 GVW 137 HP G	9,102	4.99	6.43	0.87	1.41	1.83	1.64	2.44	38
9725	F150 4X4 1/2T PKUP 6250 GVW 137 HP G	11,319	5.64	7.28	1.09	1.77	1.83	2.06	2.44	42
9730	F250 4X2 3/4T PKUP 6900 GVW 137 HP G	10,030	5.29	6.80	0.97	1.56	1.83	1.80	2.44	40
9735	F250 4X4 3/4T PKUP 7400 GVW 137 HP G	11,818	5.82	7.49	1.14	1.84	1.83	2.13	2.44	44
9740	F350 2AX 10000 GVW 137 HP G	10,733	5.55	7.13	1.02	1.64	1.83	1.89	2.44	42
9745	F600 2AX 21200 GVW 180 HP G	21,769	12.10	15.88	1.71	2.65	5.61	3.31	7.21	80
9750	F600 2AX 21200 GVW 170 HP D	23,615	9.09	12.11	1.87	2.90	3.09	3.61	4.02	80
9755	F700 2AX 23100 GVW 180 HP G	22,662	12.29	16.13	1.79	2.77	5.61	3.45	7.21	75
9760	F700 2AX 23100 GVW 170 HP D	27,425	9.87	13.18	2.18	3.38	3.09	4.21	4.02	75
9765	F800 2AX 32000 GVW 213 HP G	27,797	14.73	19.37	2.20	3.41	6.63	4.25	8.53	84
9770	F800 2AX 32000 GVW 210 HP D	38,194	13.33	17.79	3.00	4.64	3.82	5.78	4.97	85
9775	LT800 3AX 43000 GVW 223 HP G	37,430	22.21	29.19	3.02	4.74	10.32	5.93	13.30	110
9780	LT8000 3AX 52400 GVW 240 HP D	61,495	22.22	29.71	5.01	7.90	6.55	9.90	8.52	136
9785	LTS8000 3AX 54000 GVW 240 HP D	59,965	21.91	29.28	4.87	7.68	6.55	9.63	8.52	139
9790	LNT8000 3AX 54000 GVW 240 HP D	60,708	22.07	29.49	4.94	7.78	6.55	9.75	8.52	134
9795	CT8000 3AX 46000 GVW 175 HP D	59,338	19.51	26.15	4.82	7.59	4.78	9.53	6.21	136
9800	LT9000 3AX 58000 GVW 82000 GCW 350 HP D	84,236	31.21	41.70	6.86	10.81	9.55	13.55	12.42	154
9805	LTS9000 3AX 60000 GVW 82000 GCW 239 HP D	83,036	27.14	36.35	6.74	10.61	6.52	13.29	8.48	180
9810	LNT9000 3AX 50000 GVW 82000 GCW 350 HP D	79,929	30.35	40.49	6.47	10.19	9.55	12.77	12.42	145
9815	CLT9000 3AX 46000 GVW 82000 GCW 400 HP D	96,117	35.38	47.30	7.88	12.45	10.92	15.62	14.20	153
	GMC AND CHEVROLET									
9825	S10 4X2 COMPACT PKUP 3500 GVW 92 HP G	8,929	4.18	5.38	0.86	1.39	1.23	1.61	1.64	26
9830	S10 4X4 COMPACT PKUP 3800 GVW 92 HP G	10,665	4.67	5.99	1.03	1.66	1.23	1.93	1.64	29
9835	C10903 4X2 1/2T PKUP 6100 GVW 165 HP G	9,924	5.71	7.39	0.95	1.54	2.20	1.79	2.94	46
9840	C10906 4X2 SUBURBAN 8600 GVW 165 HP G	13,903	6.85	8.80	1.35	2.19	2.20	2.53	2.94	47
9845	K10906 4X4 SUBURBAN 8600 GVW 165 HP G	15,785	7.40	9.50	1.54	2.49	2.20	2.88	2.94	50

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRUCKS, HIGHWAY (CONT'D)									
	**********									
	(CHASSIS ONLY)									
	GMC AND CHEVROLET (CONT'D)									
9850	C20903 4X2 3/4T PKUP 8600 GVW 165 HP G	11,595	6.18	7.99	1.12	1.81	2.20	2.11	2.94	41
9855	K20903 4X4 3/4T PKUP 8600 GVW 165 HP G	13,425	6.75	8.67	1.30	2.11	2.20	2.44	2.94	49
9860	C30903 2AX 9000 GVW 165 HP G	13,625	6.85	8.80	1.30	2.10	2.20	2.43	2.94	49
9865	C5D042 2AX 15000 GVW 163 HP G	21,497	11.35	14.93	1.69	2.62	5.08	3.27	6.53	54
9870	C6D042 2AX 24000 GVW 163 HP G	25,276	12.14	16.01	2.01	3.11	5.08	3.88	6.53	62
9875	C6D042 2AX 24000 GVW 165 HP D	30,764	10.46	13.99	2.45	3.81	3.00	4.76	3.90	71
9880	C7D042 2AX 24000 GVW 210 HP G	25,290	14.09	18.50	2.00	3.09	6.54	3.85	8.41	66
9885	C7D042 2AX 24000 GVW 165 HP D	29,112	10.25	13.67	2.29	3.54	3.00	4.41	3.90	70
9890	C7D064 3AX 41000 GVW 212 HP G	38,037	21.81	28.69	3.03	4.75	9.81	5.95	12.64	98
9895	C7D064 3AX 41000 GVW 205 HP D	46,832	17.91	23.88	3.77	5.93	5.60	7.43	7.28	105
9900	J8C042 2AX 34000 GVW 178 HP D	47,624	16.95	22.65	3.87	6.10	4.86	7.64	6.32	94
9905	J8C064 3AX 46000 GVW 175 HP D	56,334	18.88	25.28	4.57	7.20	4.78	9.03	6.21	122
9910	J9C042 2AX 35000 GVW 304 HP D	67,643	21.58	28.91	5.41	8.41	5.53	10.50	7.19	112
9915	J9C064 3AX 48860 GVW 304 HP D	77,152	27.82	37.21	6.33	9.99	8.30	12.53	10.79	139
9920	N9E064 3AX 44860 GVW 304 HP D	78,184	28.24	37.71	6.35	10.01	8.30	12.55	10.79	133
9925	N9E064 3AX 62000 GVW 307 HP D	79,072	28.65	38.24	6.40	10.08	8.38	12.64	10.90	180
	INTERNATIONAL									
9935	1654 2AX 16000 GVW 155 HP D	19,885	7.90	10.50	1.59	2.46	2.82	3.06	3.67	57
9940	1724 2AX 16000 GVW 147 HP G	17,729	9.85	12.93	1.41	2.18	4.58	2.71	5.89	65
9945	1754 2AX 16000 GVW 165 HP D	25,559	9.31	12.41	2.05	3.19	3.00	3.97	3.90	71
9950	1954 2AX 21700 GVW 180 HP D	32,234	11.11	14.85	2.57	4.00	3.28	4.99	4.26	100
9955	F2554 3AX 43000 GVW 210 HP D	51,595	19.09	25.49	4.18	6.57	5.73	8.23	7.45	123
9960	F2574 3AX 50000 GVW 230 HP D	68,308	23.35	31.27	5.58	8.80	6.28	11.04	8.16	123
9965	F4370 3AX 48860 GVW 300 HP D	71,691	26.52	35.43	5.87	9.26	8.19	11.61	10.65	133
9970	F5050 3AX 54000 GVW 210 HP D	69,789	22.97	30.79	5.70	9.00	5.73	11.29	7.45	138
9975	F5070 3AX 54000 GVW 230 HP D	72,948	24.34	32.62	5.97	9.42	6.28	11.82	8.16	140

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	TRUCKS, HIGHWAY (CONT'D) ********** (CHASSIS ONLY)									
	KENWORTH									
9985	K100 3AX 48000 GVW 85000 GCW 300 HP D	83,829	29.19	39.07	6.87	10.85	8.19	13.60	10.65	138
9990	W900 3AX 48000 GVW 85000 GCW 300 HP D	80,876	28.55	38.21	6.61	10.44	8.19	13.10	10.65	140
9995	C500 3AX 56000 GVW 85000 GCW 270 HP D	83,171	27.99	37.51	6.81	10.75	7.37	13.49	9.58	144
	PETERBILT									
10055	MOD 348H 3AX 46000 GVW 85000 GCW 300 HP D	74,241	27.41	36.64	6.03	9.49	8.19	11.89	10.65	159
10060	MOD 362 3AX 46000 GVW 85000 GCW 300 HP D	79,792	28.33	37.89	6.53	10.31	8.19	12.92	10.65	142
10065	MOD 359 3AX 46000 GVW 85000 GCW 300 HP D	76,880	27.71	37.05	6.29	9.92	8.19	12.43	10.65	139
10070	MOD 353 3AX 54000 GVW 130000 GCW 350 HP D	97,524	33.86	45.34	8.02	12.68	9.55	15.91	12.42	174
	TRUCK ACCESSORIES ********** (CHASIS NOT INCLUDED)									
	CRANES, HYDRAULIC									
10085	5.3T@5'RAD 24000 GVW MIN	26,884	6.22		2.26	3.59	0.00			79
10090	8.0T@3'RAD 26500 GVW MIN	32,327	7.46		2.72	4.32	0.00			84
10095	12.5T@4'RAD 27000 GVW MIN	50,050	11.49		4.21	6.68	0.00			142
10100	13.5T@4'RAD 44000 GVW MIN	61,917	14.19		5.20	8.26	0.00			158
10105	15.0T@4'RAD 48000 GVW MIN	68,454	15.68		5.75	9.13	0.00			211
	DUMP BODY, REAR, W/HOIST									
10115	5CY 24000 TO 26000 GVW	6,436	1.56	2.09	0.54	0.86	0.00	1.08	0.00	26
10120	AIR GATE 8CY 27000 TO 30000 GVW	10,169	2.41	3.25	0.86	1.36	0.00	1.70	0.00	44
10125	AIR GATE 10CY 36000 AND UP GVW	10,283	2.43	3.30	0.86	1.37	0.00	1.73	0.00	45
10130	AIR GATE 12CY 36000 AND UP GVW	10,429	2.46	3.33	0.88	1.39	0.00	1.74	0.00	46
	FLATBEDS W/CONT. SIDES									
10140	8'X9.5'	2,069	0.46		0.17	0.27	0.00			11
10145	8'X10.5'	2,134	0.48		0.18	0.28	0.00			12

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRUCK ACCESSORIES (CONT'D)									
	(CHASIS NOT INCLUDED)									
	FLATBEDS W/CONT. SIDES (CONT'D)									
10150	8'X12.5'	2,332	0.53		0.20	0.31	0.00			14
10155	8'X14.5'	2,772	0.63		0.24	0.37	0.00			16
10160	8'X16.5'	3,037	0.69		0.25	0.40	0.00			18
10165	FLATBED-HOIST	2,889	0.66		0.25	0.39	0.00			10
	HOISTS, ELECTRIC									
10175	1500LB@1.75'	2,467	0.65		0.21	0.33	0.00			4
10180	2400LB@3'	2,866	0.74		0.24	0.38	0.00			6
10185	5000LB@4'	7,923	1.89		0.66	1.05	0.00			15
10190	6000LB@6'	8,942	2.12		0.75	1.19	0.00			14
	TRANSIT MIXERS									
10200	7 CY 40000 - 50000 GVW RQD	27,924	6.48		2.34	3.72	0.00			63
10205	8 CY 50000 - 70000 GVW RQD	28,353	6.58		2.38	3.78	0.00			66
10210	8.5CY 55000 - 75000 GVW RQD	28,644	6.65		2.41	3.82	0.00			68
10215	9 CY 61000 - 80000 GVW RQD	29,052	6.74		2.44	3.87	0.00			73
	WATER TANKS									
10225	2000 GAL 23500-28000 GVW	12,432	2.83		1.05	1.66	0.00			35
10230	2500 GAL 25000-34950 GVW	13,094	2.97		1.10	1.74	0.00			39
10235	3000 GAL 29000-40000 GVW	13,914	3.17		1.17	1.86	0.00			44
	TRUCK TRAILERS									
	BOTTOM DUMP									
10250	18CY 27T	27,235	5.32	6.74	1.93	2.97	0.00	3.51	0.00	122
10255	20CY 30T	32,313	6.24	7.93	2.31	3.56	0.00	4.22	0.00	140
10260	30CY 30T	32,599	6.29	8.00	2.33	3.59	0.00	4.26	0.00	160
10265	28CY 42T	38,864	7.56	9.58	2.76	4.24	0.00	5.02	0.00	180

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRUCK TRAILERS (CONT'D)									
	BOTTOM DUMP (CONT'D)									
10270	20CY 35T OFF-HIGHWAY	45,927	8.78	11.16	3.31	5.11	0.00	6.05	0.00	175
10275	32CY 55T OFF-HIGHWAY	97,443	19.03	24.11	6.84	10.49	0.00	12.39	0.00	365
10280	43CY 70T OFF-HIGHWAY	108,930	21.33	27.02	7.62	11.67	0.00	13.78	0.00	445
	END DUMP									
10290	20CY 24T	36,158	6.94	8.82	2.60	4.01	0.00	4.75	0.00	146
	LOWBOY, RIGID NECK, DROP DECK									
10300	25 TON 2 AXLE	21,430	3.78		1.41	2.05	0.00			89
10305	30 TON 2 AXLE	23,766	4.17		1.57	2.28	0.00			94
10310	35 TON 2 AXLE	25,918	4.51		1.72	2.50	0.00			109
10315	35 TON 3 AXLE	29,826	5.29		1.96	2.84	0.00			134
10320	40 TON 3 AXLE	31,123	5.52		2.03	2.94	0.00			144
10325	50 TON 3 AXLE	35,832	6.28		2.36	3.43	0.00			161
10330	60 TON 3 AXLE	38,687	6.91		2.50	3.61	0.00			188
10335	70 TON 3 AXLE	47,017	8.23		3.10	4.49	0.00			213
10340	75 TON 3 AXLE	48,457	8.46		3.20	4.64	0.00			228
10345	80 TON 4 AXLE	55,413	9.59		3.69	5.38	0.00			266
10350	90 TON 4 AXLE	59,703	10.40		3.94	5.72	0.00			297
10355	100 TON 4 AXLE	67,039	11.66		4.43	6.44	0.00			313
10360	120 TON 4 AXLE	77,890	13.75		5.07	7.33	0.00			351
10365	HELPER DOLLY 60 T TRAILER MAX	18,426	3.32		1.19	1.71	0.00			62
	PLATFORM TRAILERS									
10375	25 TON 2 AXLE	17,316	3.14		1.11	1.59	0.00			110

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRUCK TRAILERS (CONT'D)									
	PUP TRAILERS									
10385	8 CY LONG TONGUE	21,472	3.82		1.40	2.03	0.00			86
10390	10CY LONG TONGUE	21,639	3.85		1.42	2.05	0.00			86
	TILT TRAILERS									
10400	12 TON 2 AXLE	11,397	2.12		0.73	1.05	0.00			62
10405	16 TON 2 AXLE	13,071	2.44		0.83	1.19	0.00			65
10410	20 TON 2 AXLE	14,225	2.64		0.90	1.29	0.00			67
	WATER TANKER TRAILERS									
10420	4000 GAL 63 HP D	32,740	6.83		2.13	3.16	1.58			120
10425	5000 GAL 63 HP D	34,538	7.19		2.20	3.25	1.58			150
10430	6000 GAL 63 HP D	36,066	7.41		2.30	3.40	1.58			160
	TRUCKS, OFF-HIGHWAY									
	CATERPILLAR									
10445	769C 35T 22-30 CY P.S. 450 HP D	293,354	60.18	77.48	19.14	28.84	7.13	32.89	9.21	711
10450	773B 50T 30-45 CY P.S. 650 HP D	410,427	86.14	111.68	26.60	39.99	10.30	45.56	13.30	908
10455	777B 85T 47-67 CY P.S. 870 HP D	586,255	119.32	154.34	37.56	56.25	13.78	64.02	17.80	1425
10460	768C PRIME MOVER TRACTOR P.S. 450 HP D	259,862	54.94	71.00	16.90	25.43	7.13	28.97	9.21	523
10465	772B PRIME MOVER TRACTOR P.S. 650 HP D	386,493	84.48	110.87	24.73	37.02	10.30	42.14	13.30	716
10470	776B PRIME MOVER TRACTOR P.S. 870 HP D	515,589	109.87	143.85	32.46	48.33	13.78	54.95	17.80	1120
	DJB/CATERPILLAR (ARTICULATED FRAME)									
10480	D-25C 25T 14-18 CY P.S. 260 HP D	205,139	41.28	53.28	13.27	19.93	4.12	22.70	5.32	455
10485	D-35C 35T 18-25 CY P.S. 260 HP D	262,258	50.23	64.31	17.10	25.76	4.12	29.37	5.32	555
10490	D350C 35T 20-26 CY P.S. 260 HP D	257,115	50.45	65.09	16.50	24.72	4.12	28.14	5.32	544
10495	D400 40T 23-29 CY P.S. 385 HP D	305,650	60.71	77.89	19.76	29.68	6.10	33.81	7.88	605
10500	D-44 44T 23-31 CY P.S. 460 HP D	349,631	70.10	90.16	22.69	34.14	7.29	38.91	9.41	684

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	TRUCKS, OFF-HIGHWAY (CONT'D)									
	DJB/CATERPILLAR (CONT'D) (ARTICULATED FRAME)									
10505	D550 55T 32-43 CY P.S. 460 HP D	416,141	82.11	105.71	26.76	40.13	7.29	45.70	9.41	854
	EUCLID									
10515	R25-215FD 25T 14-19 CY P.S. 214 HP D	196,238	37.25	47.55	12.78	19.25	3.39	21.94	4.38	404
10520	R35-302TD 35T 22-30 CY P.S. 450 HP D	311,681	63.05	81.02	20.37	30.72	7.13	35.03	9.21	623
10525	R50-301LD 50T 31-41 CY P.S. 608 HP D	410,214	85.20	110.49	26.58	39.96	9.63	45.54	12.44	836
10530	R75-301ND 75T 46-69 CY P.S. 646 HP D	548,154	107.66	139.06	35.18	52.73	10.23	60.03	13.22	1123
10535	R85-306ND 85T 52-67 CY P.S. 755 HP D	564,294	113.44	146.96	36.08	54.00	11.96	61.46	15.45	1227
	TEREX									
10545	33-03B 22T 15-18 CY P.S. 215 HP D	174,404	34.46	44.24	11.41	17.20	3.41	19.61	4.40	400
10550	33-05B 30T 19-23 CY P.S. 321 HP D	254,095	50.65	65.18	16.58	24.99	5.08	28.48	6.57	525
10555	33-07 40T 25-32 CY P.S. 493 HP D	313,537	67.23	87.98	20.13	30.17	7.81	34.36	10.09	756
10560	33-09 55T 34-44 CY P.S. 624 HP D	422,115	89.51	117.05	27.13	40.67	9.88	46.31	12.77	992
10565	33-11D 85T 51-65 CY P.S. 840 HP D	622,602	124.37	160.55	39.99	59.95	13.31	68.27	17.19	1350
10570	33-14 120T 65-88 CY P.S.1092 HP D	910,636	178.92	230.88	58.52	87.74	17.30	99.90	22.34	1950
	WABCO									
10580	HAULPAK35D 35T 23-29 CY P.S. 420 HP D	309,412	62.06	79.74	20.22	30.49	6.65	34.76	8.59	630
10585	HAULPAK50B 50T 31-40 CY P.S. 576 HP D	441,561	89.44	115.67	28.69	43.17	9.12	49.20	11.78	792
10590	HAULPAK60B 60T 34-48 CY P.S. 642 HP D	473,571	97.97	127.49	30.58	45.93	10.17	52.32	13.14	900
10595	75C 75T 44-57 CY P.S. 679 HP D	537,130	106.09	136.76	34.56	51.84	10.76	59.02	13.89	950
10600	85D 85T 47-67 CY P.S. 818 HP D	600,279	120.42	155.63	38.50	57.68	12.96	65.66	16.74	1240
10605	100 100T 47-77 CY P.S.1050 HP D	729,744	149.66	194.79	46.36	69.24	16.63	78.77	21.48	1606

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE	BY	OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	TRUCKS, WATER									
	**********									
	TRACTOR DRAWN - KLEIN									
10620	KT-50 5000 GAL. CAT 613B P.S. 150 HP D	138,384	27.27	33.46	8.87	13.13	3.76	14.91	4.95	320
10625	KT-60 6000 GAL. CAT 621B P.S. 330 HP D	245,072	51.29	63.29	15.51	22.85	8.28	25.91	10.89	564
10630	KT-80 8000 GAL. CAT 631D P.S. 450 HP D	341,232	71.38	88.10	21.54	31.69	11.29	35.92	14.85	751
10635	KT-100 10000 GAL. CAT 631D P.S. 450 HP D	349,069	72.58	89.53	22.05	32.46	11.29	36.80	14.85	811
10640	KT-100 10000 GAL. CAT 651E P.S. 550 HP D	420,893	87.85	108.41	26.57	39.10	13.79	44.31	18.15	1001
10645	KT-120 12000 GAL. CAT 651E P.S. 550 HP D	426,944	88.78	109.53	26.97	39.70	13.79	45.00	18.15	1097
	TRACTOR DRAWN - SOUTHWEST									
10655	STT-60 6000 GAL. CAT 621B P.S. 330 HP D	245,466	51.36	63.37	15.55	22.90	8.28	25.96	10.89	594
10660	STT-80 8000 GAL. CAT 631D P.S. 450 HP D	336,854	70.70	87.30	21.24	31.25	11.29	35.43	14.85	811
10665	STT-100 10000 GAL. CAT 631D P.S. 450 HP D	341,329	71.40	88.11	21.54	31.70	11.29	35.93	14.85	840
10670	STT-120 12000 GAL. CAT 651E P.S. 550 HP D	436,619	90.25	111.29	27.61	40.65	13.79	46.08	18.15	1135
10675	STT-140 14000 GAL. CAT 651E P.S. 550 HP D	443,042	91.25	112.48	28.04	41.30	13.79	46.81	18.15	1170
	WAGONS, BOTTOM DUMP									
	**********									
	CATERPILLAR-ATHEY									
10690	621B/PW621B 33T 22-25CY P.S. 330 HP D	266,702	57.35	74.51	17.20	25.81	8.28	29.39	10.89	579
10695	768C/PW768C 63T 42-48CY P.S. 450 HP D	393,352	83.63	108.45	25.15	37.64	11.29	42.85	14.85	935
10700	772B/PW772B 100T 60-67CY P.S. 650 HP D	627,291	133.03	173.72	39.91	59.64	16.30	67.87	21.45	1360
	EUCLID									
10710	B30-303TDT301W 30T 21-27CY P.S. 277 HP D	252,506	53.21	69.11	16.24	24.35	6.95	27.72	9.14	483
10715	B70-203LDT147W 70T 47-62CY P.S. 456 HP D	425,370	86.43	111.23	27.34	41.00	11.44	46.68	15.05	934

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNERSHIP	FUEL	OWNERSHIP	FUEL	
	WAGONS, REAR DUMP									
	CATERPILLAR-ATHEY									
10730	621B/PR621B 33T 22-26CY P.S. 330 HP D	276,333	58.86	76.37	17.84	26.79	8.28	30.51	10.89	630
10735	631D/PR631D 40T 27-32CY P.S. 450 HP D	396,536	83.26	107.85	25.67	38.59	11.29	43.97	14.85	833
	WATER BLASTER									
	ACE									
10750	MOD S4 3000GM PORTABLE 3000 PSI 11 HP G	2,941	2.23		0.29	0.46	0.95			3
10755	MOD S5 3500GE PORTABLE 3500 PSI 18 HP G	4,405	3.51		0.44	0.71	1.55			3
10760	MOD S5 3000E SKID MTD 3000 PSI 10 HP E	4,739	2.44		0.47	0.76	0.57			3
10765	MOD S6 3000E SKID MTD 3000 PSI 15 HP E	5,285	3.01		0.52	0.85	0.85			3
	AMERICAN AERO/WEATHERFORD									
10775	WBD 90 10000 PSI @ 10 GPM W/2 NOZ 91 HP D TRAILER MOUNTED	34,970	17.04		3.54	5.83	3.36			42
10780	WBDI50 10000 PSI @ 20 GPM W/2 NOZ 160 HP D TRAILER MOUNTED	52,943	26.86		5.37	8.84	5.91			70
	WATER TANKS									
	SKID MOUNTED									
10795	WST-8 8000 GAL. SOUTHWEST	16,053	2.32		1.06	1.59	0.00			107
10800	WST-10 10000 GAL. SOUTHWEST	18,705	2.70		1.24	1.85	0.00			122
10805	WST-12 12000 GAL. SOUTHWEST	21,762	3.14		1.44	2.15	0.00			142
	PORTABLE (WITH WHEELS)									
10815	EWT-8 8000 GAL. SOUTHWEST 8 HP G	29,206	4.89		1.89	2.81	0.47			130
10820	EWT-10 10000 GAL. SOUTHWEST 8 HP G	33,007	5.44		2.15	3.19	0.47			170
10825	EWT-12 12000 GAL. SOUTHWEST 8 HP G	36,614	5.96		2.39	3.55	0.47			185

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNERSHIP	FUEL	OWNERSHIP	FUEL	
	WELDERS *******									
	ELECTRIC DRIVE - AC 3 PHASE 60 HZ									
10840	300 AMP SKID MTD 20 HP E	2,494	1.93		0.21	0.32	1.14			7
10845	400 AMP SKID MTD 25 HP E	2,980	2.40		0.25	0.39	1.42			9
	GASOLINE ENGINE DRIVE									
10855	200 AMP W/1 AXLE TRLR 39 HP G	5,004	4.55		0.39	0.59	2.81			11
10860	250 AMP W/1 AXLE TRLR 39 HP G	5,261	4.61		0.41	0.63	2.81			17
10865	300 AMP W/1 AXLE TRLR 65 HP G	5,721	7.04		0.45	0.68	4.69			17
10870	400 AMP W/1 AXLE TRLR 69 HP G	7,282	7.73		0.58	0.88	4.97			21
	DIESEL ENGINE DRIVE									
10880	250 AMP W/1 AXLE TRLR 27 HP D	6,811	2.51		0.54	0.82	0.84			21
10885	300 AMP W/1 AXLE TRLR 38 HP D	7,284	3.03		0.58	0.88	1.18			21
10890	350 AMP W/2 AXLE TRLR 38 HP D	8,191	3.24		0.64	0.97	1.18			25
10895	400 AMP W/2 AXLE TRLR 64 HP D	8,858	4.40		0.70	1.06	1.99			30
	MIG									
10905	300AMP W/WIRE FEED AND SHOP GEAR 10 HP E	2,541	1.20		0.21	0.32	0.57			5
10910	450AMP W/WIRE FEED AND SHOP GEAR 20 HP E	2,615	1.95		0.21	0.33	1.14			5
	RECTIFIER									
10920	200 AMP W/SHOP RUNNING GEAR 19 HP E	1,148	1.61		0.10	0.15	1.08			4
10925	300 AMP W/SHOP RUNNING GEAR 24 HP E	1,471	2.05		0.12	0.19	1.37			6
10930	750 AMP W/SHOP RUNNING GEAR 30 HP E	4,039	2.95		0.33	0.51	1.71			7
10935	1000AMP W/SHOP RUNNING GEAR 42 HP E	7,077	4.39		0.58	0.90	2.39			10
	TRANSFORMER-RECTIFIER									
10945	250 AMP W/SHOP RUNNING GEAR 19 HP E	525	1.50		0.05	0.07	1.08			4
10950	300 AMP W/SHOP RUNNING GEAR 24 HP E	1,760	2.09		0.14	0.22	1.37			6

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

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 3-2.f.

Examples: Assume that a two-year-old 50-ton truck crane 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 1982, 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 Adj. Factor)	
= ($30.00) x (.92)	= (+) $27.60/Hr.
Adjusted Total Hourly Rate	= $52.60/Hr.

B. If an equivalent crane owned by a contractor had been purchased new in 1971, 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 Adj. Factor)	
= ($30.00) x (.55)	= (+) $16.50/Hr.
Adjusted Total Hourly Rate	= $41.50/Hr.

C. If an equivalent crane, manufactured in 1971, had been purchased used in 1979 by the contractor, the crane is overage and the rate computation would be identical to Example B.

D. If an equivalent crane, manufactured in 1982, had been purchased used in 1984 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 (CONTINUED)

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW												
		1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976
15	AGGREGATE SPREADERS	1.04	1.02	1.00	1.00	0.97	0.96	0.97						
30	AIR COMPRESSORS	1.04	1.01	1.00	1.01	0.97	0.98	0.96						
45	AIR TOOLS, SANDBLASTERS, ETC	1.04	1.01	1.00										
60	ASPHALT DISTRIBUTORS	1.04	1.02	1.00	1.00	0.97	0.96	0.97						
65	ASPHALT AND CONCRETE PAVERS	1.04	1.02	1.00	1.00	0.97	0.96	0.97						
70	ASPHALT KETTLES AND RECYCLERS	1.05	1.02	1.00	0.99	0.97	0.95							
	BACKHOE (SEE KEY NO. 570-601)													
75	BROOMS	1.05	1.02	1.00	0.99	0.97	0.95	0.93						
80	BRUSH CHIPPERS	1.05	1.02	1.00	0.99	0.97	0.95	0.93						
90	BUCKETS, CLAMSHELL & DRAGLINE	1.03	1.01	1.00	0.98	0.96	0.94	0.96						
95	BUCKETS, CONCRETE	1.04	1.01	1.00	0.98	0.95	0.94	0.96						
105	CONCRETE OR GROUT PUMP	1.05	1.02	1.00	0.99	0.97	0.95							
120	CONCRETE GUNITE EQUIPMENT &	1.05	1.02	1.00	0.99	0.97	0.95							
	FLUID GROUTERS													
125	CONCRETE FINISHERS, BLASTERS	1.05	1.03	1.00	0.99	0.97								
	& BUGGIES													
130	CONCRETE SAWS	1.05	1.02	1.00	0.99	0.97	0.95							
135	CONCRETE VIBRATORS	1.04	1.01	1.00										
140	COMPACTORS, MANUALLY OPERATED	1.04	1.01	1.00	1.01	0.97								
	CRANE, CRAWLER TYPE													
150	0 THRU 25 TON	1.06	1.03	1.00	0.97	0.95	0.94	0.92	0.85	0.78				
165	OVER 25 TON THRU 50 TON	1.06	1.03	1.00	0.97	0.95	0.94	0.92	0.85	0.78	0.70	0.63		
170	OVER 50 TON THRU 150 TON	1.06	1.03	1.00	0.97	0.96	0.94	0.92	0.85	0.79	0.70	0.64	0.59	0.55
180	OVER 150 TON	1.06	1.03	1.00	0.97	0.96	0.94	0.92	0.86	0.79	0.70	0.64	0.59	0.55
	DRAGLINE & CLAMSHELL,CRAWLER													
185	0 THRU 1 CY	1.06	1.03	1.00	0.97	0.95	0.94	0.91	0.85	0.78				
190	OVER 1 CY THRU 2-1/2 CY	1.06	1.03	1.00	0.97	0.95	0.94	0.92	0.85	0.78	0.70	0.63		
195	OVER 2-1/2 CY THRU 5 CY	1.06	1.03	1.00	0.97	0.96	0.94	0.92	0.85	0.79	0.70	0.64	0.59	0.55
196	OVER 5 CY	1.06	1.03	1.00	0.97	0.96	0.94	0.92	0.86	0.79	0.70	0.64	0.59	0.55
200	CRANES, HYDRAULIC, SELF-	1.06	1.03	1.00	0.97	0.95	0.94	0.92	0.85	0.78	0.70	0.63	0.58	
	PROPELLED													
205	CRANES, TOWER	1.06	1.03	1.00	0.97	0.95	0.94	0.92	0.85	0.78	0.70	0.63	0.58	0.54
	CRANES & HYD. EXC. , TRK MTD													
210	UNDER 26 T. (THRU 1 CY)	1.06	1.03	1.00	0.97	0.95	0.94	0.92	0.85	0.78	0.70	0.63		
225	26 THRU 65 T (1 TH 2-1/2 CY)	1.06	1.03	1.00	0.97	0.96	0.94	0.92	0.85	0.78	0.70	0.64	0.59	0.55
230	66 THRU 125 T	1.06	1.03	1.00	0.97	0.96	0.94	0.92	0.86	0.79	0.70	0.64	0.59	0.55
240	OVER 125 T	1.06	1.03	1.00	0.97	0.96	0.94	0.92	0.86	0.79	0.71	0.64	0.59	0.56
255	DRILL, AUGER	1.03	1.00	1.00	1.02	1.01	1.02	1.01						
270	DRILL, BLAST HOLE	1.03	1.00	1.00	1.02	1.01	1.02	1.01						
300	DRILL, CORE	1.03	1.00	1.00	1.02	1.01	1.02	1.01						
315	DRILL, ROTARY TO 11" DIA. HOLE	1.02	1.00	1.00	1.02	1.01	1.02	1.01	0.93	0.79	0.69	0.63		
330	DRILL, ROTARY OVER 11" DIA.	1.02	1.00	1.00	1.02	1.01	1.02	1.01	0.93	0.80	0.69	0.64	0.58	0.56
345	DRILL, ROTARY OVER 11" DIA.,	1.02	1.00	1.00	1.02	1.01	1.02	1.01	0.93	0.80	0.69	0.64	0.58	0.56
	ELECTRIC													
375	FORK LIFTS	1.05	1.02	1.00	0.99	0.97	0.95	0.93						
390	GRADERS	1.10	1.05	1.00	0.99	0.96	0.96	0.94	0.85	0.76				
420	GENERATORS	1.07	1.02	1.00	1.00	0.96	0.94							
435	HOIST	1.05	1.02	1.00	0.99	0.97	0.95	0.93						
	HYD. EXCAVATOR (SEE KEY													
	NO. 570-601)													
438	LAWN MOWERS	1.05	1.02	1.00										
440	LIGHT PLANTS	1.05	1.03	1.00	0.99	0.97	0.95							
450	LOADER, BELT	1.05	1.02	1.00	0.99	0.97	0.95	0.93						
460	LOADER,FRONT END &LOADER F/E	1.12	1.05	1.00	1.00	1.01	1.01	0.96						
	WITH BACKHOE,CRAWLER TYPE													
	LOADER, WHEEL TYPE													
465	0 THRU 225 HP	1.10	1.03	1.00	0.99	0.99	0.96	0.94						
470	OVER 225 HP	1.09	1.03	1.00	1.00	0.99	0.97	0.94	0.85	0.71				

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW												
		1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976
475	LOADER, FRONT END WITH BACKHOE,WHEEL TYPE	1.10	1.03	1.00	0.99	0.99	0.96	0.94						
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	1.06	1.03	1.00	0.98	0.96								
485	PIPELAYERS	1.13	1.05	1.00	1.00	1.01	1.01	0.96	0.87	0.78				
	PUMP, GROUT (SEE KEY NO. 105)													
495	PUMP, WATER, ENGINE DRIVE	1.05	1.03	1.00	0.99	0.97	0.95	0.93						
500	PUMP, WATER, ELECTRIC DRIVE	1.05	1.03	1.00	0.99	0.97	0.95	0.93						
510	RIPPERS	1.13	1.05	1.00	1.00	1.01	1.01							
525	ROLLERS,EXCEPT VIB. ROLLERS	1.06	1.02	1.00	0.98	0.94	0.89	0.80						
530	ROLLERS, VIBRATORY	1.06	1.02	1.00	0.98	0.94	0.89							
535	ROOFING EQUIPMENT	1.09	1.05	1.00	0.99	0.97								
540	SCRAPERS, STANDARD	1.09	1.05	1.00	0.99	0.97	0.97	0.94						
542	SCRAPERS, TANDEM POWERED	1.09	1.05	1.00	0.99	0.97	0.97	0.94						
	SCRAPERS, ELEVATING													
545	0 THRU 200 HP	1.10	1.05	1.00	0.99	0.96	0.96	0.94						
550	OVER 200 HP	1.09	1.05	1.00	0.99	0.97	0.97	0.94						
555	SCRAPERS, TRACTOR DRAWN	1.09	1.05	1.00	0.99	0.97	0.96	0.94	0.85	0.77				
560	SOIL STABILIZERS	1.10	1.05	1.00	0.99	0.96	0.96	0.94						
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED													
570	0 THRU 1 CY	1.07	1.04	1.00	0.97	0.95	0.93							
585	OVER 1 CY THRU 2-1/2 CY	1.06	1.04	1.00	0.97	0.95	0.93	0.91						
595	OVER 2-1/2 CY THRU 5 CY	1.06	1.03	1.00	0.97	0.95	0.94	0.91	0.85	0.78				
600	OVER 5 CY	1.06	1.03	1.00	0.97	0.95	0.94	0.92	0.85	0.78	0.70			
601	OVER 2-1/2 CY ELECTRIC	1.06	1.03	1.00	0.97	0.95	0.94	0.92	0.85	0.78	0.70	0.63	0.58	0.54
	TRACTOR, CRAWLER TYPE													
615	0 THRU 225 HP	1.13	1.05	1.00	1.00	1.01	1.01	0.96						
620	226 HP THRU 425 HP (PER UNIT FOR TANDEM TRACTORS)	1.12	1.05	1.00	1.00	1.01	1.01	0.96						
625	OVER 425 HP	1.12	1.04	1.00	1.00	1.01	1.01	0.97	0.88	0.79				
630	TRACTOR, BLADES, PUSH BLOCKS, PUSH PLATES & CLEARING BLADES	1.12	1.05	1.00	1.00	1.01	1.01	0.96						
645	TRACTOR, WHEEL TYPE	1.05	1.01	1.00	1.00	0.95	0.92	0.92						
650	TRENCHER	1.03	1.00	1.00	0.98	0.96	0.94	0.88						
655	TRAILERS, BOTTOM DUMP AND END DUMP	1.05	1.02	1.00	0.99	0.97	0.95	0.93						
660	TRAILERS, FLATBED, LO-BOY AND TILT	1.06	1.03	1.00	0.99	0.97	0.95	0.92						
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING													
670	DUMP BODIES	1.05	1.02	1.00	0.99	0.97	0.95							
675	ALL OTHER ACCESSORIES	1.05	1.02	1.00	0.99	0.97	0.95							
	TRUCK, HIGHWAY													
690	0 THRU 10,000 GVW	1.03	1.01	1.00	0.95	0.91								
695	OVER 10,000 THRU 30,000 GVW	1.03	1.01	1.00	0.95	0.92	0.87							
705	OVER 30,000 GVW	1.03	1.01	1.00	0.95	0.92	0.88							
720	TRUCK, OFF-HIGHWAY	1.06	1.02	1.00	0.99	0.98	0.97	0.95	0.86	0.75				
765	WAGON, BOTTOM & REAR DUMP	1.06	1.02	1.00	0.99	0.98	0.97	0.95	0.86	0.75				
780	WAGON, WATER	1.07	1.02	1.00	0.99	0.98	0.97	0.95	0.86	0.74				
785	WATER BLASTER	1.05	1.03	1.00	0.99	0.97								
795	WATER TANKS	1.05	1.02	1.00	0.99	0.97	0.95	0.93	0.86	0.76				
810	WELDERS	1.06	1.03	1.00	0.99	0.97	0.95							
811	WELDERS ELECTRIC POWER	1.05	1.03	1.00	0.99	0.97	0.95							

EQUIPMENT RATE CALCULATIONS

FOR USE WITH EP 1110-1-8

DATE | SHT OF

PROJECT | EFFECTIVE PERIOD

LOCATION | ESTIMATOR | CHECKED BY

OPERATIONAL SHIFTS | SPECIAL INFORMATION

EQUIPMENT (a)	UNIT NO. (b)	YEAR PURCHASE (c)	KEY NO. (d)	APPROX. LIFE APPD'X D (e)	HOUR RATE 3-1 (f)	OWNER-SHIP RATE 3-1 (g)	AGE ADJUST FACTOR 3-2 (h)	SHIFT ADJUST FACTOR 3-4 (i)	ADJUSTED OWNSHP RATE (g x h x i) (j)	OPERATING EXPENSE (f-g) (k)	ADJUSTED RATE (j+k) (l)

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

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 3-2.f.

Example: Assume that a two-year-old 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 1982, the hourly standby rate can be determined as follows:

Hourly Standby Rate	= $18.00/Hr.
Standby Adjusted for Age (Standby Rate) x (Age Adj. Factor) = ($18.00) x (.92)	= $16.56/Hr.

TABLE 3-3. EQUIPMENT AGE ADJUSTMENT FACTORS FOR STANDBY COSTS (CONTINUED)

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW												
		1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976
15	AGGREGATE SPREADERS	1.04	1.02	1.00	1.00	0.97	0.96	0.97						
30	AIR COMPRESSORS	1.04	1.01	1.00	1.01	0.98	0.99	0.97						
45	AIR TOOLS, SANDBLASTERS, ETC	1.04	1.01	1.00										
60	ASPHALT DISTRIBUTORS	1.04	1.02	1.00	1.00	0.97	0.96	0.97						
65	ASPHALT AND CONCRETE PAVERS	1.04	1.02	1.00	1.00	0.97	0.96	0.97						
70	ASPHALT KETTLES AND RECYCLERS	1.05	1.02	1.00	0.99	0.97	0.96							
	BACKHOE (SEE KEY NO. 570-601)													
75	BROOMS	1.05	1.02	1.00	0.99	0.97	0.96	0.94						
80	BRUSH CHIPPERS	1.05	1.02	1.00	0.99	0.97	0.96	0.94						
90	BUCKETS, CLAMSHELL & DRAGLINE	1.03	1.01	1.00	0.98	0.96	0.95	0.96						
95	BUCKETS, CONCRETE	1.03	1.01	1.00	0.98	0.96	0.95	0.96						
105	CONCRETE OR GROUT PUMP	1.05	1.02	1.00	0.99	0.97	0.96							
120	CONCRETE GUNITE EQUIPMENT &	1.05	1.02	1.00	0.99	0.97	0.96							
	FLUID GROUTERS													
125	CONCRETE FINISHERS, BLASTERS	1.05	1.02	1.00	0.99	0.97								
	& BUGGIES													
130	CONCRETE SAWS	1.05	1.02	1.00	0.99	0.97	0.96							
135	CONCRETE VIBRATORS	1.04	1.01	1.00										
140	COMPACTORS, MANUALLY OPERATED	1.04	1.01	1.00	1.01	0.98								
	CRANE, CRAWLER TYPE													
150	0 THRU 25 TON	1.05	1.03	1.00	0.97	0.96	0.94	0.92	0.86	0.80				
165	OVER 25 TON THRU 50 TON	1.05	1.03	1.00	0.97	0.96	0.94	0.92	0.87	0.80	0.73	0.67		
170	OVER 50 TON THRU 150 TON	1.05	1.03	1.00	0.98	0.96	0.94	0.92	0.87	0.81	0.73	0.67	0.63	0.59
180	OVER 150 TON	1.05	1.03	1.00	0.98	0.96	0.94	0.93	0.87	0.81	0.73	0.67	0.63	0.59
	DRAGLINE & CLAMSHELL,CRAWLER													
185	0 THRU 1 CY	1.06	1.03	1.00	0.97	0.96	0.94	0.92	0.86	0.80				
190	OVER 1 CY THRU 2-1/2 CY	1.05	1.03	1.00	0.97	0.96	0.94	0.92	0.87	0.80	0.73	0.67		
195	OVER 2-1/2 CY THRU 5 CY	1.05	1.03	1.00	0.98	0.96	0.94	0.92	0.87	0.81	0.73	0.67	0.63	0.59
196	OVER 5 CY	1.05	1.03	1.00	0.98	0.96	0.94	0.93	0.87	0.81	0.73	0.67	0.63	0.59
200	CRANES, HYDRAULIC, SELF-	1.05	1.03	1.00	0.97	0.96	0.94	0.92	0.87	0.80	0.73	0.67	0.62	
	PROPELLED													
205	CRANES, TOWER	1.05	1.03	1.00	0.98	0.96	0.94	0.93	0.87	0.81	0.73	0.68	0.63	0.60
	CRANES & HYD. EXC. , TRK MTD													
210	UNDER 26 T. (THRU 1 CY)	1.05	1.03	1.00	0.97	0.96	0.94	0.92	0.87	0.80	0.73	0.67		
225	26 THRU 65 T (1 TH 2-1/2 CY)	1.05	1.03	1.00	0.98	0.96	0.94	0.92	0.87	0.81	0.73	0.67	0.63	0.59
230	66 THRU 125 T	1.05	1.03	1.00	0.98	0.96	0.94	0.93	0.87	0.81	0.73	0.67	0.63	0.59
240	OVER 125 T	1.05	1.03	1.00	0.98	0.96	0.94	0.93	0.87	0.81	0.73	0.68	0.63	0.60
255	DRILL, AUGER	1.02	1.00	1.00	1.02	1.01	1.02	1.01						
270	DRILL, BLAST HOLE	1.02	1.00	1.00	1.02	1.01	1.02	1.01						
300	DRILL, CORE	1.02	1.00	1.00	1.02	1.01	1.02	1.01						
315	DRILL, ROTARY TO 11" DIA. HOLE	1.02	1.00	1.00	1.02	1.01	1.02	1.01	0.94	0.82	0.72	0.68		
330	DRILL, ROTARY OVER 11" DIA.	1.02	1.00	1.00	1.02	1.01	1.02	1.01	0.94	0.82	0.73	0.68	0.63	0.61
345	DRILL, ROTARY OVER 11" DIA.,	1.02	1.00	1.00	1.02	1.01	1.02	1.01	0.94	0.82	0.73	0.68	0.63	0.61
	ELECTRIC													
375	FORK LIFTS	1.05	1.02	1.00	0.99	0.97	0.96	0.94						
390	GRADERS	1.08	1.04	1.00	0.99	0.97	0.97	0.95	0.87	0.80				
420	GENERATORS	1.06	1.02	1.00	1.00	0.97	0.94							
435	HOIST	1.05	1.02	1.00	0.99	0.97	0.96	0.94						
	HYD. EXCAVATOR (SEE KEY													
	NO. 570-601)													
438	LAWN MOWERS	1.05	1.02	1.00										
440	LIGHT PLANTS	1.05	1.02	1.00	0.99	0.97	0.96							
450	LOADER, BELT	1.05	1.02	1.00	0.99	0.97	0.96	0.94						
460	LOADER,FRONT END &LOADER F/E	1.11	1.04	1.00	1.00	1.01	1.01	0.97						
	WITH BACKHOE,CRAWLER TYPE													
	LOADER, WHEEL TYPE													
465	0 THRU 225 HP	1.08	1.03	1.00	1.00	0.99	0.97	0.95						
470	OVER 225 HP	1.08	1.03	1.00	1.00	0.99	0.97	0.95	0.86	0.74				

TABLE 3-3. EQUIPMENT AGE ADJUSTMENT FACTORS FOR STANDBY COSTS (CONTINUED)

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW												
		1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976
475	LOADER, FRONT END WITH BACKHOE,WHEEL TYPE	1.08	1.03	1.00	1.00	0.99	0.97	0.95						
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	1.05	1.02	1.00	0.99	0.97								
485	PIPELAYERS	1.11	1.04	1.00	1.00	1.01	1.01	0.97	0.89	0.81				
	PUMP, GROUT (SEE KEY NO. 105)													
495	PUMP, WATER, ENGINE DRIVE	1.05	1.02	1.00	0.99	0.97	0.96	0.94						
500	PUMP, WATER, ELECTRIC DRIVE	1.05	1.02	1.00	0.99	0.97	0.96	0.94						
510	RIPPERS	1.11	1.04	1.00	1.00	1.01	1.01							
525	ROLLERS,EXCEPT VIB. ROLLERS	1.05	1.02	1.00	0.99	0.95	0.90	0.82						
530	ROLLERS, VIBRATORY	1.05	1.02	1.00	0.98	0.94	0.90							
535	ROOFING EQUIPMENT	1.09	1.04	1.00	0.99	0.97								
540	SCRAPERS, STANDARD	1.08	1.04	1.00	0.99	0.97	0.97	0.95						
542	SCRAPERS, TANDEM POWERED	1.08	1.04	1.00	0.99	0.97	0.97	0.95						
	SCRAPERS, ELEVATING													
545	0 THRU 200 HP	1.08	1.04	1.00	0.99	0.97	0.97	0.95						
550	OVER 200 HP	1.08	1.04	1.00	0.99	0.97	0.97	0.95						
555	SCRAPERS, TRACTOR DRAWN	1.08	1.04	1.00	0.99	0.97	0.97	0.95	0.87	0.80				
560	SOIL STABILIZERS	1.08	1.04	1.00	0.99	0.97	0.97	0.95						
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED													
570	0 THRU 1 CY	1.06	1.03	1.00	0.97	0.96	0.94							
585	OVER 1 CY THRU 2-1/2 CY	1.06	1.03	1.00	0.97	0.96	0.94	0.92						
595	OVER 2-1/2 CY THRU 5 CY	1.06	1.03	1.00	0.97	0.96	0.94	0.92	0.86	0.80				
600	OVER 5 CY	1.05	1.03	1.00	0.97	0.96	0.94	0.92	0.87	0.80	0.73			
601	OVER 2-1/2 CY ELECTRIC	1.05	1.03	1.00	0.98	0.96	0.94	0.93	0.87	0.81	0.73	0.68	0.63	0.60
	TRACTOR, CRAWLER TYPE													
615	0 THRU 225 HP	1.11	1.04	1.00	1.00	1.01	1.01	0.97						
620	226 HP THRU 425 HP (PER UNIT FOR TANDEM TRACTORS)	1.11	1.04	1.00	1.00	1.01	1.01	0.97						
625	OVER 425 HP	1.11	1.04	1.00	1.00	1.01	1.01	0.97	0.89	0.81				
630	TRACTOR, BLADES, PUSH BLOCKS, PUSH PLATES & CLEARING BLADES	1.11	1.04	1.00	1.00	1.01	1.01	0.97						
645	TRACTOR, WHEEL TYPE	1.05	1.01	1.00	1.00	0.96	0.93	0.92						
650	TRENCHER	1.02	1.00	1.00	0.98	0.97	0.95	0.89						
655	TRAILERS, BOTTOM DUMP AND END DUMP	1.05	1.02	1.00	0.99	0.97	0.96	0.94						
660	TRAILERS, FLATBED, LO-BOY AND TILT	1.05	1.02	1.00	0.99	0.97	0.96	0.94						
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING													
670	DUMP BODIES	1.05	1.02	1.00	0.99	0.97	0.96							
675	ALL OTHER ACCESSORIES	1.05	1.02	1.00	0.99	0.97	0.96							
	TRUCK, HIGHWAY													
690	0 THRU 10,000 GVW	1.03	1.01	1.00	0.95	0.92								
695	OVER 10,000 THRU 30,000 GVW	1.03	1.01	1.00	0.95	0.93	0.89							
705	OVER 30,000 GVW	1.03	1.01	1.00	0.95	0.93	0.89							
720	TRUCK, OFF-HIGHWAY	1.06	1.02	1.00	1.00	0.99	0.98	0.95	0.88	0.77				
765	WAGON, BOTTOM & REAR DUMP	1.06	1.02	1.00	1.00	0.99	0.98	0.95	0.88	0.77				
780	WAGON, WATER	1.06	1.02	1.00	1.00	0.99	0.98	0.95	0.88	0.77				
785	WATER BLASTER	1.05	1.02	1.00	0.99	0.97								
795	WATER TANKS	1.04	1.02	1.00	0.99	0.97	0.96	0.94	0.88	0.79				
810	WELDERS	1.05	1.02	1.00	0.99	0.97	0.96							
811	WELDERS ELECTRIC POWER	1.05	1.02	1.00	0.99	0.97	0.96							

EQUIPMENT RATE CALCULATIONS

FOR USE WITH EP 1110-1-8

PROJECT		DATE	SHT OF
LOCATION		EFFECTIVE PERIOD	
	ESTIMATOR		CHECKED BY
	SPECIAL INFORMATION STANDBY		

EQUIPMENT (a)	UNIT NO. (b)	YEAR PURCHASE (c)	KEY NO. (d)	STANDBY RATE 3-1 (e)	AGE FACTOR 3-3 (f)	ADJUSTED RATE (e x f) (g)	NUMBER ON SITE (h)	TOTAL COSTS (g x h) (i)			
TOTAL STANDBY COSTS / HOUR											

TABLE 3-4. SHIFT ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

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 = 18,000 Hrs.) can be determined as follows:

Total Hourly Rate (adjusted for age)	=	$52.60/Hr.
Ownership Rate (adjusted for age)	(-)	$27.60/Hr.
Ownership Adjusted for Work Hours (Ownership Rate) x (Work Hr Adj. Factor) = ($27.60) x (.86)	= (+)	$23.74/Hr.
Adjusted Total Hourly Rate	=	$48.74/Hr.

TABLE 3-4. SHIFT ADJUSTMENT FACTORS FOR OWNERSHIP COSTS (CONTINUED)

Service Life From APP. D	Equipment Useage - Hours per Week												
	40	45	48	54	60	66	72	80	90	100	110	120	140
4,000	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.89
6,000	1.00	0.98	0.96	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.87	0.86	0.85
8,000	1.00	0.97	0.96	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82
9,000	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
10,000	1.00	0.97	0.95	0.92	0.90	0.88	0.87	0.85	0.84	0.82	0.81	0.80	0.79
11,000	1.00	0.97	0.95	0.92	0.90	0.88	0.86	0.84	0.83	0.81	0.80	0.79	0.78
12,000	1.00	0.96	0.94	0.91	0.89	0.87	0.85	0.83	0.82	0.80	0.79	0.78	0.76
13,000	1.00	0.96	0.94	0.91	0.88	0.86	0.85	0.83	0.81	0.79	0.78	0.77	0.75
14,000	1.00	0.96	0.94	0.91	0.88	0.86	0.84	0.82	0.80	0.78	0.77	0.76	0.74
15,000	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
16,000	1.00	0.96	0.93	0.90	0.87	0.84	0.83	0.80	0.78	0.76	0.75	0.74	0.72
18,000	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
20,000	1.00	0.95	0.93	0.88	0.85	0.82	0.80	0.78	0.75	0.73	0.72	0.70	0.68
22,000	1.00	0.95	0.92	0.88	0.84	0.82	0.79	0.77	0.74	0.72	0.70	0.69	0.67
50,000	1.00	0.93	0.89	0.83	0.78	0.74	0.71	0.67	0.63	0.60	0.58	0.56	0.53

TABLE 3-5. HOURLY RATE ELEMENT

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
1015	4.53	1.97	8.35	2.00	0.23	0.03	4.29	21.40								
1020	5.08	2.21	2.77	0.67	0.23	0.03	4.81	15.80								
1030	4.70	2.05	6.22	1.49	0.23	0.03	4.46	19.18								
1035	4.77	2.07	6.22	1.49	0.23	0.03	4.51	19.32								
1050	0.83	0.40	2.94	0.94	0.02	0.00	0.84	5.97								
1055	1.00	0.48	0.83	0.23	0.02	0.00	1.01	3.57								
1060	1.02	0.49	4.11	1.32	0.02	0.00	1.03	7.99								
1065	1.09	0.52	1.28	0.36	0.02	0.00	1.10	4.37								
1070	1.12	0.53	4.11	1.32	0.02	0.00	1.13	8.23								
1075	1.27	0.60	1.35	0.38	0.02	0.00	1.28	4.90								
1080	1.15	0.55	4.11	1.32	0.02	0.00	1.17	8.32								
1085	1.36	0.65	1.73	0.48	0.02	0.00	1.38	5.62								
1090	1.60	0.76	2.21	0.62	0.03	0.00	1.61	6.83								
1095	2.47	1.20	3.06	0.86	0.15	0.02	2.50	10.26								
1100	3.22	1.55	3.81	1.07	0.15	0.02	3.26	13.08								
1105	3.87	1.86	4.72	1.32	0.17	0.03	3.92	15.89								
1110	4.50	2.16	5.72	1.60	0.17	0.03	4.55	18.73								
1115	5.13	2.46	6.52	1.83	0.17	0.03	5.19	21.33								
1120	5.63	2.69	6.77	1.90	0.17	0.03	5.70	22.89								
1125	5.47	2.62	7.37	2.06	0.17	0.03	5.54	23.26								
1130	7.56	3.60	10.03	2.81	0.17	0.03	7.64	31.84								
1135	8.54	4.07	11.44	3.20	0.21	0.03	8.63	36.12								
1150	0.30	0.06	0.00	0.06	0.00	0.00	0.61	1.03								
1155	0.55	0.11	0.00	0.06	0.00	0.00	1.12	1.84								
1160	0.56	0.11	0.00	0.06	0.00	0.00	1.13	1.86								
1165	0.61	0.12	0.00	0.13	0.00	0.00	1.24	2.10								
1170	0.83	0.16	0.00	0.13	0.00	0.00	1.67	2.79								
1175	2.34	0.46	0.00	0.28	0.05	0.01	4.76	7.90								
1180	2.78	0.57	0.00	0.41	0.14	0.02	5.68	9.60								
1185	3.43	0.70	0.00	0.51	0.14	0.02	7.00	11.80								
1195	0.18	0.04	0.00	0.06	0.00	0.00	0.37	0.65								
1200	0.40	0.08	0.00	0.11	0.00	0.00	0.82	1.41								
1205	0.19	0.04	0.00	0.06	0.00	0.00	0.38	0.67								
1210	0.20	0.04	0.00	0.06	0.00	0.00	0.41	0.71								
1215	0.22	0.04	0.00	0.06	0.00	0.00	0.45	0.77								
1220	0.74	0.14	0.00	0.13	0.00	0.00	1.50	2.51								
1230	0.40	0.08	0.00	0.15	0.00	0.00	1.34	1.97								
1235	0.26	0.05	0.00	0.13	0.00	0.00	0.86	1.30								
1240	0.23	0.04	0.00	0.10	0.00	0.00	0.78	1.15								
1245	0.21	0.04	0.00	0.08	0.00	0.00	0.70	1.03								
1250	0.16	0.03	0.00	0.06	0.00	0.00	0.55	0.80								
1265	2.55	1.09	2.64	0.85	0.00	0.00	2.92	10.05								
1270	2.61	1.11	2.64	0.85	0.00	0.00	2.99	10.20								
1275	2.79	1.19	2.64	0.85	0.00	0.00	3.20	10.67								
1280	3.14	1.33	2.64	0.85	0.00	0.00	3.59	11.55								
1295	10.18	4.40	1.96	0.55	0.37	0.06	12.38	29.90								
1300	11.38	4.99	2.41	0.67	0.81	0.12	13.87	34.25								
1305	12.76	5.57	3.56	1.00	0.81	0.12	15.55	39.37								
1310	11.94	5.08	1.96	0.55	0.00	0.00	14.47	34.00								
1315	13.78	5.87	2.41	0.67	0.00	0.00	16.71	39.44								
1320	16.79	7.14	3.56	1.00	0.00	0.00	20.34	48.83								
1330	3.87	1.71	0.75	0.21	0.35	0.05	4.73	11.67								
1335	6.52	2.84	1.10	0.31	0.35	0.05	7.94	19.11								
1340	8.69	3.79	1.40	0.39	0.52	0.08	10.59	25.46								
1345	10.45	4.60	2.38	0.67	0.81	0.12	12.76	31.79								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
1350	12.42	5.46	2.31	0.65	0.99	0.15	15.16	37.14								
1355	16.13	7.11	3.71	1.04	1.38	0.21	19.70	49.28								
1360	11.91	5.07	2.26	0.63	0.00	0.00	14.44	34.31								
1365	14.34	6.10	3.13	0.88	0.00	0.00	17.37	41.82								
1380	0.40	0.14	0.00	1.03	0.02	0.00	0.44	2.03								
1385	0.47	0.17	0.00	1.14	0.02	0.00	0.52	2.32								
1395	0.27	0.10	0.00	0.90	0.02	0.00	0.30	1.59								
1400	0.31	0.12	0.00	1.15	0.03	0.00	0.35	1.96								
1415	0.90	0.32	0.41	1.74	0.03	0.00	0.98	4.38								
1430	0.53	0.23	0.00	0.24	0.02	0.00	0.58	1.60								
1435	0.68	0.30	1.76	0.42	0.02	0.00	0.75	3.93								
1440	0.26	0.11	0.00	0.10	0.00	0.00	0.29	0.76								
1445	0.47	0.20	0.00	0.14	0.00	0.00	0.51	1.32								
1460	0.31	0.14	0.45	0.14	0.02	0.00	0.39	1.45								
1465	0.38	0.16	0.74	0.24	0.02	0.00	0.46	2.00								
1470	0.81	0.35	2.46	0.79	0.02	0.00	0.99	5.42								
1475	1.02	0.44	1.35	0.38	0.02	0.00	1.25	4.46								
1485	0.96	0.41	6.14	1.97	0.00	0.00	1.18	10.66								
1490	1.03	0.45	6.14	1.97	0.04	0.01	1.27	10.91								
1505	1.01	0.39	0.00	0.00	0.00	0.00	0.89	2.29	1.27	0.40	0.00	0.00	0.00	0.00	1.27	2.94
1510	1.09	0.42	0.00	0.00	0.00	0.00	0.96	2.47	1.36	0.43	0.00	0.00	0.00	0.00	1.37	3.16
1515	1.56	0.60	0.00	0.00	0.00	0.00	1.37	3.53	1.95	0.62	0.00	0.00	0.00	0.00	1.96	4.53
1520	1.81	0.70	0.00	0.00	0.00	0.00	1.59	4.10	2.26	0.71	0.00	0.00	0.00	0.00	2.27	5.24
1525	2.36	0.91	0.00	0.00	0.00	0.00	2.07	5.34	2.95	0.93	0.00	0.00	0.00	0.00	2.96	6.84
1530	2.50	0.96	0.00	0.00	0.00	0.00	2.20	5.66	3.12	0.99	0.00	0.00	0.00	0.00	3.14	7.25
1535	2.70	1.04	0.00	0.00	0.00	0.00	2.38	6.12	3.38	1.07	0.00	0.00	0.00	0.00	3.39	7.84
1540	2.97	1.15	0.00	0.00	0.00	0.00	2.62	6.74	3.72	1.17	0.00	0.00	0.00	0.00	3.74	8.63
1545	3.22	1.24	0.00	0.00	0.00	0.00	2.83	7.29	4.02	1.27	0.00	0.00	0.00	0.00	4.04	9.33
1550	3.42	1.32	0.00	0.00	0.00	0.00	3.01	7.75	4.27	1.35	0.00	0.00	0.00	0.00	4.29	9.91
1555	3.76	1.45	0.00	0.00	0.00	0.00	3.31	8.52	4.70	1.49	0.00	0.00	0.00	0.00	4.73	10.92
1560	3.91	1.51	0.00	0.00	0.00	0.00	3.44	8.86	4.89	1.54	0.00	0.00	0.00	0.00	4.91	11.34
1565	4.11	1.59	0.00	0.00	0.00	0.00	3.62	9.32	5.14	1.62	0.00	0.00	0.00	0.00	5.17	11.93
1570	4.32	1.66	0.00	0.00	0.00	0.00	3.80	9.78	5.40	1.70	0.00	0.00	0.00	0.00	5.43	12.53
1575	4.48	1.73	0.00	0.00	0.00	0.00	3.94	10.15	5.60	1.77	0.00	0.00	0.00	0.00	5.63	13.00
1585	1.32	0.51	0.00	0.00	0.00	0.00	1.16	2.99	1.65	0.52	0.00	0.00	0.00	0.00	1.66	3.83
1590	1.32	0.51	0.00	0.00	0.00	0.00	1.16	2.99	1.65	0.52	0.00	0.00	0.00	0.00	1.66	3.83
1595	1.92	0.74	0.00	0.00	0.00	0.00	1.69	4.35	2.40	0.76	0.00	0.00	0.00	0.00	2.41	5.57
1600	2.07	0.80	0.00	0.00	0.00	0.00	1.82	4.69	2.59	0.82	0.00	0.00	0.00	0.00	2.60	6.01
1605	2.63	1.01	0.00	0.00	0.00	0.00	2.31	5.95	3.29	1.04	0.00	0.00	0.00	0.00	3.31	7.64
1610	2.88	1.11	0.00	0.00	0.00	0.00	2.53	6.52	3.60	1.14	0.00	0.00	0.00	0.00	3.62	8.36
1615	3.28	1.27	0.00	0.00	0.00	0.00	2.89	7.44	4.10	1.30	0.00	0.00	0.00	0.00	4.13	9.53
1620	3.53	1.36	0.00	0.00	0.00	0.00	3.11	8.00	4.41	1.39	0.00	0.00	0.00	0.00	4.44	10.24
1625	3.79	1.46	0.00	0.00	0.00	0.00	3.34	8.59	4.74	1.50	0.00	0.00	0.00	0.00	4.77	11.01
1630	4.15	1.60	0.00	0.00	0.00	0.00	3.65	9.40	5.19	1.64	0.00	0.00	0.00	0.00	5.22	12.05
1635	4.38	1.69	0.00	0.00	0.00	0.00	3.85	9.92	5.47	1.73	0.00	0.00	0.00	0.00	5.50	12.70
1640	4.59	1.77	0.00	0.00	0.00	0.00	4.04	10.40	5.74	1.81	0.00	0.00	0.00	0.00	5.77	13.32
1645	4.83	1.86	0.00	0.00	0.00	0.00	4.25	10.94	6.04	1.91	0.00	0.00	0.00	0.00	6.07	14.02
1650	5.04	1.94	0.00	0.00	0.00	0.00	4.43	11.41	6.30	1.99	0.00	0.00	0.00	0.00	6.33	14.62
1655	5.24	2.02	0.00	0.00	0.00	0.00	4.61	11.87	6.55	2.07	0.00	0.00	0.00	0.00	6.58	15.20
1665	1.49	0.57	0.00	0.00	0.00	0.00	1.31	3.37	1.86	0.59	0.00	0.00	0.00	0.00	1.87	4.32
1670	1.52	0.58	0.00	0.00	0.00	0.00	1.33	3.43	1.90	0.60	0.00	0.00	0.00	0.00	1.91	4.41
1675	2.18	0.84	0.00	0.00	0.00	0.00	1.92	4.94	2.73	0.86	0.00	0.00	0.00	0.00	2.74	6.33
1680	2.66	1.03	0.00	0.00	0.00	0.00	2.34	6.03	3.32	1.05	0.00	0.00	0.00	0.00	3.34	7.71
1685	3.06	1.18	0.00	0.00	0.00	0.00	2.70	6.94	3.83	1.21	0.00	0.00	0.00	0.00	3.85	8.89
1690	3.32	1.28	0.00	0.00	0.00	0.00	2.92	7.52	4.15	1.31	0.00	0.00	0.00	0.00	4.17	9.63

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
1695	3.66	1.41	0.00	0.00	0.00	0.00	3.22	8.29	4.57	1.44	0.00	0.00	0.00	0.00	4.60	10.61
1700	3.93	1.52	0.00	0.00	0.00	0.00	3.46	8.91	4.91	1.55	0.00	0.00	0.00	0.00	4.94	11.40
1705	4.03	1.55	0.00	0.00	0.00	0.00	3.54	9.12	5.03	1.59	0.00	0.00	0.00	0.00	5.06	11.68
1710	4.35	1.68	0.00	0.00	0.00	0.00	3.83	9.86	5.44	1.72	0.00	0.00	0.00	0.00	5.47	12.63
1715	4.61	1.78	0.00	0.00	0.00	0.00	4.06	10.45	5.76	1.82	0.00	0.00	0.00	0.00	5.79	13.37
1720	4.85	1.87	0.00	0.00	0.00	0.00	4.26	10.98	6.06	1.91	0.00	0.00	0.00	0.00	6.09	14.06
1725	5.15	1.99	0.00	0.00	0.00	0.00	4.53	11.67	6.44	2.03	0.00	0.00	0.00	0.00	6.47	14.94
1730	5.34	2.06	0.00	0.00	0.00	0.00	4.70	12.10	6.68	2.11	0.00	0.00	0.00	0.00	6.71	15.50
1735	5.59	2.16	0.00	0.00	0.00	0.00	4.92	12.67	6.99	2.21	0.00	0.00	0.00	0.00	7.03	16.23
1750	0.26	0.11	0.00	0.00	0.00	0.00	0.24	0.61								
1755	0.27	0.12	0.00	0.00	0.00	0.00	0.25	0.64								
1760	0.28	0.12	0.00	0.00	0.00	0.00	0.26	0.66								
1765	0.29	0.12	0.00	0.00	0.00	0.00	0.27	0.68								
1770	0.33	0.14	0.00	0.00	0.00	0.00	0.31	0.78								
1775	0.42	0.18	0.00	0.00	0.00	0.00	0.40	1.00								
1780	0.50	0.21	0.00	0.00	0.00	0.00	0.47	1.18								
1785	0.58	0.24	0.00	0.00	0.00	0.00	0.54	1.36								
1795	0.13	0.05	0.00	0.00	0.00	0.00	0.12	0.30								
1800	0.16	0.07	0.00	0.00	0.00	0.00	0.15	0.38								
1805	0.21	0.09	0.00	0.00	0.00	0.00	0.19	0.49								
1810	0.29	0.12	0.00	0.00	0.00	0.00	0.27	0.68								
1815	0.37	0.16	0.00	0.00	0.00	0.00	0.34	0.87								
1825	0.53	0.23	0.00	0.00	0.00	0.00	0.50	1.26								
1830	0.55	0.24	0.00	0.00	0.00	0.00	0.52	1.31								
1835	0.58	0.24	0.00	0.00	0.00	0.00	0.54	1.36								
1840	0.76	0.32	0.00	0.00	0.00	0.00	0.71	1.79								
1845	0.79	0.33	0.00	0.00	0.00	0.00	0.74	1.86								
1850	1.13	0.48	0.00	0.00	0.00	0.00	1.06	2.67								
1855	1.36	0.58	0.00	0.00	0.00	0.00	1.27	3.21								
1865	0.60	0.26	0.00	0.00	0.00	0.00	0.56	1.42								
1870	0.67	0.29	0.00	0.00	0.00	0.00	0.63	1.59								
1875	0.78	0.33	0.00	0.00	0.00	0.00	0.73	1.84								
1880	0.87	0.37	0.00	0.00	0.00	0.00	0.81	2.05								
1885	1.02	0.43	0.00	0.00	0.00	0.00	0.95	2.40								
1900	0.30	0.12	0.00	0.00	0.00	0.00	0.27	0.69	0.38	0.12	0.00	0.00	0.00	0.00	0.38	0.88
1905	0.36	0.14	0.00	0.00	0.00	0.00	0.32	0.82	0.45	0.14	0.00	0.00	0.00	0.00	0.45	1.04
1910	0.44	0.17	0.00	0.00	0.00	0.00	0.39	1.00	0.55	0.17	0.00	0.00	0.00	0.00	0.55	1.27
1915	0.52	0.20	0.00	0.00	0.00	0.00	0.46	1.18	0.65	0.21	0.00	0.00	0.00	0.00	0.65	1.51
1920	0.61	0.24	0.00	0.00	0.00	0.00	0.54	1.39	0.76	0.24	0.00	0.00	0.00	0.00	0.77	1.77
1925	0.75	0.29	0.00	0.00	0.00	0.00	0.66	1.70	0.94	0.30	0.00	0.00	0.00	0.00	0.95	2.19
1930	0.83	0.32	0.00	0.00	0.00	0.00	0.73	1.88	1.04	0.33	0.00	0.00	0.00	0.00	1.05	2.42
1935	1.02	0.39	0.00	0.00	0.00	0.00	0.89	2.30	1.27	0.40	0.00	0.00	0.00	0.00	1.28	2.95
1940	1.08	0.42	0.00	0.00	0.00	0.00	0.95	2.45	1.35	0.43	0.00	0.00	0.00	0.00	1.36	3.14
1945	1.30	0.50	0.00	0.00	0.00	0.00	1.15	2.95	1.63	0.51	0.00	0.00	0.00	0.00	1.64	3.78
1950	1.41	0.54	0.00	0.00	0.00	0.00	1.24	3.19	1.76	0.56	0.00	0.00	0.00	0.00	1.77	4.09
1955	1.54	0.60	0.00	0.00	0.00	0.00	1.36	3.50	1.93	0.61	0.00	0.00	0.00	0.00	1.94	4.48
1960	1.71	0.66	0.00	0.00	0.00	0.00	1.51	3.88	2.14	0.68	0.00	0.00	0.00	0.00	2.15	4.97
1965	1.98	0.76	0.00	0.00	0.00	0.00	1.74	4.48	2.47	0.78	0.00	0.00	0.00	0.00	2.48	5.73
1970	2.15	0.83	0.00	0.00	0.00	0.00	1.89	4.87	2.68	0.85	0.00	0.00	0.00	0.00	2.70	6.23
1975	2.64	1.02	0.00	0.00	0.00	0.00	2.32	5.98	3.30	1.04	0.00	0.00	0.00	0.00	3.32	7.66
1980	3.04	1.17	0.00	0.00	0.00	0.00	2.67	6.88	3.79	1.20	0.00	0.00	0.00	0.00	3.82	8.81
1990	0.35	0.14	0.00	0.00	0.00	0.00	0.31	0.80	0.44	0.14	0.00	0.00	0.00	0.00	0.45	1.03
1995	0.44	0.17	0.00	0.00	0.00	0.00	0.38	0.99	0.55	0.17	0.00	0.00	0.00	0.00	0.55	1.27
2000	0.54	0.21	0.00	0.00	0.00	0.00	0.47	1.22	0.67	0.21	0.00	0.00	0.00	0.00	0.68	1.56
2005	0.64	0.25	0.00	0.00	0.00	0.00	0.56	1.45	0.80	0.25	0.00	0.00	0.00	0.00	0.81	1.86

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
2010	0.74	0.28	0.00	0.00	0.00	0.00	0.65	1.67	0.92	0.29	0.00	0.00	0.00	0.00	0.93	2.14
2015	0.88	0.34	0.00	0.00	0.00	0.00	0.78	2.00	1.10	0.35	0.00	0.00	0.00	0.00	1.11	2.56
2020	0.98	0.38	0.00	0.00	0.00	0.00	0.86	2.22	1.22	0.39	0.00	0.00	0.00	0.00	1.23	2.84
2025	1.17	0.45	0.00	0.00	0.00	0.00	1.03	2.65	1.46	0.46	0.00	0.00	0.00	0.00	1.47	3.39
2030	1.25	0.48	0.00	0.00	0.00	0.00	1.10	2.83	1.57	0.49	0.00	0.00	0.00	0.00	1.57	3.63
2035	1.61	0.62	0.00	0.00	0.00	0.00	1.41	3.64	2.01	0.63	0.00	0.00	0.00	0.00	2.02	4.66
2040	1.66	0.64	0.00	0.00	0.00	0.00	1.46	3.76	2.07	0.66	0.00	0.00	0.00	0.00	2.09	4.82
2045	1.89	0.73	0.00	0.00	0.00	0.00	1.67	4.29	2.37	0.75	0.00	0.00	0.00	0.00	2.38	5.50
2050	2.09	0.80	0.00	0.00	0.00	0.00	1.84	4.73	2.61	0.82	0.00	0.00	0.00	0.00	2.62	6.05
2055	2.50	0.96	0.00	0.00	0.00	0.00	2.20	5.66	3.12	0.99	0.00	0.00	0.00	0.00	3.14	7.25
2060	2.66	1.03	0.00	0.00	0.00	0.00	2.34	6.03	3.32	1.05	0.00	0.00	0.00	0.00	3.34	7.71
2065	3.39	1.31	0.00	0.00	0.00	0.00	2.98	7.68	4.24	1.34	0.00	0.00	0.00	0.00	4.26	9.84
2070	3.77	1.45	0.00	0.00	0.00	0.00	3.32	8.54	4.72	1.49	0.00	0.00	0.00	0.00	4.74	10.95
2080	1.42	0.55	0.00	0.00	0.00	0.00	1.25	3.22	1.77	0.56	0.00	0.00	0.00	0.00	1.78	4.11
2085	1.47	0.57	0.00	0.00	0.00	0.00	1.30	3.34	1.84	0.58	0.00	0.00	0.00	0.00	1.85	4.27
2090	1.65	0.64	0.00	0.00	0.00	0.00	1.45	3.74	2.06	0.65	0.00	0.00	0.00	0.00	2.08	4.79
2095	2.21	0.85	0.00	0.00	0.00	0.00	1.94	5.00	2.76	0.87	0.00	0.00	0.00	0.00	2.78	6.41
2100	2.47	0.95	0.00	0.00	0.00	0.00	2.17	5.59	3.09	0.97	0.00	0.00	0.00	0.00	3.10	7.16
2105	2.55	0.98	0.00	0.00	0.00	0.00	2.24	5.77	3.19	1.01	0.00	0.00	0.00	0.00	3.20	7.40
2110	2.73	1.05	0.00	0.00	0.00	0.00	2.40	6.18	3.41	1.08	0.00	0.00	0.00	0.00	3.43	7.92
2115	3.47	1.34	0.00	0.00	0.00	0.00	3.05	7.86	4.34	1.37	0.00	0.00	0.00	0.00	4.36	10.07
2120	3.57	1.38	0.00	0.00	0.00	0.00	3.14	8.09	4.46	1.41	0.00	0.00	0.00	0.00	4.49	10.36
2125	4.54	1.75	0.00	0.00	0.00	0.00	3.99	10.28	5.67	1.79	0.00	0.00	0.00	0.00	5.71	13.17
2130	4.70	1.81	0.00	0.00	0.00	0.00	4.14	10.65	5.88	1.86	0.00	0.00	0.00	0.00	5.91	13.65
2135	5.59	2.16	0.00	0.00	0.00	0.00	4.92	12.67	6.99	2.21	0.00	0.00	0.00	0.00	7.03	16.23
2140	5.98	2.31	0.00	0.00	0.00	0.00	5.26	13.55	7.47	2.36	0.00	0.00	0.00	0.00	7.52	17.35
2155	0.86	0.33	0.00	0.00	0.00	0.00	0.76	1.95	1.08	0.34	0.00	0.00	0.00	0.00	1.08	2.50
2160	1.10	0.42	0.00	0.00	0.00	0.00	0.97	2.49	1.38	0.44	0.00	0.00	0.00	0.00	1.39	3.21
2165	1.51	0.58	0.00	0.00	0.00	0.00	1.33	3.42	1.89	0.60	0.00	0.00	0.00	0.00	1.90	4.39
2170	2.00	0.77	0.00	0.00	0.00	0.00	1.76	4.53	2.50	0.79	0.00	0.00	0.00	0.00	2.51	5.80
2175	2.99	1.15	0.00	0.00	0.00	0.00	2.63	6.77	3.73	1.18	0.00	0.00	0.00	0.00	3.75	8.66
2180	3.41	1.31	0.00	0.00	0.00	0.00	3.00	7.72	4.26	1.34	0.00	0.00	0.00	0.00	4.28	9.88
2185	4.13	1.59	0.00	0.00	0.00	0.00	3.63	9.35	5.16	1.63	0.00	0.00	0.00	0.00	5.19	11.98
2190	5.01	1.93	0.00	0.00	0.00	0.00	4.41	11.35	6.27	1.98	0.00	0.00	0.00	0.00	6.30	14.55
2195	6.08	2.35	0.00	0.00	0.00	0.00	5.35	13.78	7.61	2.40	0.00	0.00	0.00	0.00	7.65	17.66
2200	7.06	2.72	0.00	0.00	0.00	0.00	6.21	15.99	8.82	2.79	0.00	0.00	0.00	0.00	8.87	20.48
2210	0.23	0.06	0.24	0.06	0.00	0.00	0.37	0.96								
2215	0.23	0.06	0.24	0.06	0.00	0.00	0.36	0.95								
2220	0.41	0.11	0.32	0.08	0.00	0.00	0.66	1.58								
2225	0.32	0.09	0.40	0.10	0.00	0.00	0.52	1.43								
2230	0.41	0.11	0.49	0.12	0.00	0.00	0.66	1.79								
2235	0.18	0.05	0.32	0.08	0.00	0.00	0.29	0.92								
2240	0.25	0.07	0.57	0.14	0.00	0.00	0.41	1.44								
2245	0.25	0.07	0.40	0.10	0.00	0.00	0.41	1.23								
2250	0.26	0.07	0.24	0.06	0.00	0.00	0.41	1.04								
2255	0.30	0.08	0.24	0.06	0.00	0.00	0.49	1.17								
2260	0.31	0.08	0.32	0.08	0.00	0.00	0.51	1.30								
2265	0.16	0.04	0.32	0.08	0.00	0.00	0.25	0.85								
2270	0.22	0.06	0.32	0.08	0.00	0.00	0.36	1.04								
2275	0.43	0.12	0.17	0.04	0.00	0.00	0.69	1.45								
2280	0.59	0.16	0.40	0.10	0.00	0.00	0.96	2.21								
2285	0.75	0.20	0.17	0.04	0.00	0.00	1.21	2.37								
2290	1.11	0.30	0.24	0.06	0.00	0.00	1.80	3.51								
2295	1.12	0.30	0.17	0.04	0.00	0.00	1.80	3.43								
2300	1.29	0.35	0.14	0.03	0.00	0.00	2.08	3.89								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
2305	1.77	0.48	0.28	0.07	0.00	0.00	2.86	5.46								
2310	2.22	0.60	0.45	0.11	0.00	0.00	3.58	6.96								
2315	0.46	0.13	0.73	0.17	0.00	0.00	0.75	2.24								
2320	0.49	0.13	0.24	0.06	0.00	0.00	0.79	1.71								
2325	1.65	0.45	0.38	0.09	0.00	0.00	2.66	5.23								
2330	1.51	0.41	0.28	0.07	0.00	0.00	2.43	4.70								
2335	1.69	0.46	0.28	0.07	0.00	0.00	2.73	5.23								
2350	7.79	2.11	1.11	0.31	0.00	0.00	8.47	19.79								
2365	0.24	0.07	0.32	0.10	0.00	0.00	0.26	0.99								
2375	0.61	0.17	0.51	0.16	0.00	0.00	0.67	2.12								
2390	0.20	0.05	0.44	0.14	0.00	0.00	0.22	1.05								
2395	0.78	0.21	1.01	0.32	0.00	0.00	0.85	3.17								
2400	1.01	0.27	1.01	0.32	0.00	0.00	1.10	3.71								
2410	0.07	0.02	0.07	0.03	0.02	0.00	0.09	0.30								
2415	0.14	0.04	0.27	0.13	0.02	0.00	0.16	0.76								
2420	0.08	0.03	0.07	0.03	0.02	0.00	0.09	0.32								
2425	0.28	0.08	0.40	0.20	0.02	0.00	0.31	1.29								
2430	0.29	0.08	0.44	0.14	0.02	0.00	0.32	1.29								
2435	0.21	0.06	0.44	0.14	0.02	0.00	0.23	1.10								
2450	10.96	4.66	3.56	1.00	0.00	0.00	13.28	33.46								
2455	20.85	8.88	5.22	1.46	0.00	0.00	25.27	61.68								
2460	36.97	15.73	6.27	1.76	0.00	0.00	44.81	105.54								
2465	42.57	18.12	10.03	2.81	0.00	0.00	51.60	125.13								
2475	2.22	0.95	3.82	1.22	0.00	0.00	2.70	10.91								
2480	4.01	1.71	3.82	1.22	0.00	0.00	4.86	15.62								
2485	9.06	3.85	2.68	0.75	0.00	0.00	10.98	27.32								
2490	12.34	5.25	3.64	1.02	0.00	0.00	14.95	37.20								
2495	16.86	7.18	5.39	1.51	0.00	0.00	20.44	51.38								
2500	31.39	13.36	8.15	2.28	0.00	0.00	38.04	93.22								
2505	44.94	19.13	10.78	3.02	0.00	0.00	54.47	132.34								
2510	10.17	4.33	2.51	0.70	0.00	0.00	12.32	30.03								
2525	2.66	0.86	0.44	0.12	0.07	0.01	3.06	7.22								
2530	3.04	0.98	0.74	0.21	0.07	0.01	3.50	8.55								
2535	0.87	0.28	0.00	0.19	0.04	0.01	1.00	2.39								
2540	1.72	0.55	0.00	0.31	0.04	0.01	1.97	4.60								
2565	5.94	1.89	4.07	1.14	0.02	0.00	6.83	19.89								
2570	15.59	4.99	10.70	3.00	0.27	0.04	17.93	52.52								
2580	4.90	1.56	2.48	0.69	0.02	0.00	5.63	15.28								
2585	7.59	2.44	5.62	1.57	0.15	0.02	8.74	26.13								
2590	7.80	2.50	5.62	1.57	0.15	0.02	8.98	26.64								
2595	10.42	3.32	6.54	1.83	0.07	0.01	11.97	34.16								
2600	13.39	4.26	11.09	3.10	0.07	0.01	15.39	47.31								
2605	15.91	5.15	8.92	2.50	0.66	0.10	18.33	51.57								
2610	23.01	7.40	8.92	2.50	0.68	0.10	26.49	69.10								
2615	28.22	9.09	12.18	3.41	0.93	0.14	32.49	86.46								
2630	0.17	0.06	0.65	0.21	0.00	0.00	0.21	1.30								
2635	0.21	0.07	0.97	0.31	0.00	0.00	0.26	1.82								
2640	0.21	0.07	1.13	0.36	0.00	0.00	0.25	2.02								
2645	0.47	0.16	1.13	0.36	0.00	0.00	0.57	2.69								
2650	0.59	0.21	1.46	0.47	0.00	0.00	0.72	3.45								
2655	0.67	0.23	2.43	0.78	0.00	0.00	0.82	4.93								
2660	0.98	0.34	2.83	0.91	0.00	0.00	1.20	6.26								
2665	1.31	0.46	5.26	1.68	0.00	0.00	1.61	10.32								
2675	1.08	0.38	0.81	0.26	0.00	0.00	1.32	3.85								
2680	1.19	0.42	2.83	0.91	0.00	0.00	1.46	6.81								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
2685	0.13	0.04	0.65	0.21	0.00	0.00	0.15	1.18								
2690	0.19	0.07	0.89	0.29	0.00	0.00	0.23	1.67								
2695	0.20	0.07	0.40	0.13	0.00	0.00	0.25	1.05								
2700	0.59	0.21	1.46	0.47	0.00	0.00	0.72	3.45								
2705	0.78	0.27	2.83	0.91	0.00	0.00	0.95	5.74								
2710	1.31	0.46	5.26	1.68	0.00	0.00	1.60	10.31								
2730	16.37	9.23	2.26	0.45	0.00	0.00	16.91	45.22	18.88	9.32	2.86	0.57	0.00	0.00	21.95	53.58
2735	16.47	9.28	1.81	0.36	0.00	0.00	13.83	41.75	19.00	9.38	2.33	0.47	0.00	0.00	17.18	48.36
2745	17.95	10.12	1.81	0.36	0.00	0.00	15.07	45.31	20.71	10.22	2.33	0.47	0.00	0.00	18.72	52.45
2755	18.73	10.56	1.98	0.40	0.00	0.00	15.72	47.39	21.61	10.66	2.56	0.51	0.00	0.00	19.54	54.88
2765	22.38	12.62	3.33	0.67	0.00	0.00	23.12	62.12	25.82	12.74	4.21	0.84	0.00	0.00	30.02	73.63
2770	21.91	12.35	2.66	0.53	0.00	0.00	18.39	55.84	25.28	12.47	3.44	0.69	0.00	0.00	22.85	64.73
2780	19.34	12.94	2.66	0.59	0.00	0.00	18.74	54.27	21.76	13.03	3.44	0.76	0.00	0.00	22.48	61.47
2790	23.69	15.85	2.66	0.59	0.00	0.00	22.94	65.73	26.65	15.96	3.44	0.76	0.00	0.00	27.53	74.34
2800	32.30	21.61	4.55	1.00	0.00	0.00	31.29	90.75	36.34	21.76	5.87	1.29	0.00	0.00	37.55	102.81
2810	33.74	22.57	4.55	1.00	0.00	0.00	32.68	94.54	37.96	22.73	5.87	1.29	0.00	0.00	39.22	107.07
2815	32.49	21.74	5.68	1.25	0.00	0.00	37.77	98.93	36.55	21.89	7.20	1.58	0.00	0.00	47.21	114.43
2825	36.53	24.44	4.55	1.00	0.00	0.00	35.38	101.90	41.10	24.61	5.87	1.29	0.00	0.00	42.46	115.33
2835	34.55	25.55	4.55	1.09	0.00	0.00	37.93	103.67	38.39	25.69	5.87	1.41	0.00	0.00	44.63	115.99
2845	36.29	26.83	4.55	1.09	0.00	0.00	39.84	108.60	40.32	26.98	5.87	1.41	0.00	0.00	46.87	121.45
2865	11.92	5.88	1.33	0.43	0.00	0.00	8.47	28.03	14.09	5.96	1.72	0.55	0.00	0.00	10.92	33.24
2875	13.49	6.66	1.74	0.56	0.00	0.00	9.58	32.03	15.94	6.75	2.25	0.72	0.00	0.00	12.35	38.01
2885	13.18	7.43	1.77	0.35	0.00	0.00	11.06	33.79	15.21	7.51	2.29	0.46	0.00	0.00	13.75	39.22
2900	12.41	7.00	1.74	0.35	0.00	0.00	10.42	31.92	14.32	7.07	2.25	0.45	0.00	0.00	12.94	37.03
2910	15.42	8.69	1.74	0.35	0.00	0.00	12.94	39.14	17.79	8.78	2.25	0.45	0.00	0.00	16.08	45.35
2920	16.31	10.91	2.82	0.62	0.00	0.00	15.80	46.46	18.35	10.99	3.64	0.80	0.00	0.00	18.96	52.74
2930	19.34	12.94	3.29	0.72	0.00	0.00	18.73	55.02	21.76	13.03	4.26	0.94	0.00	0.00	22.48	62.47
2940	24.01	16.07	3.29	0.72	0.00	0.00	23.26	67.35	27.02	16.18	4.26	0.94	0.00	0.00	27.91	76.31
2950	28.03	18.75	3.88	0.85	0.00	0.00	27.15	78.66	31.53	18.88	5.01	1.10	0.00	0.00	32.58	89.10
2960	34.28	22.94	3.88	0.85	0.00	0.00	33.20	95.15	38.57	23.10	5.01	1.10	0.00	0.00	39.85	107.63
2970	42.17	31.18	7.13	1.71	0.00	0.00	46.29	128.48	46.86	31.35	9.21	2.21	0.00	0.00	54.46	144.09
2980	53.35	39.44	7.13	1.71	0.00	0.00	58.57	160.20	59.28	39.66	9.21	2.21	0.00	0.00	68.90	179.26
2990	87.75	64.87	9.50	2.28	0.00	0.00	96.33	260.73	97.50	65.23	12.28	2.95	0.00	0.00	113.32	291.28
3000	105.04	77.66	9.50	2.28	0.00	0.00	115.31	309.79	116.71	78.09	12.28	2.95	0.00	0.00	135.66	345.69
3015	23.20	15.52	5.68	1.25	0.00	0.00	26.97	72.62	26.10	15.63	7.20	1.58	0.00	0.00	33.71	84.22
3020	25.52	17.07	4.55	1.00	0.00	0.00	24.72	72.86	28.71	17.19	5.87	1.29	0.00	0.00	29.66	82.72
3030	30.15	20.17	4.75	1.05	0.00	0.00	29.20	85.32	33.92	20.31	6.14	1.35	0.00	0.00	35.04	96.76
3040	39.05	26.13	7.13	1.57	0.00	0.00	45.39	119.27	43.93	26.31	9.03	1.99	0.00	0.00	56.73	137.99
3045	37.75	27.91	5.70	1.37	0.00	0.00	41.44	114.17	41.94	28.06	7.37	1.77	0.00	0.00	48.75	127.89
3055	55.82	41.27	10.85	2.60	0.00	0.00	61.27	171.81	62.02	41.49	14.02	3.36	0.00	0.00	72.08	192.97
3060	55.24	40.84	13.56	3.26	0.00	0.00	71.34	184.24	61.38	41.07	17.18	4.12	0.00	0.00	87.19	210.94
3075	18.01	8.25	3.76	1.20	0.00	0.00	16.28	47.50	21.61	8.39	4.77	1.52	0.00	0.00	22.32	58.61
3080	13.14	7.41	3.01	0.60	0.00	0.00	11.03	35.19	15.16	7.48	3.89	0.78	0.00	0.00	13.71	41.02
3090	15.06	8.49	3.76	0.75	0.00	0.00	15.56	43.62	17.37	8.57	4.77	0.95	0.00	0.00	20.19	51.85
3095	13.73	7.74	3.01	0.60	0.00	0.00	11.52	36.60	15.84	7.82	3.89	0.78	0.00	0.00	14.32	42.65
3105	17.43	9.83	4.71	0.94	0.00	0.00	18.01	50.92	20.11	9.92	5.97	1.19	0.00	0.00	23.38	60.57
3110	17.34	9.78	3.77	0.75	0.00	0.00	14.56	46.20	20.01	9.88	4.87	0.97	0.00	0.00	18.09	53.82
3120	21.62	12.19	4.71	0.94	0.00	0.00	22.34	61.80	24.95	12.31	5.97	1.19	0.00	0.00	28.99	73.41
3125	17.69	11.84	3.77	0.83	0.00	0.00	17.14	51.27	19.90	11.92	4.87	1.07	0.00	0.00	20.56	58.32
3135	19.79	13.24	4.71	1.04	0.00	0.00	23.01	61.79	22.27	13.34	5.97	1.31	0.00	0.00	28.76	71.65
3140	20.47	13.70	3.77	0.83	0.00	0.00	19.83	58.60	23.03	13.79	4.87	1.07	0.00	0.00	23.80	66.56
3150	34.47	15.80	6.08	1.34	0.00	0.00	40.07	97.76	41.37	16.06	7.98	1.76	0.00	0.00	53.43	120.60
3155	23.76	13.39	5.21	1.04	0.00	0.00	24.55	67.95	27.41	13.53	6.60	1.32	0.00	0.00	31.86	80.72
3160	23.37	13.17	4.17	0.83	0.00	0.00	19.62	61.16	26.96	13.31	5.38	1.08	0.00	0.00	24.37	71.10
3170	21.79	14.58	6.02	1.32	0.00	0.00	25.32	69.03	24.51	14.68	7.62	1.68	0.00	0.00	31.65	80.14

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
3175	21.46	14.36	4.82	1.06	0.00	0.00	20.79	62.49	24.15	14.46	6.22	1.37	0.00	0.00	24.95	71.15
3185	54.81	25.12	8.27	1.82	0.00	0.00	63.71	153.73	65.77	25.53	10.87	2.39	0.00	0.00	84.95	189.51
3190	31.37	20.99	7.09	1.56	0.00	0.00	36.46	97.47	35.29	21.13	8.98	1.98	0.00	0.00	45.58	112.96
3195	32.68	21.86	5.67	1.25	0.00	0.00	31.65	93.11	36.76	22.02	7.32	1.61	0.00	0.00	37.98	105.69
3205	30.44	22.51	9.03	2.17	0.00	0.00	39.32	103.47	33.82	22.63	11.44	2.74	0.00	0.00	48.05	118.68
3210	35.40	23.69	7.22	1.59	0.00	0.00	34.29	102.19	39.83	23.85	9.33	2.05	0.00	0.00	41.15	116.21
3220	29.63	19.83	8.32	1.83	0.00	0.00	28.70	88.31	33.34	19.96	10.74	2.36	0.00	0.00	34.44	100.84
3235	9.59	4.40	1.84	0.59	0.00	0.00	8.67	25.09	11.51	4.47	2.33	0.75	0.00	0.00	11.89	30.95
3240	8.96	4.42	1.47	0.47	0.00	0.00	6.36	21.68	10.59	4.48	1.90	0.61	0.00	0.00	8.21	25.79
3255	17.16	9.67	2.57	0.51	0.00	0.00	17.73	47.64	19.80	9.77	3.26	0.65	0.00	0.00	23.01	56.49
3260	15.34	10.27	2.06	0.45	0.00	0.00	14.86	42.98	17.26	10.34	2.66	0.59	0.00	0.00	17.84	48.69
3275	22.24	14.88	3.72	0.82	0.00	0.00	25.85	67.51	25.02	14.98	4.72	1.04	0.00	0.00	32.31	78.07
3280	24.71	16.53	2.98	0.66	0.00	0.00	23.93	68.81	27.80	16.65	3.85	0.85	0.00	0.00	28.72	77.87
3290	23.90	15.99	5.15	1.13	0.00	0.00	27.78	73.95	26.88	16.10	6.52	1.43	0.00	0.00	34.72	85.65
3295	25.23	16.88	4.12	0.91	0.00	0.00	24.44	71.58	28.38	17.00	5.32	1.17	0.00	0.00	29.32	81.19
3305	31.08	20.80	5.15	1.13	0.00	0.00	36.13	94.29	34.97	20.94	6.52	1.43	0.00	0.00	45.16	109.02
3310	30.67	22.68	4.12	0.99	0.00	0.00	33.67	92.13	34.08	22.80	5.32	1.28	0.00	0.00	39.61	103.09
3320	43.89	32.45	5.20	1.25	0.00	0.00	48.18	130.97	48.77	32.63	6.71	1.61	0.00	0.00	56.69	146.41
3335	2.75	1.68	1.61	0.48	0.20	0.03	2.49	9.24								
3340	3.52	2.15	2.43	0.73	0.26	0.04	3.20	12.33								
3350	6.00	3.74	3.26	0.98	0.94	0.14	5.46	20.52								
3355	6.39	3.97	2.88	0.87	0.94	0.14	5.81	21.00								
3360	7.18	4.49	2.88	0.87	1.23	0.18	6.54	23.37								
3365	7.61	4.75	2.88	0.87	1.23	0.18	6.93	24.45								
3370	7.88	4.91	2.88	0.87	1.27	0.19	7.17	25.17								
3375	10.51	6.54	3.91	1.17	1.12	0.17	9.56	32.98								
3380	10.85	6.79	3.91	1.17	1.86	0.28	9.88	34.74								
3385	11.18	6.98	4.01	1.20	1.86	0.28	10.17	35.68								
3390	14.44	9.07	4.97	1.49	2.71	0.41	13.15	46.24								
3395	17.11	10.80	4.97	1.49	3.56	0.53	15.60	54.06								
3400	21.20	13.30	5.22	1.56	3.83	0.58	19.31	65.00								
3405	27.54	17.37	7.02	2.11	5.64	0.85	25.11	85.64								
3410	51.39	32.41	12.84	3.85	10.47	1.57	46.85	159.38								
3420	6.22	3.86	2.86	0.86	0.88	0.13	5.66	20.47								
3425	7.12	4.40	3.03	0.91	0.88	0.13	6.47	22.94								
3430	7.45	4.61	3.03	0.91	0.94	0.14	6.77	23.85								
3435	7.71	4.80	3.03	0.91	1.22	0.18	7.01	24.86								
3440	8.21	5.11	3.03	0.91	1.22	0.18	7.47	26.13								
3445	8.47	5.26	3.03	0.91	1.22	0.18	7.71	26.78								
3450	10.19	6.37	4.51	1.35	1.73	0.26	9.27	33.68								
3460	7.27	4.50	3.21	0.96	0.95	0.14	6.60	23.63								
3465	7.34	4.55	3.21	0.96	0.95	0.14	6.67	23.82								
3470	7.80	4.82	3.21	0.96	0.95	0.14	7.09	24.97								
3475	7.84	4.85	3.21	0.96	0.95	0.14	7.13	25.08								
3480	9.69	5.99	3.89	1.17	1.22	0.18	8.81	30.95								
3485	9.99	6.17	3.89	1.17	1.22	0.18	9.07	31.69								
3490	10.33	6.38	3.89	1.17	1.22	0.18	9.39	32.56								
3495	13.65	8.60	5.07	1.52	2.71	0.41	12.44	44.40								
3500	14.07	8.90	5.07	1.52	3.03	0.45	12.83	45.87								
3505	14.61	9.22	5.07	1.52	3.03	0.45	13.33	47.23								
3510	18.69	11.79	5.89	1.77	3.83	0.58	17.04	59.59								
3520	5.36	3.28	2.96	0.89	0.45	0.07	4.86	17.87								
3525	5.53	3.40	2.96	0.89	0.55	0.08	5.02	18.43								
3530	5.77	3.54	2.96	0.89	0.55	0.08	5.23	19.02								
3535	6.60	4.10	2.96	0.89	0.95	0.14	6.00	21.64								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
3540	7.26	4.50	4.41	1.32	0.95	0.14	6.60	25.18								
3545	11.86	7.52	4.41	1.32	2.71	0.41	10.82	39.05								
3550	14.80	9.29	4.72	1.41	2.71	0.41	13.48	46.82								
3555	16.52	10.49	5.32	1.60	3.83	0.58	15.07	53.41								
3570	10.07	6.86	4.59	1.19	0.67	0.10	7.82	31.30	11.33	6.91	6.04	1.57	0.82	0.12	9.54	36.33
3575	12.18	8.34	5.14	1.34	1.06	0.16	9.47	37.69	13.70	8.40	6.76	1.76	1.30	0.19	11.54	43.65
3580	14.14	9.66	5.34	1.39	1.08	0.16	11.00	42.77	15.91	9.73	7.03	1.83	1.32	0.20	13.40	49.42
3585	16.70	11.38	6.30	1.64	1.13	0.17	12.98	50.30	18.78	11.46	8.28	2.15	1.37	0.21	15.81	58.06
3590	16.73	12.72	6.97	1.81	1.96	0.29	15.19	55.67	18.59	12.79	9.17	2.39	2.44	0.37	18.08	63.83
3595	19.29	14.60	6.18	1.61	1.85	0.28	17.50	61.31	21.43	14.68	7.91	2.06	2.28	0.34	20.84	69.54
3600	27.70	23.00	6.74	1.75	3.19	0.48	28.73	91.59	30.47	23.10	8.60	2.24	3.94	0.59	33.58	102.52
3605	32.85	27.17	7.05	1.83	3.19	0.48	34.06	106.63	36.13	27.29	8.96	2.33	3.94	0.59	39.80	119.04
3615	10.76	6.19	5.02	1.81	0.66	0.10	6.97	31.51	12.42	6.25	6.60	2.38	0.82	0.12	8.85	37.44
3620	11.15	6.41	5.64	2.03	0.66	0.10	7.22	33.21	12.87	6.47	7.42	2.67	0.82	0.12	9.17	39.54
3625	9.64	6.57	5.64	1.47	0.66	0.10	7.50	31.58	10.85	6.62	7.42	1.93	0.82	0.12	9.13	36.89
3630	10.17	6.92	5.64	1.47	0.66	0.10	7.90	32.86	11.44	6.97	7.42	1.93	0.82	0.12	9.63	38.33
3635	11.82	8.10	5.97	1.55	1.02	0.15	9.19	37.80	13.30	8.15	7.85	2.04	1.25	0.19	11.20	43.98
3640	14.84	10.12	5.97	1.55	1.05	0.16	11.54	45.23	16.70	10.19	7.85	2.04	1.27	0.19	14.06	52.30
3650	10.77	6.19	5.27	1.90	0.67	0.10	6.97	31.87	12.42	6.26	6.93	2.49	0.83	0.12	8.85	37.90
3655	9.57	6.52	5.27	1.37	0.67	0.10	7.44	30.94	10.77	6.57	6.93	1.80	0.83	0.12	9.06	36.08
3660	9.84	6.71	5.27	1.37	0.67	0.10	7.65	31.61	11.07	6.75	6.93	1.80	0.83	0.12	9.32	36.82
3665	12.65	8.68	5.64	1.47	1.23	0.19	9.84	39.70	14.23	8.75	7.42	1.93	1.54	0.23	12.00	46.10
3670	13.47	9.23	5.64	1.47	1.23	0.19	10.48	41.71	15.15	9.30	7.42	1.93	1.54	0.23	12.77	48.34
3675	13.96	9.56	5.64	1.47	1.23	0.19	10.86	42.91	15.71	9.63	7.42	1.93	1.54	0.23	13.23	49.69
3680	14.87	11.25	8.40	2.18	1.44	0.22	13.49	51.85	16.52	11.31	11.05	2.87	1.79	0.27	16.06	59.87
3690	11.36	6.51	5.84	2.10	0.59	0.09	7.36	33.85	13.11	6.58	7.69	2.77	0.72	0.11	9.34	40.32
3695	11.99	8.21	6.12	1.59	1.03	0.15	9.32	38.41	13.49	8.27	8.05	2.09	1.26	0.19	11.36	44.71
3700	12.98	8.87	5.97	1.55	1.03	0.15	10.09	40.64	14.60	8.93	7.85	2.04	1.26	0.19	12.30	47.17
3705	14.57	11.08	8.08	2.10	1.73	0.26	13.23	51.05	16.19	11.14	10.63	2.76	2.14	0.32	15.75	58.93
3720	19.82	13.60	4.18	1.09	1.85	0.28	15.42	56.24	22.30	13.69	5.31	1.38	2.28	0.34	18.79	64.09
3725	18.18	13.78	4.18	1.09	1.85	0.28	16.50	55.86	20.20	13.85	5.31	1.38	2.28	0.34	19.65	63.01
3730	22.47	16.95	6.60	1.72	1.85	0.28	20.38	70.25	24.97	17.04	8.49	2.21	2.28	0.34	24.26	79.59
3735	24.09	18.22	7.25	1.89	2.25	0.34	21.86	75.90	26.77	18.32	9.26	2.41	2.78	0.42	26.02	85.98
3740	31.60	25.99	8.63	2.24	2.25	0.34	32.73	103.78	34.76	26.11	11.07	2.88	2.78	0.42	38.26	116.28
3745	44.18	36.61	9.45	2.46	4.66	0.70	45.82	143.88	48.60	36.77	12.03	3.13	5.75	0.86	53.55	160.69
3755	12.74	8.74	3.18	0.83	1.16	0.17	9.91	36.73	14.34	8.80	4.03	1.05	1.43	0.21	12.08	41.94
3760	16.82	11.59	4.06	1.06	1.85	0.28	13.10	48.76	18.92	11.67	5.15	1.34	2.28	0.34	15.96	55.66
3765	18.64	14.12	5.87	1.53	1.85	0.28	16.92	59.21	20.72	14.20	7.47	1.94	2.28	0.34	20.14	67.09
3770	21.86	16.53	5.87	1.53	2.02	0.30	19.83	67.94	24.29	16.62	7.47	1.94	2.49	0.37	23.61	76.79
3775	24.47	20.21	6.02	1.57	2.25	0.34	25.36	80.22	26.91	20.30	7.67	1.99	2.78	0.42	29.64	89.71
3780	37.78	31.19	10.28	2.67	3.37	0.51	39.15*	124.95	41.56	31.33	13.16	3.42	4.17	0.62	45.76	140.02
3790	20.35	15.45	6.74	1.75	2.25	0.34	18.47	65.35	22.61	15.54	8.65	2.25	2.78	0.42	21.99	74.24
3795	22.19	16.82	6.91	1.80	2.25	0.34	20.14	70.45	24.66	16.91	8.85	2.30	2.78	0.42	23.98	79.90
3800	22.62	18.71	6.91	1.80	2.25	0.34	23.45	76.08	24.88	18.80	8.85	2.30	2.78	0.42	27.40	85.43
3805	27.76	22.95	7.24	1.88	2.57	0.39	28.78	91.57	30.54	23.05	9.27	2.41	3.14	0.47	33.64	102.52
3815	16.19	12.21	5.34	1.39	1.34	0.20	14.68	51.35	17.99	12.28	6.75	1.76	1.65	0.25	17.48	58.16
3820	21.76	16.49	5.92	1.54	2.25	0.34	19.75	68.05	24.18	16.59	7.51	1.95	2.78	0.42	23.51	76.94
3825	26.10	21.54	7.18	1.87	2.25	0.34	27.05	86.33	28.71	21.64	9.16	2.38	2.78	0.42	31.62	96.71
3830	55.68	45.70	11.59	3.01	3.47	0.52	57.66	177.63	61.25	45.91	14.88	3.87	4.28	0.64	67.39	198.22
3850	12.71	9.43	3.70	7.15	0.00	0.00	14.01	47.00								
3860	0.54	0.40	0.00	0.00	0.00	0.00	0.59	1.53								
3865	2.03	1.50	0.00	0.00	0.00	0.00	2.23	5.76								
3875	15.97	11.85	6.48	8.54	0.00	0.00	17.60	60.44								
3885	0.54	0.40	0.00	0.00	0.00	0.00	0.59	1.53								
3890	2.03	1.50	0.00	0.00	0.00	0.00	2.23	5.76								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
3900	19.52	14.49	6.48	8.54	0.00	0.00	21.52	70.55								
3910	0.68	0.50	0.00	0.00	0.00	0.00	0.75	1.93								
3915	2.06	1.53	0.00	0.00	0.00	0.00	2.27	5.86								
3925	22.59	16.76	10.19	10.39	0.00	0.00	24.90	84.83								
3935	0.72	0.53	0.00	0.00	0.00	0.00	0.79	2.04								
3940	3.99	2.96	0.00	0.00	0.00	0.00	4.40	11.35								
3950	23.83	17.68	10.19	10.39	0.00	0.00	26.27	88.36								
3960	0.68	0.50	0.00	0.00	0.00	0.00	0.75	1.93								
3965	4.21	3.12	0.00	0.00	0.00	0.00	4.64	11.97								
3980	5.26	2.22	0.00	0.79	0.00	0.00	6.26	14.53								
3985	5.56	2.35	0.00	0.79	0.00	0.00	6.62	15.32								
3990	5.78	2.45	0.00	0.79	0.00	0.00	6.88	15.90								
3995	6.55	2.77	0.00	0.84	0.00	0.00	7.80	17.96								
4000	6.85	2.90	0.00	0.84	0.00	0.00	8.16	18.75								
4005	7.07	2.99	0.00	0.84	0.00	0.00	8.42	19.32								
4010	17.32	7.33	6.92	3.42	0.00	0.00	20.63	55.62								
4015	12.85	5.44	5.70	4.04	0.00	0.00	15.31	43.34								
4025	6.24	2.64	0.00	0.79	0.00	0.00	7.43	17.10								
4030	6.80	2.88	0.00	0.84	0.00	0.00	8.10	18.62								
4035	9.38	3.97	3.10	0.74	0.00	0.00	11.17	28.36								
4045	3.57	1.51	0.00	0.49	0.00	0.00	4.26	9.83								
4050	5.45	2.31	0.00	0.80	0.00	0.00	6.50	15.06								
4055	6.41	2.72	0.00	0.80	0.00	0.00	7.64	17.57								
4060	7.93	3.36	0.00	0.90	0.00	0.00	9.44	21.63								
4065	17.10	7.24	5.12	1.23	0.00	0.00	20.37	51.06								
4080	0.16	0.07	0.08	0.23	0.00	0.00	0.19	0.73								
4085	0.20	0.08	0.15	0.32	0.00	0.00	0.24	0.99								
4090	0.32	0.13	0.23	0.40	0.00	0.00	0.38	1.46								
4095	0.73	0.31	0.84	1.37	0.00	0.00	0.87	4.12								
4105	0.26	0.11	0.23	0.30	0.00	0.00	0.32	1.22								
4110	0.28	0.12	0.00	0.40	0.00	0.00	0.34	1.14								
4125	2.80	1.18	1.36	0.33	0.00	0.00	3.33	9.00								
4130	1.94	0.82	0.62	0.15	0.00	0.00	2.31	5.84								
4135	3.34	1.41	1.49	0.36	0.00	0.00	3.98	10.58								
4150	1.41	0.60	1.30	0.21	0.00	0.00	1.68	5.20								
4155	2.18	0.92	1.52	0.36	0.00	0.00	2.60	7.58								
4170	8.74	5.39	4.06	1.54	0.00	0.00	10.41	30.14								
4175	12.09	7.45	7.75	2.95	0.00	0.00	14.40	44.64								
4180	19.05	11.74	10.08	3.83	0.00	0.00	22.69	67.39								
4185	28.62	23.17	41.63	20.81	0.00	0.00	17.04	131.27								
4190	35.30	28.58	45.49	22.74	0.00	0.00	21.02	153.13								
4200	12.97	8.00	6.51	2.48	0.00	0.00	15.45	45.41								
4205	16.83	10.53	9.43	3.58	1.39	0.21	20.10	62.07								
4210	15.70	9.79	13.49	5.13	0.99	0.15	18.75	64.00								
4220	17.25	10.78	11.62	4.42	1.25	0.19	20.60	66.11								
4225	25.04	15.67	10.39	3.95	1.99	0.30	29.92	87.26								
4230	28.37	17.73	10.86	4.13	1.99	0.30	33.89	97.27								
4235	20.90	12.89	12.72	4.83	0.00	0.00	24.90	76.24								
4240	24.25	14.95	12.72	4.83	0.00	0.00	28.89	85.64								
4245	25.15	20.37	16.25	5.20	0.00	0.00	29.96	96.93								
4250	46.30	37.49	86.69	43.34	0.00	0.00	27.58	241.40								
4270	1.34	0.58	1.11	0.50	0.06	0.01	1.28	4.88								
4275	1.35	0.59	1.11	0.50	0.06	0.01	1.29	4.91								
4280	1.42	0.62	1.11	0.50	0.08	0.01	1.36	5.10								
4285	1.90	0.83	1.98	0.89	0.09	0.01	1.82	7.52								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
4290	1.94	0.85	1.98	0.89	0.09	0.01	1.85	7.61								
4295	2.14	0.93	2.90	1.31	0.09	0.01	2.04	9.42								
4300	2.65	1.16	3.27	1.47	0.14	0.02	2.54	11.25								
4305	2.79	1.22	3.27	1.47	0.12	0.02	2.67	11.56								
4310	2.92	1.27	3.27	1.47	0.09	0.01	2.79	11.82								
4315	1.34	0.58	2.17	0.52	0.03	0.00	1.28	5.92								
4320	1.66	0.73	2.82	0.68	0.12	0.02	1.59	7.62								
4325	1.65	0.75	2.82	0.68	0.22	0.03	1.59	7.74								
4330	2.35	1.04	3.70	0.89	0.15	0.02	2.25	10.40								
4335	2.38	1.05	3.70	0.89	0.15	0.02	2.28	10.47								
4340	2.48	1.09	3.70	0.89	0.15	0.02	2.37	10.70								
4345	3.64	1.60	1.66	0.40	0.23	0.03	3.48	11.04								
4350	3.92	1.72	1.76	0.42	0.23	0.03	3.75	11.83								
4355	5.10	2.28	3.13	0.75	0.50	0.07	4.90	16.73								
4360	5.67	2.52	3.13	0.75	0.50	0.07	5.45	18.09								
4365	5.97	2.65	3.13	0.75	0.50	0.08	5.73	18.81								
4370	6.39	2.86	3.13	0.75	0.65	0.10	6.14	20.02								
4375	2.35	1.05	1.71	0.41	0.21	0.03	2.26	8.02								
4380	2.41	1.07	1.71	0.41	0.21	0.03	2.31	8.15								
4385	2.91	1.28	1.71	0.41	0.21	0.03	2.79	9.34								
4390	2.94	1.33	1.71	0.41	0.39	0.06	2.83	9.67								
4400	1.25	0.56	3.70	0.89	0.14	0.02	1.21	7.77								
4405	1.83	0.81	4.70	1.13	0.15	0.02	1.76	10.40								
4410	3.67	1.60	6.81	1.64	0.19	0.03	3.51	17.45								
4415	4.89	2.19	7.46	1.79	0.51	0.08	4.70	21.62								
4420	5.75	2.56	7.46	1.79	0.51	0.08	5.53	23.68								
4425	5.73	2.56	7.46	1.79	0.59	0.09	5.51	23.73								
4430	6.27	2.78	7.46	1.79	0.50	0.08	6.01	24.89								
4435	12.91	5.72	11.16	2.68	1.04	0.16	12.40	46.07								
4455	1.82	0.58	3.71	0.89	0.00	0.00	1.42	8.42	2.08	0.59	4.88	1.17	0.00	0.00	1.89	10.61
4460	2.38	0.76	4.69	1.13	0.00	0.00	1.86	10.82	2.72	0.77	6.17	1.48	0.00	0.00	2.48	13.62
4465	2.57	0.82	5.52	1.32	0.00	0.00	2.01	12.24	2.94	0.83	7.26	1.74	0.00	0.00	2.67	15.44
4470	2.76	0.88	7.27	1.75	0.00	0.00	2.15	14.81	3.15	0.89	9.57	2.30	0.00	0.00	2.87	18.78
4475	3.16	1.00	9.28	2.23	0.00	0.00	2.46	18.13	3.61	1.02	12.21	2.93	0.00	0.00	3.28	23.05
4480	3.75	1.19	9.28	2.23	0.00	0.00	2.92	19.37	4.28	1.21	12.21	2.93	0.00	0.00	3.90	24.53
4485	4.18	1.33	11.29	2.71	0.00	0.00	3.26	22.77	4.78	1.35	14.85	3.56	0.00	0.00	4.35	28.89
4490	5.05	1.61	12.54	3.01	0.00	0.00	3.95	26.16	5.77	1.64	16.50	3.96	0.00	0.00	5.26	33.13
4495	6.86	2.19	16.30	3.91	0.00	0.00	5.36	34.62	7.84	2.22	21.45	5.15	0.00	0.00	7.14	43.80
4500	9.15	2.91	21.19	5.09	0.00	0.00	7.14	45.48	10.45	2.96	27.88	6.69	0.00	0.00	9.52	57.50
4505	12.44	3.96	31.35	7.52	0.00	0.00	9.71	64.98	14.22	4.03	41.25	9.90	0.00	0.00	12.95	82.35
4510	16.34	5.20	36.37	8.73	0.00	0.00	12.76	79.40	18.68	5.29	47.85	11.48	0.00	0.00	17.01	100.31
4520	0.09	0.03	0.29	0.07	0.00	0.00	0.07	0.55	0.10	0.03	0.38	0.09	0.00	0.00	0.09	0.69
4525	0.14	0.04	0.47	0.11	0.00	0.00	0.11	0.87	0.16	0.05	0.61	0.15	0.00	0.00	0.15	1.12
4530	0.18	0.06	0.70	0.17	0.00	0.00	0.14	1.25	0.21	0.06	0.92	0.22	0.00	0.00	0.19	1.60
4545	0.16	0.05	0.35	0.08	0.00	0.00	0.13	0.77	0.18	0.05	0.46	0.11	0.00	0.00	0.17	0.97
4550	0.36	0.12	0.82	0.20	0.00	0.00	0.28	1.78	0.42	0.12	1.07	0.26	0.00	0.00	0.38	2.25
4555	0.40	0.13	1.17	0.28	0.00	0.00	0.31	2.29	0.46	0.13	1.53	0.37	0.00	0.00	0.41	2.90
4560	0.42	0.13	0.15	0.04	0.00	0.00	0.33	1.07	0.48	0.14	0.20	0.05	0.00	0.00	0.44	1.31
4565	0.56	0.18	0.30	0.07	0.00	0.00	0.44	1.55	0.64	0.18	0.40	0.10	0.00	0.00	0.58	1.90
4570	0.81	0.26	0.55	0.13	0.00	0.00	0.63	2.38	0.92	0.26	0.73	0.17	0.00	0.00	0.84	2.92
4575	0.83	0.26	0.68	0.16	0.00	0.00	0.65	2.58	0.94	0.27	0.89	0.21	0.00	0.00	0.86	3.17
4580	1.23	0.39	1.58	0.38	0.00	0.00	0.96	4.54	1.40	0.40	2.08	0.50	0.00	0.00	1.28	5.66
4585	1.62	0.52	2.18	0.52	0.00	0.00	1.27	6.11	1.85	0.52	2.87	0.69	0.00	0.00	1.69	7.62
4590	1.86	0.59	2.56	0.61	0.00	0.00	1.45	7.07	2.13	0.60	3.37	0.81	0.00	0.00	1.94	8.85
4595	2.22	0.71	4.06	0.98	0.00	0.00	1.73	9.70	2.53	0.72	5.35	1.28	0.00	0.00	2.31	12.19

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
4600	2.32	0.74	4.06	0.98	0.00	0.00	1.81	9.91	2.65	0.75	5.35	1.28	0.00	0.00	2.42	12.45
4605	2.69	0.86	5.27	1.26	0.00	0.00	2.10	12.18	3.07	0.87	6.93	1.66	0.00	0.00	2.80	15.33
4610	3.18	1.01	6.92	1.66	0.00	0.00	2.49	15.26	3.64	1.03	9.11	2.19	0.00	0.00	3.32	19.29
4620	0.10	0.03	0.29	0.07	0.00	0.00	0.08	0.57	0.11	0.03	0.38	0.09	0.00	0.00	0.10	0.71
4625	0.11	0.03	0.41	0.10	0.00	0.00	0.09	0.74	0.13	0.04	0.54	0.13	0.00	0.00	0.11	0.95
4630	0.15	0.05	0.47	0.11	0.00	0.00	0.12	0.90	0.18	0.05	0.61	0.15	0.00	0.00	0.16	1.15
4635	0.19	0.06	0.59	0.14	0.00	0.00	0.15	1.13	0.22	0.06	0.77	0.18	0.00	0.00	0.20	1.43
4640	0.20	0.07	0.94	0.23	0.00	0.00	0.16	1.60	0.23	0.07	1.22	0.29	0.00	0.00	0.21	2.02
4645	0.19	0.06	0.94	0.23	0.00	0.00	0.15	1.57	0.22	0.06	1.22	0.29	0.00	0.00	0.20	1.99
4660	6.29	3.68	2.89	0.98	0.45	0.07	5.81	20.17	7.55	3.73	3.79	1.29	0.61	0.09	8.13	25.19
4665	7.19	4.20	3.12	1.06	0.45	0.07	6.63	22.72	8.62	4.25	4.10	1.39	0.61	0.09	9.28	28.34
4670	7.88	4.60	3.12	1.06	0.50	0.07	7.27	24.50	9.45	4.66	4.10	1.39	0.67	0.10	10.18	30.55
4675	7.90	4.63	3.46	1.18	0.58	0.09	7.30	25.14	9.48	4.69	4.55	1.55	0.78	0.12	10.22	31.39
4680	11.10	6.60	4.16	1.41	1.26	0.19	10.29	35.01	13.32	6.68	5.46	1.86	1.71	0.26	14.41	43.70
4685	16.05	9.58	5.77	1.96	1.97	0.30	14.90	50.53	19.27	9.70	7.59	2.58	2.67	0.40	20.86	63.07
4695	6.17	3.63	3.12	1.06	0.55	0.08	5.70	20.31	7.40	3.68	4.10	1.39	0.74	0.11	7.98	25.40
4700	7.39	4.35	3.51	1.19	0.63	0.09	6.83	23.99	8.86	4.40	4.61	1.57	0.85	0.13	9.56	29.98
4705	7.61	4.48	4.16	1.41	0.63	0.09	7.04	25.42	9.14	4.53	5.46	1.86	0.85	0.13	9.85	31.82
4710	8.38	4.92	4.85	1.65	0.63	0.09	7.75	28.27	10.06	4.98	6.38	2.17	0.85	0.13	10.84	35.41
4715	5.79	3.42	3.12	1.06	0.55	0.08	5.36	19.38	6.94	3.46	4.10	1.39	0.74	0.11	7.50	24.24
4720	6.40	3.79	3.51	1.19	0.63	0.09	5.93	21.54	7.69	3.84	4.61	1.57	0.85	0.13	8.30	26.99
4725	6.94	4.09	4.16	1.41	0.63	0.09	6.42	23.74	8.32	4.14	5.46	1.86	0.85	0.13	8.99	29.75
4730	7.89	4.64	4.85	1.65	0.63	0.09	7.29	27.04	9.47	4.70	6.38	2.17	0.85	0.13	10.21	33.91
4735	8.82	5.30	4.85	1.65	1.26	0.19	8.20	30.27	10.58	5.37	6.38	2.17	1.71	0.26	11.48	37.95
4745	3.47	2.03	1.57	0.53	0.25	0.04	3.21	11.10	4.17	2.06	2.06	0.70	0.34	0.05	4.49	13.87
4750	5.38	3.18	3.00	1.02	0.50	0.07	4.98	18.13	6.46	3.22	3.95	1.34	0.67	0.10	6.97	22.71
4755	5.77	3.42	3.35	1.14	0.58	0.09	5.35	19.70	6.93	3.46	4.40	1.50	0.78	0.12	7.49	24.68
4760	6.10	3.66	3.70	1.26	0.84	0.13	5.67	21.36	7.32	3.70	4.86	1.65	1.14	0.17	7.93	26.77
4770	6.17	3.61	2.89	0.98	0.45	0.07	5.69	19.86	7.40	3.66	3.79	1.29	0.61	0.09	7.97	24.81
4775	6.71	3.93	3.35	1.14	0.45	0.07	6.20	21.85	8.06	3.98	4.40	1.50	0.61	0.09	8.68	27.32
4780	7.08	4.14	3.35	1.14	0.50	0.07	6.54	22.82	8.50	4.20	4.40	1.50	0.67	0.10	9.15	28.52
4785	7.92	4.64	4.04	1.37	0.58	0.09	7.31	25.95	9.50	4.70	5.31	1.81	0.78	0.12	10.24	32.46
4790	8.22	4.81	4.55	1.55	0.58	0.09	7.59	27.39	9.86	4.87	5.98	2.03	0.78	0.12	10.63	34.27
4795	9.20	5.38	4.55	1.55	0.63	0.09	8.50	29.90	11.05	5.45	5.98	2.03	0.85	0.13	11.90	37.39
4805	5.05	2.97	1.96	0.67	0.45	0.07	4.67	15.84	6.05	3.01	2.58	0.88	0.61	0.09	6.54	19.76
4810	6.25	3.66	2.89	0.98	0.45	0.07	5.77	20.07	7.50	3.71	3.79	1.29	0.61	0.09	8.08	25.07
4815	7.38	4.32	2.89	0.98	0.55	0.08	6.81	23.01	8.85	4.38	3.79	1.29	0.74	0.11	9.54	28.70
4820	7.15	4.20	3.46	1.18	0.55	0.08	6.61	23.23	8.59	4.25	4.55	1.55	0.74	0.11	9.25	29.04
4825	8.34	4.87	3.46	1.18	0.55	0.08	7.70	26.18	10.01	4.94	4.55	1.55	0.74	0.11	10.77	32.67
4835	5.88	3.47	3.00	1.02	0.55	0.08	5.45	19.45	7.06	3.52	3.95	1.34	0.74	0.11	7.62	24.34
4840	7.03	4.14	3.35	1.14	0.63	0.09	6.51	22.89	8.44	4.20	4.40	1.50	0.85	0.13	9.11	28.63
4845	9.61	5.75	4.62	1.57	1.26	0.19	8.93	31.93	11.54	5.83	6.07	2.06	1.71	0.26	12.50	39.97
4850	15.40	9.20	6.47	2.20	1.97	0.30	14.31	49.85	18.48	9.32	8.50	2.89	2.67	0.40	20.03	62.29
4860	5.84	3.46	2.59	0.88	0.62	0.09	5.41	18.89	7.01	3.51	3.40	1.16	0.84	0.13	7.57	23.62
4865	6.78	4.01	3.51	1.19	0.68	0.10	6.28	22.55	8.13	4.06	4.61	1.57	0.92	0.14	8.79	28.22
4870	7.49	4.42	3.93	1.34	0.68	0.10	6.93	24.89	8.99	4.48	5.16	1.75	0.92	0.14	9.71	31.15
4885	0.48	0.21	0.00	0.10	0.00	0.00	0.53	1.32								
4890	0.77	0.33	0.00	0.19	0.00	0.00	0.84	2.13								
4895	0.94	0.40	0.00	0.30	0.00	0.00	1.02	2.66								
4900	2.42	1.03	0.00	0.41	0.00	0.00	2.64	6.50								
4910	5.84	2.50	2.51	0.60	0.00	0.00	6.36	17.81								
4915	7.90	3.37	2.51	0.60	0.00	0.00	8.59	22.97								
4920	12.14	5.18	3.26	0.78	0.00	0.00	13.21	34.57								
4925	13.53	5.78	3.76	0.90	0.00	0.00	14.72	38.69								
4940	12.00	4.65	3.35	1.27	0.00	0.00	12.41	33.68	16.00	4.80	4.40	1.67	0.00	0.00	18.91	45.78

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
4945	12.34	5.29	3.83	0.77	0.00	0.00	13.60	35.83	15.42	5.40	5.04	1.01	0.00	0.00	19.12	45.99
4950	14.71	6.31	4.83	0.97	0.00	0.00	16.22	43.04	18.39	6.44	6.35	1.27	0.00	0.00	22.80	55.25
4955	22.67	9.72	6.05	1.21	0.00	0.00	24.99	64.64	28.33	9.93	7.95	1.59	0.00	0.00	35.14	82.94
4960	31.71	14.53	7.53	1.66	0.00	0.00	36.86	92.29	38.05	14.77	9.90	2.18	0.00	0.00	49.14	114.04
4970	19.40	8.32	5.43	1.09	0.00	0.00	21.38	55.62	24.25	8.50	7.13	1.43	0.00	0.00	30.07	71.38
4975	23.39	10.03	7.11	1.42	0.00	0.00	25.78	67.73	29.24	10.24	9.35	1.87	0.00	0.00	36.26	86.96
4980	43.39	19.89	14.23	3.13	0.00	0.00	50.44	131.08	52.07	20.21	18.70	4.11	0.00	0.00	67.25	162.34
4995	7.12	2.76	2.63	1.00	0.00	0.00	7.36	20.87	9.50	2.85	3.46	1.32	0.00	0.00	11.22	28.35
5000	9.29	3.60	3.53	1.34	0.00	0.00	9.60	27.36	12.39	3.71	4.65	1.77	0.00	0.00	14.63	37.15
5005	10.08	4.32	4.57	0.91	0.00	0.00	11.11	30.99	12.60	4.41	6.01	1.20	0.00	0.00	15.62	39.84
5015	6.21	2.41	1.64	0.62	0.00	0.00	6.42	17.30	8.28	2.48	2.16	0.82	0.00	0.00	9.78	23.52
5020	7.80	3.02	2.17	0.83	0.00	0.00	8.06	21.88	10.40	3.12	2.85	1.08	0.00	0.00	12.29	29.74
5025	8.94	3.46	2.36	0.90	0.00	0.00	9.24	24.90	11.91	3.57	3.10	1.18	0.00	0.00	14.08	33.84
5030	11.14	4.32	2.43	0.92	0.00	0.00	11.52	30.33	14.86	4.46	3.19	1.21	0.00	0.00	17.55	41.27
5035	12.91	5.53	3.12	0.62	0.00	0.00	14.23	36.41	16.14	5.65	4.10	0.82	0.00	0.00	20.01	46.72
5040	24.24	10.39	4.97	0.99	0.00	0.00	26.72	67.31	30.31	10.62	6.53	1.31	0.00	0.00	37.58	86.35
5045	32.41	14.86	7.51	1.65	0.00	0.00	37.67	94.10	38.89	15.10	9.87	2.17	0.00	0.00	50.23	116.26
5055	10.01	3.88	1.99	0.75	0.00	0.00	10.35	26.98	13.35	4.00	2.61	0.99	0.00	0.00	15.77	36.72
5060	11.41	4.42	2.43	0.92	0.00	0.00	11.79	30.97	15.21	4.56	3.19	1.21	0.00	0.00	17.96	42.13
5065	13.17	5.65	3.51	0.70	0.00	0.00	14.52	37.55	16.47	5.77	4.61	0.92	0.00	0.00	20.42	48.19
5070	20.49	8.78	5.61	1.12	0.00	0.00	22.58	58.58	25.61	8.97	7.38	1.48	0.00	0.00	31.76	75.20
5080	15.84	6.14	3.35	1.27	0.00	0.00	16.38	42.98	21.13	6.33	4.40	1.67	0.00	0.00	24.96	58.49
5085	18.87	7.31	3.35	1.27	0.00	0.00	19.50	50.30	25.15	7.54	4.40	1.67	0.00	0.00	29.71	68.47
5090	21.84	9.36	6.28	1.26	0.00	0.00	24.08	62.82	27.30	9.57	8.26	1.65	0.00	0.00	33.86	80.64
5100	9.22	3.95	2.66	0.53	0.00	0.00	10.17	26.53	11.53	4.04	3.49	0.70	0.00	0.00	14.30	34.06
5105	14.42	6.18	3.63	0.73	0.00	0.00	15.90	40.86	18.03	6.32	4.77	0.95	0.00	0.00	22.35	52.42
5110	22.10	9.47	6.24	1.25	0.00	0.00	24.36	63.42	27.62	9.68	8.20	1.64	0.00	0.00	34.26	81.40
5115	28.45	13.04	11.00	2.42	0.00	0.00	33.07	87.98	34.15	13.25	14.45	3.18	0.00	0.00	44.10	109.13
5120	32.91	17.40	12.47	2.99	0.00	0.00	46.76	112.53	38.40	17.60	16.39	3.93	0.00	0.00	59.51	135.83
5125	58.13	30.73	18.48	4.44	0.00	0.00	82.58	194.36	67.82	31.09	24.29	5.83	0.00	0.00	105.10	234.13
5135	9.88	3.83	3.12	1.19	0.00	0.00	10.21	28.23	13.18	3.95	4.10	1.56	0.00	0.00	15.57	38.36
5140	11.99	4.65	3.70	1.40	0.00	0.00	12.39	34.13	15.98	4.79	4.86	1.85	0.00	0.00	18.88	46.36
5145	12.10	5.19	4.16	0.83	0.00	0.00	13.34	35.62	15.13	5.30	5.46	1.09	0.00	0.00	18.76	45.74
5150	18.68	8.01	5.89	1.18	0.00	0.00	20.59	54.35	23.35	8.18	7.74	1.55	0.00	0.00	28.95	69.77
5155	21.80	9.35	6.70	1.34	0.00	0.00	24.03	63.22	27.25	9.55	8.80	1.76	0.00	0.00	33.79	81.15
5160	27.24	12.49	9.24	2.03	0.00	0.00	31.66	82.66	32.69	12.69	12.14	2.67	0.00	0.00	42.22	102.41
5170	7.04	2.73	1.73	0.66	0.00	0.00	7.28	19.44	9.39	2.82	2.28	0.87	0.00	0.00	11.09	26.45
5175	10.09	3.91	2.89	1.10	0.00	0.00	10.43	28.42	13.46	4.04	3.79	1.44	0.00	0.00	15.90	38.63
5180	13.06	5.06	3.58	1.36	0.00	0.00	13.50	36.56	17.42	5.22	4.71	1.79	0.00	0.00	20.57	49.71
5185	13.71	5.88	4.16	0.83	0.00	0.00	15.11	39.69	17.14	6.01	5.46	1.09	0.00	0.00	21.25	50.95
5190	20.81	8.92	6.01	1.20	0.00	0.00	22.94	59.88	26.01	9.11	7.89	1.58	0.00	0.00	32.26	76.85
5200	3.93	1.52	1.06	0.40	0.00	0.00	4.06	10.97	5.24	1.57	1.40	0.53	0.00	0.00	6.19	14.93
5205	4.98	1.93	1.48	0.56	0.00	0.00	5.15	14.10	6.65	1.99	1.94	0.74	0.00	0.00	7.85	19.17
5210	6.76	2.62	1.71	0.65	0.00	0.00	6.98	18.72	9.01	2.70	2.25	0.85	0.00	0.00	10.64	25.45
5215	8.51	3.30	2.15	0.82	0.00	0.00	8.79	23.57	11.34	3.40	2.82	1.07	0.00	0.00	13.40	32.03
5220	9.69	4.15	2.82	0.56	0.00	0.00	10.68	27.90	12.11	4.24	3.70	0.74	0.00	0.00	15.02	35.81
5225	12.69	5.44	3.74	0.75	0.00	0.00	13.98	36.60	15.86	5.56	4.92	0.98	0.00	0.00	19.66	46.98
5230	22.16	9.50	5.94	1.19	0.00	0.00	24.42	63.21	27.70	9.70	7.80	1.56	0.00	0.00	34.35	81.11
5235	32.66	14.97	7.67	1.69	0.00	0.00	37.96	94.95	39.19	15.21	10.08	2.22	0.00	0.00	50.61	117.31
5240	40.59	18.60	9.70	2.13	0.00	0.00	47.18	118.20	48.70	18.90	12.75	2.81	0.00	0.00	62.90	146.06
5245	45.21	20.72	10.72	2.36	0.00	0.00	52.55	131.56	54.25	21.06	14.09	3.10	0.00	0.00	70.06	162.56
5250	56.40	29.81	15.34	3.68	0.00	0.00	80.12	185.35	65.80	30.16	20.16	4.84	0.00	0.00	101.97	222.93
5255	65.84	34.81	19.22	4.61	0.00	0.00	93.54	218.02	76.82	35.21	25.26	6.06	0.00	0.00	119.05	262.40
5265	8.11	3.14	1.89	0.72	0.00	0.00	8.38	22.24	10.81	3.24	2.49	0.95	0.00	0.00	12.77	30.26
5270	9.65	3.74	2.29	0.87	0.00	0.00	9.97	26.52	12.86	3.86	3.01	1.14	0.00	0.00	15.20	36.07

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
5275	10.94	4.69	2.73	0.55	0.00	0.00	12.06	30.97	13.68	4.79	3.58	0.72	0.00	0.00	16.96	39.73
5280	13.93	5.97	3.42	0.68	0.00	0.00	15.35	39.35	17.41	6.10	4.49	0.90	0.00	0.00	21.59	50.49
5285	16.82	7.21	4.55	0.91	0.00	0.00	18.54	48.03	21.02	7.37	5.98	1.20	0.00	0.00	26.07	61.64
5290	35.92	16.47	9.33	2.05	0.00	0.00	41.75	105.52	43.10	16.73	12.27	2.70	0.00	0.00	55.67	130.47
5300	12.38	5.31	3.51	0.70	0.00	0.00	13.65	35.55	15.47	5.42	4.61	0.92	0.00	0.00	19.19	45.61
5305	20.00	8.57	5.27	1.05	0.00	0.00	22.04	56.93	25.00	8.76	6.92	1.38	0.00	0.00	31.00	73.06
5310	24.75	10.61	7.02	1.40	0.00	0.00	27.28	71.06	30.94	10.84	9.23	1.85	0.00	0.00	38.37	91.23
5325	4.20	2.47	1.78	0.64	0.53	0.08	2.73	12.43	4.84	2.49	2.34	0.84	0.64	0.10	3.46	14.71
5330	5.30	3.09	2.36	0.85	0.53	0.08	3.44	15.65	6.12	3.12	3.10	1.12	0.64	0.10	4.37	18.57
5335	5.97	3.46	2.56	0.92	0.53	0.08	3.87	17.39	6.88	3.50	3.37	1.21	0.64	0.10	4.91	20.61
5340	6.43	4.40	3.11	0.81	0.53	0.08	5.00	20.36	7.23	4.43	4.09	1.06	0.64	0.10	6.09	23.64
5350	7.28	4.17	3.13	1.13	0.37	0.06	4.71	20.85	8.40	4.21	4.12	1.48	0.45	0.07	5.98	24.71
5355	7.82	4.52	4.25	1.53	0.61	0.09	5.07	23.89	9.03	4.57	5.43	1.96	0.75	0.11	6.44	28.29
5360	10.63	6.10	5.51	2.02	0.56	0.08	6.88	31.78	12.26	6.16	7.21	2.65	0.69	0.10	8.74	37.81
5365	12.88	7.40	4.78	1.72	0.76	0.11	8.34	35.99	14.87	7.47	6.12	2.20	0.95	0.14	10.59	42.34
5370	14.04	9.58	8.53	2.22	1.02	0.15	10.91	46.45	15.79	9.64	10.96	2.85	1.26	0.19	13.30	53.99
5385	1.31	0.57	0.00	0.40	0.00	0.00	1.54	3.82	1.64	0.59	0.00	0.40	0.00	0.00	2.17	4.80
5390	1.58	0.69	0.00	0.30	0.00	0.00	1.85	4.42	1.98	0.71	0.00	0.30	0.00	0.00	2.61	5.60
5395	1.78	0.78	0.00	0.30	0.00	0.00	2.08	4.94	2.22	0.79	0.00	0.30	0.00	0.00	2.93	6.24
5400	0.85	0.37	0.00	0.25	0.00	0.00	1.00	2.47	1.07	0.38	0.00	0.25	0.00	0.00	1.41	3.11
5405	1.46	0.64	0.00	0.30	0.00	0.00	1.71	4.11	1.82	0.65	0.00	0.30	0.00	0.00	2.41	5.18
5410	2.31	1.01	0.00	0.40	0.00	0.00	2.70	6.42	2.88	1.03	0.00	0.40	0.00	0.00	3.80	8.11
5415	1.83	0.80	0.00	0.50	0.00	0.00	2.14	5.27	2.28	0.82	0.00	0.50	0.00	0.00	3.01	6.61
5420	1.43	0.63	0.00	0.30	0.00	0.00	1.68	4.04	1.79	0.64	0.00	0.30	0.00	0.00	2.36	5.09
5435	1.79	0.32	1.66	0.40	0.04	0.01	1.37	5.59								
5440	2.08	0.38	1.80	0.43	0.04	0.01	1.60	6.34								
5445	2.33	0.42	0.99	0.24	0.04	0.01	1.79	5.82								
5450	2.11	0.38	0.68	0.16	0.04	0.01	1.62	5.00								
5455	2.28	0.41	0.87	0.21	0.04	0.01	1.75	5.57								
5460	2.07	0.37	3.17	0.76	0.04	0.01	1.59	8.01								
5470	0.14	0.02	0.29	0.07	0.00	0.00	0.11	0.63								
5475	0.22	0.05	0.50	0.12	0.04	0.01	0.17	1.11								
5480	0.31	0.06	0.79	0.19	0.04	0.01	0.24	1.64								
5485	0.49	0.09	0.79	0.19	0.04	0.01	0.38	1.99								
5490	1.36	0.25	1.23	0.29	0.03	0.01	1.05	4.22								
5495	2.25	0.41	0.53	0.13	0.04	0.01	1.73	5.10								
5500	1.92	0.35	1.44	0.35	0.04	0.01	1.48	5.59								
5505	2.63	0.47	1.95	0.47	0.04	0.01	2.02	7.59								
5510	2.80	0.50	0.68	0.16	0.04	0.01	2.15	6.34								
5525	1.27	0.51	0.49	0.12	0.07	0.01	2.81	5.28								
5535	0.91	0.37	0.46	0.11	0.07	0.01	2.02	3.95								
5540	0.78	0.32	0.33	0.08	0.07	0.01	1.74	3.33								
5545	0.99	0.40	1.07	0.26	0.07	0.01	2.20	5.00								
5550	1.15	0.46	0.49	0.12	0.07	0.01	2.54	4.84								
5560	1.00	0.40	0.20	0.05	0.07	0.01	2.21	3.94								
5565	1.34	0.53	0.40	0.10	0.07	0.01	2.94	5.39								
5570	1.58	0.63	0.49	0.12	0.07	0.01	3.48	6.38								
5585	2.51	1.14	0.70	0.20	0.84	0.13	3.11	8.63	3.14	1.17	0.92	0.26	1.31	0.20	4.33	11.33
5595	0.58	0.25	0.00	0.00	0.00	0.00	0.71	1.54	0.72	0.25	0.00	0.00	0.00	0.00	0.98	1.95
5600	0.78	0.33	0.08	0.02	0.00	0.00	0.95	2.16	0.97	0.34	0.10	0.03	0.00	0.00	1.32	2.76
5605	0.11	0.05	0.00	0.00	0.00	0.00	0.14	0.30	0.14	0.05	0.00	0.00	0.00	0.00	0.19	0.38
5610	0.56	0.24	0.00	0.00	0.00	0.00	0.69	1.49	0.71	0.25	0.00	0.00	0.00	0.00	0.96	1.92
5615	0.33	0.14	0.00	0.00	0.00	0.00	0.41	0.88	0.41	0.14	0.00	0.00	0.00	0.00	0.56	1.11
5620	0.49	0.21	0.00	0.00	0.00	0.00	0.60	1.30	0.62	0.22	0.00	0.00	0.00	0.00	0.84	1.68
5625	0.72	0.31	0.00	0.00	0.00	0.00	0.88	1.91	0.89	0.31	0.00	0.00	0.00	0.00	1.22	2.42

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
5630	0.10	0.04	0.00	0.00	0.00	0.00	0.12	0.26	0.12	0.04	0.00	0.00	0.00	0.00	0.17	0.33
5635	2.77	1.27	1.05	0.29	1.02	0.15	3.44	9.99	3.46	1.29	1.39	0.39	1.61	0.24	4.78	13.16
5645	0.68	0.29	0.00	0.00	0.00	0.00	0.83	1.80	0.85	0.30	0.00	0.00	0.00	0.00	1.15	2.30
5650	0.83	0.35	0.08	0.02	0.00	0.00	1.02	2.30	1.04	0.36	0.10	0.03	0.00	0.00	1.41	2.94
5655	0.11	0.05	0.00	0.00	0.00	0.00	0.14	0.30	0.14	0.05	0.00	0.00	0.00	0.00	0.19	0.38
5660	0.56	0.24	0.00	0.00	0.00	0.00	0.69	1.49	0.71	0.25	0.00	0.00	0.00	0.00	0.96	1.92
5665	0.42	0.18	0.00	0.00	0.00	0.00	0.51	1.11	0.52	0.18	0.00	0.00	0.00	0.00	0.71	1.41
5670	0.58	0.25	0.00	0.00	0.00	0.00	0.72	1.55	0.73	0.25	0.00	0.00	0.00	0.00	0.99	1.97
5675	0.80	0.34	0.00	0.00	0.00	0.00	0.98	2.12	1.00	0.35	0.00	0.00	0.00	0.00	1.37	2.72
5680	0.10	0.04	0.00	0.00	0.00	0.00	0.12	0.26	0.12	0.04	0.00	0.00	0.00	0.00	0.17	0.33
5685	3.11	1.44	1.40	0.39	1.36	0.20	3.87	11.77	3.88	1.47	1.85	0.52	2.13	0.32	5.37	15.54
5695	0.72	0.31	0.00	0.00	0.00	0.00	0.88	1.91	0.89	0.31	0.00	0.00	0.00	0.00	1.22	2.42
5700	0.90	0.38	0.13	0.04	0.00	0.00	1.10	2.55	1.12	0.39	0.16	0.05	0.00	0.00	1.52	3.24
5705	0.11	0.05	0.00	0.00	0.00	0.00	0.14	0.30	0.14	0.05	0.00	0.00	0.00	0.00	0.19	0.38
5710	0.56	0.24	0.00	0.00	0.00	0.00	0.69	1.49	0.71	0.25	0.00	0.00	0.00	0.00	0.96	1.92
5715	0.46	0.20	0.00	0.00	0.00	0.00	0.57	1.23	0.58	0.20	0.00	0.00	0.00	0.00	0.79	1.57
5720	0.65	0.28	0.00	0.00	0.00	0.00	0.80	1.73	0.82	0.29	0.00	0.00	0.00	0.00	1.11	2.22
5725	0.97	0.42	0.00	0.00	0.00	0.00	1.19	2.58	1.22	0.42	0.00	0.00	0.00	0.00	1.65	3.29
5730	0.10	0.04	0.00	0.00	0.00	0.00	0.12	0.26	0.12	0.04	0.00	0.00	0.00	0.00	0.17	0.33
5735	4.02	1.87	2.11	0.59	1.88	0.28	5.01	15.76	5.02	1.91	2.77	0.78	2.96	0.44	6.96	20.84
5745	0.88	0.38	0.00	0.00	0.00	0.00	1.08	2.34	1.10	0.38	0.00	0.00	0.00	0.00	1.50	2.98
5750	1.15	0.49	0.13	0.04	0.00	0.00	1.41	3.22	1.44	0.50	0.16	0.05	0.00	0.00	1.96	4.11
5755	0.11	0.05	0.00	0.00	0.00	0.00	0.14	0.30	0.14	0.05	0.00	0.00	0.00	0.00	0.19	0.38
5760	0.56	0.24	0.00	0.00	0.00	0.00	0.69	1.49	0.71	0.25	0.00	0.00	0.00	0.00	0.96	1.92
5765	0.60	0.26	0.00	0.00	0.00	0.00	0.74	1.60	0.75	0.26	0.00	0.00	0.00	0.00	1.03	2.04
5770	0.77	0.33	0.00	0.00	0.00	0.00	0.94	2.04	0.96	0.34	0.00	0.00	0.00	0.00	1.31	2.61
5775	0.10	0.04	0.00	0.00	0.00	0.00	0.12	0.26	0.12	0.04	0.00	0.00	0.00	0.00	0.17	0.33
5780	7.20	3.21	3.21	0.90	1.45	0.22	8.89	25.08	9.00	3.28	4.22	1.18	2.23	0.33	12.35	32.59
5790	1.08	0.46	0.00	0.00	0.00	0.00	1.32	2.86	1.35	0.47	0.00	0.00	0.00	0.00	1.84	3.66
5795	0.11	0.05	0.00	0.00	0.00	0.00	0.14	0.30	0.14	0.05	0.00	0.00	0.00	0.00	0.19	0.38
5800	0.57	0.24	0.00	0.00	0.00	0.00	0.70	1.51	0.71	0.25	0.00	0.00	0.00	0.00	0.97	1.93
5805	0.88	0.37	0.00	0.00	0.00	0.00	1.07	2.32	1.10	0.38	0.00	0.00	0.00	0.00	1.49	2.97
5810	1.29	0.55	0.00	0.00	0.00	0.00	1.58	3.42	1.61	0.56	0.00	0.00	0.00	0.00	2.19	4.36
5815	1.82	0.78	0.00	0.00	0.00	0.00	2.22	4.82	2.27	0.79	0.00	0.00	0.00	0.00	3.09	6.15
5820	0.10	0.04	0.00	0.00	0.00	0.00	0.12	0.26	0.12	0.04	0.00	0.00	0.00	0.00	0.17	0.33
5825	12.87	5.91	3.13	0.88	5.39	0.81	16.01	45.00	16.09	6.04	4.12	1.15	8.54	1.28	22.23	59.45
5830	14.41	6.58	4.64	1.30	5.50	0.82	17.89	51.14	18.01	6.72	6.10	1.71	8.72	1.31	24.85	67.42
5835	14.59	6.79	4.64	1.30	7.60	1.14	18.20	54.26	18.24	6.94	6.10	1.71	12.14	1.82	25.28	72.23
5840	16.80	7.82	7.27	2.04	8.99	1.35	20.95	65.22	20.99	7.99	9.57	2.68	14.38	2.16	29.10	86.87
5845	16.14	7.31	4.64	1.30	5.39	0.81	20.01	55.60	20.17	7.47	6.10	1.71	8.54	1.28	27.79	73.06
5850	17.09	7.72	4.64	1.30	5.50	0.82	21.18	58.25	21.36	7.89	6.10	1.71	8.72	1.31	29.42	76.51
5855	19.21	8.76	7.27	2.04	7.60	1.14	23.85	69.87	24.01	8.95	9.57	2.68	12.14	1.82	33.13	92.30
5860	21.18	9.70	7.27	2.04	8.99	1.35	26.33	76.86	26.48	9.91	9.57	2.68	14.38	2.16	36.56	101.74
5870	1.31	0.56	0.00	0.00	0.00	0.00	1.60	3.47	1.63	0.57	0.00	0.00	0.00	0.00	2.22	4.42
5875	1.72	0.73	0.00	0.00	0.00	0.00	2.11	4.56	2.15	0.75	0.00	0.00	0.00	0.00	2.92	5.82
5880	1.97	0.84	0.00	0.00	0.00	0.00	2.41	5.22	2.46	0.86	0.00	0.00	0.00	0.00	3.35	6.67
5885	1.98	0.84	0.00	0.00	0.00	0.00	2.42	5.24	2.47	0.86	0.00	0.00	0.00	0.00	3.36	6.69
5900	4.78	2.09	1.70	0.65	0.00	0.00	8.75	17.97	5.97	2.13	2.25	0.85	0.00	0.00	11.38	22.58
5905	5.25	2.30	2.11	0.80	0.00	0.00	9.62	20.08	6.56	2.35	2.78	1.06	0.00	0.00	12.51	25.26
5910	7.07	3.09	2.98	1.13	0.00	0.00	12.95	27.22	8.83	3.16	3.92	1.49	0.00	0.00	16.84	34.24
5915	8.28	3.62	3.79	1.44	0.00	0.00	15.19	32.32	10.36	3.70	4.99	1.90	0.00	0.00	19.74	40.69
5925	3.36	1.47	1.76	0.67	0.00	0.00	6.17	13.43	4.20	1.50	2.32	0.88	0.00	0.00	8.01	16.91
5930	3.72	1.63	1.76	0.67	0.00	0.00	6.82	14.60	4.65	1.66	2.32	0.88	0.00	0.00	8.86	18.37
5935	6.28	2.75	2.16	0.82	0.00	0.00	11.51	23.52	7.85	2.80	2.85	1.08	0.00	0.00	14.96	29.54
5940	6.45	2.82	2.16	0.82	0.00	0.00	11.82	24.07	8.06	2.88	2.85	1.08	0.00	0.00	15.36	30.23

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS								SEVERE CONDITIONS							
	DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
5945	7.95	3.48	2.98	1.13	0.00	0.00	14.57	30.11	9.94	3.55	3.92	1.49	0.00	0.00	18.95	37.85
5950	8.20	3.59	2.98	1.13	0.00	0.00	15.03	30.93	10.25	3.66	3.92	1.49	0.00	0.00	19.54	38.86
5955	10.47	4.58	4.06	1.54	0.00	0.00	19.20	39.85	13.09	4.68	5.35	2.03	0.00	0.00	24.96	50.11
5960	10.74	4.70	4.06	1.54	0.00	0.00	19.69	40.73	13.42	4.80	5.35	2.03	0.00	0.00	25.59	51.19
5965	15.57	6.81	5.68	2.16	0.00	0.00	28.55	58.77	19.47	6.96	7.48	2.84	0.00	0.00	37.11	73.86
5970	15.98	6.99	5.68	2.16	0.00	0.00	29.29	60.10	19.98	7.14	7.48	2.84	0.00	0.00	38.08	75.52
5980	3.63	1.59	1.70	0.65	0.00	0.00	6.66	14.23	4.54	1.62	2.25	0.85	0.00	0.00	8.65	17.91
5985	4.40	1.93	2.11	0.80	0.00	0.00	8.07	17.31	5.50	1.97	2.78	1.06	0.00	0.00	10.49	21.80
5990	5.12	2.24	2.35	0.89	0.00	0.00	9.39	19.99	6.40	2.29	3.10	1.18	0.00	0.00	12.20	25.17
5995	6.87	3.01	3.30	1.25	0.00	0.00	12.59	27.02	8.59	3.07	4.35	1.65	0.00	0.00	16.37	34.03
6000	9.20	4.02	4.06	1.54	0.00	0.00	16.86	35.68	11.50	4.11	5.35	2.03	0.00	0.00	21.92	44.91
6005	13.30	5.82	6.03	2.29	0.00	0.00	24.38	51.82	16.63	5.94	7.95	3.02	0.00	0.00	31.70	65.24
6015	4.02	1.76	1.76	0.67	0.00	0.00	7.37	15.58	5.02	1.80	2.32	0.88	0.00	0.00	9.58	19.60
6020	5.13	2.24	2.11	0.80	0.00	0.00	9.40	19.68	6.41	2.29	2.78	1.06	0.00	0.00	12.22	24.76
6025	8.02	3.51	3.52	1.34	0.00	0.00	14.69	31.08	10.02	3.58	4.63	1.76	0.00	0.00	19.10	39.09
6030	11.84	5.18	5.14	1.95	0.00	0.00	21.70	45.81	14.79	5.29	6.77	2.57	0.00	0.00	28.20	57.62
6040	2.95	1.29	1.14	0.43	0.00	0.00	5.42	11.23	3.69	1.32	1.50	0.57	0.00	0.00	7.04	14.12
6045	3.86	1.69	1.89	0.72	0.00	0.00	7.08	15.24	4.83	1.73	2.49	0.95	0.00	0.00	9.20	19.20
6050	4.79	2.10	2.11	0.80	0.00	0.00	8.79	18.59	5.99	2.14	2.78	1.06	0.00	0.00	11.43	23.40
6055	7.07	3.09	3.25	1.23	0.00	0.00	12.96	27.60	8.84	3.16	4.28	1.63	0.00	0.00	16.85	34.76
6060	8.25	3.61	3.79	1.44	0.00	0.00	15.12	32.21	10.31	3.69	4.99	1.90	0.00	0.00	19.66	40.55
6065	12.35	5.40	5.41	2.06	0.00	0.00	22.64	47.86	15.44	5.52	7.13	2.71	0.00	0.00	29.44	60.24
6075	3.60	1.58	1.79	0.68	0.00	0.00	6.60	14.25	4.50	1.61	2.35	0.89	0.00	0.00	8.58	17.93
6080	5.14	2.25	2.44	0.93	0.00	0.00	9.43	20.19	6.43	2.30	3.21	1.22	0.00	0.00	12.26	25.42
6085	6.63	2.90	2.98	1.13	0.00	0.00	12.15	25.79	8.29	2.96	3.92	1.49	0.00	0.00	15.80	32.46
6090	8.43	3.69	3.65	1.39	0.00	0.00	15.45	32.61	10.54	3.77	4.81	1.83	0.00	0.00	20.09	41.04
6095	10.14	4.44	4.33	1.65	0.00	0.00	18.58	39.14	12.67	4.53	5.70	2.17	0.00	0.00	24.16	49.23
6100	12.28	5.37	5.41	2.06	0.00	0.00	22.51	47.63	15.35	5.49	7.13	2.71	0.00	0.00	29.26	59.94
6105	24.02	10.51	9.47	3.60	0.00	0.00	44.03	91.63	30.02	10.73	12.47	4.74	0.00	0.00	57.23	115.19
6120	0.62	0.31	0.94	0.30	0.10	0.01	0.67	2.95	0.78	0.32	1.22	0.39	0.18	0.03	0.90	3.82
6125	0.75	0.37	0.38	0.16	0.10	0.01	0.81	2.58	0.94	0.38	0.49	0.21	0.18	0.03	1.08	3.31
6130	0.85	0.42	1.35	0.43	0.08	0.01	0.92	4.06	1.07	0.43	1.76	0.56	0.16	0.02	1.23	5.23
6135	0.96	0.47	0.55	0.23	0.08	0.01	1.03	3.33	1.20	0.48	0.73	0.30	0.16	0.02	1.38	4.27
6140	1.14	0.56	0.70	0.29	0.09	0.01	1.22	4.01	1.42	0.57	0.92	0.39	0.17	0.03	1.63	5.13
6145	1.05	0.51	1.88	0.60	0.09	0.01	1.12	5.26	1.31	0.52	2.45	0.78	0.17	0.03	1.50	6.76
6150	1.21	0.59	2.00	0.64	0.09	0.01	1.29	5.83	1.51	0.60	2.60	0.83	0.17	0.03	1.73	7.47
6155	1.30	0.63	0.90	0.38	0.09	0.01	1.39	4.70	1.62	0.65	1.19	0.50	0.17	0.03	1.86	6.02
6160	1.62	0.82	1.35	0.57	0.31	0.05	1.75	6.47	2.03	0.83	1.78	0.75	0.59	0.09	2.34	8.41
6165	2.02	1.01	1.73	0.73	0.35	0.05	2.18	8.07	2.53	1.03	2.28	0.96	0.66	0.10	2.92	10.48
6170	2.87	1.50	1.96	0.82	1.01	0.15	3.13	11.44	3.59	1.53	2.57	1.08	1.93	0.29	4.19	15.18
6175	2.90	1.52	2.06	0.86	1.01	0.15	3.17	11.67	3.63	1.55	2.71	1.14	1.93	0.29	4.24	15.49
6185	1.83	0.91	0.93	0.39	0.20	0.03	1.97	6.26	2.29	0.92	1.22	0.51	0.38	0.06	2.64	8.02
6190	3.18	1.60	1.66	0.70	0.60	0.09	3.44	11.27	3.98	1.63	2.18	0.91	1.15	0.17	4.60	14.62
6195	4.34	2.18	2.08	0.87	0.83	0.12	4.69	15.11	5.43	2.23	2.74	1.15	1.58	0.24	6.28	19.65
6200	5.81	2.99	2.76	1.16	1.70	0.25	6.31	20.98	7.26	3.05	3.63	1.52	3.24	0.49	8.45	27.64
6205	7.46	3.79	3.84	1.61	1.70	0.25	8.07	26.72	9.33	3.86	5.05	2.12	3.24	0.49	10.81	34.90
6210	9.48	4.86	4.64	1.95	2.58	0.39	10.29	34.19	11.85	4.96	6.10	2.56	4.92	0.74	13.78	44.91
6220	3.36	1.71	1.63	0.68	0.75	0.11	3.64	11.88	4.21	1.74	2.14	0.90	1.43	0.21	4.87	15.50
6225	4.03	2.03	1.63	0.68	0.75	0.11	4.35	13.58	5.04	2.07	2.14	0.90	1.43	0.21	5.83	17.62
6230	5.08	2.54	2.13	0.90	0.83	0.12	5.47	17.07	6.35	2.59	2.80	1.18	1.58	0.24	7.33	22.07
6235	5.44	2.71	2.13	0.90	0.83	0.12	5.85	17.98	6.80	2.76	2.80	1.18	1.58	0.24	7.84	23.20
6240	5.81	2.89	2.63	1.11	0.83	0.12	6.25	19.64	7.26	2.95	3.46	1.46	1.58	0.24	8.37	25.32
6245	6.19	3.07	2.63	1.11	0.83	0.12	6.66	20.61	7.74	3.13	3.46	1.46	1.58	0.24	8.92	26.53
6250	7.28	3.62	3.13	1.32	1.02	0.15	7.83	24.35	9.10	3.69	4.12	1.73	1.94	0.29	10.49	31.36
6255	9.33	4.69	3.89	1.63	1.70	0.25	10.07	31.56	11.67	4.78	5.11	2.15	3.24	0.49	13.49	40.93

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS								SEVERE CONDITIONS							
	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
6260	12.70	6.43	5.02	2.11	2.70	0.41	13.73	43.10	15.87	6.55	6.60	2.77	5.16	0.77	18.39	56.11
6265	16.07	7.95	6.77	2.03	5.65	0.85	15.10	54.42	19.28	8.08	8.91	2.67	10.78	1.62	19.41	70.75
6270	22.83	11.56	9.40	2.82	7.67	1.15	21.54	76.97	27.40	11.74	12.37	3.71	14.64	2.20	27.69	99.75
6275	45.19	23.42	17.31	5.19	19.31	2.90	42.80	156.12	54.23	23.80	22.77	6.83	36.87	5.53	55.03	205.06
6285	4.36	2.19	2.13	0.90	0.75	0.11	4.70	15.14	5.45	2.23	2.80	1.18	1.43	0.21	6.30	19.60
6290	5.13	2.56	2.76	1.16	0.83	0.12	5.52	18.08	6.41	2.61	3.63	1.52	1.58	0.24	7.39	23.38
6295	5.96	2.98	3.03	1.27	1.02	0.15	6.42	20.83	7.45	3.04	3.99	1.68	1.94	0.29	8.60	26.99
6300	8.61	4.37	3.86	1.62	1.95	0.29	9.31	30.01	10.76	4.45	5.08	2.13	3.72	0.56	12.47	39.17
6305	11.49	5.89	5.09	2.14	3.11	0.47	12.46	40.65	14.36	6.00	6.70	2.81	5.94	0.89	16.69	53.39
6310	14.79	7.36	7.00	2.10	5.65	0.85	13.91	51.66	17.75	7.48	9.21	2.76	10.78	1.62	17.88	67.48
6315	21.65	10.78	9.03	2.71	5.94	0.89	20.36	71.36	25.98	10.95	11.88	3.56	11.34	1.70	26.18	91.59
6320	39.60	20.22	15.35	4.60	14.65	2.20	37.41	134.03	47.52	20.55	20.20	6.06	27.97	4.20	48.10	174.60
6330	3.32	1.68	1.76	0.74	0.70	0.10	3.59	11.89	4.15	1.71	2.31	0.97	1.33	0.20	4.81	15.48
6335	3.88	1.95	2.01	0.84	0.70	0.10	4.19	13.67	4.85	1.99	2.64	1.11	1.33	0.20	5.61	17.73
6340	4.98	2.48	2.76	1.16	0.70	0.10	5.36	17.54	6.22	2.52	3.63	1.52	1.33	0.20	7.17	22.59
6345	5.41	2.72	3.19	1.34	1.02	0.15	5.84	19.67	6.76	2.77	4.19	1.76	1.94	0.29	7.82	25.53
6350	7.49	3.85	4.11	1.73	2.05	0.31	8.13	27.67	9.37	3.92	5.41	2.27	3.91	0.59	10.89	36.36
6355	11.62	5.96	5.59	2.35	3.11	0.47	12.61	41.71	14.53	6.07	7.36	3.09	5.94	0.89	16.89	54.77
6360	14.46	7.21	6.90	2.07	5.65	0.85	13.60	50.74	17.35	7.32	9.07	2.72	10.78	1.62	17.48	66.34
6365	17.40	8.82	8.78	2.63	5.94	0.89	16.42	60.88	20.89	8.96	11.55	3.46	11.34	1.70	21.11	79.01
6375	1.52	0.78	1.20	0.51	0.43	0.06	1.65	6.15	1.89	0.80	1.58	0.67	0.81	0.12	2.21	8.08
6380	1.78	0.91	1.20	0.51	0.43	0.06	1.93	6.82	2.23	0.93	1.58	0.67	0.81	0.12	2.59	8.93
6385	2.03	1.03	1.50	0.63	0.43	0.06	2.19	7.87	2.53	1.05	1.98	0.83	0.81	0.12	2.94	10.26
6390	4.56	2.27	1.58	0.66	0.61	0.09	4.90	14.67	5.70	2.31	2.08	0.87	1.16	0.17	6.57	18.86
6400	3.86	1.94	2.01	0.84	0.75	0.11	4.17	13.68	4.83	1.98	2.64	1.11	1.43	0.21	5.58	17.78
6405	4.77	2.39	2.51	1.05	0.83	0.12	5.15	16.82	5.97	2.44	3.30	1.39	1.58	0.24	6.89	21.81
6410	5.54	2.78	3.01	1.26	1.02	0.15	5.98	19.74	6.92	2.84	3.96	1.66	1.94	0.29	8.00	25.61
6415	8.01	4.05	3.89	1.63	1.70	0.25	8.65	28.18	10.01	4.13	5.11	2.15	3.24	0.49	11.59	36.72
6420	11.00	5.64	4.74	1.99	2.96	0.44	11.93	38.70	13.75	5.75	6.24	2.62	5.66	0.85	15.98	50.85
6425	15.22	7.99	5.24	2.20	5.65	0.85	16.63	53.78	19.03	8.14	6.90	2.90	10.78	1.62	22.27	71.64
6430	21.62	10.77	10.41	3.12	5.94	0.89	20.33	73.08	25.94	10.94	13.69	4.11	11.34	1.70	26.14	93.86
6435	40.24	20.11	14.80	4.44	11.64	1.75	37.87	130.85	48.28	20.44	19.47	5.84	22.22	3.33	48.69	168.27
6445	1.64	0.83	1.08	0.45	0.32	0.05	1.77	6.14	2.05	0.85	1.42	0.60	0.59	0.09	2.38	7.98
6450	4.45	2.23	2.13	0.90	0.75	0.11	4.80	15.37	5.57	2.27	2.80	1.18	1.43	0.21	6.43	19.89
6455	5.45	2.70	2.63	1.11	0.70	0.10	5.86	18.55	6.82	2.76	3.46	1.46	1.33	0.20	7.85	23.88
6460	7.71	3.89	3.64	1.53	1.53	0.23	8.33	26.86	9.64	3.97	4.78	2.01	2.92	0.44	11.16	34.92
6465	13.24	6.65	6.52	1.96	5.65	0.85	12.47	47.34	15.89	6.75	8.58	2.57	10.78	1.62	16.03	62.22
6475	4.64	2.35	2.61	1.10	1.02	0.15	5.02	16.89	5.80	2.40	3.43	1.44	1.94	0.29	6.72	22.02
6480	6.46	3.31	3.96	1.66	1.70	0.25	7.00	24.34	8.07	3.37	5.21	2.19	3.24	0.49	9.38	31.95
6485	6.93	3.54	4.14	1.74	1.78	0.27	7.51	25.91	8.66	3.61	5.44	2.29	3.39	0.51	10.06	33.96
6490	9.36	4.82	5.44	2.29	2.70	0.41	10.17	35.19	11.70	4.91	7.16	3.01	5.16	0.77	13.62	46.33
6495	12.20	6.12	7.65	2.29	5.12	0.77	11.49	45.64	14.64	6.21	10.06	3.02	9.77	1.47	14.77	59.94
6500	18.59	9.60	9.61	2.88	7.67	1.15	17.59	67.09	22.30	9.75	12.64	3.79	14.64	2.20	22.62	87.94
6510	1.95	0.97	1.20	0.51	0.24	0.04	2.10	7.01	2.44	0.99	1.58	0.67	0.45	0.07	2.81	9.01
6515	2.11	1.06	1.63	0.68	0.32	0.05	2.27	8.12	2.63	1.08	2.14	0.90	0.60	0.09	3.04	10.48
6520	2.27	1.17	1.81	0.76	0.63	0.09	2.47	9.20	2.84	1.19	2.38	1.00	1.18	0.18	3.30	12.07
6530	4.61	2.34	2.58	1.08	1.02	0.15	4.99	16.77	5.77	2.38	3.40	1.43	1.94	0.29	6.68	21.89
6535	5.43	2.73	3.08	1.30	1.02	0.15	5.86	19.57	6.79	2.79	4.06	1.70	1.94	0.29	7.85	25.42
6540	7.45	3.79	3.61	1.52	1.78	0.27	8.07	26.49	9.31	3.87	4.75	2.00	3.39	0.51	10.81	34.64
6545	8.04	4.07	4.21	1.77	1.78	0.27	8.69	28.83	10.05	4.15	5.54	2.33	3.39	0.51	11.64	37.61
6550	10.36	5.29	5.27	2.21	2.64	0.40	11.23	37.40	12.95	5.40	6.93	2.91	5.05	0.76	15.04	49.04
6555	11.28	5.45	6.19	1.86	2.64	0.40	10.55	38.37	13.53	5.54	8.15	2.45	5.05	0.76	13.57	49.05
6560	14.79	7.36	7.70	2.31	5.65	0.85	13.91	52.57	17.75	7.48	10.13	3.04	10.78	1.62	17.88	68.68
6565	21.56	10.97	11.54	3.46	7.67	1.15	20.36	76.71	25.88	11.15	15.18	4.55	14.64	2.20	26.17	99.77
6575	4.19	2.13	2.33	0.98	1.02	0.15	4.54	15.34	5.24	2.18	3.07	1.29	1.94	0.29	6.08	20.09

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
6580	5.37	2.70	6.99	2.24	1.02	0.15	5.79	24.26	6.71	2.75	9.11	2.91	1.94	0.29	7.76	31.47
6585	7.08	3.61	4.01	1.69	1.70	0.25	7.67	26.01	8.85	3.68	5.28	2.22	3.24	0.49	10.27	34.03
6590	7.94	4.19	4.64	1.95	3.11	0.47	8.68	30.98	9.92	4.27	6.10	2.56	5.94	0.89	11.63	41.31
6595	14.50	7.26	7.15	2.14	6.02	0.90	13.65	51.62	17.40	7.38	9.40	2.82	11.49	1.72	17.55	67.76
6600	19.00	9.56	10.03	3.01	5.94	0.89	17.90	66.33	22.80	9.71	13.20	3.96	11.34	1.70	23.02	85.73
6615	2.63	1.32	1.18	0.38	0.34	0.05	3.24	9.14	3.29	1.34	1.55	0.50	0.48	0.07	4.31	11.54
6620	3.30	1.63	1.58	0.51	0.33	0.05	4.05	11.45	4.12	1.67	2.08	0.67	0.46	0.07	5.38	14.45
6625	5.29	2.62	2.01	0.64	0.53	0.08	6.50	17.67	6.61	2.67	2.64	0.84	0.75	0.11	8.63	22.25
6630	6.06	3.02	2.78	0.89	0.71	0.11	7.46	21.03	7.57	3.08	3.66	1.17	0.99	0.15	9.90	26.52
6640	3.00	1.55	1.55	0.50	0.71	0.11	3.73	11.15	3.75	1.58	2.05	0.65	0.99	0.15	4.96	14.13
6645	3.42	1.76	1.76	0.56	0.71	0.11	4.25	12.57	4.28	1.79	2.31	0.74	0.99	0.15	5.64	15.90
6655	2.89	1.45	1.45	0.47	0.38	0.06	3.56	10.26	3.61	1.47	1.91	0.61	0.53	0.08	4.72	12.93
6660	3.45	1.72	1.55	0.50	0.42	0.06	4.24	11.94	4.31	1.75	2.05	0.65	0.60	0.09	5.63	15.08
6665	3.99	2.00	1.76	0.56	0.53	0.08	4.91	13.83	4.98	2.03	2.31	0.74	0.75	0.11	6.52	17.44
6670	4.59	2.29	2.01	0.64	0.53	0.08	5.65	15.79	5.74	2.33	2.64	0.84	0.75	0.11	7.50	19.91
6675	5.45	2.75	2.51	0.80	0.83	0.13	6.73	19.20	6.82	2.80	3.30	1.06	1.17	0.18	8.93	24.26
6685	2.33	1.18	1.20	0.39	0.36	0.05	2.88	8.39	2.92	1.20	1.58	0.51	0.51	0.08	3.82	10.62
6690	2.60	1.31	1.20	0.39	0.36	0.05	3.21	9.12	3.25	1.33	1.58	0.51	0.51	0.08	4.26	11.52
6695	2.78	1.39	1.50	0.48	0.36	0.05	3.42	9.98	3.47	1.42	1.98	0.63	0.51	0.08	4.54	12.63
6700	3.08	1.56	1.58	0.51	0.52	0.08	3.80	11.13	3.85	1.59	2.08	0.67	0.74	0.11	5.05	14.09
6705	3.45	1.73	1.81	0.58	0.52	0.08	4.25	12.42	4.31	1.77	2.38	0.76	0.74	0.11	5.65	15.72
6710	4.98	2.47	2.51	0.80	0.52	0.08	6.12	17.48	6.22	2.52	3.30	1.06	0.74	0.11	8.13	22.08
6720	2.71	1.34	1.20	0.39	0.21	0.03	3.33	9.21	3.39	1.36	1.58	0.51	0.29	0.04	4.42	11.59
6725	3.07	1.52	1.63	0.52	0.28	0.04	3.77	10.83	3.84	1.55	2.14	0.69	0.39	0.06	5.01	13.68
6730	3.18	1.61	1.81	0.58	0.53	0.08	3.92	11.71	3.97	1.64	2.38	0.76	0.75	0.11	5.21	14.82
6745	5.62	2.46	1.70	0.65	0.00	0.00	10.30	20.73	7.02	2.51	2.25	0.85	0.00	0.00	13.39	26.02
6750	6.24	2.73	2.11	0.80	0.00	0.00	11.43	23.31	7.79	2.79	2.78	1.06	0.00	0.00	14.86	29.28
6760	4.37	1.91	1.76	0.67	0.00	0.00	8.00	16.71	5.46	1.95	2.32	0.88	0.00	0.00	10.40	21.01
6770	0.57	0.21	0.00	0.52	0.00	0.00	0.87	2.17								
6775	1.18	0.43	0.00	1.06	0.00	0.00	1.81	4.48								
6780	2.38	0.87	0.00	2.01	0.00	0.00	3.64	8.90								
6785	0.57	0.21	0.00	0.25	0.00	0.00	0.87	1.90								
6790	0.90	0.33	0.00	0.37	0.00	0.00	1.37	2.97								
6805	2.01	0.74	0.00	0.27	0.00	0.00	3.07	6.09								
6810	2.63	0.96	0.00	0.51	0.00	0.00	4.01	8.11								
6815	3.09	1.13	0.00	0.80	0.00	0.00	4.72	9.74								
6830	4.73	1.74	0.00	0.32	0.00	0.00	7.23	14.02								
6835	4.89	1.79	0.00	0.32	0.00	0.00	7.47	14.47								
6840	7.61	2.79	0.00	0.51	0.00	0.00	11.62	22.53								
6845	7.97	2.92	0.00	0.61	0.00	0.00	12.16	23.66								
6860	3.79	1.39	0.00	0.45	0.00	0.00	5.78	11.41								
6865	4.48	1.64	0.00	0.51	0.00	0.00	6.84	13.47								
6870	5.10	1.87	0.00	0.61	0.00	0.00	7.79	15.37								
6875	5.48	2.01	0.00	0.75	0.00	0.00	8.37	16.61								
6880	6.50	2.38	0.00	0.65	0.00	0.00	9.92	19.45								
6885	7.84	2.87	0.00	0.95	0.00	0.00	11.96	23.62								
6890	8.91	3.27	0.00	0.95	0.00	0.00	13.60	26.73								
6895	11.70	4.29	0.00	1.17	0.00	0.00	17.86	35.02								
6900	13.32	4.88	0.00	1.28	0.00	0.00	20.34	39.82								
6915	3.02	1.11	0.58	0.18	0.00	0.00	4.61	9.50								
6920	6.36	2.33	1.25	0.40	0.00	0.00	9.71	20.05								
6925	7.37	2.70	1.91	0.61	0.00	0.00	11.25	23.84								
6930	7.76	2.84	2.26	0.72	0.00	0.00	11.84	25.42								
6935	10.49	3.84	3.34	1.07	0.00	0.00	16.01	34.75								
6940	12.48	4.57	3.41	1.09	0.00	0.00	19.05	40.60								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
6950	6.88	2.52	1.13	0.68	0.00	0.00	10.51	21.72								
6955	8.39	3.07	1.98	1.12	0.00	0.00	12.80	27.36								
6960	10.46	3.83	2.91	1.52	0.00	0.00	15.96	34.68								
6965	13.38	4.90	3.24	1.74	0.00	0.00	20.42	43.68								
6970	25.04	9.18	5.42	3.05	0.00	0.00	38.23	80.92								
6975	28.83	10.57	6.72	3.77	0.00	0.00	44.02	93.91								
6985	3.72	1.36	0.00	0.51	0.00	0.00	5.68	11.27								
6990	3.95	1.45	0.00	0.66	0.00	0.00	6.04	12.10								
6995	5.28	1.93	0.00	0.66	0.00	0.00	8.06	15.93								
7000	1.35	0.49	0.00	0.25	0.00	0.00	2.06	4.15								
7005	1.70	0.62	0.00	0.34	0.00	0.00	2.60	5.26								
7010	2.13	0.78	0.00	0.45	0.00	0.00	3.25	6.61								
7020	5.12	1.88	0.00	0.68	0.00	0.00	7.82	15.50								
7025	5.87	2.15	0.00	0.80	0.00	0.00	8.96	17.78								
7030	6.30	2.31	0.00	0.95	0.00	0.00	9.62	19.18								
7035	7.72	2.83	0.00	1.12	0.00	0.00	11.78	23.45								
7040	9.54	3.50	0.00	1.17	0.00	0.00	14.56	28.77								
7045	13.85	5.08	0.00	1.39	0.00	0.00	21.15	41.47								
7060	7.11	2.61	2.38	0.76	0.00	0.00	10.86	23.72								
7065	12.63	4.63	3.91	1.25	0.00	0.00	19.28	41.70								
7070	18.60	6.82	7.77	2.49	0.00	0.00	28.40	64.08								
7075	21.47	7.87	12.79	4.09	0.00	0.00	32.78	79.00								
7080	27.27	10.00	14.55	4.65	0.00	0.00	41.63	98.10								
7095	7.40	4.28	1.46	0.58	0.00	0.00	8.77	22.49	8.88	4.33	1.87	0.75	0.00	0.00	11.92	27.75
7100	11.99	6.93	2.77	1.11	0.00	0.00	14.19	36.99	14.38	7.02	3.56	1.43	0.00	0.00	19.30	45.69
7105	13.69	7.91	2.77	1.11	0.00	0.00	16.21	41.69	16.42	8.01	3.56	1.43	0.00	0.00	22.04	51.46
7110	17.18	9.93	4.16	1.66	0.00	0.00	20.35	53.28	20.62	10.06	5.35	2.14	0.00	0.00	27.67	65.84
7115	23.99	13.87	5.68	2.27	0.00	0.00	28.41	74.22	28.79	14.04	7.31	2.92	0.00	0.00	38.64	91.70
7130	1.37	0.43	0.00	0.15	0.00	0.00	1.57	3.52								
7135	0.50	0.16	0.00	0.10	0.00	0.00	0.58	1.34								
7140	2.02	0.64	0.00	0.31	0.00	0.00	2.32	5.29								
7145	0.87	0.28	0.00	0.05	0.00	0.00	1.00	2.20								
7160	0.06	0.03	0.16	0.05	0.00	0.00	0.07	0.37								
7175	0.04	0.02	0.16	0.05	0.00	0.00	0.04	0.31								
7180	0.05	0.02	0.24	0.08	0.00	0.00	0.05	0.44								
7185	0.09	0.04	0.65	0.21	0.00	0.00	0.10	1.09								
7195	0.68	0.32	3.48	1.11	0.00	0.00	0.80	6.39								
7200	0.69	0.33	1.05	0.40	0.00	0.00	0.81	3.28								
7205	0.96	0.46	6.40	2.05	0.00	0.00	1.12	10.99								
7210	1.08	0.51	2.10	0.80	0.00	0.00	1.26	5.75								
7215	1.68	0.79	2.45	0.93	0.00	0.00	1.96	7.81								
7220	1.79	0.84	2.38	0.90	0.00	0.00	2.08	7.99								
7235	0.07	0.04	0.40	0.13	0.00	0.00	0.09	0.73								
7240	0.10	0.05	0.65	0.21	0.00	0.00	0.12	1.13								
7245	0.21	0.10	1.30	0.41	0.00	0.00	0.24	2.26								
7260	0.09	0.04	0.24	0.08	0.00	0.00	0.11	0.56								
7265	0.10	0.05	0.24	0.08	0.00	0.00	0.12	0.59								
7280	0.13	0.06	0.17	0.08	0.00	0.00	0.07	0.51								
7285	0.18	0.09	0.43	0.19	0.00	0.00	0.10	0.99								
7290	0.64	0.30	2.14	0.96	0.00	0.00	0.37	4.41								
7295	0.83	0.39	5.13	2.31	0.00	0.00	0.49	9.15								
7305	0.10	0.05	0.09	0.04	0.00	0.00	0.06	0.34								
7310	0.14	0.07	0.17	0.08	0.00	0.00	0.08	0.54								
7315	0.19	0.09	0.68	0.31	0.00	0.00	0.11	1.38								
7330	3.82	1.36	0.00	0.15	0.00	0.00	4.48	9.81	5.09	1.41	0.00	0.15	0.00	0.00	6.72	13.37

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
7335	0.30	0.11	0.00	0.00	0.00	0.00	0.35	0.76	0.40	0.11	0.00	0.00	0.00	0.00	0.53	1.04
7340	2.42	0.86	0.00	0.10	0.00	0.00	2.84	6.22	3.23	0.89	0.00	0.10	0.00	0.00	4.26	8.48
7345	0.19	0.07	0.00	0.00	0.00	0.00	0.22	0.48	0.25	0.07	0.00	0.00	0.00	0.00	0.33	0.65
7350	1.81	0.65	0.00	0.08	0.00	0.00	2.12	4.66	2.41	0.67	0.00	0.08	0.00	0.00	3.18	6.34
7355	0.08	0.03	0.00	0.00	0.00	0.00	0.10	0.21	0.11	0.03	0.00	0.00	0.00	0.00	0.15	0.29
7360	2.08	0.74	0.00	0.10	0.00	0.00	2.44	5.36	2.77	0.77	0.00	0.10	0.00	0.00	3.66	7.30
7365	0.19	0.07	0.00	0.00	0.00	0.00	0.22	0.48	0.25	0.07	0.00	0.00	0.00	0.00	0.33	0.65
7370	1.50	0.54	0.00	0.08	0.00	0.00	1.76	3.88	2.00	0.56	0.00	0.08	0.00	0.00	2.65	5.29
7375	0.12	0.04	0.00	0.00	0.00	0.00	0.14	0.30	0.16	0.04	0.00	0.00	0.00	0.00	0.21	0.41
7380	0.88	0.31	0.00	0.08	0.00	0.00	1.03	2.30	1.17	0.33	0.00	0.08	0.00	0.00	1.55	3.13
7385	0.05	0.02	0.00	0.00	0.00	0.00	0.06	0.13	0.06	0.02	0.00	0.00	0.00	0.00	0.08	0.16
7390	2.32	0.83	0.00	0.08	0.00	0.00	2.72	5.95	3.09	0.86	0.00	0.08	0.00	0.00	4.08	8.11
7395	0.19	0.07	0.00	0.00	0.00	0.00	0.22	0.48	0.25	0.07	0.00	0.00	0.00	0.00	0.33	0.65
7400	2.06	0.74	0.00	0.08	0.00	0.00	2.42	5.30	2.75	0.76	0.00	0.08	0.00	0.00	3.63	7.22
7405	0.25	0.09	0.00	0.00	0.00	0.00	0.30	0.64	0.34	0.09	0.00	0.00	0.00	0.00	0.45	0.88
7410	0.73	0.32	0.00	0.08	0.00	0.00	0.85	1.98	0.91	0.32	0.00	0.08	0.00	0.00	1.20	2.51
7420	5.04	1.80	0.00	0.25	0.00	0.00	5.92	13.01	6.73	1.87	0.00	0.25	0.00	0.00	8.88	17.73
7425	0.37	0.13	0.00	0.00	0.00	0.00	0.43	0.93	0.49	0.14	0.00	0.00	0.00	0.00	0.65	1.28
7430	5.47	1.95	0.00	0.23	0.00	0.00	6.41	14.06	7.29	2.02	0.00	0.23	0.00	0.00	9.62	19.16
7435	5.08	1.82	0.00	0.22	0.00	0.00	5.97	13.09	6.78	1.88	0.00	0.22	0.00	0.00	8.95	17.83
7440	0.37	0.13	0.00	0.00	0.00	0.00	0.43	0.93	0.49	0.14	0.00	0.00	0.00	0.00	0.65	1.28
7445	5.41	1.93	0.00	0.21	0.00	0.00	6.35	13.90	7.22	2.00	0.00	0.21	0.00	0.00	9.53	18.96
7450	4.31	1.54	0.00	0.16	0.00	0.00	5.06	11.07	5.75	1.59	0.00	0.16	0.00	0.00	7.58	15.08
7455	0.33	0.12	0.00	0.00	0.00	0.00	0.39	0.84	0.44	0.12	0.00	0.00	0.00	0.00	0.59	1.15
7460	4.01	1.43	0.00	0.16	0.00	0.00	4.71	10.31	5.35	1.48	0.00	0.16	0.00	0.00	7.06	14.05
7465	2.91	1.04	0.00	0.10	0.00	0.00	3.41	7.46	3.88	1.07	0.00	0.10	0.00	0.00	5.12	10.17
7470	0.19	0.07	0.00	0.00	0.00	0.00	0.22	0.48	0.25	0.07	0.00	0.00	0.00	0.00	0.33	0.65
7475	2.83	1.01	0.00	0.10	0.00	0.00	3.32	7.26	3.77	1.05	0.00	0.10	0.00	0.00	4.97	9.89
7480	1.67	0.60	0.00	0.08	0.00	0.00	1.96	4.31	2.23	0.62	0.00	0.08	0.00	0.00	2.94	5.87
7485	0.10	0.03	0.00	0.00	0.00	0.00	0.11	0.24	0.13	0.04	0.00	0.00	0.00	0.00	0.17	0.34
7490	1.02	0.36	0.00	0.08	0.00	0.00	1.19	2.65	1.35	0.38	0.00	0.08	0.00	0.00	1.79	3.60
7495	0.06	0.02	0.00	0.00	0.00	0.00	0.07	0.15	0.08	0.02	0.00	0.00	0.00	0.00	0.10	0.20
7500	0.78	0.28	0.00	0.08	0.00	0.00	0.92	2.06	1.05	0.29	0.00	0.08	0.00	0.00	1.38	2.80
7505	0.06	0.02	0.00	0.00	0.00	0.00	0.07	0.15	0.08	0.02	0.00	0.00	0.00	0.00	0.10	0.20
7510	0.48	0.17	0.00	0.08	0.00	0.00	0.56	1.29	0.64	0.18	0.00	0.08	0.00	0.00	0.84	1.74
7515	0.03	0.01	0.00	0.00	0.00	0.00	0.03	0.07	0.04	0.01	0.00	0.00	0.00	0.00	0.05	0.10
7520	0.27	0.10	0.00	0.08	0.00	0.00	0.31	0.76	0.36	0.10	0.00	0.08	0.00	0.00	0.47	1.01
7525	0.01	0.01	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.02	0.05
7535	5.46	1.95	0.00	0.28	0.00	0.00	6.40	14.09	7.28	2.02	0.00	0.28	0.00	0.00	9.61	19.19
7540	4.30	1.54	0.00	0.20	0.00	0.00	5.05	11.09	5.74	1.59	0.00	0.20	0.00	0.00	7.57	15.10
7545	3.25	1.16	0.00	0.10	0.00	0.00	3.81	8.32	4.33	1.20	0.00	0.10	0.00	0.00	5.72	11.35
7550	2.02	0.72	0.00	0.09	0.00	0.00	2.37	5.20	2.70	0.75	0.00	0.09	0.00	0.00	3.56	7.10
7565	3.25	1.42	2.13	0.51	0.18	0.03	3.59	11.11								
7570	3.60	1.57	2.13	0.51	0.18	0.03	3.97	11.99								
7575	4.17	1.83	2.13	0.51	0.22	0.03	4.61	13.50								
7580	6.56	2.92	3.13	0.75	0.68	0.10	7.27	21.41								
7590	2.84	1.25	1.91	0.46	0.18	0.03	3.13	9.80								
7595	3.05	1.34	1.91	0.46	0.18	0.03	3.37	10.34								
7600	3.13	1.37	1.96	0.47	0.18	0.03	3.45	10.59								
7605	3.00	1.32	6.29	1.51	0.22	0.03	3.31	15.68								
7610	3.35	1.47	1.91	0.46	0.22	0.03	3.70	11.14								
7615	3.12	1.38	6.29	1.51	0.26	0.04	3.45	16.05								
7620	3.47	1.53	1.91	0.46	0.26	0.04	3.84	11.51								
7625	7.47	3.35	2.93	0.70	0.90	0.13	8.29	23.77								
7635	3.10	1.36	1.71	0.41	0.18	0.03	3.42	10.21								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
7640	3.84	1.68	1.71	0.41	0.22	0.03	4.24	12.13								
7645	7.78	3.47	3.26	0.78	0.82	0.12	8.63	24.86								
7650	8.95	4.18	3.26	0.78	2.08	0.31	10.03	29.59								
7665	4.05	2.30	0.00	0.21	1.92	0.29	4.76	13.53								
7670	5.60	2.72	0.00	0.23	1.50	0.22	6.33	16.60								
7680	5.35	2.83	0.00	0.40	1.82	0.27	6.17	16.84								
7685	5.45	3.07	0.00	0.45	2.49	0.37	6.38	18.21								
7690	8.08	4.20	0.00	0.67	2.49	0.37	9.28	25.09								
7700	0.70	0.34	0.00	0.05	0.21	0.03	0.79	2.12								
7715	1.14	0.49	0.00	0.15	0.00	0.00	1.25	3.03								
7720	1.45	0.62	0.00	0.15	0.00	0.00	1.59	3.81								
7725	1.49	0.64	0.00	0.15	0.00	0.00	1.64	3.92								
7730	2.23	0.96	0.00	0.15	0.00	0.00	2.45	5.79								
7735	3.41	1.46	0.00	0.15	0.00	0.00	3.75	8.77								
7740	5.17	2.21	0.00	0.15	0.00	0.00	5.68	13.21								
7745	3.37	1.44	0.00	0.16	0.00	0.00	3.71	8.68								
7750	3.92	1.68	0.00	0.15	0.00	0.00	4.31	10.06								
7755	6.08	2.61	0.00	0.15	0.00	0.00	6.69	15.53								
7765	0.50	0.22	0.00	0.16	0.00	0.00	0.55	1.43								
7770	1.02	0.44	0.00	0.16	0.00	0.00	1.12	2.74								
7785	12.79	5.48	5.27	1.26	0.00	0.00	14.06	38.86								
7790	12.86	5.51	5.27	1.26	0.00	0.00	14.13	39.03								
7795	19.31	8.27	7.77	1.87	0.00	0.00	21.22	58.44								
7800	20.43	8.75	7.77	1.87	0.00	0.00	22.46	61.28								
7805	20.20	8.65	7.77	1.87	0.00	0.00	22.21	60.70								
7815	21.51	9.21	8.28	1.99	0.00	0.00	23.64	64.63								
7830	2.23	0.96	1.30	0.31	0.00	0.00	2.46	7.26								
7835	2.67	1.14	1.30	0.31	0.00	0.00	2.93	8.35								
7840	4.07	1.74	2.13	0.51	0.00	0.00	4.48	12.93								
7845	4.26	1.82	2.13	0.51	0.00	0.00	4.68	13.40								
7850	4.45	1.90	2.13	0.51	0.00	0.00	4.89	13.88								
7855	4.63	1.98	2.13	0.51	0.00	0.00	5.09	14.34								
7865	4.45	1.91	6.29	1.51	0.00	0.00	4.89	19.05								
7870	4.78	2.05	2.13	0.51	0.00	0.00	5.25	14.72								
7875	4.72	2.02	6.29	1.51	0.00	0.00	5.19	19.73								
7880	5.05	2.16	2.13	0.51	0.00	0.00	5.55	15.40								
7885	2.19	0.94	3.17	0.76	0.00	0.00	2.40	9.46								
7890	2.97	1.27	6.29	1.51	0.00	0.00	3.26	15.30								
7895	3.29	1.41	2.13	0.51	0.00	0.00	3.62	10.96								
7900	3.60	1.54	6.29	1.51	0.00	0.00	3.95	16.89								
7905	3.92	1.68	2.13	0.51	0.00	0.00	4.31	12.55								
7910	3.88	1.66	6.29	1.51	0.00	0.00	4.27	17.61								
7915	4.21	1.80	2.13	0.51	0.00	0.00	4.62	13.27								
7930	1.37	0.48	1.46	0.47	0.00	0.00	1.89	5.67								
7935	1.68	0.59	1.46	0.47	0.00	0.00	2.31	6.51								
7940	3.55	1.24	1.50	0.48	0.00	0.00	4.88	11.65								
7945	3.89	1.36	1.50	0.48	0.00	0.00	5.35	12.58								
7950	5.44	1.90	3.32	1.06	0.00	0.00	7.47	19.19								
7955	5.74	2.01	3.32	1.06	0.00	0.00	7.88	20.01								
7965	3.83	1.34	1.71	0.55	0.00	0.00	5.26	12.69								
7970	4.16	1.46	1.71	0.55	0.00	0.00	5.72	13.60								
7975	6.69	2.34	2.69	0.86	0.00	0.00	9.19	21.77								
7980	7.29	2.55	2.69	0.86	0.00	0.00	10.01	23.40								
7990	2.52	0.88	2.92	0.93	0.00	0.00	3.46	10.71								
7995	3.09	1.08	2.92	0.93	0.00	0.00	4.25	12.27								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
8005	1.98	0.69	1.05	0.34	0.00	0.00	2.72	6.78								
8010	1.80	0.63	1.05	0.34	0.00	0.00	2.47	6.29								
8020	9.20	3.22	2.62	0.84	0.00	0.00	12.64	28.52								
8025	6.21	2.17	1.75	0.56	0.00	0.00	8.54	19.23								
8040	6.17	2.19	2.55	0.82	0.19	0.03	8.50	20.45								
8045	6.93	2.53	2.97	0.95	0.65	0.10	9.60	23.73								
8050	8.18	2.89	2.97	0.95	0.18	0.03	11.26	26.46								
8055	9.00	3.24	4.37	1.40	0.55	0.08	12.44	31.08								
8060	8.41	3.02	4.37	1.40	0.48	0.07	11.61	29.36								
8065	9.06	3.25	4.37	1.40	0.48	0.07	12.51	31.14								
8070	10.49	3.75	4.37	1.40	0.48	0.07	14.47	35.03								
8075	9.34	3.35	4.37	1.40	0.48	0.07	12.90	31.91								
8080	10.14	3.62	4.37	1.40	0.48	0.07	13.99	34.07								
8090	8.99	3.15	4.37	1.40	0.00	0.00	12.35	30.26								
8095	7.20	2.60	2.97	0.95	0.48	0.07	9.96	24.23								
8100	7.66	2.76	4.20	1.34	0.48	0.07	10.58	27.09								
8105	8.73	3.13	4.20	1.34	0.48	0.07	12.06	30.01								
8115	9.32	3.34	4.02	1.29	0.48	0.07	12.87	31.39								
8120	13.71	4.95	7.10	2.27	0.98	0.15	18.97	48.13								
8130	5.76	2.03	2.45	0.78	0.10	0.01	7.93	19.06								
8135	5.70	2.03	2.45	0.78	0.20	0.03	7.86	19.05								
8140	7.66	2.70	2.80	0.90	0.14	0.02	10.54	24.76								
8145	6.59	2.34	2.80	0.90	0.20	0.03	9.08	21.94								
8150	6.26	2.29	2.45	0.78	0.65	0.10	8.68	21.21								
8155	8.55	3.06	3.08	0.99	0.42	0.06	11.81	27.97								
8160	9.91	3.54	4.16	1.33	0.44	0.07	13.68	33.13								
8165	7.87	2.83	4.37	1.40	0.48	0.07	10.87	27.89								
8170	11.67	4.17	4.16	1.33	0.55	0.08	16.10	38.06								
8175	10.11	3.62	4.16	1.33	0.55	0.08	13.96	33.81								
8180	8.53	3.10	4.37	1.40	0.72	0.11	11.81	30.04								
8190	6.44	2.36	2.38	0.76	0.65	0.10	8.93	21.62								
8195	5.86	2.08	2.38	0.76	0.18	0.03	8.07	19.36								
8200	6.88	2.44	2.80	0.90	0.18	0.03	9.47	22.70								
8205	7.35	2.67	2.62	0.84	0.65	0.10	10.18	24.41								
8210	7.52	2.66	2.80	0.90	0.18	0.03	10.35	24.44								
8215	9.77	3.49	3.85	1.23	0.48	0.07	13.49	32.38								
8220	8.09	2.90	3.74	1.20	0.48	0.07	11.17	27.65								
8225	8.76	3.14	3.74	1.20	0.48	0.07	12.10	29.49								
8230	11.22	4.00	3.85	1.23	0.48	0.07	15.48	36.33								
8245	1.18	0.41	0.56	0.18	0.00	0.00	1.62	3.95								
8250	3.11	1.09	1.19	0.38	0.00	0.00	4.28	10.05								
8255	7.34	2.57	2.48	0.79	0.00	0.00	10.08	23.26								
8260	9.85	3.45	4.37	1.40	0.00	0.00	13.54	32.61								
8265	11.93	4.18	5.42	1.74	0.00	0.00	16.39	39.66								
8270	14.41	5.05	6.33	2.03	0.00	0.00	19.80	47.62								
8275	16.72	5.85	6.33	2.03	0.00	0.00	22.97	53.90								
8285	1.13	0.39	0.56	0.18	0.00	0.00	1.55	3.81								
8290	2.59	0.91	1.22	0.39	0.00	0.00	3.56	8.67								
8295	6.74	2.36	2.45	0.78	0.00	0.00	9.26	21.59								
8300	8.98	3.14	4.02	1.29	0.00	0.00	12.33	29.76								
8305	11.97	4.19	4.16	1.33	0.00	0.00	16.45	38.10								
8315	1.16	0.41	1.13	0.36	0.00	0.00	1.60	4.66								
8320	6.02	2.11	1.82	0.58	0.00	0.00	8.27	18.80								
8325	8.96	3.14	2.80	0.90	0.00	0.00	12.31	28.11								
8330	11.38	3.98	5.46	1.75	0.00	0.00	15.64	38.21								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
8335	20.26	7.09	9.16	2.93	0.00	0.00	27.83	67.27								
8350	0.81	0.21	0.00	0.50	0.02	0.00	0.87	2.41								
8355	1.02	0.26	0.00	0.50	0.03	0.00	1.09	2.90								
8360	1.32	0.34	0.00	0.75	0.05	0.01	1.41	3.88								
8365	3.43	0.95	0.00	1.51	0.41	0.06	3.72	10.08								
8370	2.66	0.67	1.25	0.30	0.03	0.00	2.83	7.74								
8375	2.96	0.75	1.25	0.30	0.03	0.00	3.16	8.45								
8380	3.36	0.85	1.25	0.30	0.03	0.00	3.59	9.38								
8385	0.48	0.12	0.54	0.13	0.00	0.00	0.51	1.78								
8390	0.15	0.04	0.38	0.09	0.00	0.00	0.16	0.82								
8395	0.24	0.06	0.54	0.13	0.00	0.00	0.26	1.23								
8405	0.23	0.06	0.00	0.50	0.02	0.00	0.25	1.06								
8410	0.47	0.12	0.00	0.50	0.02	0.00	0.50	1.61								
8415	0.72	0.18	0.00	0.75	0.02	0.00	0.77	2.44								
8420	0.90	0.23	0.00	0.75	0.03	0.00	0.96	2.87								
8425	2.93	0.73	1.36	0.33	0.00	0.00	3.12	8.47								
8430	3.73	0.93	1.36	0.33	0.00	0.00	3.97	10.32								
8435	1.05	0.26	0.98	0.23	0.00	0.00	1.12	3.64								
8440	0.21	0.05	0.22	0.05	0.00	0.00	0.22	0.75								
8445	0.17	0.04	0.43	0.10	0.00	0.00	0.18	0.92								
8450	0.21	0.05	0.54	0.13	0.00	0.00	0.23	1.16								
8455	0.22	0.05	0.54	0.13	0.00	0.00	0.23	1.17								
8470	10.36	4.80	4.50	1.80	2.77	0.42	11.22	35.87	12.95	4.90	5.89	2.36	4.61	0.69	14.95	46.35
8475	16.13	6.89	6.43	2.06	5.77	0.87	14.16	52.31	20.16	7.05	8.41	2.69	9.59	1.44	19.06	68.40
8480	21.25	8.98	7.62	2.44	6.62	0.99	17.19	65.09	26.56	9.19	10.02	3.21	11.00	1.65	23.27	84.90
8485	23.78	9.96	8.49	2.72	6.62	0.99	20.81	73.37	29.72	10.20	11.11	3.55	11.00	1.65	28.01	95.24
8490	24.60	10.28	10.99	2.86	8.78	1.32	21.52	80.35	30.75	10.53	14.26	3.71	15.25	2.29	28.96	105.75
8495	26.20	10.91	10.99	2.86	8.78	1.32	22.90	83.96	32.75	11.17	14.26	3.71	15.25	2.29	30.83	110.26
8500	32.70	13.78	10.39	3.33	9.85	1.48	26.44	97.97	40.88	14.10	13.66	4.37	16.36	2.45	35.80	127.62
8505	43.31	17.93	17.09	4.44	13.06	1.96	37.82	135.61	54.14	18.35	22.18	5.77	22.69	3.40	50.91	177.44
8510	45.27	18.69	17.09	4.44	13.06	1.96	39.51	140.02	56.59	19.13	22.18	5.77	22.69	3.40	53.19	182.95
8515	43.06	18.18	12.70	4.07	13.36	2.00	34.82	128.19	53.82	18.61	16.70	5.34	22.19	3.33	47.16	167.15
8520	52.85	22.01	23.20	6.03	17.72	2.66	46.19	170.66	66.06	22.53	30.10	7.82	30.78	4.62	62.18	224.09
8525	56.23	23.33	23.20	6.03	17.72	2.66	49.11	178.28	70.28	23.88	30.10	7.82	30.78	4.62	66.12	233.60
8535	14.60	6.14	5.89	1.89	4.27	0.64	12.78	46.21	18.25	6.28	7.71	2.47	7.09	1.06	17.21	60.07
8540	19.13	8.10	7.51	2.40	6.15	0.92	15.48	59.69	23.92	8.29	9.87	3.16	10.21	1.53	20.96	77.94
8545	21.83	9.11	8.37	2.68	5.76	0.86	19.09	67.70	27.28	9.33	10.94	3.50	9.56	1.43	25.69	87.73
8550	23.58	9.80	12.11	3.15	7.64	1.15	20.60	78.03	29.47	10.03	15.71	4.09	13.27	1.99	27.73	102.29
8555	28.34	11.71	12.11	3.15	8.22	1.23	24.74	89.50	35.42	11.98	15.71	4.09	14.28	2.14	33.30	116.92
8565	9.96	4.58	3.22	1.29	2.41	0.36	10.77	32.59	12.45	4.68	4.21	1.68	4.01	0.60	14.36	41.99
8570	20.47	8.67	7.53	2.41	6.62	0.99	16.57	63.26	25.59	8.88	9.90	3.17	11.00	1.65	22.44	82.63
8575	24.34	10.18	12.48	3.24	8.78	1.32	21.29	81.63	30.42	10.42	16.19	4.21	15.25	2.29	28.66	107.44
8580	23.09	9.69	8.39	2.69	6.62	0.99	20.21	71.68	28.86	9.92	10.97	3.51	11.00	1.65	27.20	93.11
8590	9.95	4.58	4.50	1.80	2.41	0.36	10.75	34.35	12.43	4.67	5.89	2.36	4.01	0.60	14.34	44.30
8595	14.30	6.02	6.43	2.06	4.27	0.64	12.53	46.25	17.88	6.17	8.41	2.69	7.09	1.06	16.86	60.16
8605	15.81	6.73	6.18	1.98	5.50	0.83	13.87	50.90	19.76	6.89	8.08	2.59	9.15	1.37	18.67	66.51
8610	24.48	10.75	7.16	2.29	12.42	1.86	19.93	78.89	30.60	11.00	9.41	3.01	20.85	3.13	26.99	104.99
8615	25.83	11.28	7.98	2.55	12.42	1.86	22.76	84.68	32.28	11.54	10.43	3.34	20.85	3.13	30.64	112.21
8620	30.56	13.22	9.75	3.12	13.02	1.95	24.82	96.44	38.20	13.53	12.81	4.10	21.76	3.26	33.61	127.27
8625	31.57	13.61	10.86	3.48	13.02	1.95	27.76	102.25	39.46	13.93	14.20	4.55	21.76	3.26	37.37	134.53
8630	36.07	15.67	11.13	3.56	16.96	2.54	29.32	115.25	45.08	16.04	14.63	4.68	28.59	4.29	39.70	153.01
8635	37.08	16.06	12.41	3.97	16.96	2.54	32.63	121.65	46.35	16.44	16.22	5.19	28.59	4.29	43.93	161.01
8640	38.95	16.83	12.41	3.97	17.21	2.58	34.26	126.21	48.69	17.23	16.22	5.19	28.98	4.35	46.12	166.78
8645	37.35	16.21	11.13	3.56	17.21	2.58	30.35	118.39	46.68	16.59	14.63	4.68	28.98	4.35	41.10	157.01
8650	38.78	16.88	12.70	4.07	18.87	2.83	31.53	125.66	48.48	17.28	16.70	5.34	31.92	4.79	42.70	167.21

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	POG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
8655	40.06	17.41	12.70	4.07	19.13	2.87	32.57	128.81	50.08	17.83	16.70	5.34	32.30	4.85	44.10	171.20
8660	44.30	19.07	12.70	4.07	19.13	2.87	35.95	138.09	55.38	19.52	16.70	5.34	32.30	4.85	48.68	182.77
8665	41.66	18.04	14.16	4.53	19.13	2.87	36.66	137.05	52.08	18.47	18.51	5.92	32.30	4.85	49.36	181.49
8670	42.63	18.42	14.21	4.55	19.13	2.87	34.61	136.42	53.28	18.85	18.67	5.97	32.30	4.85	46.87	180.79
8675	46.15	20.08	14.21	4.55	21.00	3.15	37.52	146.66	57.69	20.55	18.67	5.97	35.14	5.27	50.81	194.10
8685	33.20	14.12	11.09	3.55	11.35	1.70	26.88	101.89	41.50	14.46	14.57	4.66	18.85	2.83	36.40	133.27
8690	21.81	9.11	7.03	1.83	7.66	1.15	19.08	67.67	27.27	9.33	9.12	2.37	13.30	2.00	25.68	89.07
8695	35.83	14.97	15.12	3.93	12.69	1.90	31.34	115.78	44.79	15.33	19.61	5.10	22.05	3.31	42.19	152.38
8700	44.11	18.39	18.07	4.70	15.05	2.26	38.56	141.14	55.13	18.82	23.44	6.10	26.14	3.92	51.91	185.46
8715	3.52	2.08	0.00	1.01	1.58	0.24	3.62	12.05	4.23	2.11	0.00	1.01	2.06	0.31	4.66	14.38
8720	4.71	2.84	0.00	1.26	2.45	0.37	4.87	16.50	5.65	2.89	0.00	1.26	3.20	0.48	6.27	19.75
8725	5.52	3.33	0.00	1.51	2.85	0.43	5.71	19.35	6.63	3.37	0.00	1.51	3.72	0.56	7.34	23.13
8735	4.58	2.61	0.00	1.51	1.52	0.23	4.67	15.12	5.49	2.64	0.00	1.51	1.98	0.30	6.00	17.92
8740	5.83	3.46	0.00	1.51	2.72	0.41	6.00	19.93	6.99	3.51	0.00	1.51	3.56	0.53	7.72	23.82
8750	2.11	1.25	0.00	0.50	0.93	0.14	2.17	7.10	2.53	1.27	0.00	0.50	1.22	0.18	2.79	8.49
8765	7.72	3.42	3.91	1.10	0.81	0.12	8.28	25.36	9.65	3.49	5.12	1.43	1.38	0.21	11.72	33.00
8770	12.40	5.55	7.82	2.19	1.99	0.30	13.33	43.58	15.50	5.67	10.23	2.87	3.42	0.51	18.88	57.08
8780	12.19	5.33	8.62	2.41	0.45	0.07	13.03	42.10	15.23	5.45	11.28	3.16	0.74	0.11	18.46	54.43
8795	3.18	1.55	1.70	0.61	0.00	0.00	5.53	12.57	3.98	1.58	2.25	0.81	0.00	0.00	7.54	16.16
8800	4.58	2.23	2.11	0.76	0.00	0.00	7.96	17.64	5.73	2.28	2.78	1.00	0.00	0.00	10.85	22.64
8805	6.58	3.21	2.98	1.07	0.00	0.00	11.42	25.26	8.22	3.27	3.92	1.41	0.00	0.00	15.58	32.40
8810	9.21	4.49	3.79	1.36	0.00	0.00	15.99	34.84	11.51	4.58	4.99	1.80	0.00	0.00	21.80	44.68
8820	2.85	1.39	1.76	0.63	0.00	0.00	4.96	11.59	3.57	1.42	2.32	0.83	0.00	0.00	6.76	14.90
8825	3.24	1.58	1.76	0.63	0.00	0.00	5.62	12.83	4.05	1.61	2.32	0.83	0.00	0.00	7.66	16.47
8830	0.63	0.28	0.00	0.08	0.00	0.00	0.74	1.73	0.79	0.28	0.00	0.08	0.00	0.00	1.04	2.19
8835	0.46	0.20	0.00	0.08	0.00	0.00	0.54	1.28	0.57	0.20	0.00	0.08	0.00	0.00	0.75	1.60
8840	3.61	1.76	2.44	0.88	0.00	0.00	6.27	14.96	4.51	1.79	3.21	1.15	0.00	0.00	8.54	19.20
8845	4.08	1.99	2.44	0.88	0.00	0.00	7.08	16.47	5.10	2.03	3.21	1.15	0.00	0.00	9.66	21.15
8850	0.63	0.28	0.00	0.08	0.00	0.00	0.74	1.73	0.79	0.28	0.00	0.08	0.00	0.00	1.05	2.20
8855	0.72	0.31	0.00	0.08	0.00	0.00	0.84	1.95	0.90	0.32	0.00	0.08	0.00	0.00	1.18	2.48
8860	1.30	0.57	0.00	0.08	0.00	0.00	1.53	3.48	1.63	0.58	0.00	0.08	0.00	0.00	2.15	4.44
8865	6.01	2.93	3.25	1.17	0.00	0.00	10.43	23.79	7.51	2.98	4.28	1.54	0.00	0.00	14.22	30.53
8870	6.86	3.34	3.25	1.17	0.00	0.00	11.91	26.53	8.57	3.41	4.28	1.54	0.00	0.00	16.24	34.04
8875	0.78	0.34	0.00	0.08	0.00	0.00	0.91	2.11	0.97	0.35	0.00	0.08	0.00	0.00	1.28	2.68
8880	0.88	0.38	0.00	0.08	0.00	0.00	1.03	2.37	1.10	0.39	0.00	0.08	0.00	0.00	1.45	3.02
8885	1.20	0.53	0.00	0.08	0.00	0.00	1.41	3.22	1.50	0.54	0.00	0.08	0.00	0.00	1.98	4.10
8890	7.49	3.66	3.79	1.36	0.00	0.00	13.02	29.32	9.37	3.73	4.99	1.80	0.00	0.00	17.75	37.64
8895	7.98	3.89	4.46	1.61	0.00	0.00	13.85	31.79	9.97	3.96	5.88	2.12	0.00	0.00	18.89	40.82
8900	8.28	4.04	4.46	1.61	0.00	0.00	14.38	32.77	10.35	4.12	5.88	2.12	0.00	0.00	19.61	42.08
8905	9.24	4.51	4.46	1.61	0.00	0.00	16.05	35.87	11.55	4.59	5.88	2.12	0.00	0.00	21.88	46.02
8910	1.07	0.47	0.00	0.08	0.00	0.00	1.26	2.88	1.34	0.48	0.00	0.08	0.00	0.00	1.77	3.67
8915	1.10	0.48	0.00	0.08	0.00	0.00	1.29	2.95	1.37	0.49	0.00	0.08	0.00	0.00	1.81	3.75
8920	1.47	0.64	0.00	0.08	0.00	0.00	1.72	3.91	1.84	0.66	0.00	0.08	0.00	0.00	2.42	5.00
8925	10.90	5.32	5.41	1.95	0.00	0.00	18.93	42.51	13.63	5.42	7.13	2.57	0.00	0.00	25.82	54.57
8930	11.86	5.79	6.76	2.44	0.00	0.00	20.61	47.46	14.83	5.90	8.91	3.21	0.00	0.00	28.10	60.95
8935	12.61	6.15	5.82	2.09	0.00	0.00	21.90	48.57	15.76	6.27	7.66	2.76	0.00	0.00	29.86	62.31
8940	14.60	7.12	5.82	2.09	0.00	0.00	25.35	54.98	18.25	7.25	7.66	2.76	0.00	0.00	34.57	70.49
8945	1.67	0.73	0.00	0.08	0.00	0.00	1.96	4.44	2.09	0.75	0.00	0.08	0.00	0.00	2.76	5.68
8950	1.83	0.80	0.00	0.08	0.00	0.00	2.15	4.86	2.29	0.82	0.00	0.08	0.00	0.00	3.03	6.22
8955	1.73	0.76	0.00	0.08	0.00	0.00	2.03	4.60	2.17	0.77	0.00	0.08	0.00	0.00	2.86	5.88
8960	1.87	0.82	0.00	0.10	0.00	0.00	2.19	4.98	2.33	0.83	0.00	0.10	0.00	0.00	3.08	6.34
8965	20.38	8.91	9.07	2.54	0.00	0.00	26.89	67.79	25.47	9.10	11.94	3.34	0.00	0.00	37.35	87.20
8970	21.11	9.23	10.82	3.03	0.00	0.00	27.86	72.05	26.39	9.43	14.26	3.99	0.00	0.00	38.69	92.76
8975	2.63	1.15	0.00	0.12	0.00	0.00	3.09	6.99	3.29	1.18	0.00	0.12	0.00	0.00	4.34	8.93
8980	2.90	1.27	0.00	0.13	0.00	0.00	3.40	7.70	3.63	1.30	0.00	0.13	0.00	0.00	4.78	9.84

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
8985	2.71	1.19	0.00	0.13	0.00	0.00	3.18	7.21	3.39	1.21	0.00	0.13	0.00	0.00	4.48	9.21
8990	0.07	0.03	0.00	0.05	0.00	0.00	0.09	0.24	0.09	0.03	0.00	0.05	0.00	0.00	0.12	0.29
8995	2.01	0.88	0.00	0.15	0.00	0.00	2.35	5.39	2.51	0.90	0.00	0.15	0.00	0.00	3.31	6.87
9000	24.26	11.29	12.45	2.99	0.00	0.00	29.89	80.88	29.11	11.47	16.39	3.93	0.00	0.00	39.85	100.75
9005	3.55	1.55	0.00	0.19	0.00	0.00	4.17	9.46	4.44	1.59	0.00	0.19	0.00	0.00	5.86	12.08
9010	3.65	1.60	0.00	0.19	0.00	0.00	4.29	9.73	4.57	1.63	0.00	0.19	0.00	0.00	6.03	12.42
9015	3.05	1.33	0.00	0.16	0.00	0.00	3.57	8.11	3.81	1.36	0.00	0.16	0.00	0.00	5.02	10.35
9020	0.90	0.39	0.00	0.12	0.00	0.00	1.06	2.47	1.13	0.40	0.00	0.12	0.00	0.00	1.49	3.14
9025	0.10	0.04	0.00	0.08	0.00	0.00	0.11	0.33	0.12	0.04	0.00	0.08	0.00	0.00	0.16	0.40
9030	2.17	0.95	0.00	0.20	0.00	0.00	2.55	5.87	2.72	0.97	0.00	0.20	0.00	0.00	3.59	7.48
9035	40.79	18.98	18.94	4.55	0.00	0.00	50.25	133.51	48.94	19.28	24.95	5.99	0.00	0.00	67.01	166.17
9040	5.43	2.38	0.00	0.28	0.00	0.00	6.37	14.46	6.79	2.43	0.00	0.28	0.00	0.00	8.96	18.46
9045	5.97	2.61	0.00	0.29	0.00	0.00	7.01	15.88	7.47	2.67	0.00	0.29	0.00	0.00	9.85	20.28
9050	0.11	0.05	0.00	0.08	0.00	0.00	0.13	0.37	0.14	0.05	0.00	0.08	0.00	0.00	0.19	0.46
9055	3.89	1.70	0.00	0.20	0.00	0.00	4.56	10.35	4.86	1.74	0.00	0.20	0.00	0.00	6.42	13.22
9060	43.80	20.38	20.84	5.00	0.00	0.00	53.97	143.99	52.56	20.71	27.44	6.59	0.00	0.00	71.96	179.26
9065	5.78	2.53	0.00	0.40	0.00	0.00	6.78	15.49	7.23	2.58	0.00	0.40	0.00	0.00	9.54	19.75
9070	6.29	2.75	0.00	0.42	0.00	0.00	7.38	16.84	7.86	2.81	0.00	0.42	0.00	0.00	10.37	21.46
9080	3.31	1.62	1.70	0.61	0.00	0.00	5.75	12.99	4.14	1.65	2.25	0.81	0.00	0.00	7.84	16.69
9085	3.96	1.93	2.11	0.76	0.00	0.00	6.88	15.64	4.96	1.97	2.78	1.00	0.00	0.00	9.39	20.10
9090	4.26	2.08	2.38	0.86	0.00	0.00	7.39	16.97	5.32	2.12	3.14	1.13	0.00	0.00	10.08	21.79
9095	0.71	0.31	0.00	0.08	0.00	0.00	0.83	1.93	0.89	0.32	0.00	0.08	0.00	0.00	1.17	2.46
9100	0.71	0.31	0.00	0.05	0.00	0.00	0.83	1.90	0.89	0.32	0.00	0.05	0.00	0.00	1.17	2.43
9105	5.68	2.77	2.90	1.04	0.00	0.00	9.87	22.26	7.10	2.82	3.81	1.37	0.00	0.00	13.46	28.56
9110	5.95	2.90	3.30	1.19	0.00	0.00	10.34	23.68	7.44	2.96	4.35	1.57	0.00	0.00	14.09	30.41
9115	0.79	0.35	0.00	0.08	0.00	0.00	0.93	2.15	0.99	0.35	0.00	0.08	0.00	0.00	1.31	2.73
9120	0.97	0.42	0.00	0.05	0.00	0.00	1.14	2.58	1.21	0.43	0.00	0.05	0.00	0.00	1.60	3.29
9125	7.97	3.89	4.06	1.46	0.00	0.00	13.84	31.22	9.96	3.96	5.35	1.92	0.00	0.00	18.87	40.06
9130	1.21	0.53	0.00	0.08	0.00	0.00	1.42	3.24	1.52	0.54	0.00	0.08	0.00	0.00	2.00	4.14
9135	1.21	0.53	0.00	0.05	0.00	0.00	1.42	3.21	1.51	0.54	0.00	0.05	0.00	0.00	2.00	4.10
9140	11.95	5.83	6.03	2.17	0.00	0.00	20.76	46.74	14.94	5.94	7.95	2.86	0.00	0.00	28.30	59.99
9145	1.29	0.57	0.00	0.08	0.00	0.00	1.52	3.46	1.61	0.58	0.00	0.08	0.00	0.00	2.13	4.40
9150	1.36	0.59	0.00	0.08	0.00	0.00	1.59	3.62	1.70	0.61	0.00	0.08	0.00	0.00	2.24	4.63
9155	1.84	0.81	0.00	0.05	0.00	0.00	2.16	4.86	2.30	0.82	0.00	0.05	0.00	0.00	3.04	6.21
9160	19.35	8.47	8.12	2.27	0.00	0.00	25.54	63.75	24.19	8.65	10.69	2.99	0.00	0.00	35.48	82.00
9165	2.56	1.12	0.00	0.12	0.00	0.00	3.01	6.81	3.21	1.15	0.00	0.12	0.00	0.00	4.23	8.71
9170	2.60	1.14	0.00	0.10	0.00	0.00	3.05	6.89	3.25	1.16	0.00	0.10	0.00	0.00	4.29	8.80
9175	24.88	11.58	12.31	2.95	0.00	0.00	30.66	82.38	29.86	11.76	16.22	3.89	0.00	0.00	40.88	102.61
9180	3.88	1.70	0.00	0.22	0.00	0.00	4.55	10.35	4.85	1.73	0.00	0.22	0.00	0.00	6.40	13.20
9185	3.97	1.74	0.00	0.25	0.00	0.00	4.66	10.62	4.96	1.77	0.00	0.25	0.00	0.00	6.55	13.53
9190	2.48	1.08	0.00	0.12	0.00	0.00	2.91	6.59	3.10	1.11	0.00	0.12	0.00	0.00	4.09	8.42
9195	33.44	15.56	14.21	3.41	0.00	0.00	41.20	107.82	40.13	15.81	18.71	4.49	0.00	0.00	54.93	134.07
9200	4.47	1.95	0.00	0.26	0.00	0.00	5.24	11.92	5.58	2.00	0.00	0.26	0.00	0.00	7.37	15.21
9205	5.11	2.24	0.00	0.25	0.00	0.00	6.00	13.60	6.39	2.28	0.00	0.25	0.00	0.00	8.44	17.36
9210	2.85	1.25	0.00	0.12	0.00	0.00	3.35	7.57	3.57	1.27	0.00	0.12	0.00	0.00	4.71	9.67
9220	3.60	1.76	1.76	0.63	0.00	0.00	6.25	14.00	4.50	1.79	2.32	0.83	0.00	0.00	8.53	17.97
9225	4.60	2.24	2.11	0.76	0.00	0.00	7.99	17.70	5.75	2.29	2.78	1.00	0.00	0.00	10.89	22.71
9230	6.89	3.36	2.98	1.07	0.00	0.00	11.96	26.26	8.61	3.42	3.92	1.41	0.00	0.00	16.31	33.67
9235	8.49	4.14	3.79	1.36	0.00	0.00	14.74	32.52	10.61	4.22	4.99	1.80	0.00	0.00	20.10	41.72
9240	0.99	0.43	0.00	0.05	0.00	0.00	1.16	2.63	1.24	0.44	0.00	0.05	0.00	0.00	1.63	3.36
9245	1.12	0.49	0.00	0.05	0.00	0.00	1.31	2.97	1.39	0.50	0.00	0.05	0.00	0.00	1.84	3.78
9250	13.20	6.44	5.68	2.05	0.00	0.00	22.92	50.29	16.50	6.56	7.48	2.69	0.00	0.00	31.26	64.49
9255	1.75	0.77	0.00	0.05	0.00	0.00	2.05	4.62	2.19	0.78	0.00	0.05	0.00	0.00	2.89	5.91
9260	1.18	0.52	0.00	0.05	0.00	0.00	1.39	3.14	1.48	0.53	0.00	0.05	0.00	0.00	1.95	4.01
9265	18.26	7.99	8.66	2.42	0.00	0.00	24.10	61.43	22.82	8.16	11.40	3.19	0.00	0.00	33.47	79.04

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
9270	2.16	0.94	0.00	0.10	0.00	0.00	2.53	5.73	2.69	0.96	0.00	0.10	0.00	0.00	3.56	7.31
9275	1.78	0.78	0.00	0.12	0.00	0.00	2.09	4.77	2.23	0.80	0.00	0.12	0.00	0.00	2.94	6.09
9280	0.75	0.33	0.00	0.08	0.00	0.00	0.88	2.04	0.93	0.33	0.00	0.08	0.00	0.00	1.23	2.57
9285	0.43	0.19	0.00	0.13	0.00	0.00	0.51	1.26	0.54	0.19	0.00	0.13	0.00	0.00	0.72	1.58
9290	0.07	0.03	0.00	0.08	0.00	0.00	0.08	0.26	0.08	0.03	0.00	0.08	0.00	0.00	0.11	0.30
9300	2.56	1.25	1.14	0.41	0.00	0.00	4.44	9.80	3.20	1.27	1.50	0.54	0.00	0.00	6.06	12.57
9305	3.38	1.65	1.89	0.68	0.00	0.00	5.87	13.47	4.23	1.68	2.49	0.90	0.00	0.00	8.01	17.31
9310	4.00	1.95	2.11	0.76	0.00	0.00	6.94	15.76	5.00	1.99	2.78	1.00	0.00	0.00	9.47	20.24
9315	6.21	3.03	3.25	1.17	0.00	0.00	10.79	24.45	7.77	3.09	4.28	1.54	0.00	0.00	14.71	31.39
9320	6.51	3.17	3.25	1.17	0.00	0.00	11.30	25.40	8.13	3.23	4.28	1.54	0.00	0.00	15.41	32.59
9325	8.33	4.06	4.46	1.61	0.00	0.00	14.47	32.93	10.42	4.14	5.88	2.12	0.00	0.00	19.73	42.29
9330	9.31	4.54	4.46	1.61	0.00	0.00	16.17	36.09	11.64	4.63	5.88	2.12	0.00	0.00	22.05	46.32
9340	2.92	1.42	1.79	0.64	0.00	0.00	5.07	11.84	3.65	1.45	2.35	0.85	0.00	0.00	6.91	15.21
9345	0.51	0.22	0.00	0.15	0.00	0.00	0.60	1.48	0.64	0.23	0.00	0.15	0.00	0.00	0.84	1.86
9350	4.40	2.15	2.44	0.88	0.00	0.00	7.64	17.51	5.50	2.19	3.21	1.15	0.00	0.00	10.42	22.47
9355	0.55	0.24	0.00	0.15	0.00	0.00	0.65	1.59	0.69	0.25	0.00	0.15	0.00	0.00	0.91	2.00
9360	6.78	3.31	3.36	1.21	0.00	0.00	11.78	26.44	8.47	3.37	4.42	1.59	0.00	0.00	16.06	33.91
9365	0.61	0.27	0.00	0.15	0.00	0.00	0.71	1.74	0.76	0.27	0.00	0.15	0.00	0.00	1.00	2.18
9370	9.55	4.66	4.46	1.61	0.00	0.00	16.59	36.87	11.94	4.75	5.88	2.12	0.00	0.00	22.62	47.31
9375	0.79	0.35	0.00	0.15	0.00	0.00	0.93	2.22	0.99	0.35	0.00	0.15	0.00	0.00	1.31	2.80
9380	13.40	6.53	5.95	2.14	0.00	0.00	23.27	51.29	16.74	6.66	7.84	2.82	0.00	0.00	31.73	65.79
9385	1.24	0.54	0.00	0.18	0.00	0.00	1.45	3.41	1.55	0.55	0.00	0.18	0.00	0.00	2.05	4.33
9390	1.32	0.58	0.00	0.20	0.00	0.00	1.55	3.65	1.65	0.59	0.00	0.20	0.00	0.00	2.18	4.62
9395	20.23	8.85	8.66	2.42	0.00	0.00	26.70	66.86	25.28	9.04	11.40	3.19	0.00	0.00	37.08	85.99
9400	1.70	0.74	0.00	0.34	0.00	0.00	2.00	4.78	2.13	0.76	0.00	0.34	0.00	0.00	2.81	6.04
9405	1.80	0.79	0.00	0.34	0.00	0.00	2.11	5.04	2.25	0.80	0.00	0.34	0.00	0.00	2.97	6.36
9410	25.94	11.35	11.09	3.11	0.00	0.00	34.23	85.72	32.42	11.59	14.61	4.09	0.00	0.00	47.54	110.25
9415	2.31	1.01	0.00	0.40	0.00	0.00	2.71	6.43	2.89	1.03	0.00	0.40	0.00	0.00	3.82	8.14
9420	2.11	0.92	0.00	0.58	0.00	0.00	2.47	6.08	2.63	0.94	0.00	0.58	0.00	0.00	3.48	7.63
9425	37.52	17.46	16.78	4.03	0.00	0.00	46.23	122.02	45.02	17.74	22.10	5.30	0.00	0.00	61.64	151.80
9430	5.56	2.43	0.00	0.64	0.00	0.00	6.53	15.16	6.95	2.48	0.00	0.64	0.00	0.00	9.18	19.25
9435	5.23	2.29	0.00	0.61	0.00	0.00	6.13	14.26	6.53	2.34	0.00	0.61	0.00	0.00	8.62	18.10
9440	4.89	2.14	0.00	0.59	0.00	0.00	5.74	13.36	6.12	2.19	0.00	0.59	0.00	0.00	8.07	16.97
9450	11.68	5.70	5.55	2.00	0.00	0.00	20.28	45.21	14.60	5.80	7.31	2.63	0.00	0.00	27.65	57.99
9455	1.23	0.54	0.00	0.05	0.00	0.00	1.44	3.26	1.53	0.55	0.00	0.05	0.00	0.00	2.03	4.16
9460	1.37	0.60	0.00	0.05	0.00	0.00	1.61	3.63	1.72	0.61	0.00	0.05	0.00	0.00	2.27	4.65
9465	1.41	0.62	0.00	0.05	0.00	0.00	1.65	3.73	1.76	0.63	0.00	0.05	0.00	0.00	2.32	4.76
9470	14.67	6.42	7.04	1.97	0.00	0.00	19.37	49.47	18.34	6.55	9.27	2.59	0.00	0.00	26.90	63.65
9475	1.74	0.76	0.00	0.05	0.00	0.00	2.04	4.59	2.17	0.78	0.00	0.05	0.00	0.00	2.86	5.86
9480	2.28	1.00	0.00	0.05	0.00	0.00	2.67	6.00	2.85	1.02	0.00	0.05	0.00	0.00	3.76	7.68
9485	1.89	0.83	0.00	0.05	0.00	0.00	2.22	4.99	2.37	0.85	0.00	0.05	0.00	0.00	3.13	6.40
9490	19.64	8.59	9.47	2.65	0.00	0.00	25.93	66.28	24.55	8.78	12.47	3.49	0.00	0.00	36.01	85.30
9495	2.27	0.99	0.00	0.12	0.00	0.00	2.66	6.04	2.83	1.01	0.00	0.12	0.00	0.00	3.74	7.70
9500	2.49	1.09	0.00	0.13	0.00	0.00	2.92	6.63	3.11	1.11	0.00	0.13	0.00	0.00	4.10	8.45
9505	2.17	0.95	0.00	0.11	0.00	0.00	2.55	5.78	2.72	0.97	0.00	0.11	0.00	0.00	3.58	7.38
9510	0.09	0.04	0.00	0.05	0.00	0.00	0.11	0.29	0.11	0.04	0.00	0.05	0.00	0.00	0.15	0.35
9515	0.58	0.25	0.00	0.11	0.00	0.00	0.68	1.62	0.73	0.26	0.00	0.11	0.00	0.00	0.96	2.06
9530	13.48	5.46	5.27	1.47	2.46	0.37	10.40	38.91	16.86	5.60	6.93	1.94	5.16	0.77	14.09	51.35
9535	18.91	7.93	7.77	2.18	6.12	0.92	14.67	58.50	23.64	8.12	10.23	2.86	12.82	1.92	19.87	79.46
9540	27.65	11.73	11.29	3.16	7.32	1.10	21.50	83.75	34.57	12.01	14.85	4.16	15.34	2.30	29.11	112.34
9550	20.05	8.45	7.57	2.12	6.90	1.04	15.57	61.70	25.07	8.65	9.97	2.79	14.46	2.17	21.09	84.20
9555	33.68	14.28	14.35	4.02	8.92	1.34	26.18	102.77	42.10	14.62	18.88	5.29	18.68	2.80	35.46	137.83
9570	1.58	0.64	1.55	0.44	0.24	0.04	1.22	5.71	1.97	0.65	2.05	0.57	0.49	0.07	1.65	7.45
9575	1.27	0.52	1.25	0.35	0.30	0.04	0.98	4.71	1.59	0.54	1.65	0.46	0.62	0.09	1.33	6.28
9580	1.40	0.58	1.55	0.44	0.32	0.05	1.08	5.42	1.75	0.59	2.05	0.57	0.66	0.10	1.46	7.18

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
9585	1.74	0.71	2.08	0.58	0.29	0.04	1.34	6.78	2.17	0.72	2.74	0.77	0.61	0.09	1.82	8.92
9600	0.26	0.12	0.53	0.15	0.04	0.01	0.31	1.42	0.32	0.12	0.69	0.19	0.05	0.01	0.44	1.82
9605	1.11	0.48	1.06	0.30	0.05	0.01	1.32	4.33	1.38	0.49	1.38	0.39	0.07	0.01	1.84	5.56
9610	1.54	0.66	1.64	0.46	0.07	0.01	1.84	6.22	1.92	0.68	2.14	0.60	0.10	0.02	2.56	8.02
9615	2.77	1.21	1.61	0.45	0.21	0.03	3.33	9.61	3.46	1.24	2.11	0.59	0.30	0.05	4.62	12.37
9620	5.72	2.48	2.63	0.74	0.34	0.05	6.85	18.81	7.14	2.53	3.46	0.97	0.49	0.07	9.51	24.17
9630	1.89	0.81	0.60	0.17	0.07	0.01	2.26	5.81	2.37	0.83	0.79	0.22	0.10	0.02	3.15	7.48
9635	3.69	1.60	1.10	0.31	0.21	0.03	4.42	11.36	4.61	1.63	1.45	0.41	0.30	0.05	6.14	14.59
9640	4.09	1.77	1.38	0.39	0.21	0.03	4.89	12.76	5.11	1.81	1.81	0.51	0.30	0.05	6.80	16.39
9645	6.59	2.79	2.83	0.79	0.00	0.00	7.86	20.86	8.24	2.85	3.73	1.04	0.00	0.00	10.92	26.78
9650	13.01	5.51	4.39	1.23	0.00	0.00	15.52	39.66	16.27	5.63	5.77	1.62	0.00	0.00	21.55	50.84
9665	11.71	4.96	2.51	0.70	0.00	0.00	13.96	33.84	14.64	5.07	3.30	0.92	0.00	0.00	19.39	43.32
9670	17.04	7.22	4.01	1.12	0.00	0.00	20.32	49.71	21.30	7.37	5.28	1.48	0.00	0.00	28.22	63.65
9675	22.46	9.51	4.01	1.12	0.00	0.00	26.79	63.89	28.08	9.72	5.28	1.48	0.00	0.00	37.20	81.76
9685	8.44	3.58	1.68	0.47	0.00	0.00	10.07	24.24	10.55	3.65	2.21	0.62	0.00	0.00	13.98	31.01
9690	9.12	3.86	1.68	0.47	0.00	0.00	10.88	26.01	11.40	3.95	2.21	0.62	0.00	0.00	15.11	33.29
9695	9.44	4.00	1.68	0.47	0.00	0.00	11.26	26.85	11.80	4.09	2.21	0.62	0.00	0.00	15.64	34.36
9700	11.87	5.03	2.56	0.72	0.00	0.00	14.16	34.34	14.84	5.14	3.37	0.94	0.00	0.00	19.66	43.95
9705	22.14	9.37	4.39	1.23	0.00	0.00	26.40	63.53	27.67	9.58	5.77	1.62	0.00	0.00	36.66	81.30
9720	1.08	0.33	1.83	0.51	0.13	0.02	1.09	4.99	1.30	0.34	2.44	0.68	0.16	0.02	1.49	6.43
9725	1.36	0.41	1.83	0.51	0.15	0.02	1.36	5.64	1.63	0.43	2.44	0.68	0.20	0.03	1.87	7.28
9730	1.19	0.37	1.83	0.51	0.17	0.03	1.19	5.29	1.42	0.38	2.44	0.68	0.21	0.03	1.64	6.80
9735	1.41	0.43	1.83	0.51	0.20	0.03	1.41	5.82	1.69	0.44	2.44	0.68	0.26	0.04	1.94	7.49
9740	1.25	0.39	1.83	0.51	0.27	0.04	1.26	5.55	1.49	0.40	2.44	0.68	0.34	0.05	1.73	7.13
9745	1.88	0.77	5.61	1.68	0.45	0.07	1.64	12.10	2.51	0.80	7.21	2.16	0.57	0.09	2.54	15.88
9750	2.06	0.84	3.09	0.80	0.45	0.07	1.78	9.09	2.74	0.87	4.02	1.05	0.57	0.09	2.77	12.11
9755	1.97	0.80	5.61	1.68	0.45	0.07	1.71	12.29	2.62	0.83	7.21	2.16	0.57	0.09	2.65	16.13
9760	2.41	0.97	3.09	0.80	0.45	0.07	2.08	9.87	3.21	1.00	4.02	1.05	0.57	0.09	3.24	13.18
9765	2.42	0.99	6.63	1.99	0.52	0.08	2.10	14.73	3.23	1.02	8.53	2.56	0.66	0.10	3.27	19.37
9770	3.28	1.36	3.82	0.99	0.89	0.13	2.86	13.33	4.38	1.40	4.97	1.29	1.14	0.17	4.44	17.79
9775	3.45	1.29	10.32	3.30	0.91	0.14	2.80	22.21	4.60	1.33	13.30	4.26	1.17	0.18	4.35	29.19
9780	5.78	2.12	6.55	1.83	1.11	0.17	4.66	22.22	7.71	2.19	8.52	2.38	1.44	0.22	7.25	29.71
9785	5.62	2.06	6.55	1.83	1.15	0.17	4.53	21.91	7.49	2.14	8.52	2.38	1.48	0.22	7.05	29.28
9790	5.69	2.09	6.55	1.83	1.15	0.17	4.59	22.07	7.59	2.16	8.52	2.38	1.48	0.22	7.14	29.49
9795	5.55	2.04	4.78	1.34	1.15	0.17	4.48	19.51	7.41	2.12	6.21	1.74	1.48	0.22	6.97	26.15
9800	7.91	2.90	9.55	2.68	1.56	0.23	6.38	31.21	10.55	3.00	12.42	3.48	2.02	0.30	9.93	41.70
9805	7.75	2.86	6.52	1.83	1.67	0.25	6.26	27.14	10.33	2.96	8.48	2.37	2.15	0.32	9.74	36.35
9810	7.44	2.75	9.55	2.68	1.67	0.25	6.01	30.35	9.92	2.85	12.42	3.48	2.15	0.32	9.35	40.49
9815	9.14	3.31	10.92	3.06	1.39	0.21	7.35	35.38	12.19	3.43	14.20	3.97	1.80	0.27	11.44	47.30
9825	1.06	0.33	1.23	0.34	0.14	0.02	1.06	4.18	1.27	0.34	1.64	0.46	0.18	0.03	1.46	5.38
9830	1.27	0.39	1.23	0.34	0.14	0.02	1.28	4.67	1.53	0.40	1.64	0.46	0.18	0.03	1.75	5.99
9835	1.18	0.36	2.20	0.62	0.14	0.02	1.19	5.71	1.42	0.37	2.94	0.82	0.18	0.03	1.63	7.39
9840	1.68	0.51	2.20	0.62	0.14	0.02	1.68	6.85	2.01	0.52	2.94	0.82	0.18	0.03	2.30	8.80
9845	1.91	0.58	2.20	0.62	0.16	0.02	1.91	7.40	2.29	0.59	2.94	0.82	0.21	0.03	2.62	9.50
9850	1.39	0.42	2.20	0.62	0.14	0.02	1.39	6.18	1.67	0.44	2.94	0.82	0.18	0.03	1.91	7.99
9855	1.62	0.49	2.20	0.62	0.17	0.03	1.62	6.75	1.94	0.50	2.94	0.82	0.22	0.03	2.22	8.67
9860	1.60	0.50	2.20	0.62	0.28	0.04	1.61	6.85	1.92	0.51	2.94	0.82	0.35	0.05	2.21	8.80
9865	1.86	0.76	5.08	1.52	0.45	0.07	1.61	11.35	2.48	0.79	6.53	1.96	0.57	0.09	2.51	14.93
9870	2.21	0.90	5.08	1.52	0.45	0.07	1.91	12.14	2.95	0.93	6.53	1.96	0.57	0.09	2.98	16.01
9875	2.72	1.09	3.00	0.78	0.45	0.07	2.35	10.46	3.63	1.13	3.90	1.02	0.57	0.09	3.65	13.99
9880	2.19	0.90	6.54	1.96	0.52	0.08	1.90	14.09	2.92	0.93	8.41	2.52	0.66	0.10	2.96	18.50
9885	2.51	1.03	3.00	0.78	0.65	0.10	2.18	10.25	3.34	1.07	3.90	1.02	0.83	0.12	3.39	13.67
9890	3.44	1.31	9.81	3.14	1.14	0.17	2.80	21.81	4.59	1.36	12.64	4.05	1.47	0.22	4.36	28.69
9895	4.32	1.61	5.60	1.57	1.14	0.17	3.50	17.91	5.76	1.67	7.28	2.04	1.47	0.22	5.44	23.88
9900	4.46	1.64	4.86	1.36	0.90	0.13	3.60	16.95	5.94	1.70	6.32	1.77	1.15	0.17	5.60	22.65

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CPC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
9905	5.26	1.94	4.78	1.34	1.14	0.17	4.25	18.88	7.02	2.01	6.21	1.74	1.47	0.22	6.61	25.28
9910	6.01	2.40	5.53	1.44	0.89	0.13	5.18	21.58	8.02	2.48	7.19	1.87	1.12	0.17	8.06	28.91
9915	7.33	2.66	8.30	2.32	1.14	0.17	5.90	27.82	9.78	2.75	10.79	3.02	1.47	0.22	9.18	37.21
9920	7.32	2.69	8.30	2.32	1.48	0.22	5.91	28.24	9.76	2.79	10.79	3.02	1.88	0.28	9.19	37.71
9925	7.36	2.72	8.38	2.35	1.64	0.25	5.95	28.65	9.82	2.82	10.90	3.05	2.09	0.31	9.25	38.24
9935	1.75	0.71	2.82	0.73	0.33	0.05	1.51	7.90	2.33	0.73	3.67	0.95	0.41	0.06	2.35	10.50
9940	1.55	0.63	4.58	1.37	0.33	0.05	1.34	9.85	2.06	0.65	5.89	1.77	0.41	0.06	2.09	12.93
9945	2.28	0.91	3.00	0.78	0.33	0.05	1.96	9.31	3.03	0.94	3.90	1.02	0.41	0.06	3.05	12.41
9950	2.86	1.14	3.28	0.85	0.45	0.07	2.46	11.11	3.81	1.18	4.26	1.11	0.57	0.09	3.83	14.85
9955	4.79	1.78	5.73	1.61	1.14	0.17	3.87	19.09	6.39	1.84	7.45	2.09	1.47	0.22	6.03	25.49
9960	6.45	2.35	6.28	1.76	1.14	0.17	5.20	23.35	8.60	2.44	8.16	2.29	1.47	0.22	8.09	31.27
9965	6.79	2.47	8.19	2.29	1.14	0.17	5.47	26.52	9.05	2.56	10.65	2.98	1.47	0.22	8.50	35.43
9970	6.60	2.40	5.73	1.61	1.14	0.17	5.32	22.97	8.80	2.49	7.45	2.09	1.47	0.22	8.27	30.79
9975	6.91	2.51	6.28	1.76	1.14	0.17	5.57	24.34	9.22	2.60	8.16	2.29	1.47	0.22	8.66	32.62
9985	7.96	2.89	8.19	2.29	1.27	0.19	6.40	29.19	10.61	2.99	10.65	2.98	1.63	0.25	9.96	39.07
9990	7.66	2.78	8.19	2.29	1.27	0.19	6.17	28.55	10.22	2.88	10.65	2.98	1.63	0.25	9.60	38.21
9995	7.89	2.86	7.37	2.06	1.27	0.19	6.35	27.99	10.52	2.97	9.58	2.68	1.63	0.25	9.88	37.51
10055	6.93	2.56	8.19	2.29	1.60	0.24	5.60	27.41	9.24	2.65	10.65	2.98	2.10	0.31	8.71	36.64
10060	7.56	2.75	8.19	2.29	1.27	0.19	6.08	28.33	10.08	2.84	10.65	2.98	1.63	0.25	9.46	37.89
10065	7.27	2.65	8.19	2.29	1.27	0.19	5.85	27.71	9.69	2.74	10.65	2.98	1.63	0.25	9.11	37.05
10070	9.32	3.36	9.55	2.68	1.27	0.19	7.49	33.86	12.43	3.48	12.42	3.48	1.63	0.25	11.65	45.34
10085	2.66	0.93	0.00	0.10	0.00	0.00	2.53	6.22								
10090	3.20	1.12	0.00	0.10	0.00	0.00	3.04	7.46								
10095	4.95	1.73	0.00	0.10	0.00	0.00	4.71	11.49								
10100	6.12	2.14	0.00	0.10	0.00	0.00	5.83	14.19								
10105	6.77	2.36	0.00	0.10	0.00	0.00	6.45	15.68								
10115	0.64	0.22	0.00	0.09	0.00	0.00	0.61	1.56	0.85	0.23	0.00	0.09	0.00	0.00	0.92	2.09
10120	1.01	0.35	0.00	0.09	0.00	0.00	0.96	2.41	1.34	0.36	0.00	0.09	0.00	0.00	1.46	3.25
10125	1.02	0.35	0.00	0.09	0.00	0.00	0.97	2.43	1.36	0.37	0.00	0.09	0.00	0.00	1.48	3.30
10130	1.03	0.36	0.00	0.09	0.00	0.00	0.98	2.46	1.37	0.37	0.00	0.09	0.00	0.00	1.50	3.33
10140	0.20	0.07	0.00	0.00	0.00	0.00	0.19	0.46								
10145	0.21	0.07	0.00	0.00	0.00	0.00	0.20	0.48								
10150	0.23	0.08	0.00	0.00	0.00	0.00	0.22	0.53								
10155	0.27	0.10	0.00	0.00	0.00	0.00	0.26	0.63								
10160	0.30	0.10	0.00	0.00	0.00	0.00	0.29	0.69								
10165	0.29	0.10	0.00	0.00	0.00	0.00	0.27	0.66								
10175	0.24	0.09	0.00	0.09	0.00	0.00	0.23	0.65								
10180	0.28	0.10	0.00	0.09	0.00	0.00	0.27	0.74								
10185	0.78	0.27	0.00	0.09	0.00	0.00	0.75	1.89								
10190	0.88	0.31	0.00	0.09	0.00	0.00	0.84	2.12								
10200	2.76	0.96	0.00	0.13	0.00	0.00	2.63	6.48								
10205	2.80	0.98	0.00	0.13	0.00	0.00	2.67	6.58								
10210	2.83	0.99	0.00	0.13	0.00	0.00	2.70	6.65								
10215	2.87	1.00	0.00	0.13	0.00	0.00	2.74	6.74								
10225	1.23	0.43	0.00	0.00	0.00	0.00	1.17	2.83								
10230	1.29	0.45	0.00	0.00	0.00	0.00	1.23	2.97								
10235	1.38	0.48	0.00	0.00	0.00	0.00	1.31	3.17								
10250	2.08	0.89	0.00	0.09	0.56	0.08	1.62	5.32	2.60	0.91	0.00	0.09	0.68	0.10	2.36	6.74
10255	2.51	1.05	0.00	0.09	0.56	0.08	1.95	6.24	3.14	1.08	0.00	0.09	0.68	0.10	2.84	7.93
10260	2.53	1.06	0.00	0.09	0.56	0.08	1.97	6.29	3.17	1.09	0.00	0.09	0.68	0.10	2.87	8.00
10265	2.97	1.27	0.00	0.09	0.80	0.12	2.31	7.56	3.72	1.30	0.00	0.09	0.96	0.14	3.37	9.58
10270	3.61	1.50	0.00	0.09	0.68	0.10	2.80	8.78	4.52	1.53	0.00	0.09	0.82	0.12	4.08	11.16
10275	7.31	3.18	0.00	0.09	2.39	0.36	5.70	19.03	9.13	3.26	0.00	0.09	2.88	0.43	8.32	24.11
10280	8.11	3.56	0.00	0.09	2.81	0.42	6.34	21.33	10.14	3.64	0.00	0.09	3.39	0.51	9.25	27.02
10290	2.83	1.18	0.00	0.09	0.56	0.08	2.20	6.94	3.54	1.21	0.00	0.09	0.68	0.10	3.20	8.82

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
10300	1.28	0.77	0.00	0.09	0.51	0.08	1.05	3.78								
10305	1.42	0.86	0.00	0.09	0.55	0.08	1.17	4.17								
10310	1.57	0.93	0.00	0.09	0.56	0.08	1.28	4.51								
10315	1.76	1.08	0.00	0.13	0.76	0.11	1.45	5.29								
10320	1.82	1.12	0.00	0.13	0.82	0.12	1.51	5.52								
10325	2.14	1.29	0.00	0.13	0.84	0.13	1.75	6.28								
10330	2.22	1.39	0.00	0.13	1.15	0.17	1.85	6.91								
10335	2.79	1.70	0.00	0.13	1.15	0.17	2.29	8.23								
10340	2.89	1.75	0.00	0.13	1.15	0.17	2.37	8.46								
10345	3.38	2.00	0.00	0.17	1.12	0.17	2.75	9.59								
10350	3.57	2.15	0.00	0.17	1.37	0.21	2.93	10.40								
10355	4.02	2.42	0.00	0.17	1.53	0.23	3.29	11.66								
10360	4.52	2.81	0.00	0.17	2.18	0.33	3.74	13.75								
10365	1.05	0.66	0.00	0.09	0.56	0.08	0.88	3.32								
10375	0.97	0.62	0.00	0.09	0.56	0.08	0.82	3.14								
10385	1.26	0.77	0.00	0.11	0.56	0.08	1.04	3.82								
10390	1.27	0.78	0.00	0.11	0.56	0.08	1.05	3.85								
10400	0.64	0.41	0.00	0.10	0.38	0.06	0.53	2.12								
10405	0.72	0.47	0.00	0.10	0.47	0.07	0.61	2.44								
10410	0.78	0.51	0.00	0.10	0.51	0.08	0.66	2.64								
10420	2.07	1.09	1.58	0.44	0.20	0.03	1.42	6.83								
10425	2.10	1.15	1.58	0.44	0.41	0.06	1.45	7.19								
10430	2.20	1.20	1.58	0.44	0.41	0.06	1.52	7.41								
10445	19.41	9.43	7.13	2.42	5.70	0.85	15.24	60.18	23.30	9.59	9.21	3.13	9.50	1.42	21.33	77.48
10450	26.79	13.20	10.30	3.50	9.81	1.47	21.07	86.14	32.15	13.41	13.30	4.52	16.35	2.45	29.50	111.68
10455	37.39	18.86	13.78	4.69	13.11	1.97	29.52	119.32	44.86	19.16	17.80	6.05	21.86	3.28	41.33	154.34
10460	17.07	8.36	7.13	2.42	5.70	0.85	13.41	54.94	20.48	8.49	9.21	3.13	9.50	1.42	18.77	71.00
10465	24.59	12.43	10.30	3.50	12.37	1.86	19.43	84.48	29.51	12.63	13.30	4.52	20.62	3.09	27.20	110.87
10470	31.75	16.58	13.78	4.69	15.51	2.33	25.23	109.87	38.10	16.85	17.80	6.05	25.85	3.88	35.32	143.85
10480	13.33	6.60	4.12	1.40	4.64	0.70	10.49	41.28	16.00	6.70	5.32	1.81	7.62	1.14	14.69	53.28
10485	17.33	8.43	4.12	1.40	4.64	0.70	13.61	50.23	20.80	8.57	5.32	1.81	7.62	1.14	19.05	64.31
10490	16.45	8.27	4.12	1.40	6.29	0.94	12.98	50.45	19.74	8.40	5.32	1.81	10.12	1.52	18.18	65.09
10495	19.85	9.83	6.10	2.07	6.29	0.94	15.63	60.71	23.82	9.99	7.88	2.68	10.12	1.52	21.88	77.89
10500	22.90	11.24	7.29	2.48	7.12	1.07	18.00	70.10	27.48	11.43	9.41	3.20	11.69	1.75	25.20	90.16
10505	26.75	13.38	7.29	2.48	9.66	1.45	21.10	82.11	32.10	13.60	9.41	3.20	15.53	2.33	29.54	105.71
10515	12.94	6.31	3.39	1.15	2.87	0.43	10.16	37.25	15.53	6.41	4.38	1.49	4.79	0.72	14.23	47.55
10520	20.70	10.02	7.13	2.42	5.70	0.85	16.23	63.05	24.84	10.19	9.21	3.13	9.50	1.42	22.73	81.02
10525	26.77	13.19	9.63	3.27	9.81	1.47	21.06	85.20	32.13	13.41	12.44	4.23	16.35	2.45	29.48	110.49
10530	35.10	17.63	10.23	3.48	11.76	1.76	27.70	107.66	42.12	17.91	13.22	4.49	19.60	2.94	38.78	139.06
10535	35.85	18.15	11.96	4.07	13.11	1.97	28.33	113.44	43.02	18.44	15.45	5.25	21.86	3.28	39.66	146.96
10545	11.59	5.61	3.41	1.16	3.13	0.47	9.09	34.46	13.91	5.70	4.40	1.50	5.22	0.78	12.73	44.24
10550	16.82	8.17	5.08	1.73	4.91	0.74	13.20	50.65	20.18	8.30	6.57	2.23	8.19	1.23	18.48	65.18
10555	20.09	10.08	7.81	2.66	9.34	1.40	15.85	67.23	24.11	10.25	10.09	3.43	15.57	2.33	22.20	87.98
10560	27.09	13.58	9.88	3.36	12.37	1.86	21.37	89.51	32.51	13.80	12.77	4.34	20.62	3.09	29.92	117.05
10565	39.93	20.02	13.31	4.52	13.11	1.97	31.51	124.37	47.92	20.35	17.19	5.84	21.86	3.28	44.11	160.55
10570	58.45	29.29	17.30	5.88	19.03	2.86	46.11	178.92	70.14	29.76	22.34	7.60	31.73	4.76	64.55	230.88
10580	20.54	9.95	6.65	2.26	5.70	0.85	16.11	62.06	24.65	10.11	8.59	2.92	9.50	1.42	22.55	79.74
10585	28.97	14.20	9.12	3.10	9.81	1.47	22.77	89.44	34.77	14.43	11.78	4.01	16.35	2.45	31.88	115.67
10590	30.70	15.23	10.17	3.46	12.37	1.86	24.18	97.97	36.84	15.48	13.14	4.47	20.62	3.09	33.85	127.49
10595	34.56	17.28	10.76	3.66	10.94	1.64	27.25	106.09	41.47	17.55	13.89	4.72	18.24	2.74	38.15	136.76
10600	38.37	19.31	12.96	4.41	13.11	1.97	30.29	120.42	46.04	19.62	16.74	5.69	21.86	3.28	42.40	155.63
10605	45.77	23.47	16.63	5.65	19.03	2.86	36.25	149.66	54.92	23.85	21.48	7.30	31.73	4.76	50.75	194.79
10620	8.52	4.61	3.76	1.20	1.75	0.26	7.17	27.27	10.23	4.68	4.95	1.58	2.35	0.35	9.32	33.46
10625	14.68	8.17	8.28	2.65	4.42	0.66	12.43	51.29	17.62	8.29	10.89	3.48	5.96	0.89	16.16	63.29
10630	20.31	11.38	11.29	3.61	6.58	0.99	17.22	71.38	24.37	11.55	14.85	4.75	8.86	1.33	22.39	88.10

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
10635	20.82	11.64	11.29	3.61	6.58	0.99	17.65	72.58	24.99	11.81	14.85	4.75	8.86	1.33	22.94	89.53
10640	25.06	14.04	13.79	4.41	8.09	1.21	21.25	87.85	30.07	14.24	18.15	5.81	10.89	1.63	27.62	108.41
10645	25.46	14.24	13.79	4.41	8.09	1.21	21.58	88.78	30.55	14.45	18.15	5.81	10.89	1.63	28.05	109.53
10655	14.71	8.19	8.28	2.65	4.42	0.66	12.45	51.36	17.65	8.31	10.89	3.48	5.96	0.89	16.19	63.37
10660	20.02	11.23	11.29	3.61	6.58	0.99	16.98	70.70	24.03	11.40	14.85	4.75	8.86	1.33	22.08	87.30
10665	20.32	11.38	11.29	3.61	6.58	0.99	17.23	71.40	24.38	11.55	14.85	4.75	8.86	1.33	22.39	88.11
10670	26.09	14.56	13.79	4.41	8.09	1.21	22.10	90.25	31.31	14.77	18.15	5.81	10.89	1.63	28.73	111.29
10675	26.52	14.78	13.79	4.41	8.09	1.21	22.45	91.25	31.82	14.99	18.15	5.81	10.89	1.63	29.19	112.48
10690	17.23	8.58	8.28	2.65	6.12	0.92	13.57	57.35	20.67	8.72	10.89	3.48	10.22	1.53	19.00	74.51
10695	24.99	12.65	11.29	3.61	9.86	1.48	19.75	83.63	29.99	12.86	14.85	4.75	15.96	2.39	27.65	108.45
10700	39.47	20.17	16.30	5.22	17.93	2.69	31.25	133.03	47.37	20.50	21.45	6.86	29.39	4.41	43.74	173.72
10710	16.23	8.12	6.95	2.22	5.99	0.90	12.80	53.21	19.47	8.25	9.14	2.93	9.91	1.49	17.92	69.11
10715	27.32	13.68	11.44	3.66	7.63	1.15	21.55	86.43	32.78	13.90	15.05	4.82	12.62	1.89	30.17	111.23
10730	17.90	8.89	8.28	2.65	6.12	0.92	14.10	58.86	21.48	9.03	10.89	3.48	10.22	1.53	19.74	76.37
10735	25.84	12.75	11.29	3.61	8.21	1.23	20.33	83.26	31.01	12.96	14.85	4.75	13.75	2.06	28.47	107.85
10750	0.35	0.11	0.95	0.23	0.04	0.01	0.54	2.23								
10755	0.55	0.16	1.55	0.37	0.04	0.01	0.83	3.51								
10760	0.59	0.17	0.57	0.17	0.04	0.01	0.89	2.44								
10765	0.66	0.19	0.85	0.26	0.04	0.01	1.00	3.01								
10775	4.58	1.25	3.36	0.94	0.04	0.01	6.86	17.04								
10780	6.95	1.89	5.91	1.66	0.04	0.01	10.40	26.86								
10795	1.06	0.53	0.00	0.01	0.00	0.00	0.72	2.32								
10800	1.23	0.62	0.00	0.01	0.00	0.00	0.84	2.70								
10805	1.43	0.72	0.00	0.01	0.00	0.00	0.98	3.14								
10815	1.84	0.97	0.47	0.12	0.20	0.03	1.26	4.89								
10820	2.09	1.10	0.47	0.12	0.20	0.03	1.43	5.44								
10825	2.33	1.22	0.47	0.12	0.20	0.03	1.59	5.96								
10840	0.23	0.09	1.14	0.34	0.00	0.00	0.13	1.93								
10845	0.28	0.11	1.42	0.43	0.00	0.00	0.16	2.40								
10855	0.41	0.18	2.81	0.67	0.02	0.00	0.46	4.55								
10860	0.44	0.19	2.81	0.67	0.02	0.00	0.48	4.61								
10865	0.47	0.21	4.69	1.12	0.02	0.00	0.53	7.04								
10870	0.61	0.27	4.97	1.19	0.02	0.00	0.67	7.73								
10880	0.57	0.25	0.84	0.20	0.02	0.00	0.63	2.51								
10885	0.61	0.27	1.18	0.28	0.02	0.00	0.67	3.03								
10890	0.67	0.30	1.18	0.28	0.05	0.01	0.75	3.24								
10895	0.73	0.33	1.99	0.48	0.05	0.01	0.81	4.40								
10905	0.23	0.09	0.57	0.17	0.00	0.00	0.14	1.20								
10910	0.24	0.09	1.14	0.34	0.00	0.00	0.14	1.95								
10920	0.11	0.04	1.08	0.32	0.00	0.00	0.06	1.61								
10925	0.14	0.05	1.37	0.41	0.00	0.00	0.08	2.05								
10930	0.37	0.14	1.71	0.51	0.00	0.00	0.22	2.95								
10935	0.65	0.25	2.39	0.72	0.00	0.00	0.38	4.39								
10945	0.05	0.02	1.08	0.32	0.00	0.00	0.03	1.50								
10950	0.16	0.06	1.37	0.41	0.00	0.00	0.09	2.09								

APPENDIX A

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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.

Sales or Import Tax Rate:					5.50 %
Working Hours Per Year:					1,450 Hrs/Yr
Labor Adjustment Factor (LAF):					1.030
Electricity Cost Per Kilowatt-Hour:					$ 0.095 /Kw-Hr
Gasoline Cost Per Gallon:					$ 0.890 /Gal.
Diesel Cost Per Gallon (Off-Road Use):					$ 0.660 /Gal.
Diesel Cost Per Gallon (On-Road Use):					$ 0.910 /Gal.
Freight Rates:		0	thru	24,000 lbs.	$ 7.400 /Cwt.
	over	24,000	thru	50,000 lbs.	$ 6.850 /Cwt.
	over	50,000	thru	60,000 lbs.	$ 5.900 /Cwt.
	over	60,000	thru	80,000 lbs.	$ 4.900 /Cwt.
	over	80,000	thru	9999,900 lbs.	$ 4.150 /Cwt.

APPENDIX C

GUIDE FOR SELECTING OPERATING CONDITIONS

EQUIPMENT TYPE	AVERAGE	SEVERE
Cranes, Crawler Truck	Lift less than rated capacity, intermittent duty.	Continuous lift near rated capacity, excessive swing, abrasive materials, sloped surfaces.
Depreciation Period	10,000 - 15,000 Hrs.	8,000 - 14,000 Hrs.
Shovels	Gravels, silts, well broken rock, lift less than rated capacity.	Extremely abrasive tough materials, lifting near rated capacity, impact breakout.
Depreciation Period	6,000 - 14,000 Hrs.	5,000 - 12,000 Hrs.
Draglines	Gravels, silts, pull and lift less than rated capacity.	Highly abrasive materials, impact breakout, continuous load near rated capacity.
Depreciation Period	9,000 - 15,000 Hrs.	8,000 - 14,000 Hrs.
Backhoes	Clay, earth digging, no breakout impact, easy continuous or intermittent duty.	Rock work,pull near rated capacity, uneven surface, impact breakout, abrasive materials.
Depreciation Period	6,000 - 11,000 Hrs.	5,000 - 9,000 Hrs.

GUIDE FOR SELECTING OPERATING CONDITIONS (Continued)

EQUIPMENT TYPE	AVERAGE	SEVERE
Tractors, Crawler Type	Production dozing in clays, sands, gravels and talus rock. Push-loading scrapers, borrow pit ripping, most landclearing and skidding applications. Medium impact conditions.	Heavy rock ripping. Tandem ripping. Pushloading and dozing in hard rock. Continuous high impact conditions.
Depreciation Period	8,000 - 9,000 Hrs.	6,000 - 8,000 Hrs.
Tractors, Wheel-Type	Production dozing, pushloading in clays, sands, silts, loose gravels. Shovel cleanup.	Production dozing in rock. Push-loading in rocky, bouldery borrow pits. High impact conditions.
Depreciation Period	8,000 Hrs.	6,000 Hrs.
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	8,000 Hrs.	6,000 Hrs.
Trucks, Off Highway	Varying loading and haul road conditions. Typical road-building use on a variety of jobs.	Consistently poor haul road conditions. Oversized loading equipment.
Depreciation Period	9,000 Hrs.	8,000 Hrs.

GUIDE FOR SELECTING OPERATING CONDITIONS (Continued)

EQUIPMENT TYPE	AVERAGE	SEVERE
Trucks, Highway	Varying loading and road conditions. Typical construction use on a variety of jobs.	Consistently poor road conditions. Oversized loading equipment.
Depreciation Period	5,000 - 6,000 Hrs.	4,000 - 5,000 Hrs.
Loaders, Front End Wheel Type	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.	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.
Depreciation Period	8,000 - 9,000 Hrs.	6,000 - 8,000 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	8,000 Hrs.	6,000 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	9,000 Hrs.	8,000 Hrs.

APPENDIX D

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS

TABLE LEGEND
****

C - OPERATING CONDITIONS
A - AVERAGE CONDITIONS
S - SEVERE CONDITIONS
LFE - EQUIP LIFE (1000 HRS)
SLV - EQUIP SALVAGE (%)
HP - HORSEPOWER FACTOR (%)
FOG-E - ELECTRIC FOG (%)
FOG-G - GAS FOG (%)

TABLE LEGEND
****

FOG-D - DIESEL FOG (%)
E - ELECT. CONSUMPTION (KW/HP/HR)
G - GAS CONSUMPTION (GAL/HP/HR)
D - DIESEL CONSUMPTION (GAL/HP/HR)
F-TIRE - FRONT TIRE WEAR FACTOR(%)
D-TIRE - DRIVE TIRE WEAR FACTOR(%)
T-TIRE - TRAIL TIRE WEAR FACTOR(%)
RPR - REPAIR FACTOR (%)

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (CONTINUED)

KEY NO.	TYPE OF EQUIPMENT	C	LFE	SLV	EQUIPMENT POWER				CARRIER POWER				FOG			TIRES			RPR
					HP	E	G	D	HP	E	G	D	E	G	D	F	D	T	
15	AGGREGATE SPREADERS	A	10	20	50	.000	.051	.030	0	.000	.000	.000	0	24	24	97	69	99	70
30	AIR COMPRESSORS	A	10	25	65	.650	.066	.038	0	.000	.000	.000	45	32	28	0	0	90	70
45	AIR TOOLS, SANDBLASTERS, ETC	A	4	20	65	.650	.066	.038	0	.000	.000	.000	45	32	28	81	65	90	150
60	ASPHALT DISTRIBUTORS	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	32	28	71	57	79	85
65	ASPHALT AND CONCRETE PAVERS	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	32	28	83	66	92	90
70	ASPHALT KETTLES AND RECYCLERS	A	8	20	65	.000	.066	.038	0	.000	.000	.000	0	32	28	76	60	84	80
	BACKHOE (SEE KEY NO. 570-601)																		
75	BROOMS	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	24	28	81	65	90	80
80	BRUSH CHIPPERS	A	10	20	45	.000	.046	.027	0	.000	.000	.000	0	32	28	0	0	90	90
90	BUCKETS, CLAMSHELL & DRAGLINE	A	10	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	70
90		S	8	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
95	BUCKETS, CONCRETE	A	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	70
105	CONCRETE OR GROUT PUMP	A	8	15	95	.000	.097	.056	0	.000	.000	.000	45	32	28	81	65	90	90
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	A	8	20	65	.650	.066	.038	0	.000	.000	.000	45	32	28	0	0	90	80
125	CONCRETE FINISHERS, BLASTERS & BUGGIES	A	6	20	70	.700	.071	.041	0	.000	.000	.000	50	32	28	0	0	90	80
130	CONCRETE SAWS	A	8	20	90	.900	.091	.053	0	.000	.000	.000	45	32	38	0	0	90	90
135	CONCRETE VIBRATORS	A	4	20	65	.650	.066	.038	0	.000	.000	.000	45	32	38	0	0	0	250
140	COMPACTORS, MANUALLY OPERATED	A	6	20	90	.900	.091	.053	0	.000	.000	.000	45	24	24	0	0	85	120
	CRANE, CRAWLER TYPE																		
150	0 THRU 25 TON	A	13	15	40	.000	.041	.024	0	.000	.000	.000	0	32	32	0	0	0	55
150		S	11	15	52	.000	.053	.031	0	.000	.000	.000	0	32	32	0	0	0	60
165	OVER 25 TON THRU 50 TON	A	15	15	40	.000	.041	.024	0	.000	.000	.000	0	20	20	0	0	0	65
165		S	13	15	52	.000	.053	.031	0	.000	.000	.000	0	20	20	0	0	0	70
170	OVER 50 TON THRU 150 TON	A	18	15	40	.000	.041	.024	0	.000	.000	.000	0	22	22	0	0	0	75
170		S	16	15	52	.000	.053	.031	0	.000	.000	.000	0	22	22	0	0	0	80
180	OVER 150 TON	A	20	15	40	.000	.041	.024	0	.000	.000	.000	0	24	24	0	0	0	85
180		S	18	15	52	.000	.053	.031	0	.000	.000	.000	0	24	24	0	0	0	90
	DRAGLINE & CLAMSHELL,CRAWLER																		
185	0 THRU 1 CY	A	12	15	50	.000	.051	.030	0	.000	.000	.000	0	32	32	0	0	0	70
185		S	10	15	65	.000	.066	.038	0	.000	.000	.000	0	32	32	0	0	0	80
190	OVER 1 CY THRU 2-1/2 CY	A	15	15	50	.000	.051	.030	0	.000	.000	.000	0	20	20	0	0	0	80
190		S	13	15	65	.000	.066	.038	0	.000	.000	.000	0	20	20	0	0	0	90
195	OVER 2-1/2 CY THRU 5 CY	A	18	15	50	.000	.051	.030	0	.000	.000	.000	0	22	22	0	0	0	90

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (CONTINUED)

KEY NO.	TYPE OF EQUIPMENT	C	LFE	SLV	EQUIPMENT POWER				CARRIER POWER				FOG			TIRES			RPR
					HP	E	G	D	HP	E	G	D	E	G	D	F	D	T	
195		S	16	15	65	.000	.066	.038	0	.000	.000	.000	0	22	22	0	0	0	100
196	OVER 5 CY	A	20	15	50	.000	.051	.030	0	.000	.000	.000	0	24	24	0	0	0	100
196		S	18	15	65	.000	.066	.038	0	.000	.000	.000	0	24	24	0	0	0	110
200	CRANES, HYDRAULIC, SELF-PROPELLED	A	16	15	65	.000	.066	.038	0	.000	.000	.000	0	32	30	89	71	90	70
205	CRANES, TOWER	A	18	20	65	.650	.066	.038	10	.100	.010	.006	50	30	26	0	0	0	80
	CRANES & HYD. EXC. , TRK MTD																		
210	UNDER 26 T. (THRU 1 CY)	A	15	15	65	.000	.066	.038	10	.000	.010	.006	0	38	36	97	78	0	50
210		S	13	15	85	.000	.086	.050	13	.000	.013	.007	0	38	36	86	61	0	55
225	26 THRU 65 T (1 TH 2-1/2 CY)	A	18	15	65	.000	.066	.038	10	.000	.010	.006	0	30	26	97	78	0	60
225		S	16	15	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	61	0	65
230	66 THRU 125 T	A	20	15	65	.000	.066	.038	10	.000	.010	.006	0	30	26	97	78	0	70
230		S	18	15	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	61	0	75
240	OVER 125 T	A	22	15	65	.000	.066	.038	10	.000	.010	.006	0	30	26	97	78	0	80
240		S	20	15	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	61	0	85
255	DRILL, AUGER	A	10	20	50	.500	.051	.030	0	.000	.000	.000	45	32	28	67	57	0	90
270	DRILL, BLAST HOLE	A	10	20	80	.800	.081	.047	0	.000	.000	.000	45	32	28	62	44	0	90
300	DRILL, CORE	A	10	20	80	.800	.081	.047	0	.000	.000	.000	45	16	24	0	0	0	90
315	DRILL, ROTARY TO 11" DIA. HOLE	A	15	20	80	.000	.081	.047	10	.000	.010	.006	0	38	38	62	44	0	90
330	DRILL, ROTARY OVER 11" DIA.	A	20	20	80	.000	.081	.047	10	.000	.010	.006	0	32	32	62	44	0	90
345	DRILL, ROTARY OVER 11" DIA., ELECTRIC	A	20	20	70	.700	.000	.000	10	.900	.000	.000	50	0	0	0	0	0	45
375	FORK LIFTS	A	10	20	65	.650	.066	.038	0	.000	.000	.000	45	24	24	87	78	90	70
390	GRADERS	A	12	25	60	.000	.061	.035	0	.000	.000	.000	0	20	34	89	71	0	60
390		S	10	25	78	.000	.079	.046	0	.000	.000	.000	0	20	34	71	51	0	70
420	GENERATORS	A	8	15	65	.000	.066	.038	0	.000	.000	.000	0	24	24	0	0	90	60
420		S	7	15	85	.000	.086	.050	0	.000	.000	.000	0	24	24	0	0	90	70
435	HOIST	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	24	24	0	0	0	80
	HYD. EXCAVATOR (SEE KEY NO. 570-601)																		
438	LAWN MOWERS	A	4	15	80	.800	.081	.047	0	.000	.000	.000	45	24	24	81	65	90	60
440	LIGHT PLANTS	A	8	25	85	.000	.086	.050	0	.000	.000	.000	0	24	24	0	0	90	150
450	LOADER, BELT	A	10	20	65	.650	.066	.038	0	.000	.000	.000	45	28	28	26	0	99	90
450		S	8	20	85	.850	.086	.050	0	.000	.000	.000	45	28	28	16	0	96	100
460	LOADER,FRONT END &LOADER F/E	A	10	20	70	.000	.071	.041	0	.000	.000	.000	0	32	38	0	0	0	125
460	WITH BACKHOE,CRAWLER TYPE	S	8	20	91	.000	.092	.054	0	.000	.000	.000	0	32	38	0	0	0	130

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (CONTINUED)

KEY NO.	TYPE OF EQUIPMENT	C	LFE	SLV	EQUIPMENT POWER HP	E	G	D	CARRIER POWER HP	E	G	D	FOG E	G	D	TIRES F	D	T	RPR
	LOADER, WHEEL TYPE																		
465	0 THRU 225 HP	A	10	25	65	.000	.066	.038	0	.000	.000	.000	0	32	42	70	42	0	70
465		S	8	25	85	.000	.086	.050	0	.000	.000	.000	0	32	42	41	22	0	75
470	OVER 225 HP	A	12	15	65	.000	.066	.038	0	.000	.000	.000	0	32	30	70	42	0	70
470		S	10	15	85	.000	.086	.050	0	.000	.000	.000	0	32	30	41	22	0	75
475	LOADER, FRONT END WITH	A	10	25	65	.000	.066	.038	0	.000	.000	.000	0	32	32	72	50	0	80
475	BACKHOE,WHEEL TYPE	S	8	25	85	.000	.086	.050	0	.000	.000	.000	0	32	32	57	35	0	85
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	A	6	35	65	.000	.066	.038	0	.000	.000	.000	0	32	32	0	0	0	90
485	PIPELAYERS	A	12	25	35	.000	.000	.021	0	.000	.000	.000	0	0	40	0	0	0	75
485		S	10	25	45	.000	.000	.027	0	.000	.000	.000	0	0	40	0	0	0	85
	PUMP, GROUT (SEE KEY NO. 105)																		
495	PUMP, WATER, ENGINE DRIVE	A	10	25	90	.000	.091	.053	0	.000	.000	.000	0	32	38	0	0	0	80
500	PUMP, WATER, ELECTRIC DRIVE	A	10	25	90	.900	.000	.000	0	.000	.000	.000	45	0	0	0	0	0	40
510	RIPPERS	A	8	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
510		S	6	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	90
525	ROLLERS,EXCEPT VIB. ROLLERS	A	10	20	65	.000	.066	.038	65	.000	.066	.038	0	24	24	76	60	84	80
530	ROLLERS, VIBRATORY	A	8	20	90	.000	.091	.053	90	.000	.091	.053	0	32	32	76	60	84	100
535	ROOFING EQUIPMENT	A	6	15	60	.600	.061	.035	0	.000	.000	.000	45	24	24	0	0	90	80
540	SCRAPERS, STANDARD	A	10	15	60	.000	.000	.035	60	.000	.000	.035	0	0	32	59	33	65	60
540		S	8	15	78	.000	.000	.046	78	.000	.000	.046	0	0	32	39	19	43	65
542	SCRAPERS, TANDEM POWERED	A	10	15	62	.000	.000	.037	62	.000	.000	.037	0	0	26	59	33	65	65
542		S	8	15	81	.000	.000	.048	81	.000	.000	.048	0	0	26	39	19	43	70
	SCRAPERS, ELEVATING																		
545	0 THRU 200 HP	A	10	20	66	.000	.000	.039	66	.000	.000	.039	0	0	40	59	33	65	75
545		S	8	20	86	.000	.000	.051	86	.000	.000	.051	0	0	40	39	19	43	80
550	OVER 200 HP	A	10	15	66	.000	.000	.039	66	.000	.000	.039	0	0	32	59	33	65	65
550		S	8	15	86	.000	.000	.051	86	.000	.000	.051	0	0	32	39	19	43	70
555	SCRAPERS, TRACTOR DRAWN	A	12	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	65	0	72	70
555		S	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	50	0	55	75
560	SOIL STABILIZERS	A	10	20	66	.000	.000	.039	66	.000	.000	.039	0	0	28	59	33	65	75
560		S	8	20	86	.000	.000	.051	86	.000	.000	.051	0	0	28	39	19	43	85
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED																		
570	0 THRU 1 CY	A	8	25	60	.000	.061	.035	0	.000	.000	.000	0	38	38	0	0	0	70
570		S	6	25	78	.000	.079	.046	0	.000	.000	.000	0	38	38	0	0	0	80

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (CONTINUED)

KEY NO.	TYPE OF EQUIPMENT	C	LFE	SLV	EQUIPMENT POWER HP	E	G	D	CARRIER POWER HP	E	G	D	EOG E	G	D	TIRES F	D	T	RPR
585	OVER 1 CY THRU 2-1/2 CY	A	10	20	60	.000	.061	.035	0	.000	.000	.000	0	20	20	0	0	0	80
585		S	8	20	78	.000	.079	.046	0	.000	.000	.000	0	20	20	0	0	0	90
595	OVER 2-1/2 CY THRU 5 CY	A	12	15	60	.000	.061	.035	0	.000	.000	.000	0	22	22	0	0	0	90
595		S	10	15	78	.000	.079	.046	0	.000	.000	.000	0	22	22	0	0	0	100
600	OVER 5 CY	A	14	15	60	.000	.061	.035	0	.000	.000	.000	0	24	24	0	0	0	110
600		S	12	15	78	.000	.079	.046	0	.000	.000	.000	0	24	24	0	0	0	120
601	OVER 2-1/2 CY ELECTRIC	A	18	20	50	.500	.000	.000	0	.000	.000	.000	25	0	0	0	0	0	70
601		S	16	20	65	.650	.000	.000	0	.000	.000	.000	25	0	0	0	0	0	80
	TRACTOR, CRAWLER TYPE																		
615	0 THRU 225 HP	A	10	25	70	.000	.000	.041	0	.000	.000	.000	0	0	36	0	0	0	110
615		S	8	25	91	.000	.000	.054	0	.000	.000	.000	0	0	36	0	0	0	120
620	226 HP THRU 425 HP (PER	A	10	20	70	.000	.000	.041	0	.000	.000	.000	0	0	28	0	0	0	90
620	UNIT FOR TANDEM TRACTORS)	S	8	20	91	.000	.000	.054	0	.000	.000	.000	0	0	28	0	0	0	100
625	OVER 425 HP	A	12	15	70	.000	.000	.041	0	.000	.000	.000	0	0	24	0	0	0	90
625		S	10	15	91	.000	.000	.054	0	.000	.000	.000	0	0	24	0	0	0	100
630	TRACTOR, BLADES, PUSH BLOCKS,	A	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
630	PUSH PLATES & CLEARING BLADES	S	8	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	90
645	TRACTOR, WHEEL TYPE	A	10	15	65	.000	.066	.038	0	.000	.000	.000	0	24	28	73	44	0	60
645		S	8	15	85	.000	.086	.050	0	.000	.000	.000	0	24	28	38	21	0	65
650	TRENCHER	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	28	28	91	68	0	90
650		S	8	20	85	.000	.086	.050	0	.000	.000	.000	0	28	28	77	48	0	100
655	TRAILERS, BOTTOM DUMP AND	A	10	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	65	60
655	END DUMP	S	8	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	54	70
660	TRAILERS, FLATBED, LO-BOY AND TILT	A	10	30	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	65	50
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING																		
670	DUMP BODIES	A	8	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	70
670		S	6	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
675	ALL OTHER ACCESSORIES	A	8	20	65	.650	.066	.000	0	.000	.000	.000	45	32	32	0	0	0	70
	TRUCK, HIGHWAY																		
690	0 THRU 10,000 GVW	A	6	25	15	.000	.015	.009	0	.000	.000	.000	0	28	24	41	29	0	70
690		S	5	25	20	.000	.020	.012	0	.000	.000	.000	0	28	24	36	22	0	80
695	OVER 10,000 THRU 30,000 GVW	A	8	25	35	.000	.035	.020	0	.000	.000	.000	0	30	26	49	39	0	60
695		S	6	25	46	.000	.045	.026	0	.000	.000	.000	0	30	26	42	30	0	70
705	OVER 30,000 GVW	A	8	20	50	.000	.052	.030	0	.000	.000	.000	0	32	28	51	38	57	60
705		S	6	20	65	.000	.067	.039	0	.000	.000	.000	0	32	28	43	29	48	70

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (CONTINUED)

KEY NO.	TYPE OF EQUIPMENT	C	LFE	SLV	EQUIPMENT POWER				CARRIER POWER				FOG			TIRES			RPR
					HP	E	G	D	HP	E	G	D	E	G	D	F	D	T	
720	TRUCK, OFF-HIGHWAY	A	12	15	40	.000	.000	.024	0	.000	.000	.000	0	0	34	59	36	65	60
720		S	10	15	52	.000	.000	.031	0	.000	.000	.000	0	0	34	39	21	43	70
765	WAGON, BOTTOM & REAR DUMP	A	12	15	65	.000	.066	.038	0	.000	.000	.000	0	24	32	59	39	65	60
765		S	10	15	85	.000	.086	.050	0	.000	.000	.000	0	24	32	39	22	43	70
780	WAGON, WATER	A	12	20	65	.000	.066	.038	0	.000	.000	.000	0	24	32	73	55	81	60
780		S	10	20	85	.000	.086	.050	0	.000	.000	.000	0	24	32	56	40	62	65
785	WATER BLASTER	A	6	20	95	.600	.097	.056	0	.000	.000	.000	30	24	28	0	0	90	110
795	WATER TANKS	A	12	20	65	.000	.066	.038	0	.000	.000	.000	0	24	28	77	73	90	50
810	WELDERS	A	8	30	80	.000	.081	.047	0	.000	.000	.000	0	24	24	0	0	90	70
811	WELDERS ELECTRIC POWER	A	8	25	60	.600	.000	.000	0	.000	.000	.000	30	0	0	0	0	90	40

APPENDIX E

ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT 1967 = 1000

	YEAR PURCHASE NEW												
	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976
	AGE IN YEARS												
CATEGORY	0	1	2	3	4	5	6	7	8	9	10	11	12
Air Equipment	1781	~~1729~~ 1730	1720	1733	1683	1695	1668	1563	1630	1521	1354	1295	1186
Asphalt & Concrete Paving Equipment	2785	2730	2687	2687	2611	2583	2620	2461	2296	2111	1941	1815	1686
Buckets	4862	~~4767~~ 4768	4713	4640	4527	4471	4541	4313	3879	3280	2963	2738	2520
Cranes, Draglines & Clamshells - Crawler & Truck Mounted	3678	3595	3485	3395	3339	3282	3213	3009	2782	2512	2301	2138	2010
Drills	2848	2792	2786	2832	2803	2836	2810	2602	2265	1993	1858	1699	1638
Generators	~~3732~~ 3773	3575	3514	3510	3400	3314	3236	3160	2817	2390	2301	2128	2053
Graders, Motor	4068	~~3915~~ 3914	3759	3738	3645	3643	3561	3276	2992	2687	2492	2259	2109
Loaders, Track	4178	~~3919~~ 3918	3770	3767	3791	3792	3655	3349	3061	2750	2482	2247	2053
Loaders, Wheel	4308	4099	3991	3973	3944	3873	3788	3441	2938	2606	2375	2156	2002
Pile Driving Equipment	3832	~~3746~~ 3745	3668	3626	3570	3519	3439	3208	2894	2562	2329	2135	1989
Rollers	4371	~~4215~~ 4217	4151	4090	3926	3744	3431	3199	2913	2653	2396	2139	1983
Scrapers and Soil Stabilizers	4068	~~3915~~ 3914	3759	3738	3645	3643	3561	3276	2992	2687	2492	2259	2109
Shovels, Backhoes & Hydraulic Excavators	3678	3595	3485	3395	3339	3282	3213	3009	2782	2512	2301	2138	2010
Tractors, Crawler & Attachments	4178	~~3919~~ 3918	3770	3767	3791	3792	3655	3349	3061	2750	2482	2247	2053
Tractors, Wheel	3992	~~3861~~ 3862	3820	3818	3656	3557	3530	3256	2927	2578	2319	2125	1956
Trenchers	4692	~~4600~~ 4613	4586	4488	4431	4360	4097	3618	3153	2772	2580	2300	1894
Trucks, Highway	3365	~~3299~~ 3289	3282	3139	3055	2934	2824	2638	2324	2108	1934	1775	1646
Trucks & Wagons - Off Highway	4064	3915	3840	3822	3786	3744	3662	3363	2964	2588	2364	2196	2081
All Other Equipment	~~3832~~ 3845	~~3746~~ 3745	3668	3626	3570	3519	3439	3208	2894	2562	2329	2135	1989
All Tires & Tubes	2393	~~2321~~ 2322	2340	2374	2421	2453	2552	2506	2369	2055	1792	1699	1615
Marine Equipment	~~3950~~ 3903	~~3880~~ 3869	3863	3749	3633	3497	3391	3239	2922	2587	2352	2156	2008

APPENDIX E

ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT 1967 = 1000

	YEAR PURCHASE NEW												
	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963
	AGE IN YEARS												
CATEGORY	13	14	15	16	17	18	19	20	21	22	23	24	25
Air Equipment	1165	1028	935	920	929	936	918	970	1000	992	954	872	853
Asphalt & Concrete Paving Equipment	1610	1451	1304	1263	1235	1163	1091	1044	1000	963	931	905	872
Buckets	2175	1838	1430	1370	1316	1188	1062	1025	1000	1000	1003	978	971
Cranes, Draglines, & Clamshells - Crawler & Truck Mounted	1843	1522	1305	1260	1212	1147	1090	1049	1000	967	930	914	890
Drills	1559	1373	1249	1184	1160	1115	1052	1037	1000	993	971	914	904
Generators	1839	1456	1316	1293	1243	1188	1089	1029	1000	947	924	916	901
Graders, Motor	1956	1604	1361	1244	1208	1152	1101	1053	1000	975	951	923	903
Loaders, Track	1916	1573	1329	1219	1184	1135	1100	1079	1000	956	936	914	882
Loaders, Wheel	1907	1584	1362	1317	1261	1197	1144	N/A	N/A	N/A	N/A	N/A	N/A
Pile Driving Equipment	1852	1523	1307	1257	1218	1159	1104	N/A	N/A	N/A	N/A	N/A	N/A
Rollers	1872	1556	1328	1279	1230	1178	1082	1049	1000	962	936	908	903
Scrapers, and Soil Stabilizers	1956	1604	1361	1244	1208	1152	1101	1053	1000	975	951	923	903
Shovels, Backhoes & Hydraulic Excavators	1843	1522	1305	1260	1212	1147	1090	1049	1000	967	930	914	890
Tractors, Crawler & Attachments	1916	1573	1329	1219	1184	1135	1100	1079	1000	956	936	914	882
Tractor, Wheel	1843	1498	1288	1251	1211	1152	1109	1050	1000	962	927	902	875
Trenchers	1633	1527	1384	1316	1284	1207	1113	1051	1000	990	961	950	919
Truck, Highway	1524	1369	1230	1211	1185	1114	1062	1033	1000	980	975	965	967
Trucks & Wagons - Off Highway	1965	1568	1315	1293	1245	1190	1135	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment	1852	1523	1307	1257	1218	1159	1104	1057	1000	965	936	912	890
All Tires & Tubes	1485	1334	1114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Marine Equipment	1870	1538	1320	1269	1230	1170	1115	1067	1000	974	945	921	899

APPENDIX E

ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT 1967 = 1000

	YEAR PURCHASE NEW					
	1962	1961	1960	1959	1958	1957
	AGE IN YEARS					
CATEGORY	26	27	28	29	30	31
Air Equipment	843	846	781	775	743	706
Asphalt & Concrete Paving Equipment	858	844	830	812	777	745
Buckets	953	950	950	960	1020	1014
Cranes, Draglines, & Clamshells - Crawler & Truck Mounted	868	862	859	841	817	795
Drills	904	901	852	851	798	737
Generators	892	932	1007	1007	987	936
Graders, Motor	877	869	872	866	829	802
Loaders, Track	861	857	840	817	786	748
Loaders, Wheel	N/A	N/A	N/A	N/A	N/A	N/A
Pile Driving Equlpment	N/A	N/A	N/A	N/A	N/A	N/A
Rollers	900	885	874	819	749	706
Scrapers, and Soil Stabilizers	877	869	872	866	829	802
Shovels, Backhoes & Hydraulic Excavators	868	862	859	841	817	795
Tractors, Crawler & Attachments	861	857	840	817	786	748
Tractor, Wheel	858	858	852	842	825	792
Trenchers	915	902	888	859	833	825
Truck, Highway	975	981	981	1006	986	945
Trucks & Wagons - Off Highway	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment	875	873	859	841	812	782
All Tires & Tubes	N/A	N/A	N/A	N/A	N/A	N/A
Marine Equipment	883	881	867	849	820	790

APPENDIX F

TIRE LIFE AND TIRE WEAR FACTORS

F-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 F-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
		0.648	0.428
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 F-1. Rear and Bottom Wagons (Off-Highway), Scrapers

TABLE F-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 G

EQUIPMENT EXTRAS

In addition to features required for safety, the following extras 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:

(1) Crane, Crawler-Mounted.

(a) Power load lowering.
(b) Independent swing and travel.
(c) Third drum.
(d) Torque converter (Machines 25 ton or larger.)
(e) One-half maximum boom length (Machines 60 ton or smaller.)
(f) Maximum boom length (Machines larger than 60 ton.)
(g) Counterweight.

(2) Dragline and Clamshell, Crawler-Mounted.

(a) Power load lowering.
(b) Independent swing and travel.
(c) Third drum.
(d) Torque converter (Machines 1-1/2 C.Y. or larger.)
(e) Approximately one-half maximum boom length.
(f) Counterweight.

(3) Backhoe and Shovel, Crawler-Mounted.

(a) Power load lowering.
(b) Torque converter (Machines 1-1/2 C.Y. or larger.)
(c) Counterweight.

(4) Truck Crane Less than 25 Ton.

(a) Power load lowering.
(b) Third drum.
(c) Mechanical outriggers w/screw jacks.
(d) Power steering.
(e) Maximum boom length.
(f) Counterweight.

(5) Truck Crane 25 Ton and Larger.

(a) Power load lowering.
(b) Third drum.
(c) Hydraulic outriggers w/screw jacks.
(d) Torque converter when available (upper only).
(e) Power steering.
(f) Diesel engines.
(g) Maximum boom length.
(h) Counterweight.

(6) Excavators, Hydraulic.

(a) Backhoe bucket (standard).
(b) Backhoe stick (medium length).
(c) Backhoe boom (one piece).
(d) Backhoe bucket linkage (includes cylinder).
(e) Guards.
(f) Counterweight.
(g) Alternator (heavy-duty) and lights.
(h) Tool kit.

(7) Grader.

(a) Enclosed operators' cab.
(b) Scarifier.
(c) Front wheel lean.
(d) Power circle.
(e) Hydraulic shift and tilt moldboard.
(f) End bits.
(g) Alternator (heavy-duty) and lights.
(h) Tool kit.

(8) Belt Loader.

(a) Power unit.
(b) Head pulley clutch and backstop.
(c) Belt cleaner and belt installing equip.
(d) King pin attachment.

(9) Loader 1-1/2 C.Y. and Larger.

(a) Reversible fan blade.
(b) Guard, power train.
(c) Automatic bucket positioner.
(d) Counterweight.
(e) Rock buckets (Machines 4 C.Y. or larger.)
(f) Alternator (heavy-duty) and lights.
(g) Tool kit.

(10) Scraper.

(a) Control single lever.
(b) Reversible fan blade.
(c) Flood light.
(d) Alternator (heavy-duty) and lights.
(e) Guards, power train.
(f) Tool kit.

(11) Tractor, Crawler.

(a) Hydraulic controls for ripper and blade.
(b) Guards.
(c) Reversible fan blade.
(d) Alternator (heavy-duty) and lights.
(e) Hook, front pull.
(f) Track Grousers (Severe service for units over 200 hp.)
(g) Blades include counterweights where required.
(h) Tool kit.

(12) Tractor, Wheel Dozer.

(a) Hydraulic controls for ripper and blade.
(b) Guards.
(c) Reversible fan blade.
(d) Alternator (heavy-duty) and lights.
(e) Blade.
(f) Counterweight.
(g) Tool kit.

(13) Trucks, Off-Highway.

(a) No-spin differential.
(b) Tacograph.
(c) Engine and transmission guards.
(d) Body liners.
(e) Tool kit.

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, the ownership expense percent 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.

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 pieces of equipment exceeds the normal life, one year shall be added to the actual age for each year past the normal life 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 a part of operating costs and will be allocated on an equal annual basis over the years between such occurrences, in accordance with paragraph 31.205-24 of FAR.

b. Cost of Facilities Capital (CFC). 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.

$$CFC = \frac{[(N-1)\ (1+S) + 2]\ (7.40\%)}{2N}$$

where: N = Number of years in depreciation period
S = Salvage Value Factor
7.40% = Discounted cost of money in effect at the time the work was performed or current rate.

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 (layup), and insurance are considered indirect (overhead) costs (see paragraph 2-2.c.(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 the 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 part of operating costs.

3. Annual Use. Marine equipment is normally operated on multi-shift basis and depending on the job, up to 7 days per week, with costs normally kept on a monthly basis. This is the preferred practice. However, if an hourly or daily basis is used, the 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 the ownership expense for marine equipment as described in the schedule, the average use per year for Region I shall be 7 months.

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 2-2.d.(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 2-2.d.(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 2-2.d.(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 for 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, WLS (FOG) and REPAIRS. Assume a 24" hydraulic dredge was purchased new in 1985 for $3,700,000 including tax and delivery.

APPENDIX H

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

TYPE OF EQUIPMENT	LIFE (YRS)	SALVAGE VALUE FACTOR	PERCENT ANNUAL OWNERSHIP EXPENSE: DEPRECIATION	CFC	ANNUAL EXPENSE	HOURLY OPERATING EXPENSE FACTORS: PRIME POWER HP	%	G	D	SECONDARY POWER HP	%	G	D	WLS % G	WLS % D	RPR %
Hydraulic Dredge, including hydraulic dredges used as Booster Pump (on land):																
10-inch thru 14-inch	20	0.05	4.75	4.06	8.81	80	0.000	0.047		70	0.000	0.041		0	33	80
16-inch thru 22-inch	25	0.10	3.60	4.20	7.80	80	0.000	0.047		70	0.000	0.041		0	33	90
24-inch and over	30	0.10	3.00	4.18	7.18	80	0.000	0.047		70	0.000	0.041		0	33	100
Dredge: Pipeline/Booster Pump (on water)																
10-inch thru 14-inch	20	0.05	4.75	4.06	8.81	80	0.000	0.047		70	0.000	0.041		0	33	90
16-inch thru 22-inch	25	0.10	3.60	4.20	7.80	80	0.000	0.047		70	0.000	0.041		0	33	110
24-inch and over	30	0.10	3.00	4.18	7.18	80	0.000	0.047		70	0.000	0.041		0	33	120
Dredge: Clamshell/ Dragline (Bucket)	20	0.05	4.75	4.06	8.81	65	0.000	0.041		65	0.000	0.041		0	33	120
Dredge: Dipper/Hyd Excav	25	0.05	3.80	4.03	7.83	65	0.000	0.041		65	0.000	0.041		0	33	130
Dredge: Bucket Ladder	30	0.10	3.00	4.18	7.18	80	0.000	0.047		70	0.000	0.041		0	33	110
Dump Scow	20	0.05	4.75	4.06	8.81	80	0.000	0.047		70	0.000	0.041		0	33	80
Barges:																
Fuel	20	0.05	4.75	4.06	8.81	20	0.000	0.012		20	0.000	0.012		0	33	60
Water	20	0.05	4.75	4.06	8.81	20	0.000	0.012		20	0.000	0.012		0	33	60
Equipment Or Work	20	0.05	4.75	4.06	8.81	20	0.000	D.012		20	0.000	0.012		0	33	60
Derrick	20	0.10	4.50	4.24	8.74	20	0.000	0.012		20	0.000	0.012		0	33	70
Anchor	20	0.05	4.75	4.06	8.81	20	0.000	0.012		20	0.000	0.012		0	33	60
Drill Boat Or Barge	20	0.10	4.50	4.24	8.74	20	0.000	0.012		20	0.000	0.012		0	33	70
Mooring Barge	20	0.05	4.75	4.06	8.81	20	0.000	0.012		20	0.000	0.012		0	33	60
Tugs & Tenders	20	0.10	4.50	4.24	8.74	80	0.081	0.047		70	0.071	0.041		30	36	90
Launches & Skiffs	12	0.05	7.92	4.18	12.09	60	0.061	0.035		50	0.051	0.030		30	36	80
Crewboat & Workboat	10	0.05	9.50	4.24	13.74	60	0.061	0.035		50	0.051	0.030		30	36	80
Shore Pipeline (Average)	3	0.00	33.33	4.93	38.27	0	0.000	0.000		0	0.000	0.000		0	0	50
Floating Line:																
Pontoons	10	0.00	10.00	4.07	14.07	0	0.000	0.000		0	0.000	0.000		0	0	60
Pipeline/Joints (Avg)	5	0.00	20.00	4.44	24.44	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.....>	1988
(1) Economic Index.(APP.E).....>	3958
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).....>	$0.66 /gal

2. TABLE H-1 DATA:

a. Life (yrs).....>	30 yrs
(1) Annual Use-Months..(para 3)...>	7 mos
(2) Monthly Usage (estimated hrs).>	500 hrs
b. Salvage Value Factor.....>	0.10
c. Prime Engine Fuel Factor.....>	0.047
d. Secondary Engine Fuel Factor.....>	0.041
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)> 1.03

g. Repair Cost Factor.....> 1.20

h. Annual Ownership Expense Percent:

(1) Depreciation Percent.....> 3.00%

(2) CFC Percent.....> 4.18%

Total Hourly Ownership Percent..(3.00% + 4.18%) = 7.18%

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 7.18%) = $265,660

(2) Monthly Ownership Expense:
($265660 / 7 mo.) = $37,951

(3) Hourly Ownership Expense:
($37951 / 500 hrs.) = $75.90

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%) + 4.18%) x $3700000] = $210,160

(2) Monthly Standby Expense: ($210160/7mo.) = $30,023

(3) Hourly Standby Expense: ($30023/500hrs) = $60.05

* (If Applicable) Generator Allowance:
((200 h.p. / 2475 h.p.) x $66.97) = + $5.41

Total Hourly Standby Allowance = $65.46

Figure H-1 (Continued)

4. ESTIMATED HOURLY OPERATING COST:

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

(1) Prime Engine Fuel:
(0.047 x 3730 h.p. x $0.66/gal) = $115.70 /hr

(2) Secondary Engine Fuel:
(0.041 x 2475 h.p. x $0.66/gal) = $66.97 /hr

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

(1) Prime Engine WLS: (0.33 x $115.70/hr) = $38.18 /hr

(2) Second Engine WLS: (0.33 x $66.97/hr) = $22.10 /hr

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

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

(3958 Pres. Yr / 3749 Yr of Mfg) = 1.056

(2) Life (hrs) = (30yrs x 7mo x 500hrs) = 105,000 hrs

(3) Repair Cost:
($3700000 x 1.20 x 1.056 x 1.03)/105000 hrs $45.99 /hr

d. Subtotal Operating Cost = (Fuel + WLS + Repairs)
($115.70 + $66.97 + $38.18 + $22.10 + $45.99) = $288.94 /hr

5. Subtotal Hourly Ownership & Operating Cost.
($75.90 /hr + $288.94 /hr) = $364.84 /hr

6. Subtotal Monthly Rate = (Hourly Total x Use Hours/Month)
($364.84 /hr x 500 hrs) = $182,420 /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.... $233,420 /mo

Figure H-1 (Continued)

APPENDIX I

FEDERAL COST OF MONEY RATE

(Renegotiation or Prompt Payment Rate)

July - December 1976	8 1/2 %
January - June 1977	7 3/4 %
July - December 1977	7 7/8 %
January - June 1978	8 1/4 %
July - December 1978	9 %
January - June 1979	9 7/8 %
July - December 1979	10 1/4 %
January - June 1980	12 1/4 %
July - December 1980	10 1/2 %
January - June 1981	14 5/8 %
July - December 1981	14 7/8 %
January - June 1982	14 3/4 %
July - December 1982	15 1/2 %
January - June 1983	11 1/4 %
July - December 1983	11 1/2 %
January - June 1984	12 3/8 %
July - December 1984	14 3/8 %
January - June 1985	12 1/8 %
July - December 1985	10 3/8 %
January - June 1986	9 3/4 %
July - December 1986	8 1/2 %
January - June 1987	7 5/8 %
July - December 1987	8 7/8 %
January - June 1988	9 3/8 %
July - December 1988	9 1/4 %

APPENDIX J

TIRE DESCRIPTION AND TIRE COST

J-1. The current tire descriptions and tire cost used to develop the rates in 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: sizes shown are width (in.) X length (ft.).

T i r e D e s c r i p t i o n

Cost($) per Ea	Size	Ply	Type of Tire
56	6.50 X 16.00	6	TT RIB HI-MILER
52	6.70 X 15.00	6	TT RIB HI-MILER
56	7.00 X 15.00	6	TT RIB HI-MILER
65	7.00 X 15.00	6	TL TRACKER LT BLACK
67	G78 X 15.00	6	TL TRACKER LT BLACK
70	H78 X 15.00	6	TL TRACKER LT BLACK
73	L78 X 15.00	6	TL TRACKER LT BLACK
73	8.75 X 16.50	6	TL TRACKER LT BLACK
87	8.75 X 16.50	10	TL TRACKER LT BLACK
89	9.50 X 16.50	8	TL TRACKER LT BLACK
74	7.00 X 15.00	8	TT SUPER HI-MILER
81	7.50 X 15.00	8	TT SUPER HI-MILER
98	7.50 X 16.00	10	TT SUPER HI-MILER
137	7.50 X 20.00	8	TT SUPER HI-MILER
190	8.25 X 20.00	10	TT SUPER HI-MILER
247	8.25 X 20.00	12	TT SUPER HI-MILER
218	9.00 X 20.00	10	TT SUPER HI-MILER
266	9.00 X 20.00	12	TT SUPER HI-MILER
274	10.00 X 20.00	12	TT SUPER HI-MILER
335	10.00 X 20.00	14	TT SUPER HI-MILER
304	10.00 X 22.00	12	TT SUPER HI-MILER
331	11.00 X 20.00	12	TT SUPER HI-MILER
373	11.00 X 20.00	14	TT SUPER HI-MILER
373	11.00 X 20.00	14	TT SUPER HI-MILER
349	11.00 X 22.00	12	TT SUPER HI-MILER
389	11.00 X 22.00	14	TT SUPER HI-MILER
411	11.00 X 24.00	14	TT SUPER HI-MILER
410	11.00 X 20.00	14	TT CUSTOM HI-MILER
134	12.00 X 16.50	10	TT CUSTOM HI-MILER
484	12.00 X 20.00	14	TT CUSTOM HI-MILER

TT = Tube-type Tires TL = Tubeless Tires

Tire Description

Cost($) per Ea	Size	Ply	Type of Tire
532	12.00 X 20.00	16	TT CUSTOM HI-MILER
701	14.00 X 20.00	18	TT CUSTOM HI-MILER
355	14.00 X 17.50	10	TT CUSTOM HI-MILER
120	6.90 X 15.00	8	TT RIB HI-MILER LP TRAILER
187	7.50 X 15.00	12	TT RIB HI-MILER LP TRAILER
196	8.25 X 15.00	12	TT RIB HI-MILER LP TRAILER
211	9.00 X 15.00	12	TT RIB HI-MILER LP TRAILER
229	8.25 X 15.00	14	TT RIB HI-MILER LP TRAILER
248	10.00 X 15.00	12	TT RIB HI-MILER LP TRAILER
279	10.00 X 15.00	14	TT RIB HI-MILER LP TRAILER
433	11.00 X 20.00	14	TT SRL 1
771	14.00 X 20.00	18	TT SRL 1
841	14.00 X 24.00	18	TT SRL 1
938	14.00 X 24.00	20	TT SRL 1
342	10.00 X 20.00	12	TT SRL 1
245	9.00 X 20.00	10	TT CUSTOM CROSS RIB HI-MILER
301	10.00 X 20.00	14	TT CUSTOM CROSS RIB HI-MILER
331	10.00 X 22.00	12	TT CUSTOM CROSS RIB HI-MILER
370	11.00 X 20.00	12	TT CUSTOM CROSS RIB HI-MILER
406	11.00 X 20.00	14	TT CUSTOM CROSS RIB HI-MILER
559	15.00 X 22.50	16	TL CUSTOM HI-MILER SUPER SINGLE
628	16.50 X 22.50	16	TL CUSTOM HI-MILER SUPER SINGLE
593	18.00 X 22.50	16	TL CUSTOM HI-MILER SUPER SINGLE
655	18.00 X 22.50	18	TL CUSTOM HI-MILER SUPER SINGLE
53	5.00 X 12.00	4	TT CAMPER-TRAILER TIRES
115	6.50 X 10.00	10	TT XTRA TRACTION MINE & INDUSTRIAL
180	7.00 X 12.00	10	TT XTRA TRACTION MINE & INDUSTRIAL
234	7.00 X 15.00	12	TT XTRA TRACTION MINE & INDUSTRIAL
229	7.50 X 15.00	10	TT XTRA TRACTION MINE & INDUSTRIAL
255	8.25 X 15.00	12	TT XTRA TRACTION MINE & INDUSTRIAL
408	9.00 X 20.00	12	TT HARD ROCK LUG MINE & INDUSTRIAL
479	10.00 X 20.00	14	TT HARD ROCK LUG MINE & INDUSTRIAL
74	16.25 X 5.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
89	16.25 X 6.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
96	5.90 X 22.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
49	12.00 X 3.50	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
356	12.00 X 22.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
64	13.00 X 4.50	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
408	14.00 X 22.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
91	16.00 X 5.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
102	16.00 X 6.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
460	16.00 X 22.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
132	18.00 X 8.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
158	18.00 X 9.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
113	18.00 X 7.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
102	22.00 X 6.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH

TT = Tube-type Tires TL = Tubeless Tires

Tire Description

Cost($) per Ea	Size	Ply	Type of Tire
195	22.00 X 9.00	HR	PRESSED ON INDUSTRIAL TIRES SMOOTH
38	16.00 X 6.50	4	TL INDUSTRIAL TERRA SOF-TRAC
36	18.00 X 8.50	2	TL INDUSTRIAL TERRA SOF-TRAC
40	18.00 X 8.50	4	TL INDUSTRIAL TERRA SOF-TRAC
51	23.00 X 8.50	4	TL SURE GRIP-XTRA TRACTION TERRA
73	26.50 X 12.00	4	TL SURE GRIP-XTRA TRACTION TERRA
219	31.00 X 15.50	8	TL SURE GRIP-XTRA TRACTION TERRA
350	18.40 X 16.10	6	TL POWER TORQUE REAR TRACTOR R-1
318	13.60 X 28.00	6	TL POWER TORQUE REAR TRACTOR R-1
180	9.50 X 24.00	4	TT ALL WEATHER REAR TRACTOR R-3
360	14.90 X 24.00	6	TT ALL WEATHER REAR TRACTOR R-3
445	18.40 X 16.10	6	TT ALL WEATHER REAR TRACTOR R-3
865	23.10 X 26.00	8	TT ALL WEATHER REAR TRACTOR R-3
993	23.10 X 26.00	10	TT ALL WEATHER REAR TRACTOR R-3
346	13.60 X 28.00	6	TT ALL WEATHER REAR TRACTOR R-3
337	14.90 X 24.00	6	TL INDUSTRIAL SURE GRIP R-4
388	14.90 X 24.00	8	TL INDUSTRIAL SURE GRIP R-4
487	16.90 X 24.00	8	TL INDUSTRIAL SURE GRIP R-4
711	16.90 X 28.00	10	TL INDUSTRIAL SURE GRIP R-4
1758	23.10 X 26.00	10	TT LOGGER LUG STEELGARD LS-2
253	14.90 X 24.00	6	TT TRACTION TORQUE REAR TRACTOR R-1
327	16.90 X 24.00	6	TT TRACTION TORQUE REAR TRACTOR R-1
714	18.40 X 30.00	10	TT TRACTION TORQUE REAR TRACTOR R-1
792	23.10 X 26.00	8	TT TRACTION TORQUE REAR TRACTOR R-1
98	7.50 X 16.00	6	TT SINGLE RIB FRONT TRACTOR F-1
101	11.00 X 16.00	10	TL FARM SERVICE I-1
126	12.50 X 15.00	12	TL FARM SERVICE I-1
168	14.00 X 16.10	6	TL FARM SERVICE I-1
83	7.50 X 16.00	8	TT IMPLEMENT RIB I-1
93	7.50 X 16.00	10	TT IMPLEMENT RIB I-1
110	11.00 X 15.00	10	TL LABORER F-3
130	11.00 X 16.00	10	TL LABORER F-3
149	11.00 X 16.00	12	TL LABORER F-3
247	14.50 X 16.10	10	TL LABORER F-3
1175	14.00 X 24.00	20	TT COMPACTOR SMOOTH FLAT TREAD
1454	30.00 X 50.00	2	BELTS FOR LOADERS
1920	36.00 X 50.00	2	BELTS FOR LOADERS
2701	42.00 X 50.00	2	BELTS FOR LOADERS
1920	48.00 X 50.00	2	BELTS FOR LOADERS
7836	48.00 X 50.00	3	BELTS FOR LOADERS
8004	48.00 X 60.00	3	BELTS FOR LOADERS
11285	60.00 X 50.00	4	BELTS FOR LOADERS
13441	60.00 X 60.00	4	BELTS FOR LOADERS
1164	24.00 X 50.00	2	BELTS FOR LOADERS
1372	16.00 X 25.00	24	TL E-1 HARD ROCK RIB
2019	18.00 X 25.00	32	TL E-1 HARD ROCK RIB

TT = Tube-type Tires TL = Tubeless Tires

Tire Description

Cost($) per Ea	Size	Ply	Type of Tire
1503	18.00 X 25.00	12	TL E-2 EARTHMOVER SURE GRIP
1600	18.00 X 25.00	16	TL E-2 EARTHMOVER SURE GRIP
1584	23.50 X 25.00	16	TL E-2 SURE GRIP LUG
1665	23.50 X 25.00	20	TL E-2 SURE GRIP LUG
2804	26.50 X 25.00	24	TL E-2 SURE GRIP LUG
2804	26.50 X 25.00	26	TL E-2 SURE GRIP LUG
3781	29.50 X 29.00	28	TL E-2 SURE GRIP LUG
4071	29.50 X 29.00	34	TL E-2 SURE GRIP LUG
886	14.00 X 20.00	24	TT E-3 HARD ROCK LUG
999	14.00 X 24.00	20	TT E-3 HARD ROCK LUG
964	14.00 X 24.00	24	TT E-3 HARD ROCK LUG
1166	14.00 X 25.00	20	TL E-3 HARD ROCK LUG
1312	16.00 X 25.00	20	TL E-3 HARD ROCK LUG
1295	16.00 X 25.00	24	TL E-3 HARD ROCK LUG
1842	18.00 X 25.00	20	TL E-3 HARD ROCK LUG
2032	18.00 X 25.00	28	TL E-3 HARD ROCK LUG
2357	18.00 X 33.00	28	TL E-3 HARD ROCK LUG
2890	21.00 X 25.00	24	TL E-3 HARD ROCK LUG
3863	21.00 X 35.00	28	TL E-3 HARD ROCK LUG
4058	21.00 X 35.00	32	TL E-3 HARD ROCK LUG
5117	24.00 X 35.00	36	TL E-3 HARD ROCK LUG
11604	37.50 X 51.00	44	TL E-3 HARD ROCK LUG
6134	24.00 X 49.00	36	TL E-3 HARD ROCK LUG 8
1229	20.50 X 25.00	12	TL E-3 SUPER HARD ROCK LUG
1290	20.50 X 25.00	16	TL E-3 SUPER HARD ROCK LUG
1355	20.50 X 25.00	20	TL E-3 SUPER HARD ROCK LUG
1822	23.50 X 25.00	16	TL E-3 SUPER HARD ROCK LUG
1913	23.50 X 25.00	20	TL E-3 SUPER HARD ROCK LUG
3225	26.50 X 25.00	24	TL E-3 SUPER HARD ROCK LUG
1980	26.50 X 25.00	24	TL E-3 SUPER HARD ROCK LUG
3791	29.50 X 25.00	22	TL E-3 SUPER HARD ROCK LUG
4083	29.50 X 25.00	28	TL E-3 SUPER HARD ROCK LUG
4036	29.50 X 29.00	22	TL E-3 SUPER HARD ROCK LUG
4347	29.50 X 29.00	28	TL E-3 SUPER HARD ROCK LUG
4682	29.50 X 29.00	34	TL E-3 SUPER HARD ROCK LUG
5574	33.25 X 29.00	32	TL E-3 SUPER HARD ROCK LUG
6005	33.25 X 35.00	32	TL E-3 SUPER HARD ROCK LUG
6466	33.25 X 35.00	38	TL E-3 SUPER HARD ROCK LUG
7946	37.50 X 39.00	36	TL E-3 SUPER HARD ROCK LUG
8772	37.50 X 39.00	44	TL E-3 SUPER HARD ROCK LUG
6503	33.50 X 33.00	38	TL E-3 SUPER HARD ROCK LUG
4782	29.50 X 35.00	28	TL E-3 SUPER HARD ROCK LUG 8
4949	33.25 X 29.00	26	TL E-3 SUPER HARD ROCK LUG 8
6284	33.50 X 33.00	38	TL E-3 SUPER HARD ROCK LUG 8
7636	37.25 X 35.00	30	TL E-3 SUPER HARD ROCK LUG 8
8025	37.25 X 35.00	42	TL E-3 SUPER HARD ROCK LUG 8

TT = Tube-type Tires TL = Tubeless Tires

Tire Description

Cost($) per Ea	Size	Ply	Type of Tire
7451	37.50 X 33.00	36	TL E-3 SUPER HARD ROCK LUG 8
8885	37.50 X 39.00	44	TL E-3 SUPER HARD ROCK LUG 8
11026	30.00 X 51.00	46	TL*E-4 HARD ROCK LUG XTRA-TRED 8
1665	16.00 X 25.00	28	TL*E-4 HARD ROCK LUG XTRA-TRED 8
3375	18.00 X 49.00	32	TL*E-4 HARD ROCK LUG XTRA-TRED 8
6337	24.00 X 35.00	42	TL*E-4 HARD ROCK LUG XTRA-TRED 8
6811	24.00 X 43.00	42	TL*E-4 HARD ROCK LUG XTRA-TRED 8
7595	24.00 X 49.00	42	TL*E-4 HARD ROCK LUG XTRA-TRED 8
8983	27.00 X 49.00	42	TL*E-4 HARD ROCK LUG XTRA-TRED 8
1884	18.00 X 25.00	40	TT E-7 EARTHMOVER ALL WEATHER
1305	18.00 X 25.00	16	TL E-7 SAND RIB
2005	21.00 X 25.00	16	TL E-7 SAND RIB
1045	16.00 X 24.00	12	TL G-1 GRADER RIB
345	13.00 X 24.00	8	TL G-2 SURE GRIP GRADER
379	13.00 X 24.00	10	TL G-2 SURE GRIP GRADER
417	13.00 X 24.00	12	TL G-2 SURE GRIP GRADER
438	14.00 X 24.00	10	TL G-2 SURE GRIP GRADER
480	14.00 X 24.00	12	TL G-2 SURE GRIP GRADER
581	14.00 X 24.00	16	TL G-2 SURE GRIP GRADER
963	16.00 X 24.00	12	TL G-2 SURE GRIP GRADER
1013	16.00 X 24.00	16	TL G-2 SURE GRIP GRADER
472	15.50 X 25.00	8	TL L-2 SURE GRIP LUG D&L
520	15.50 X 25.00	12	TL L-2 SURE GRIP LUG D&L
640	17.50 X 25.00	12	TL L-2 SURE GRIP LUG D&L
1069	20.50 X 25.00	12	TL L-2 SURE GRIP LUG D&L
1120	20.50 X 25.00	16	TL L-2 SURE GRIP LUG D&L
1624	23.50 X 25.00	12	TL L-2 SURE GRIP LUG D&L
1702	23.50 X 25.00	16	TL L-2 SURE GRIP LUG D&L
1229	20.50 X 25.00	12	TL L-3 SUPER HARD ROCK LUG D&L
1290	20.50 X 25.00	16	TL L-3 SUPER HARD ROCK LUG D&L
1867	23.50 X 25.00	12	TL L-3 SUPER HARD ROCK LUG D&L
1959	23.50 X 25.00	16	TL L-3 SUPER HARD ROCK LUG D&L
2161	23.50 X 25.00	24	TL L-3 SUPER HARD ROCK LUG D&L
3557	26.50 X 25.00	20	TL L-3 SUPER HARD ROCK LUG D&L
4037	29.50 X 25.00	16	TL L-3 SUPER HARD ROCK LUG D&L
4555	29.50 X 29.00	22	TL L-3 SUPER HARD ROCK LUG D&L
5237	29.50 X 29.00	22	TL*L-4 SUPER HARD ROCK LUG D&L XT
8238	33.25 X 35.00	26	TL*L-4 SUPER HARD ROCK LUG D&L XT
6765	35.65 X 33.00	24	TL*L-4 NYLOSTEEL XTRA TREAD D&L B/B
10264	40.65 X 39.00	30	TL*L-4 NYLOSTEEL XTRA TREAD D&L B/B
12923	37.25 X 35.00	42	TL*L-5 SUPER XTRA TREAD D&L
17034	45.65 X 45.00	38	TL*L-5 NYLOSTEEL SUPER XT D&L B/B
3219	18.00 X 25.00	24	TL*L-4S,5S SMOOTH SUPER XT D&L
3380	18.00 X 25.00	28	TL*L-4S,5S SMOOTH SUPER XT D&L
4389	21.00 X 25.00	24	TL*L-4S,5S SMOOTH SUPER XT D&L
638	15.00 X 19.50	12	TL SURE GRIPLOADER SUPER SINGLE

TT = Tube-type Tires TL = Tubeless Tires

Tire Description

Cost($) per Ea	Size	Ply	Type of Tire
760	16.90 X 30.00	6	TL SMOOTH
60	5.90 X 12.00	4	TL LOADER SERVICE
381	15.00 X 19.50	14	TL ALL SERVICE SUPER SINGLE
610	18.00 X 19.50	16	TL ALL SERVICE SUPER SINGLE
425	17.50 X 24.00	6	TL INDUSTRIAL TORQUE R-4
561	17.50 X 24.00	10	TL INDUSTRIAL TORQUE R-4
817	21.00 X 24.00	12	TL INDUSTRIAL TORQUE R-4
1080	21.00 X 24.00	16	TL INDUSTRIAL TORQUE R-4
696	19.50 X 24.00	10	TL INDUSTRIAL TORQUE R-4
693	19.50 X 24.00	12	TL INDUSTRIAL TORQUE R-4
43	5.70 X 8.00	6	TL HIGHLANDER
49	23.00 X 8.50	4	TL LAWN & GARDEN
39	16.50 X 6.50	4	TL RIB TERRA

TT = Tube-type Tires TL = Tubeless Tires