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Construction Equipment Ownership and Operating Expense Schedule

Region I

Regions for the Construction Equipment Ownership and Operating Expense Schedule

DAEN-CWE-BA
DAEN-MPE-S

DEPARTMENT OF THE ARMY
US Army Corps of Engineers
Washington, DC 20314

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Pamphlet
No. 1110-1-8

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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 field operating activities having either military or civil works responsibilities for construction contracts in Region I which includes the following states:

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

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 1980. The percentages for marine equipment provide an allowance for ownership expenses only. This pamphlet will be updated annually or more frequently if necessary.

FOR THE COMMANDER:

JAMES W. RAY
Colonel, Corps of Engineers
Chief of Staff

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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.

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 1980. The percentages for marine equipment provide an allowance for ownership expenses only. This pamphlet will be updated annually or more frequently if necessary.

1-5. Use. This pamphlet shall be used as the basis for estimating equipment costs for all construction contracts (including dredging) and modifications requiring an independent Government estimate. This pamphlet shall also be used in pricing of contract modifications when:

a. Cost or pricing data is not required.

b. Cost or pricing data is required and actual cost data to support either ownership or operating costs for each piece of 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 Defense Acquisition Regulations (DAR).

CHAPTER 2

METHODOLOGY

2-1. General. This pamphlet provides hourly use rates for construction equipment and annual ownership percentages 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 paragraph 2-3.

2-2. Construction Equipment.

a. General. The total hourly rates include all costs of owning and operating equipment except operating labor and 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; servicing the equipment; repair and maintenance; and 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 17.5 percent. Freight and sales 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 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 purchased new. The ownership costs shown in TABLE 3-1 represent the hourly costs for equipment purchased new on 1 July 1980.

(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 purchased new.

(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 Hrs.).

(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 DAR 15-205.50 and CAS 414 is included in the use rates. This cost was computed by multiplying the cost of money rate (14.750%) 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 11.7% to avoid duplication when applying markups for overhead and profit.

$$\text{CFC/hr} = \frac{[(N-1)(1+S)+2] \quad (\text{Equipment Cost}) \quad (11.7\%)}{2N \quad (\text{Work Hrs per Year})}$$

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

(b) The salvage value is determined by multiplying the salvage value 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 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 TABLE 3-1 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 herein 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 wt = 6.1 lbs per gallon

(5) Diesel wt = 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 includes 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.

(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 self-propelled hydraulic cranes) 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.

(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-fourth 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.

g. 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.

FOR ILLUSTRATION PURPOSES ONLY
(Local reproduction authorized - blank masters available from local FMO)

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

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

1. REQUIRED DATA

a. Unit Number 2835

(1) Equipment Description Lorain Truck Crane 50-Ton

(2) Model and Series MC-550 A w/160' Boom

(3) Year Purchased 1980 (4) Year Purchased New 1980

(5) Equipment Horsepower 115 (6) Carrier Horsepower 246

(7) Fuel Type Diesel/Diesel (8) Shipping Weight 111,100 lbs.

(9) Tire Size: Front-1400x20-18PR Drive-1400x20-18PR Trailing- N/A

b. Key Number from APPENDIX D 225

(1) Condition Average

(2) Salvage Value % 20 % (3) Life 18,000 Hrs.

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

(6) FOG Factor: Gas N/A Diesel .26 Electric N/A

(7) Tire Wear Factor: Front .95 Drive .90 Trailing N/A

(8) Repairs Cost Factor .60

2. EQUIPMENT COST

a. List Price When New (including extras) =$295,739.00

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

=($295,739.00) x *.075 =(-)$22,180.43

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

=(1,111 cwt) x ($3.57) =(+)$3,966.27

b. Subtotal: Summation of Part a. (Use actual cost when available) =$277,524.84

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

=($277,524.84) x (.05) =(+)$13,876.24

c. Equipment Cost: Summation of Part b. (Use actual cost when available) =$291,401.08

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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)

=(18,000 Hrs) ÷ (1,450 Hrs/Yr) 12.41 Yrs.

4. ECONOMIC ADJUSTMENT FACTOR (EAF)

(Economic Index for Present Year From APPENDIX E) ÷ (Economic Index for Year Purchased New From APP. E)

=(3197) ÷ (2782) = 1.149 (EAF)

5. SALVAGE VALUE FACTOR (S)

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

=(.20) x (1.149) = .230 (S)

6. OWNERSHIP COSTS

a. Depreciation:

[(Equipment Cost From 2-c) x [1.0 - (S From 5)] - (Tire Cost When New)] ÷ (Life From 1-b-(3))

=[($ 291,401) x [1.0 - (.230)] - ($ 7,152)] ÷ (18,000 Hr) = $ 12.07 /Hr.

b. Cost of Facilities Capital (CFC):

(1) [[(Life From 3) - 1.0] x [(S From 5) + 1.0] + 2.0] ÷ [(Life From 3) x 2.0]

=[[(12.41 Yrs)-1.0] x [(.230)+1.0] + 2.0] ÷ [(12.41 Yrs)x2.0] = .6460

(2) (Equipment Cost From 2-c) x (Average Value Factor From 6-b-(1)) x (CFC Factor From Para. 2-2.c.(2)) ÷ (Hrs Use/Yr From APP. B)

=($ 291,401) x (.6460) x (.117) ÷ (1,450 Hrs/Yr) = $ 15.19 /Hr.

c. Total Hourly Ownership: (Sum 6-a + 6-b-(2)) = $ 27.26 /Hr.

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Figure 2-1. (Continued)

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 (115 HP) x ($ 1.10 /Gal) =$ 4.81 /Hr.

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

=(.006) x (246 HP) x ($ 1.24 /Gal) =$ 1.83 /Hr.

(3) Total Fuel Costs: (Sum 7-a-(1), 7-a-(2)) =$ 6.64 /Hr.

b. FOG Costs:

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

=(.26) x ($ 4.81 /Hr) =$ 1.25 /Hrs.

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

=(.26) x ($ 1.83 /Hr) =$ .48 /Hr.

(3) Total FOG Costs: (Sum 7-b-(1), 7-b-(2)) =$ 1.73 /Hr.

c. Repairs Cost:

(1) Repair Factor:

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

=(.60) x (1.149) x (1.02) = .703

(2) Hourly Repairs:

Equipment Life
[(Cost From) - (Tire Cost)] x (Repair Factor) ÷ (From)
2-c When New From 7-c-(1) 1-b-(3)

=[($ 291,401) - ($ 7,152)] x (.703) ÷ (18,000 Hr) =$ 11.10 /Hr.

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Figure 2-1. (Continued)

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

d. Tire Wear Costs:

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

=1.5x($ 2,709)÷ [1.8x(.95)x(5000 Hr)] =$ .48 /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($ 5418)÷ [1.8x(.90)x(5000 Hr)] =$ 1.00 /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)] =$ N/A /Hr.

(4) Total Tire Wear Cost: (Sum 7-d-(1) thru (3)) =$ 1.48 /Hr.

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

=($ 1.48) x 0.15 =$ .22 /Hr.

f. Total Operating Costs: (Sum 7-a thru 7-e) =$ 21.17 /Hr.

8. TOTAL HOURLY RATES

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

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

=($ 27.26 /Hr) + ($ 21.17 /Hr) =$ 48.43 /Hr.

b. Hourly Rate for Other Work Shifts:

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

=($ 12.07 /Hr) + [($ 15.19 /Hr)x40÷(60 Hr/Wk)] + ($ 21.17 /Hr) =$ 43.37 /Hr.

c. Hourly Standby Rate:

(Depreciation From 6-a) x 0.25 + (CFC Frm 6-b-(2))

=($ 12.07 /Hr) x 0.25 + ($ 15.19 /Hr) =$ 18.21 /Hr.

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Figure 2-1. (Continued)

2-3. Marine Equipment.

a. 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 section, 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 percentages are shown in TABLE 2-1 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. Hourly ownership and operating expenses for any land-based equipment involved with the operation will be based on the methodology herein for construction equipment.

b. 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 equipment value 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.

(1) Depreciation. Depreciation was computed using the straight-line method. The annual rate is determined by dividing the depreciable value by the expected normal life of the equipment in years. When the actual age of a piece of equipment exceeds the normal life, one year shall be added to the actual age and the depreciation shall be recomputed. The depreciable value is the acquisition cost, plus any capital improvements, less estimated salvage. Costs for drydocking and major repairs, 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 15-205.20 of DAR.

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

$$CFC = \frac{[(N-1)\ (1+S) + 2]\ (11.7\%)}{2N}$$

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

(3) The salvage value factor is expressed as a decimal and is shown in TABLE 2-1 for different items of equipment.

(4) Taxes, storage (layup), and insurance are considered indirect (overhead) costs or a part of operating 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.

(5) The expected life shown in TABLE 2-1 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.

c. Annual Use. Marine equipment is normally operated 24 hours per day, 7 days per week, and costs are usually kept on a monthly basis. This is the preferred basis; 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 actual time cannot be determined the monthly cost should be divided by 720 hours or 30 days. The number of months' use per year is of such a variable nature that it is established for each contract by including this factor in the clauses of the contract.

d. Standby. The standby rate is computed by allowing the full CFC monthly rate plus one-fourth 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.

TABLE 2-1. ANNUAL OWNERSHIP EXPENSE FACTORS FOR MARINE EQUIPMENT

TYPE OF EQUIPMENT	LIFE (YRS)	SALVAGE VALUE FACTOR	ANNUAL DEPRE-CIATION	PERCENT OWNERSHIP EXPENSE CFC	TOTAL
Hydraulic dredge, including hydraulic dredges used as Boosters:					
10-inch thru 14-inch	20	.05	4.75	6.42	11.17
16-inch thru 20-inch	25	.10	3.60	6.65	10.25
24-inch and over	30	.10	3.00	6.61	9.61
Booster & Barge:					
10-inch thru 14-inch	20	.05	4.75	6.42	11.17
16-inch thru 20-inch	25	.10	3.60	6.65	10.25
24-inch and over	30	.10	3.00	6.61	9.61
Dredge, Hopper	30	.10	3.00	6.61	9.61
Dredge, clamshell/ dragline	20	.05	4.75	6.42	11.17
Dredge, Dipper/Hyd Excav	25	.05	3.80	6.36	10.16
Bucket Dredge	30	.10	3.00	6.61	9.61
Dump Scows	20	.05	4.75	6.42	11.17
Barges:					
Fuel	20	.05	4.75	6.42	11.17
Water	20	.05	4.75	6.42	11.17
Equipment or Work	20	.05	4.75	6.42	11.17
Derrick	20	.10	4.50	6.70	11.20
Anchor	20	.05	4.75	6.42	11.17
Drill Boat or Barge	20	.10	4.50	6.70	11.20
Mooring Barge	20	.05	4.75	6.42	11.17
Tugs	20	.10	4.50	6.70	11.20
Tenders	20	.10	4.50	6.70	11.20
Launches	12	.05	7.92	6.61	14.53
Shore Pipeline (Average)	3	0	33.3	7.80	41.10
Floating Line:					
Pontoons	15	0	6.7	6.24	12.94
Pipeline/Joints (Avg)	10	0	10.0	6.44	16.44

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 or recomputed 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, and (f) work week exceeds 40 hours per week. Whenever one or more of these conditions exist, the rates may be adjusted using the tables in this chapter or computed as shown in the sample computations in Figure 2-1.

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 2800 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 CHAPTER 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.

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 methodology outlined in CHAPTER 2.

f. Over-Age Equipment. When an item of equipment has exceeded the economic service life given in APPENDIX D, it is considered over-age and the hourly use rate will not exceed the rate for a piece of equipment that is not over-age. An hourly rate for over-age 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.

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, etc.) 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 and it has been determined that they 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, etc. to the item listed in the pamphlet.

i. Hourly Rate Elements. The individual cost elements, which comprise the total hourly rate (for both average and severe conditions) are shown in TABLE 3-5. These hourly rate elements are listed by equipment 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).

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UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	FUEL	SEVERE COND. OWNER-SHIP	FUEL	CWT
	AGGREGATE SPREADER									
	SELF PROPELLED									
1010	ETNYRE TO 8" DEPTH & 10' WIDE 187 HP G	44,058	25.67		3.21	5.70	12.68			155
1015	ETNYRE TO 8" DEPTH & 13' WIDE 135 HP D	48,503	16.46		3.54	6.28	4.45			160
	AIR COMPRESSORS PORTABLE (HOSE NOT INCLUDED)									
	ROTARY SCREW									
1030	SIZE 85 CFM QUIET 100 PSI 47 HP G	7,334	7.07		0.54	0.94	4.13			17
1035	SIZE 85 CFM QUIET 100 PSI 38 HP D	10,381	4.33		0.76	1.34	1.59			20
1040	SIZE 100 CFM QUIET 100 PSI 50 HP G	9,788	7.96		0.72	1.27	4.39			20
1045	SIZE 100 CFM QUIET 100 PSI 44 HP D	11,742	4.94		0.86	1.51	1.84			23
1050	SIZE 125 CFM QUIET 100 PSI 70 HP G	11,183	10.58		0.82	1.44	6.14			24
1055	SIZE 125 CFM QUIET 100 PSI 51 HP D	13,119	5.64		0.97	1.70	2.13			26
1060	SIZE 150 CFM QUIET 100 PSI 70 HP G	13,875	11.18		1.02	1.79	6.14			26
1065	SIZE 150 CFM QUIET 100 PSI 69 HP D	16,293	7.29		1.19	2.10	2.88			28
1070	SIZE 185 CFM QUIET 100 PSI 70 HP G	15,061	11.43		1.10	1.94	6.14			27
1075	SIZE 185 CFM QUIET 100 PSI 69 HP D	17,750	7.61		1.30	2.29	2.88			29
1080	SIZE 340 CFM QUIET 100 PSI 103 HP D	34,495	13.16		2.53	4.46	4.31			55
1085	SIZE 450 CFM QUIET 100 PSI 144 HP D	45,703	17.82		3.35	5.91	6.02			80
1090	SIZE 600 CFM QUIET 100 PSI 175 HP D	57,986	22.19		4.26	7.51	7.31			111
1095	SIZE 750 CFM QUIET 100 PSI 228 HP D	73,387	28.44		5.39	9.51	9.53			120
1100	SIZE 825 CFM QUIET 100 PSI 250 HP D	76,538	30.31		5.62	9.91	10.45			127
1105	SIZE 900 CFM QUIET 100 PSI 270 HP D	80,066	32.16		5.88	10.37	11.29			148
1110	SIZE 1000 CFM QUIET 100 PSI 283 HP D	95,905	36.36		7.04	12.40	11.83			165
1115	SIZE 1200 CFM QUIET 100 PSI 325 HP D	105,200	40.65		7.72	13.61	13.58			192
1120	SIZE 1600 CFM QUIET 100 PSI 456 HP D	137,345	54.78		10.09	17.79	19.06			223

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	FUEL	SEVERE COND. OWNER-SHIP	FUEL	CWT
	AIR TOOLS ********** (HOSE NOT INCLUDED) GARDNER DENVER									
1130	SPADER SP27E 32CFM A	931	0.66		0.11	0.25	0.00			1
1135	SINKER DRILL S58 98CFM A	2,044	1.41		0.22	0.53	0.00			1
1140	PAVING BREAKER B37 41CFM A	955	0.67		0.11	0.25	0.00			1
1145	PAVING BREAKER B67C 46CFM A	1,024	0.72		0.11	0.27	0.00			1
1150	PAVING BREAKER B87C 50CFM A	1,113	0.77		0.13	0.29	0.00			1
1155	FEED LEG DRILL S83F-54" TRAVEL RETRACTABLE FL-7 103CFM A	3,757	2.53		0.42	0.98	0.00			1
	SANDBLASTERS CLEMCO									
1165	SCW-1042P SANDBLASTER 1/2" HOSE 101CFM A CAP. 100 LBS. W/ACC AND 25' HOSE	1,308	0.90		0.15	0.34	0.00			3
1170	SCW-1440P SANDBLASTER 1" HOSE 101CFM A CAP. 150 LBS W/ACC AND 50' HOSE	2,444	1.63		0.27	0.64	0.00			5
1175	SCWB-1648P SANDBLASTER 1" HOSE 101CFM A CAP. 300 LBS. W/ACC. AND 50' HOSE	2,467	1.64		0.27	0.64	0.00			6
1180	SCWB-2452HPSANDBLASTER 1-1/4" HOS 216CFM A CAP. 600 LBS. W/ACC. AND 50' HOSE	2,740	1.87		0.30	0.71	0.00			7
1185	SCH-3079 SANDBLASTER 1-1/4" PIPE 216CFM A CAP. 1400 LBS W/HOPPER & 50' HOSE	3,645	2.45		0.40	0.95	0.00			9
1190	MOD 60-H SANDBLASTER 1-1/4" PIPE 450CFM A CAP. 3-TONS W/2 NOZZ. & 50' HOSE	10,589	6.94		1.16	2.70	0.00			28
1195	MOD 120-H SANDBLASTER 1-1/4" PIPE 700CFM A CAP. 6-TONS W/3 NOZZ. & 50' HOSE	12,797	8.30		1.38	3.19	0.00			45
1200	MOD 160-H SANDBLASTER 1-1/4" PIPE 900CFM A CAP. 8-TONS W/4 NOZZ. & 50' HOSE	15,908	10.39		1.72	4.00	0.00			53
	CONCRETE VIBRATORS-MASTER									
1210	CONCRETE VIBRATOR MOD A-600SH 6" 125CFM A	1,816	1.77		0.20	0.47	0.00			1
1215	CONCRETE VIBRATOR MOD A-450SH 4.5 110CFM A	1,166	1.16		0.13	0.30	0.00			1
1220	CONCRETE VIBRATOR MOD A-35010 3.5 82CFM A	1,046	1.02		0.11	0.27	0.00			1
1225	CONCRETE VIBRATOR MOD A-30010 3" 64CFM A	944	0.92		0.11	0.25	0.00			1
1230	CONCRETE VIBRATOR MOD A-25010 2.5 40CFM A	740	0.72		0.08	0.19	0.00			1

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	FUEL	SEVERE COND. OWNER-SHIP	FUEL	CWT
	ASPHALT DISTRIBUTOR-ROSCO (NO CHASSIS)									
1240	MOD RES 1000 GAL. TRUCK MOUNTED 50 HP G 18,000 TO 24,000 GVW REQUIRED	22,204	10.71		1.65	2.75	4.39			72
1245	MOD RES 1500 GAL. TRUCK MOUNTED 50 HP G 24,000 TO 32,000 GVW REQUIRED	23,035	10.89		1.71	2.85	4.39			75
1250	MOD RES 2000 GAL. TRUCK MOUNTED 50 HP G 32,000 GVW REQUIRED	24,711	11.28		1.84	3.07	4.39			87
1255	MOD RES 3000 GAL. TRUCK MOUNTED 50 HP G 42,000 GVW REQUIRED	28,450	12.10		2.12	3.53	4.39			109
	ASPHALT FINISHERS-BARBER GREENE									
1265	MOD SB111 8'-12' WIDE (PNEUMATIC) 70 HP D	76,021	22.27		5.52	9.76	2.93			165
1270	MOD SB131 10'-12' WIDE (P'MATIC) 95 HP D W/VIB SCREED, AUTO. FEEDERS AND GR CONTROL	110,388	31.84		8.02	14.20	3.97			258
1275	MOD SB140 10'-12' WIDE (P'MATIC) 130 HP D OPTIONS SAME AS MOD SB131	126,697	37.69		9.21	16.33	5.43			325
1280	MOD SA150 10'-12' WIDE (CRAWLER) 130 HP D OPTIONS SAME AS MOD SB131	152,561	42.79		11.19	20.05	5.43			375
	BROOMS M-B									
1290	MOD 53T HYD 7 FT. TOWED MECH/DRIVE W/SPRINKLER	4,877	1.32		0.36	0.63	0.00			24
1295	MOD 53-M 7 FT. TOWED 30 HP G MOTOR/DRIVEN W/SPRINKLER	6,530	4.82		0.47	0.84	2.63			30
1300	MOD MT 7 FT. TRACTOR/MOUNTED PTO/DRIVE W/SPRINKLER/	2,229	0.68		0.16	0.29	0.00			10
1305	MOD HT 7 FT. TRACTOR/MOUNTED HYD/DRIVE W/SPRINKLER	3,737	1.00		0.27	0.49	0.00			14
	BRUSH CHIPPERS - FITCHBERG									
1315	MOD TWC-612 CAP. TO 6" DIA. LOG 151 HP G	9,407	14.45		0.69	1.22	9.24			40
1320	MOD TWC-915 CAP. TO 9" DIA. LOG 165 HP G	10,807	15.91		0.80	1.41	10.09			42
1325	MOD PT-540 CAP. TO 6" PTO/DRIVE	4,638	1.10		0.34	0.60	0.00			15

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
	BUCKETS-CLAMSHELL									
	GENERAL PURPOSE - SQUARE NOSE ESCO MODEL GPS									
1335	.75 C.Y.	8,104	1.81	2.28	0.60	1.07	0.00	1.24	0.00	33
1340	1.0 C.Y.	9,464	2.10	2.66	0.69	1.24	0.00	1.44	0.00	43
1345	1.5 C.Y.	13,915	3.10	3.91	1.02	1.83	0.00	2.12	0.00	65
1350	2.0 C.Y.	15,742	3.51	4.42	1.16	2.07	0.00	2.40	0.00	72
1355	2.5 C.Y.	20,515	4.57	5.75	1.51	2.70	0.00	3.12	0.00	94
1360	3.0 C.Y.	21,730	4.84	6.10	1.59	2.86	0.00	3.31	0.00	99
1365	3.5 C.Y.	22,235	4.96	6.24	1.63	2.93	0.00	3.38	0.00	110
1370	4.0 C.Y.	24,478	5.46	6.86	1.80	3.22	0.00	3.72	0.00	120
1375	4.5 C.Y.	26,464	5.90	7.43	1.94	3.48	0.00	4.03	0.00	132
1380	5.0 C.Y.	28,665	6.39	8.04	2.11	3.77	0.00	4.36	0.00	146
1385	5.5 C.Y.	30,936	6.90	8.67	2.27	4.07	0.00	4.70	0.00	158
1390	6.0 C.Y.	32,027	7.14	8.98	2.35	4.22	0.00	4.87	0.00	166
1395	6.5 C.Y.	34,636	7.72	9.72	2.54	4.56	0.00	5.27	0.00	177
1400	7.0 C.Y.	35,667	7.95	10.00	2.61	4.69	0.00	5.42	0.00	185
1405	7.5 C.Y.	37,009	8.25	10.38	2.72	4.87	0.00	5.63	0.00	192
	HEAVY DUTY - SQUARE NOSE ESCO MODEL HDS									
1415	.75 C.Y.	8,483	1.89	2.38	0.63	1.12	0.00	1.29	0.00	35
1420	1.0 C.Y.	11,484	2.56	3.21	0.84	1.51	0.00	1.74	0.00	49
1425	1.5 C.Y.	16,696	3.72	4.68	1.23	2.20	0.00	2.54	0.00	74
1430	2.0 C.Y.	18,012	4.01	5.05	1.32	2.37	0.00	2.74	0.00	82
1435	2.5 C.Y.	22,892	5.10	6.42	1.68	3.01	0.00	3.48	0.00	105
1440	3.0 C.Y.	25,033	5.58	7.02	1.84	3.29	0.00	3.81	0.00	116
1445	3.5 C.Y.	27,003	6.03	7.58	1.99	3.56	0.00	4.11	0.00	126
1450	4.0 C.Y.	29,018	6.46	8.15	2.12	3.81	0.00	4.42	0.00	137
1455	4.5 C.Y.	31,152	6.94	8.73	2.29	4.10	0.00	4.73	0.00	147

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-CLAMSHELL (CONT'D)									
	HEAVY DUTY - SQUARE NOSE (CONT'D) ESCO MODEL HDS									
1460	5.0 C.Y.	34,282	7.64	9.62	2.52	4.51	0.00	5.22	0.00	163
1465	5.5 C.Y.	36,169	8.06	10.14	2.65	4.76	0.00	5.50	0.00	172
1470	6.0 C.Y.	38,262	8.52	10.73	2.80	5.03	0.00	5.82	0.00	182
1475	6.5 C.Y.	39,881	8.89	11.19	2.93	5.25	0.00	6.07	0.00	193
1480	7.0 C.Y.	41,541	9.25	11.65	3.05	5.46	0.00	6.32	0.00	201
1485	7.5 C.Y.	43,187	9.62	12.12	3.17	5.68	0.00	6.57	0.00	209
	EXTRA HEAVY DUTY - SQUARE NOSE ESCO MODEL XDS									
1495	.75 C.Y.	12,868	2.87	3.61	0.94	1.69	0.00	1.96	0.00	52
1500	1.0 C.Y.	13,125	2.93	3.68	0.97	1.73	0.00	1.99	0.00	58
1505	1.5 C.Y.	19,499	4.34	5.46	1.43	2.56	0.00	2.96	0.00	85
1510	2.0 C.Y.	23,585	5.25	6.62	1.73	3.10	0.00	3.59	0.00	103
1515	2.5 C.Y.	26,319	5.86	7.38	1.93	3.46	0.00	4.00	0.00	119
1520	3.0 C.Y.	28,586	6.37	8.01	2.10	3.76	0.00	4.34	0.00	135
1525	3.5 C.Y.	30,057	6.69	8.43	2.20	3.95	0.00	4.57	0.00	149
1530	4.0 C.Y.	31,836	7.10	8.93	2.34	4.19	0.00	4.84	0.00	158
1535	4.5 C.Y.	33,343	7.43	9.36	2.45	4.39	0.00	5.08	0.00	168
1540	5.0 C.Y.	35,756	7.98	10.03	2.63	4.71	0.00	5.44	0.00	181
1545	5.5 C.Y.	37,856	8.44	10.61	2.78	4.98	0.00	5.75	0.00	193
1550	6.0 C.Y.	39,795	8.87	11.16	2.92	5.24	0.00	6.05	0.00	203
1555	6.5 C.Y.	43,115	9.61	12.09	3.16	5.67	0.00	6.55	0.00	220
1560	7.0 C.Y.	44,409	9.90	12.45	3.25	5.84	0.00	6.75	0.00	230
1565	7.5 C.Y.	46,405	10.34	13.01	3.40	6.10	0.00	7.05	0.00	241

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
	BUCKETS-CONCRETE-GAR-BRO **********									
	GENERAL PURPOSE - MANUAL									
1575	433-G 1.0 C.Y.	1,223	0.27		0.09	0.16	0.00			6
1580	442-G 1.5 C.Y.	1,529	0.34		0.11	0.20	0.00			8
1585	462-G 2.0 C.Y.	1,991	0.44		0.15	0.26	0.00			11
1590	493-G 3.0 C.Y.	2,827	0.63		0.21	0.37	0.00			19
1595	4123-G 4.0 C.Y.	3,577	0.80		0.26	0.47	0.00			23
	GENERAL PURPOSE - LOW SLUMP - AIR									
1605	440-A 1.0 C.Y.	5,308	1.18		0.39	0.70	0.00			19
1610	450-A 1.5 C.Y.	5,524	1.23		0.41	0.73	0.00			21
1615	460-A 2.0 C.Y.	5,736	1.28		0.42	0.76	0.00			23
1620	493-A 3.0 C.Y.	7,522	1.68		0.56	0.99	0.00			42
1625	4139-A 4.0 C.Y.	7,815	1.74		0.57	1.03	0.00			52
1630	4200-A 6.0 C.Y. DBL. COMPT.	11,300	2.52		0.83	1.49	0.00			72
1635	4250-A 8.0 C.Y. DBL. COMPT.	13,522	3.01		0.99	1.78	0.00			80
	LAYDOWN - HEAVY DUTY - CLAM GATE AIR									
1645	425-A 1.0 C.Y.	6,066	1.35		0.45	0.80	0.00			26
1650	465-A 2.0 C.Y.	6,871	1.53		0.50	0.90	0.00			31
1655	495-A 3.0 C.Y.	7,845	1.75		0.57	1.03	0.00			40
1660	4125-A 4.0 C.Y.	8,729	1.95		0.64	1.15	0.00			49
1665	4155-A 5.0 C.Y.	10,222	2.27		0.75	1.34	0.00			60
	BUCKETS-DRAGLINE **********									
	LIGHT WEIGHT - PERFORATED HENDRIX MODEL LS									
1680	.75 C.Y.	2,720	0.61	0.76	0.20	0.36	0.00	0.41	0.00	15
1685	1.0 C.Y.	3,226	0.71	0.90	0.23	0.42	0.00	0.49	0.00	18
1690	1.5 C.Y.	3,940	0.88	1.11	0.29	0.52	0.00	0.60	0.00	26

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
	BUCKETS-DRAGLINE (CONT'D)									
	LIGHT WEIGHT - PERFORATED (CONT'D) HENDRIX MODEL LS									
1695	2.0 C.Y.	4,655	1.04	1.31	0.34	0.61	0.00	0.71	0.00	32
1700	2.5 C.Y.	5,466	1.21	1.53	0.40	0.71	0.00	0.83	0.00	37
1705	3.0 C.Y.	6,740	1.50	1.89	0.49	0.88	0.00	1.02	0.00	46
1710	3.5 C.Y.	7,456	1.66	2.09	0.55	0.98	0.00	1.13	0.00	50
1715	4.0 C.Y.	9,084	2.03	2.55	0.67	1.20	0.00	1.38	0.00	65
1720	4.5 C.Y.	9,646	2.15	2.71	0.71	1.27	0.00	1.47	0.00	69
1725	5.0 C.Y.	11,641	2.59	3.26	0.86	1.53	0.00	1.77	0.00	85
1730	6.0 C.Y.	12,621	2.81	3.53	0.93	1.66	0.00	1.91	0.00	90
1735	7.0 C.Y.	13,799	3.07	3.87	1.01	1.81	0.00	2.10	0.00	101
1740	8.0 C.Y.	15,298	3.41	4.28	1.12	2.01	0.00	2.32	0.00	112
1745	9.0 C.Y.	17,669	3.93	4.95	1.29	2.32	0.00	2.68	0.00	128
1750	10.0 C.Y.	19,199	4.28	5.39	1.41	2.53	0.00	2.92	0.00	139
1755	12.0 C.Y.	23,601	5.26	6.62	1.73	3.10	0.00	3.59	0.00	166
1760	14.0 C.Y.	27,138	6.05	7.60	1.99	3.57	0.00	4.12	0.00	191
	MEDIUM WEIGHT - HENDRIX MODEL TS									
1770	.75 C.Y.	3,171	0.71	0.89	0.23	0.42	0.00	0.48	0.00	17
1775	1.0 C.Y.	3,897	0.87	1.09	0.29	0.51	0.00	0.59	0.00	19
1780	1.5 C.Y.	4,806	1.07	1.35	0.35	0.63	0.00	0.73	0.00	28
1785	2.0 C.Y.	5,731	1.27	1.62	0.42	0.75	0.00	0.88	0.00	36
1790	2.5 C.Y.	6,607	1.47	1.85	0.49	0.87	0.00	1.00	0.00	41
1795	3.0 C.Y.	7,897	1.76	2.21	0.58	1.04	0.00	1.20	0.00	49
1800	3.5 C.Y.	8,723	1.95	2.45	0.64	1.15	0.00	1.33	0.00	54
1805	4.0 C.Y.	10,470	2.33	2.94	0.76	1.37	0.00	1.60	0.00	70
1810	4.5 C.Y.	11,200	2.49	3.15	0.82	1.47	0.00	1.71	0.00	72
1815	5.0 C.Y.	14,355	3.19	4.02	1.05	1.88	0.00	2.18	0.00	93
1820	6.0 C.Y.	14,834	3.30	4.16	1.09	1.95	0.00	2.26	0.00	96

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
	BUCKETS-DRAGLINE (CONT'D)									
	MEDIUM WT. - HENDRIX MODEL TS CONT'D									
1825	7.0 C.Y.	16,932	3.77	4.74	1.24	2.22	0.00	2.57	0.00	111
1830	8.0 C.Y.	18,643	4.16	5.23	1.37	2.46	0.00	2.84	0.00	122
1835	9.0 C.Y.	22,318	4.97	6.27	1.63	2.93	0.00	3.40	0.00	149
1840	10.0 C.Y.	23,766	5.29	6.67	1.74	3.12	0.00	3.62	0.00	159
1845	12.0 C.Y.	30,290	6.75	8.50	2.22	3.98	0.00	4.61	0.00	202
1850	14.0 C.Y.	33,728	7.52	9.46	2.48	4.44	0.00	5.13	0.00	225
	HEAVY WEIGHT - HENDRIX MODEL MH-S									
1860	2.75 C.Y.	12,672	2.82	3.56	0.93	1.66	0.00	1.93	0.00	69
1865	3.0 C.Y.	13,178	2.93	3.70	0.97	1.73	0.00	2.01	0.00	72
1870	3.5 C.Y.	14,755	3.30	4.13	1.09	1.95	0.00	2.24	0.00	81
1875	4.0 C.Y.	19,735	4.39	5.53	1.44	2.59	0.00	3.00	0.00	110
1880	4.5 C.Y.	22,064	4.91	6.18	1.62	2.90	0.00	3.35	0.00	123
1885	5.0 C.Y.	22,784	5.08	6.39	1.67	3.00	0.00	3.46	0.00	127
1890	6.0 C.Y.	24,397	5.44	6.84	1.79	3.21	0.00	3.71	0.00	136
1895	7.0 C.Y.	31,018	6.91	8.70	2.27	4.08	0.00	4.72	0.00	175
1900	8.0 C.Y.	31,902	7.11	8.96	2.34	4.20	0.00	4.86	0.00	180
1905	9.0 C.Y.	40,571	9.04	11.38	2.98	5.34	0.00	6.17	0.00	234
1910	10.0 C.Y.	42,021	9.37	11.79	3.09	5.53	0.00	6.39	0.00	243
1915	12.0 C.Y.	49,978	11.13	14.02	3.66	6.57	0.00	7.60	0.00	289
1920	14.0 C.Y.	53,439	11.91	14.98	3.92	7.03	0.00	8.12	0.00	309
	COMPACTORS MANUALLY OPERATED									
1930	UR-12 I-R RAMMER 3 HP G	1,547	1.01		0.14	0.30	0.36			1
1935	GVR75Y WACKER RAMMER 3 HP G	1,217	0.89		0.11	0.23	0.36			1
1940	GVR100 WACKER RAMMER 5 HP G	1,655	1.35		0.15	0.31	0.61			1
1945	GVR151Y WACKER RAMMER 5 HP G	2,139	1.53		0.19	0.41	0.61			2

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

UNIT NO.	EQUIPMENT			VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	FUEL	SEVERE COND. OWNER-SHIP	FUEL	CWT
	COMPACTORS MANUALLY OPERATED (CONT'D)											
1950	GVR220Y WACKER RAMMER	6 HP	G	2,766	1.90		0.25	0.53	0.73			2
1955	VPG160B WACKER VIBRO PLATE	3 HP	G	1,071	0.83		0.10	0.20	0.36			2
1960	VPG260K WACKER VIBRO PLATE	7 HP	G	1,743	1.67		0.16	0.33	0.85			3
1965	VPG600 WACKER VIBRO PLATE	9 HP	G	3,147	2.48		0.29	0.60	1.09			7
1970	DPS2350 WACKER VIBRO PLATE	7 HP	D	3,333	1.71		0.30	0.64	0.41			4
1975	DPS4570 WACKER VIBRO PLATE	10 HP	D	5,393	2.65		0.48	1.02	0.58			8
1980	DVU4001 WACKER VIBRO PLATE	10 HP	D	11,042	4.67		0.99	2.09	0.58			13
1985	W 55 T WACKER D/D ROLLER	8 HP	D	10,614	4.39		0.96	2.02	0.47			17
1990	W 74 T WACKER D/D ROLLER	8 HP	D	11,980	4.87		1.07	2.27	0.47			19
	CONCRETE BUGGIES - REMINGTON											
2000	10 CF WALK-BEHIND	8 HP	G	2,255	1.51		0.16	0.29	0.76			6
	CONCRETE PAVERS											
	CMI											
2010	MOD SF - 175 SLIPFORM PAVER CURBS, MEDIANS,& SIDEWALK	142 HP	D	122,417	36.36		8.98	16.09	5.94			263
2015	MOD SF - 250 26' WIDE SLIPFORM UNIT, 0-80 FT/MIN, CRAWLER MTD.	208 HP	D	219,749	62.75		16.12	28.88	8.69			470
2020	MOD SUBURBAN 25' WIDE SLIPFORM UNIT, 0-60 FT/MIN, CRAWLER MTD.	250 HP	D	386,486	104.18		28.34	50.79	10.45			720
	GOMACO											
2030	MOD C-650 24' WIDE FORM PAVER W/4' FINISHING CYLINDERS	50 HP	G	22,780	11.17		1.67	2.98	4.39			91
2035	MOD HW-165 16'-6" WIDE SLIPFORM UNIT, AUTO VIBRATORS, CRLR MTD	100 HP	D	104,900	29.99		7.69	13.78	4.18			240

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
	CONCRETE PLACERS									
	SHOTCRETE EQUIPMENT									
2045	PLACE 1 TO 5 CY/HR 275CFM A	10,260	2.50		0.76	1.34	0.00			7
2050	PLACE 5.5 TO 10 CY/HR 450CFM A	18,809	4.44		1.38	2.46	0.00			13
2055	PLACE 5 TO 22 CY/HR 675CFM A	26,907	6.28		1.98	3.52	0.00			19
	CONCRETE PUMPS - CHALLENGE-COOK									
2065	MOD 700 1" AGG 70 CY/HR 128 HP D REQUIRES 15,000 GVW TRUCK	47,849	23.79		3.79	7.22	7.88			84
2070	MOD TITAN4000 TR'L MT'D 100 CY/HR 240 HP D	76,708	40.88		6.08	11.57	14.78			134
2075	HYDRAULIC BOOM 60' VERT 52'RAD REQUIRES 20,000 GVW TRUCK FOR BOOM ONLY OR 43,000 GVW WITH PUMP	34,810	10.20		2.76	5.25	0.00			59
	CRANE-SHOVEL-BACKHOE-DRAGLINE									
	CRAWLER TYPE-AMERICAN									
	MOD 4120 DRAGLINE 1 CY 93 HP D 13'-8" CRAWLERS W/28" SHOES									
2085	DRAGLINE OR CLAMSHELL (LESS BUCKET)	142,508	30.12	36.64	9.90	16.76	3.07	18.69	3.89	609
	MOD 597-C 1.25 CY T/C 129 HP D 14'-7" CRAWLERS W/32" SHOES									
2090	DRAGLINE OR CLAMSHELL (LESS BUCKET)	204,963	39.15	46.01	13.42	21.31	4.26	23.02	5.39	814
2095	CRANE 35-T W/70' BOOM	204,304	34.84	40.11	13.37	21.24	3.41	22.95	4.40	803
	MOD 599-C LIFTING CRANE T/C 129 HP D 16'-0" CRAWLERS W/32" SHOES									
2105	CRANE 40-T W/80' BOOM	215,446	36.52	42.02	14.11	22.40	3.41	24.20	4.40	962
	MOD 5299 LIFTING CRANE T/C 129 HP D 17'-6" CRAWLERS W/32" SHOES									
2115	CRANE 50-T W/80' BOOM	234,107	39.34	45.21	15.33	24.34	3.41	26.30	4.40	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
	CRANE-SHOVEL-BACKHOE-DRAGLINE CONT'D **********									
	CRAWLER TYPE-AMERICAN (CONT'D)									
	MOD 797-C 2 CY T/C 205 HP D 17'-6" CRAWLERS W/33" SHOES									
2125	DRAGLINE OR CLAMSHELL (LESS BUCKET)	273,892	53.57	63.11	17.93	28.47	6.76	30.77	8.57	1278
2130	CRANE 40-T W/80' BOOM	269,814	47.08	54.36	17.66	28.05	5.41	30.30	6.99	1262
	MOD 7250 STEEL ERECTOR T/C 205 HP D 17'-6" CRAWLERS W/33" SHOES									
2140	CRANE 60-T W/80' BOOM	291,809	47.38	53.63	18.33	27.70	5.41	29.35	6.99	1421
	MOD 7260 LIFTING CRANE T/C 205 HP D 19'-6" CRAWLERS W/38" SHOES									
2150	CRANE 100T W/200' BOOM	375,594	59.15	66.66	23.60	35.65	5.41	37.77	6.99	1886
	MOD 999-C STEEL ERECTOR T/C 289 HP D 23'-9" CRAWLERS W/44" SHOES									
2160	CRANE 110-T W/200' BOOM	491,155	78.01	88.00	30.86	46.62	7.63	49.39	9.85	2792
	MOD 9260 4.5 CY T/C 289 HP D 23'-9" CRAWLERS W/38" SHOES									
2170	CRANE 125T W/270' BOOM	520,167	82.08	92.51	32.68	49.37	7.63	52.31	9.85	3025
2175	DRAGLINE OR CLAMSHELL (LESS BUCKET)	497,811	87.69	100.78	31.28	47.25	9.54	50.06	12.08	2619
	MOD 9270 LIFT CR TAPERED TIP T/C 289 HP D 23'-9" CRAWLERS W/44" SHOES									
2185	CRANE 150T W/280' BOOM	570,145	89.10	100.28	35.82	54.11	7.63	57.33	9.85	3400
	MOD 9299 LIFTING CRANE T/C 289 HP D 24'-11" CRAWLERS W/50" SHOES									
2195	CRANE 165T W/290' BOOM	600,023	91.36	101.77	36.90	54.23	7.63	56.94	9.85	3580
	MOD 9310 LIFTING CRANE T/C 289 HP D 28'-2" CRAWLERS W/50" SHOES									
2205	CRANE 225T W/320' BOOM	702,579	105.44	117.19	43.21	63.50	7.63	66.68	9.85	3990

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
	CRANE-SHOVEL-BACKHOE-DRAGLINE CONT'D **********									
	CRAWLER TYPE-BUCYRUS ERIE									
	MOD 25-B SER-3 HVY DUTY 1 CY 115 HP D 13'-11" CRAWLERS W/30" SHOES									
2220	DRAGLINE OR CLAMSHELL (LESS BUCKET)	164,022	34.97	42.57	11.38	19.28	3.79	21.51	4.81	671
2225	CRANE 28-T W/50' BOOM	162,480	28.10	32.40	10.64	16.89	3.04	18.25	3.92	674
	MOD 30-B SER 4 HVY DUTY 1.5 CY 144 HP D 14'-9" CRAWLERS W/30" SHOES									
2235	BACKHOE	233,471	51.71	62.37	15.85	26.22	5.54	28.89	7.29	787
2240	DRAGLINE OR CLAMSHELL (LESS BUCKET)	223,758	42.86	50.40	14.64	23.26	4.75	25.14	6.02	833
2245	CRANE 35-T W/60' BOOM	220,516	37.74	43.48	14.43	22.92	3.80	24.77	4.91	831
	MOD 38-B SER 2 HVY DUTY 2 CY T/C 178 HP D 17'-5" CRAWLERS W/36" SHOES									
2255	SHOVEL	327,423	71.43	86.03	22.23	36.78	6.85	40.51	9.01	1298
2260	DRAGLINE OR CLAMSHELL (LESS BUCKET)	308,936	58.36	68.55	20.23	32.12	5.87	34.70	7.44	1226
	MOD 61-B SER 2 3.25 CY T/C 205 HP D 15'-11" CRAWLERS W/33" SHOES									
2270	SHOVEL	464,512	90.06	105.11	29.95	46.72	7.89	50.09	10.37	1691
2275	BACKHOE	445,134	86.69	101.25	28.70	44.77	7.89	48.01	10.37	1751
2280	DRAGLINE OR CLAMSHELL (LESS BUCKET)	422,503	72.84	83.55	26.54	40.10	6.76	42.49	8.57	1523
2285	CRANE 51-T W/70' BOOM	413,472	64.47	72.55	25.97	39.24	5.41	41.58	6.99	1536
	MOD 61-B SER-2 110-T 4 CY T/C 243 HP D 20'-6" CRAWLERS W/42" SHOES									
2295	CRANE 110T W/160' BOOM	528,105	80.06	89.14	32.48	47.73	6.42	50.13	8.29	2182
2300	DRAGLINE OR CLAMSHELL (LESS BUCKET)	497,360	85.81	98.45	31.24	47.20	8.02	50.02	10.16	2010
	MOD 71-B SER 3 4.25 CY T/C 246 HP D 16'-10" CRAWLERS W/36" SHOES									
2310	SHOVEL	528,019	102.96	120.27	34.05	53.11	9.47	56.95	12.45	2196
2315	BACKHOE	500,412	98.16	114.75	32.26	50.33	9.47	53.97	12.45	2100

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
	CRANE-SHOVEL-BACKHOE-DRAGLINE CONT'D									
	CRAWLER TYPE-BUCYRUS ERIE (CONT'D)									
	MOD 71-B SER 3 4.25 CY T/C 246 HP D 16'-10" CRAWLERS W/36" SHOES									
2320	DRAGLINE OR CLAMSHELL (LESS BUCKET)	473,828	82.32	94.49	29.77	44.97	8.12	47.65	10.28	1736
	MOD 88-B SER 4 5.5 CY T/C 365 HP D 17'-10" CRAWLERS W/36" SHOES									
2330	SHOVEL	740,905	139.97	161.43	46.55	70.32	14.05	74.51	18.47	2822
2335	DRAGLINE OR CLAMSHELL (LESS BUCKET)	628,481	107.84	122.68	38.65	56.80	12.04	59.65	15.26	2274
	CRAWLER TYPE-LINK BELT (FMC)									
	MOD LS-98A LIFTING CRANE T/C 118 HP D 15'-1" CRAWLERS W/24" SHOES									
2350	CRANE 40-T W/50' BOOM	168,869	29.16	33.60	11.06	17.56	3.12	18.96	4.02	772
	MOD LS-118 LIFTING CRANE T/C 165 HP D 17'-0" CRAWLERS W/30" SHOES									
2360	CRANE 60-T W/80' BOOM	242,588	41.74	48.11	15.89	25.23	4.36	27.25	5.63	1232
	MOD LS-338 LIFTING CRANE T/C 208 HP D 20'-0" CRAWLERS W/38" SHOES									
2370	CRANE 100-T W/200' BOOM	387,600	59.68	66.60	23.83	35.03	5.49	36.78	7.09	1912
	MOD LS-518 LIFTING CRANE T/C 230 HP D 24'-4" CRAWLERS W-44" SHOES									
2380	CRANE 150-T W/250' BOOM	565,394	84.77	94.21	34.77	51.10	6.07	53.66	7.84	2912
	CRAWLER TYPE-MANITOWOC									
	MOD 3900 VICON 3.5 CY T/C 334 HP D 20'-4" CRAWLERS W/38" SHOES									
2395	DRAGLINE OR CLAMSHELL (LESS BUCKET)	392,268	73.22	84.66	24.65	37.23	11.02	39.45	13.96	2306
2400	CRANE 100T W/240' BOOM	402,164	66.91	75.99	25.26	38.17	8.82	40.45	11.39	2354

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
	CRANE-SHOVEL-BACKHOE-DRAGLINE CONT'D									
	CRAWLER TYPE-MANITOWOC (CONT'D)									
	MOD 3900W VICON SER2 4 CY T/C 334 HP D 24'-0" CRAWLERS W/48" SHOES									
2410	DRAGLINE OR CLAMSHELL (LESS BUCKET)	471,119	85.32	98.36	29.59	44.71	11.02	47.38	13.96	2763
2415	CRANE 140T W/250' BOOM	479,886	77.83	88.07	30.14	45.54	8.82	48.26	11.39	2815
	MOD 4100W VICON SER2 5 CY T/C 345 HP D 26'-6" CRAWLERS W/48" SHOES									
2425	DRAGLINE OR CLAMSHELL (LESS BUCKET)	668,326	116.03	133.19	41.98	63.43	11.38	67.21	14.42	3788
2430	CRANE 200T W/260' BOOM	680,065	104.11	116.07	41.83	61.47	9.11	64.55	11.76	3929
	MOD 4600 VICON SERIES 3 7CY T/C 685 HP D 26'-1" CRAWLERS W/60" SHOES									
2440	CRANE 240T W/260' BOOM	976,085	155.32	174.22	60.03	88.22	18.08	92.63	23.36	5095
2445	DRAGLINE OR CLAMSHELL (LESS BUCKET)	1,009,341	177.05	201.88	62.07	91.22	22.60	95.80	28.63	5083
	CRAWLER TYPE-NORTHWEST									
	MOD 28-D 3/4 CY 148 HP D 11'-11" CRAWLERS W/28" SHOES									
2460	DRAGLINE OR CLAMSHELL (LESS BUCKET)	121,431	28.33	34.61	8.43	14.27	4.88	15.92	6.19	484
2465	CRANE 15-T W/30' BOOM	120,394	23.56	27.92	8.17	13.52	3.91	14.90	5.05	474
	MOD-41 1 CY 148 HP D 15'-0" CRAWLERS W/30" SHOES									
2475	DRAGLINE OR CLAMSHELL (LESS BUCKET)	168,325	37.05	45.15	11.68	19.78	4.88	22.07	6.19	737
2480	CRANE 20-T W/40' BOOM	165,734	30.70	36.17	11.26	18.62	3.91	20.50	5.05	720
	MOD 50-D 1.5 CY T/C 263 HP D 15'-4" CRAWLERS W/30" SHOES									
2490	DRAGLINE OR CLAMSHELL (LESS BUCKET)	215,570	46.13	54.67	14.11	22.41	8.68	24.21	10.99	954
2495	CRANE 45-T W/60' BOOM	214,102	40.49	47.18	14.02	22.26	6.94	24.05	8.97	947

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
	CRANE-SHOVEL-BACKHOE-DRAGLINE CONT'D									
	CRAWLER TYPE-NORTHWEST (CONT'D)									
	MOD 80-D 2.5 CY T/C 263 HP D 15'-10" CRAWLERS W/30" SHOES									
2505	SHOVEL	372,829	84.08	101.57	25.31	41.88	10.13	46.13	13.31	1720
2510	DRAGLINE OR CLAMSHELL (LESS BUCKET)	326,261	64.56	76.10	21.36	33.92	8.68	36.65	10.99	1496
2515	CRANE 40-T W/50' BOOM	313,779	55.52	64.22	20.54	32.62	6.94	35.25	8.97	1477
	MOD 9570 4.0 CY T/C 263 HP D 19'-0" CRAWLERS W/38" SHOES									
2525	DRAGLINE OR CLAMSHELL (LESS BUCKET)	393,946	70.72	81.45	24.75	37.39	8.68	39.62	10.99	1580
2530	CRANE 60-T W/50' BOOM	384,210	62.17	70.33	24.14	36.47	6.94	38.64	8.97	1565
	MOD 180-D SERIES 2 5 CY T/C 358 HP D 18'-1" CRAWLERS W/36" SHOES									
2540	SHOVEL	621,154	124.24	145.57	40.05	62.47	13.78	66.99	18.11	2571
2545	DRAGLINE OR CLAMSHELL (LESS BUCKET)	551,539	98.61	113.53	34.65	52.35	11.81	55.47	14.96	2365
2550	CRANE 97.5-T W/170' BOOM	566,687	90.77	102.54	35.60	53.79	9.45	56.99	12.21	2464
	MOD 190-D WT SERIES 2 T/C 3 430 HP D 21'-1" CRAWLERS W/54" SHOES									
2560	SHOVEL 8.25 CY	732,819	141.57	163.79	46.03	69.55	16.55	73.69	21.76	3099
2565	DRAGLINE 6.5 CY (LESS BUCKET)	585,182	103.92	118.67	35.98	52.88	14.19	55.54	17.97	2550
2570	CRANE 100-T W/170' BOOM	614,185	99.68	112.81	38.58	58.29	11.35	61.76	14.66	2872
	CRAWLER TYPE-P & H									
	MOD 535 1.25 CY T/C 158 HP D 15'-8" CRAWLERS W/30" SHOES									
2585	DRAGLINE OR CLAMSHELL (LESS BUCKET)	219,961	42.76	50.35	14.39	22.86	5.21	24.71	6.60	870
2590	CRANE 35-T W/50' BOOM	212,984	37.06	42.77	13.95	22.15	4.17	23.93	5.39	870
	MOD 550 1.75 CY T/C 158 HP D 18'-0" CRAWLERS W/30" SHOES									
2600	DRAGLINE (LESS BUCKET)	244,170	46.80	55.03	15.99	25.39	5.21	27.43	6.60	1002

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	FUEL	SEVERE COND. OWNER-SHIP	FUEL	CWT
	CRANE-SHOVEL-BACKHOE-DRAGLINE CONT'D									
	CRAWLER TYPE-P & H (CONT'D)									
	MOD 550 1.75 CY T/C 158 HP D 18'-0" CRAWLERS W/30" SHOES									
2605	CRANE 50-T W/80' BOOM	237,972	40.82	47.04	15.58	24.74	4.17	26.73	5.39	1002
	MOD 670WLC 2 CY T/C 198 HP D 18'-6" CRAWLERS W/30" SHOES									
2615	DRAGLINE OR CLAMSHELL (LESS BUCKET)	286,459	55.40	65.20	18.75	29.78	6.53	32.18	8.28	1344
2620	CRANE 70-T W/150' BOOM	292,652	47.28	53.48	18.38	27.77	5.23	29.43	6.75	1466
	CRANES-HYDRAULIC-SELF PROPELLED									
	GROVE									
2635	MOD RT58A 14 TON 112 HP D	87,653	19.58		5.71	8.48	4.68			407
2640	MOD RT515 15 TON 115 HP D	95,795	20.98		6.24	9.29	4.81			415
2645	MOD RT518 18 TON 115 HP D	108,268	23.10		7.04	10.42	4.81			453
2650	MOD RT522 22 TON 115 HP D	118,552	24.65		7.71	11.42	4.81			498
2655	MOD RT625 25 TON 156 HP D	154,178	31.92		10.03	14.88	6.52			545
2660	MOD RT740 40 TON 170 HP D	215,473	42.87		13.98	20.68	7.11			764
	LORAIN									
2670	MOD LRT150 15 TON 120 HP D	96,377	21.19		6.30	9.42	5.02			438
2675	MOD LRT180 18 TON 120 HP D	103,785	22.30		6.78	10.15	5.02			450
2680	MOD LRT220 22 TON 120 HP D	111,007	23.38		7.25	10.86	5.02			468
	PETTIBONE									
2690	MOD 25 12.5 TON 120 HP D	102,406	22.10		6.70	10.02	5.02			456
2695	MOD 36P 18 TON 120 HP D	119,508	24.89		7.79	11.60	5.02			492
2700	MOD 70 35 TON 188 HP D	179,775	38.21		11.68	17.28	7.86			770
2705	MOD 100SC 50 TON 188 HP D	256,252	49.97		16.67	24.73	7.86			1050

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 MOUNTED ********** (HP & FUEL LISTED EQUIP/CARRIER)									
	BUCYRUS ERIE									
2715	30-XC 30 TON W/80' BOOM 130/210 HP D/D	171,802	32.29	37.32	10.74	16.12	7.00	17.08	8.97	552
2720	60-XC 60-TON W/104' BOOM 197/238 HP D/D	302,042	53.72	61.76	18.91	28.42	10.01	30.10	12.90	783
	GROVE									
2730	TMS185 18 TON W/106' BOOM 172 HP D	162,414	32.60	38.56	10.60	16.74	7.19	18.07	9.46	442
2735	TMS300 35 TON W/112' BOOM 203 HP D	188,694	36.59	42.76	11.79	17.66	8.49	18.70	11.16	705
2740	TMS475 50 TON W/142' BOOM 213 HP D	239,297	43.87	50.95	14.97	22.47	8.90	23.80	11.71	776
2745	TM875 80 TON W/146' BOOM 196/268 HP D/D	343,982	59.61	67.89	21.02	30.55	10.19	32.05	13.11	1200
	LINK BELT (FMC)									
2755	HTC-25 25-T W/95' BOOM 216 HP D	164,198	33.77	39.77	10.28	15.44	9.03	16.35	11.88	462
2760	HTC-35 35-T W/108' BOOM 216 HP D	192,377	37.61	44.01	12.05	18.09	9.03	19.16	11.88	628
2765	HTC-50 50-T W/122' BOOM 244 HP D	234,660	44.83	52.32	14.69	22.06	10.20	23.36	13.42	727
	PETTIBONE									
2775	50TKLSPC 25 TON W/95' BOOM 210 HP D	161,807	34.50	41.12	10.55	16.66	8.78	18.00	11.55	520
2780	80TKLS 40 TON W/112' BOOM 244 HP D	218,007	42.65	49.92	13.64	20.46	10.20	21.67	13.42	738
2785	100TKLSPC50 TON W/111' BOOM 244 HP D	238,303	45.37	52.93	14.91	22.39	10.20	23.71	13.42	820
2790	160TKLSPC80 TON W/118' BOOM 365 HP D	351,635	67.01	77.76	21.49	31.24	15.26	32.78	20.07	1395
	CRANES-TRUCK MOUNTED ********** (HP & FUEL LISTED EQUIP/CARRIER)									
	AMERICAN									
2800	5530 75-T W/170' BOOM 115/238 HP D/D	309,352	50.00	56.31	18.94	27.61	6.58	28.96	8.39	1245
2805	7530 125T W/200' BOOM 203/350 HP D/D	431,541	72.10	81.67	26.41	38.51	11.09	40.41	14.20	1696

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-TRUCK MOUNTED (CONT'D) ********** (HP & FUEL LISTED EQUIP/CARRIER)									
	LINK BELT (FMC)									
2815	HC108C 50-T W/150' BOOM 117/238 HP D/D	296,918	49.20	55.95	18.56	27.79	6.66	29.42	8.50	1197
2820	HC218A 100-T W/220' BOOM 165/318 HP D/D	407,334	65.71	73.50	24.52	34.94	9.26	36.41	11.84	1566
2825	HC238A 140-T W/230' BOOM 171/318 HP D/D	489,295	76.90	85.72	29.45	41.96	9.51	43.73	12.17	2068
	LORAIN									
2835	MC550A 50-T W/160' BOOM 115/246 HP D/D	291,401	48.44	55.08	18.21	27.26	6.64	28.86	8.46	1111
2840	MC670A 70-T W/170' BOOM 150/290 HP D/D	348,498	57.46	64.93	21.35	31.14	8.43	32.67	10.77	1243
2845	MC790 90-T W/220' BOOM 220/290 HP D/D	427,756	71.69	81.35	26.21	38.26	11.35	40.15	14.62	1594
2850	MC8150 150T W/250' BOOM 246/365 HP D/D	587,001	94.17	105.38	35.34	50.36	13.00	52.48	16.70	2625
	P & H									
2860	325TC 25-T W/110' BOOM 83/190 HP D/D	181,548	32.51	37.71	11.83	18.68	4.88	20.17	6.21	645
2865	430ATC 35-T W/150' BOOM 95/210 HP D/D	203,854	34.79	39.70	12.75	19.15	5.53	20.28	7.05	763
2870	440TC 40-T W/170' BOOM 95/236 HP D/D	217,172	36.97	42.13	13.58	20.36	5.73	21.56	7.27	964
2875	650ATC 50-T W/150' BOOM 135/236 HP D/D	302,828	50.91	58.04	18.92	28.34	7.40	30.01	9.47	1178
2880	670TC 70-T W/180' BOOM 135/255 HP D/D	324,121	53.13	60.01	19.84	28.93	7.54	30.36	9.64	1340
2885	790BTC 90-T W/200' BOOM 160/350 HP D/D	376,093	62.56	70.73	23.01	33.50	9.29	35.15	11.84	1736
2890	9125ATC 140T W/270' BOOM 210/350 HP D/D	515,727	82.69	92.47	31.05	44.26	11.38	46.12	14.59	2529
2895	6250TC 250T W/320' BOOM 363/450 HP D/D	1,024,437	158.31	176.42	61.73	88.12	18.52	91.85	23.87	4552
	DRILLS-BLAST HOLE-CRAWLER MTD **********									
	GARDNER DENVER									
2905	AT3100B/PR123J 3.0" HOLE 12' FEED 600CFM A	59,125	14.65		4.35	7.69	0.00			91
2910	AT3100B/PR55 3.5" HOLE 12' FEED 750CFM A	54,237	13.59		3.99	7.06	0.00			93
2915	AT3100B/PR66 4.0" HOLE 12' FEED 900CFM A	61,787	15.57		4.55	8.04	0.00			95
2920	AT3700A/PR66 ANGLE DRILL 900CFM A 4.0" HOLE 12' FEED	72,889	18.26		5.36	9.48	0.00			146
2925	ATD5100/PR80H ANGLE DRILL 1200CFM A 4.5" HOLE 20' FEED	80,970	20.36		5.96	10.53	0.00			200

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-CRAWLER MTD (CONT'D									
	INGERSOLL-RAND									
2935	ECM350/VL140 4.0" HOLE 12' FEED 750CFM A	63,421	15.80		4.67	8.25	0.00			129
2940	ECM350/VL671 4.5" HOLE 12' FEED 900CFM A	69,161	17.32		5.08	8.99	0.00			131
2945	CM2000/VL170 5.0" HOLE 24' FEED1400CFM A	78,518	19.90		5.77	10.21	0.00			170
	JOY									
2955	RAM STD/VCR260 4.0" HOLE 12' FEED 800CFM A	58,125	14.57		4.28	7.56	0.00			100
2960	RAM EXT/VCR260 4.0" HOLE 12' FEED 800CFM A	65,993	16.48		4.85	8.58	0.00			144
2965	MUSTANG VCR280 5" HOLE 23' FEED1200CFM A	80,627	20.27		5.93	10.49	0.00			184
	DRILLS-CORE-AIR-COLUMN MOUNTED									
2975	LONGYEAR 24 WOLVERINE AX 700' 450CFM A	13,742	3.59		1.01	1.79	0.00			12
2980	LONGYEAR 65D EX 600' 400CFM A	9,136	2.47		0.67	1.19	0.00			3
2985	65D ROD PULLER 21" STROKE 400CFM A	1,359	0.52		0.10	0.17	0.00			1
	DRILLS-CORE-SKID MOUNTED									
	ACKER									
2995	TEREDO MARK-II NX 1000' MAX 44 HP D	21,452	8.04		1.58	2.79	2.27			40
3000	ACE MODEL C NX 725' MAX 20 HP D	14,956	4.92		1.10	1.95	1.03			45
	SPRAGUE AND HENWOOD									
3010	MOD 37-H NX 400' MAX 18 HP G	12,903	5.39		0.95	1.68	1.94			18
3015	MOD 40-CL NX1050' MAX 49 HP D	19,940	7.98		1.47	2.59	2.53			27
	LONGYEAR									
3025	MOD 24 STD AX 675' MAX 12 HP G	13,539	4.79		1.00	1.76	1.29			17
3030	MOD 34 NX 1000' MAX 31 HP G	20,584	8.88		1.52	2.68	3.34			38
3035	MOD 34 NX 1000' MAX 40 HP D	24,540	8.53		1.80	3.19	2.07			39
3040	MOD 38 NX 1800' MAX 54 HP D	28,236	10.32		2.07	3.67	2.79			41

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-CORE-SKID MOUNTED (CONT'D) **********									
	LONGYEAR (CONT'D)									
3045	MOD 44 NX 2500' MAX 60 HP D	33,875	12.07		2.49	4.40	3.10			56
	DRILLS-ROTARY **********									
	INGERSOLL-RAND									
3055	MOD T4-BH 7-7/8" DRILLMASTER TRK. MOUNTED 304 HP D	252,690	65.43		16.57	25.93	15.72			550
	JOY-ROBBINS									
3065	RRT 35 TK MOUNTED 6-1/4" TO 8" 225 HP D	218,404	54.09		14.32	22.41	11.63			860
3070	RRT 50 TK MOUNTED 6-3/4" TO 9" 325 HP D	369,850	88.24		24.23	37.88	16.80			860
3075	RRT 60 TK MTD 6-3/4" TO 9-7/8" 335 HP D	393,013	93.03		25.76	40.28	17.32			960
3080	RRT 70 TK MTD 9.00 " TO 10-5/8" 350 HP D	467,078	107.55		30.61	47.85	18.09			1120
3085	RR10HD ON D9 6-3/4" TO 10-5/8" 500 HP D	403,685	104.25		26.56	41.77	25.85			1340
3090	RR11 CRLR MTD 6-3/4" TO 12-1/4" 575 HP E	667,637	127.37		41.33	60.20	32.20			1421
3095	RR12 CRLR MTD 10-5/8" TO 12-1/2" 600 HP E	833,509	149.12		51.60	75.16	33.60			1500
3100	RR16 CRLR MTD 10-5/8" TO 15" 1100 HP E	946,520	204.51		58.60	85.35	61.60			2200
	FORK LIFTS **********									
	HYSTER-CHALLENGER									
3110	H30H 3000# @ 24" LC (LOAD CNTR) 63 HP G	21,533	12.05		1.57	2.77	5.53			71
3115	H60C 6000# @ 24" LC 80 HP G	24,398	14.59		1.78	3.14	7.02			103
3120	H110F 11000# @ 24" LC 116 HP G	37,272	21.57		2.73	4.81	10.18			163
3125	H150H 15000# @ 24" LC 127 HP G	52,302	26.45		3.80	6.67	11.15			234
3130	H200HS20000# @ 24" LC PS 127 HP G	59,716	28.22		4.35	7.64	11.15			256
3135	H250H 25000# @ 24" LC PS 127 HP G	62,135	28.81		4.52	7.92	11.15			295
3140	H300B 30000# @ 24" LC PS 127 HP G	69,298	30.54		5.05	8.87	11.15			360
3145	H460B 46000# @ 48" LC PS 190 HP G	133,757	52.92		9.72	17.08	16.68			590

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
	GENERATOR ELECT PLANTS									
	CATERPILLAR T = TURBOCHARGED TA = TURBOCHARGED AFTER COOLED									
	SKID MOUNTED									
3160	MOD 3304 -T 240/480V 85 KW 129 HP D	16,115	10.29	12.93	1.20	1.96	5.39	2.08	7.09	37
3165	MOD 3306 -T 240/480V 130 KW 200 HP D	18,986	14.61	18.52	1.42	2.30	8.36	2.45	11.00	46
3170	MOD 3306 -TA 240/480V 150 KW 220 HP D	21,635	16.25	20.56	1.62	2.63	9.20	2.79	12.10	48
3175	MOD 3406 -T 240/480V 175 KW 260 HP D	22,920	18.61	23.62	1.72	2.79	10.87	2.96	14.30	57
3180	MOD 3406 -TA 240/480V 200 KW 295 HP D	25,967	21.11	26.78	1.95	3.16	12.33	3.35	16.22	59
3185	MOD 3408 -T 240/480V 225 KW 330 HP D	30,369	23.91	30.31	2.28	3.70	13.79	3.92	18.15	72
3190	MOD 3408 -TA 240/480V 265 KW 390 HP D	32,956	27.59	35.06	2.47	4.01	16.30	4.25	21.45	81
3195	MOD D353 -TA 240/480V 290 KW 425 HP D	58,461	35.11	43.98	4.37	7.11	17.76	7.53	23.37	114
3200	MOD 3412 -T 240/480V 300 KW 440 HP D	45,584	33.00	41.72	3.41	5.54	18.39	5.88	24.20	91
3205	MOD 3412 -TA 240/480V 440 KW 625 HP D	53,018	44.26	56.24	3.97	6.45	26.12	6.84	34.37	102
3210	MOD D348 -TA 240/480V 510 KW 730 HP D	81,061	55.98	70.60	6.07	9.86	30.51	10.45	40.15	140
3215	MOD D398B-TA 230/460V 565 KW 810 HP D	119,855	68.82	86.01	8.96	14.57	33.86	15.45	44.55	208
3220	MOD D399 -TA 230/460V 820 KW 1155 HP D	155,857	94.76	118.78	11.65	18.95	48.28	20.09	63.52	268
	ONAN									
	SKID MOUNTED									
3235	120/240V 15 KW 27 HP D	5,890	2.72	3.35	0.44	0.72	1.13	0.76	1.48	14
3240	120/240V 30 KW 63 HP D	8,736	5.22	6.54	0.66	1.07	2.63	1.13	3.46	19
3245	120/240V 45 KW 87 HP D	11,551	7.09	8.90	0.86	1.40	3.64	1.49	4.78	25
3250	120/240V 60 KW 102 HP D	13,275	8.26	10.37	1.00	1.62	4.26	1.71	5.61	26
3255	120/240V 75 KW 162 HP D	15,797	11.94	15.11	1.18	1.92	6.77	2.04	8.91	30
3260	120/240V 90 KW 162 HP D	16,550	12.10	15.31	1.24	2.01	6.77	2.14	8.91	30
3265	120/240V 125 KW 210 HP D	19,158	15.18	19.24	1.43	2.33	8.78	2.47	11.55	50
3270	120/240V 150 KW 276 HP D	22,705	19.39	24.64	1.70	2.76	11.54	2.92	15.18	65

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 **********												
		AUSTIN WESTERN (CLARK)												
3280	PACER 301	POWER SHIFT	4X4	146 HP	D	93,061	24.75	30.40	6.52	10.50	5.62	11.63	7.39	245
3285	SUPER 301	POWER SHIFT	6X6	146 HP	D	101,032	26.27	32.25	7.07	11.38	5.62	12.60	7.39	273
3290	PACER 501	POWER SHIFT	4X4	187 HP	D	98,948	27.87	34.34	6.93	11.17	7.20	12.37	9.46	280
3295	SUPER 501	POWER SHIFT	6X6	187 HP	D	106,597	29.36	36.20	7.46	12.00	7.20	13.29	9.46	315
		CATERPILLAR												
3305	MOD 120-G	POWER SHIFT ARTIC		125 HP	D	81,934	21.63	26.53	5.73	9.22	4.81	10.20	6.32	275
3310	MOD 130-G	POWER SHIFT ARTIC		135 HP	D	91,542	23.90	29.28	6.40	10.31	5.20	11.42	6.83	295
3315	MOD 12-G	POWER SHIFT ARTIC		135 HP	D	99,669	25.44	31.10	6.98	11.23	5.20	12.43	6.83	313
3320	MOD 140-G	POWER SHIFT ARTIC		150 HP	D	100,794	26.42	32.43	7.05	11.33	5.77	12.55	7.59	319
3325	MOD 14-G	POWER SHIFT ARTIC		180 HP	D	141,664	35.94	44.25	9.86	15.74	6.93	17.40	9.11	433
3330	MOD 16-G	POWER SHIFT ARTIC		250 HP	D	204,524	51.56	63.58	14.21	22.63	9.62	25.01	12.65	581
		FIAT-ALLIS												
3340	MOD-65B	DIRECT DRIVE		68 HP	D	42,585	11.33	13.89	2.98	4.81	2.62	5.33	3.44	143
3345	MOD-100C	CONSTANT MESH		135 HP	D	81,606	22.10	27.17	5.71	9.17	5.20	10.14	6.83	310
3350	MOD-150C	POWER SHIFT		135 HP	D	87,268	23.14	28.40	6.10	9.81	5.20	10.86	6.83	316
3355	MOD-200C	POWER SHIFT		160 HP	D	94,044	25.68	31.62	6.57	10.56	6.16	11.69	8.10	322
		GALION												
3365	MOD 503-L	DIRECT DRIVE		68 HP	G	39,315	13.75	17.02	2.75	4.44	5.52	4.92	7.14	115
3370	MOD T-500C	POWER SHIFT		150 HP	D	81,027	22.70	27.97	5.67	9.12	5.77	10.09	7.59	281
3375	MOD T-600C	POWER SHIFT		200 HP	D	98,514	28.49	35.19	6.89	11.07	7.70	12.26	10.12	321
		WABCO												
3385	MOD 444	POWER SHIFT		135 HP	D	83,882	22.49	27.61	5.87	9.44	5.20	10.45	6.83	302
3390	MOD 555	CONSTANT MESH		160 HP	D	86,173	24.22	29.90	6.02	9.66	6.16	10.69	8.10	321
3395	MOD 777-B	POWER SHIFT		201 HP	D	100,640	28.97	35.79	7.03	11.30	7.74	12.50	10.17	355

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
	HOISTS ******									
	BENDIX-SKAGIT									
3405	BU-18 DOUBLE DRUM W/5/8" CABLE 100 HP D	56,270	18.64		4.14	7.36	4.18			85
3410	G-70 DOUBLE DRUM W/7/8" CABLE 100 HP D	76,054	23.36		5.58	9.94	4.18			126
3415	RB-80 DOUBLE DRUM W/1-1/8" CABLE 130 HP D	116,911	34.68		8.58	15.28	5.43			240
3420	RB-90WDOUBLE DRUM W/1-3/8" CABLE 150 HP D	138,875	40.98		10.20	18.16	6.27			300
	GARDNER DENVER									
3430	HML SINGLE DRUM W/1/2" CABLE 350CFM A	6,106	1.66		0.45	0.80	0.00			10
	HYDRAULIC EXCAVATOR-CRAWLER MOUNTED ********** T/B = TELESCOPING BOOM B/H = BACKHOE									
	AMERICAN									
3440	MOD 25A 1.38 CY B/H 185 HP D	165,665	40.44	49.19	11.24	18.60	7.12	20.50	9.36	660
3445	MOD 35A 2.00 CY B/H 250 HP D	216,899	53.31	64.88	14.72	24.36	9.62	26.84	12.65	970
3450	MOD 45A 3.50 CY B/H 420 HP D	369,365	83.29	98.94	23.82	37.15	16.17	39.84	21.25	1700
	BUCYRUS ERIE									
3460	MOD 300-H 1.00 CY B/H 176 HP D	147,223	38.77	48.41	10.49	18.22	6.78	20.64	8.91	530
3465	MOD 325-H 1.75 CY B/H 205 HP D	201,462	48.29	58.64	13.68	22.63	7.89	24.93	10.37	750
3470	MOD 350-H 2.50 CY B/H 248 HP D	255,114	60.62	73.55	17.32	28.65	9.55	31.56	12.55	1020
	CATERPILLAR									
3480	MOD 215 .75 CY B/H 85 HP D	103,558	25.50	31.73	7.37	12.81	3.27	14.52	4.30	387
3485	MOD 225 1.00 CY B/H 125 HP D	135,857	34.07	42.43	9.68	16.81	4.81	19.05	6.32	504
3490	MOD 235 1.50 CY B/H 195 HP D	231,478	53.64	64.96	15.72	26.00	7.51	28.64	9.87	872
3495	MOD 245 2.50 CY B/H 325 HP D	351,946	82.85	100.44	23.89	39.53	12.51	43.54	16.44	1308

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
	HYDRAULIC EXCAVATOR-CRLR MNTD CONT'D ********** T/B = TELESCOPING BOOM B/H = BACKHOE													
	DROTT													
3505	MOD 40-D	1.00 CY	B/H	157 HP	D	96,509	27.30	34.21	6.87	11.94	6.04	13.53	7.94	400
3510	MOD 50-D	1.25 CY	B/H	190 HP	D	122,859	32.40	39.63	8.34	13.80	7.31	15.20	9.61	510
	GRADALL													
3520	MOD G-660	.50 CY	T/B	115 HP	D	126,508	31.67	39.44	9.02	15.66	4.43	17.74	5.82	459
3525	MOD G-880	.75 CY	T/B	160 HP	D	157,349	40.15	50.05	11.21	19.47	6.16	22.05	8.10	549
3530	MOD G-1000	1.25 CY	T/B	272 HP	D	210,607	53.10	64.74	14.30	23.66	10.47	26.06	13.76	787
	HOPTO													
3540	MOD 211	1.00 CY	B/H	160 HP	D	121,403	30.75	37.52	8.24	13.63	6.16	15.02	8.10	516
3545	MOD 311	1.88 CY	B/H	235 HP	D	176,484	44.83	54.68	11.99	19.83	9.05	21.84	11.89	743
3550	MOD 900B	3.25 CY	B/H	308 HP	D	212,137	50.86	60.81	13.67	21.33	11.86	22.88	15.58	1009
3555	MOD 1900	4.50 CY	B/H	616 HP	D	459,747	107.91	128.70	29.64	46.24	23.72	49.58	31.17	2049
	INSLEY													
3565	MOD H1500C	1.50 CY	B/H	240 HP	D	196,727	48.95	59.63	13.35	22.09	9.24	24.34	12.14	767
3570	MOD H2500C	2.00 CY	B/H	290 HP	D	237,738	59.16	72.06	16.14	26.70	11.16	29.42	14.67	955
3575	MOD H3500C	3.00 CY	B/H	390 HP	D	307,568	71.17	84.78	19.83	30.93	15.01	33.17	19.73	1275
	KOEHRING													
3585	MOD 866E	2.12 CY	B/H	325 HP	D	329,535	78.51	95.29	22.37	37.01	12.51	40.77	16.44	1327
3590	MOD 1066D	4.00 CY	B/H	380 HP	D	413,879	97.34	118.00	28.10	46.49	14.63	51.21	19.23	1640
3595	MOD 1266D	5.50 CY	B/H	760 HP	D	689,165	154.33	183.17	44.43	69.31	29.26	74.32	38.46	2600
	P & H													
3605	MOD H-750	.75 CY	B/H	105 HP	D	92,711	24.14	30.13	6.60	11.47	4.04	12.99	5.31	390
3610	MOD H-1250	1.00 CY	B/H	190 HP	D	129,089	35.60	44.57	9.19	15.97	7.31	18.10	9.61	620

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
	HYDRAULIC EXCAVATOR-CRLR MNTD CONT'D ********** T/B = TELESCOPING BOOM B/H = BACKHOE									
	SHIELD BANTAM									
3620	MOD C166 .50 CY B/H 108 HP D	76,932	20.99	26.24	5.48	9.52	4.16	10.78	5.46	321
3625	MOD C266 .88 CY B/H 143 HP D	116,939	30.94	38.65	8.33	14.47	5.51	16.40	7.24	463
	UNIT									
3635	MOD H202C SER II .75 CY B/H 152 HP D	109,924	29.87	37.36	7.83	13.60	5.85	15.41	7.69	440
3640	MOD H342 1.25 CY B/H 228 HP D	188,982	46.93	57.14	12.83	21.23	8.78	23.38	11.54	740
3645	MOD H471 1.75 CY B/H 304 HP D	233,567	59.00	71.94	15.86	26.24	11.70	28.90	15.38	1003
	HYDRAULIC EXCAVATOR-TRUCK MOUNTED ********** (HP & FUEL LISTED EQUIP/CARRRIER) T/B = TELESCOPING BOOM B/H = BACKHOE									
	GRADALL									
3655	MOD G-660 .50 CY T/B 115/180 HP D/G	153,953	31.53	37.35	10.04	15.84	7.20	17.10	9.44	430
3660	MOD G-880 .75 CY T/B 160/210 HP D/D	170,913	35.32	41.66	11.12	17.52	8.25	18.92	10.62	530
3665	MOD G-1000 1.25 CY T/B 272/228 HP D/D	224,612	47.36	55.60	14.04	21.01	13.07	22.24	16.94	730
	LAND CLEARING EQUIPMENT ********** (ADD TO TRACTOR)									
3675	FLECO LAND CLEARING RAKE FOR D-6	16,100	3.72	4.68	1.18	2.10	0.00	2.43	0.00	65
3680	FLECO LAND CLEARING RAKE FOR D-7	22,922	5.30	6.65	1.68	3.00	0.00	3.47	0.00	107
3685	FLECO LAND CLEARING RAKE FOR D-8	29,790	6.88	8.63	2.19	3.90	0.00	4.50	0.00	140
3690	FLECO CLAMP RAKE FOR CAT 977 (ADD TO 977 LOADER)	14,391	3.44	4.30	1.06	1.88	0.00	2.18	0.00	58

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
	LIGHTING SETS-TRAILER MOUNTED **********									
	ALLMAND METALLIC VAPOR									
3700	30' TOWER 4/1000W LTS 5 KW 11 HP D	11,093	3.28		0.83	1.37	0.68			26
	OVER LOWE METALLIC VAPOR									
3710	38' TOWER 4/1000W LTS 6 KW 12 HP D	10,103	3.13		0.75	1.24	0.74			22
	LOADERS-BELT **********									
	KOLMAN									
3720	101XHD 24"X50' 355 T/HR 28 HP D	25,207	7.88	10.22	1.85	2.97	1.17	3.37	1.54	116
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
3730	PLATE FEEDER DOZER TRAP MODEL 45	4,671	1.08	1.36	0.35	0.57	0.00	0.66	0.00	37
3735	BELT FEEDER DOZER TRAP MODEL 65	6,782	1.58	1.97	0.51	0.84	0.00	0.95	0.00	36
3740	WING WALLS STATIONARY	1,041	0.24	0.30	0.08	0.13	0.00	0.14	0.00	9
3745	TUNNEL EXTENSION W/WING WALLS	5,440	1.26	1.58	0.41	0.67	0.00	0.76	0.00	61
3750	SINGLE DECK SCREEN SB-70 7'X42	4,643	1.07	1.35	0.35	0.57	0.00	0.65	0.00	19
3755	DOUBLE DECK SCREEN DC-70-42 7'X42	5,514	1.28	1.61	0.41	0.68	0.00	0.78	0.00	27
3760	TRIPLE DECK SCREEN TC-70-42 7'X42	7,197	1.66	2.09	0.54	0.88	0.00	1.01	0.00	34
3765	XHD CONVEYOR JACKLEG	823	0.19	0.24	0.06	0.10	0.00	0.12	0.00	9
3770	101XHD 30"X50' 615 T/HR 42 HP D	28,267	9.47	12.32	2.07	3.32	1.76	3.77	2.31	135
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
3780	PLATE FEEDER DOZER TRAP MODEL 45	5,804	1.34	1.68	0.43	0.71	0.00	0.81	0.00	42
3785	BELT FEEDER DOZER TRAP MODEL 65	7,108	1.65	2.06	0.54	0.88	0.00	0.99	0.00	40
3790	WING WALLS STATIONARY	1,041	0.24	0.30	0.08	0.13	0.00	0.14	0.00	9
3795	TUNNEL EXTENSION W/WING WALLS	5,440	1.26	1.58	0.41	0.67	0.00	0.76	0.00	61
3800	SINGLE DECK SCREEN SB-80 8'X48	5,211	1.20	1.51	0.39	0.64	0.00	0.73	0.00	23
3805	DOUBLE DECK SCREEN DC-80-48 8'X48	6,421	1.49	1.87	0.48	0.79	0.00	0.90	0.00	35
3810	TRIPLE DECK SCREEN TC-80-48 8'X48	8,136	1.89	2.36	0.61	1.01	0.00	1.14	0.00	43

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-BELT (CONT'D) **********									
	KOLMAN (CONT'D)									
3815	XHD CONVEYOR JACKLEG	823	0.19	0.24	0.06	0.10	0.00	0.12	0.00	9
3820	101XHD 36"X50' 910 T/HR 56 HP D	32,359	11.40	14.87	2.36	3.78	2.34	4.28	3.08	160
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
3830	PLATE FEEDER DOZER TRAP MODEL 45	6,225	1.43	1.81	0.46	0.76	0.00	0.87	0.00	45
3835	BELT FEEDER DOZER TRAP MODEL 65	7,528	1.75	2.19	0.56	0.93	0.00	1.06	0.00	42
3840	WING WALLS STATIONARY	1,041	0.24	0.30	0.08	0.13	0.00	0.14	0.00	9
3845	TUNNEL EXTENSION W/WING WALLS	5,440	1.26	1.58	0.41	0.67	0.00	0.76	0.00	61
3850	SINGLE DECK SCREEN SB-90 9'X54	5,888	1.36	1.72	0.44	0.72	0.00	0.83	0.00	28
3855	DOUBLE DECK SCREEN DC-90-54 9'X54	7,675	1.78	2.24	0.58	0.95	0.00	1.08	0.00	43
3860	TRIPLE DECK SCREEN TC-90-54 9'X54	10,238	2.37	2.98	0.77	1.26	0.00	1.44	0.00	54
3865	XHD CONVEYOR JACKLEG	823	0.19	0.24	0.06	0.10	0.00	0.12	0.00	9
3870	101XHD 42"X50' 1260 T/HR 84 HP D	39,548	14.91	19.55	2.88	4.59	3.51	5.20	4.62	180
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
3880	PLATE FEEDER DOZER TRAP MODEL 45	6,632	1.54	1.93	0.50	0.82	0.00	0.93	0.00	48
3885	BELT FEEDER DOZER TRAP MODEL 65	8,653	2.01	2.51	0.65	1.07	0.00	1.21	0.00	45
3890	WING WALLS STATIONARY	1,041	0.24	0.30	0.08	0.13	0.00	0.14	0.00	9
3895	TUNNEL EXTENSION W/WING WALLS	5,440	1.26	1.58	0.41	0.67	0.00	0.76	0.00	61
3900	SINGLE DECK SCREEN SB-100 60"X10'	7,347	1.70	2.14	0.55	0.90	0.00	1.03	0.00	37
3905	DOUBLE DECK SCREEN DC-100 60"X10'	9,477	2.19	2.76	0.70	1.16	0.00	1.33	0.00	55
3910	TRIPLE DECK SCREEN TC-100 60"X10'	12,782	2.97	3.71	0.96	1.58	0.00	1.79	0.00	68
3915	XHD CONVEYOR JACKLEG	823	0.19	0.24	0.06	0.10	0.00	0.12	0.00	9
3920	101XHD 48"X50' 1700 T/HR 125 HP D	69,306	24.18	31.38	5.09	8.19	5.22	9.29	6.87	265
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
3930	PLATE FEEDER DOZER TRAP MODEL 45	9,623	2.22	2.80	0.72	1.18	0.00	1.35	0.00	51
3935	WING WALLS STATIONARY	1,041	0.24	0.30	0.08	0.13	0.00	0.14	0.00	9
3940	TUNNEL EXTENSION W/WING WALLS	6,073	1.40	1.76	0.45	0.74	0.00	0.85	0.00	66
3945	SINGLE DECK SCREEN SB-120 60"X12'	8,338	1.93	2.42	0.63	1.03	0.00	1.16	0.00	53

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-BELT (CONT'D)									
	KOLMAN (CONT'D)									
3950	DOUBLE DECK SCREEN DC-120 60"X12'	11,521	2.66	3.34	0.86	1.41	0.00	1.61	0.00	77
3955	TRIPLE DECK SCREEN TC-120 60"X12'	15,084	3.48	4.39	1.12	1.85	0.00	2.12	0.00	80
3960	XHD CONVEYOR JACKLEG	823	0.19	0.24	0.06	0.10	0.00	0.12	0.00	9
3965	303 48"X50' 2000 CY/HR 125 HP D	122,750	38.78	50.70	8.96	14.33	5.22	16.24	6.87	627
3970	303 48"X60' 2000 CY/HR 185 HP D	136,534	45.55	59.57	9.98	15.97	7.73	18.09	10.17	662
3975	303 60"X50' 3600 CY/HR 185 HP D	141,076	48.26	63.73	10.25	16.26	7.73	18.39	10.17	682
3980	303 60"X60' 3600 CY/HR 290 HP D	162,501	59.91	79.26	11.80	18.72	12.12	21.19	15.95	737
3990	404 48"X50' 2000 CY/HR 185 HP D	151,572	48.66	63.30	11.11	17.87	7.73	20.27	10.17	616
3995	404 48"X60' 2000 CY/HR 185 HP D	160,171	51.02	66.44	11.74	18.88	7.73	21.40	10.17	650
4000	404 60"X50' 3600 CY/HR 290 HP D	181,976	63.33	83.03	13.30	21.29	12.12	24.13	15.95	671
4005	404 60"X60' 3600 CY/HR 290 HP D	201,110	68.85	90.47	14.68	23.47	12.12	26.59	15.95	724
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4015	SINGLE DECK SCREEN SB-120 72"X12'	9,224	2.14	2.68	0.69	1.14	0.00	1.29	0.00	58
4020	DOUBLE DECK SCREEN DC-120 72"X12'	12,250	2.84	3.56	0.92	1.51	0.00	1.72	0.00	85
4025	TRIPLE DECK SCREEN TC-120 72"X12'	16,564	3.84	4.81	1.24	2.04	0.00	2.32	0.00	90
4030	SINGLE DECK VIBRATING GRIZZLE 72"W	18,989	4.40	5.52	1.42	2.34	0.00	2.66	0.00	80
	LOADERS - F.E. TRACK TYPE									
	CASE									
4040	350 B 3/4 CY 39 HP D	31,512	10.65	13.54	2.33	3.99	1.76	4.57	2.32	125
4045	450 B 1 CY 53 HP D	42,884	14.48	18.43	3.17	5.43	2.39	6.23	3.15	160
4050	850B 1-1/2 CY 72 HP D	57,003	19.35	24.62	4.22	7.22	3.25	8.28	4.28	220
4055	1150 C 2 CY 105 HP D	74,163	25.88	32.95	5.49	9.39	4.74	10.77	6.24	290

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. TRACK TYPE (CONT'D)												
		CATERPILLAR											
4065	931B	1 CY	65 HP	D	39,265	14.28	18.21	2.91	4.97	2.93	5.70	3.86	169
4070	941B	1-1/2 CY	80 HP	D	58,194	20.16	25.66	4.31	7.37	3.61	8.45	4.75	251
4075	951C	1-3/4 CY	95 HP	D	68,448	23.76	30.24	5.07	8.67	4.28	9.94	5.64	273
4080	955L	2-1/4 CY	130 HP	D	92,422	32.19	40.98	6.84	11.70	5.86	13.42	7.72	348
4085	977L	3-1/4 CY	190 HP	D	137,538	47.69	60.70	10.18	17.41	8.57	19.96	11.29	512
4090	983B	5 CY	275 HP	D	212,343	72.49	92.22	15.72	26.89	12.40	30.83	16.33	803
		FIAT-ALLIS											
4100	FL9	1-5/8 CY	87 HP	D	56,207	20.07	25.57	4.17	7.12	3.92	8.16	5.17	272
4105	FL10C	2 CY	122 HP	D	71,843	26.33	33.57	5.32	9.10	5.50	10.43	7.25	310
4110	FL14C	2-5/8 CY	150 HP	D	94,452	33.96	43.29	7.00	11.96	6.76	13.71	8.91	410
4115	FL20	3-1/2 CY	223 HP	D	135,936	49.33	62.88	10.06	17.21	10.06	19.73	13.25	605
		INTERNATIONAL											
4125	100-E	1-1/8 CY	65 HP	D	43,270	15.33	19.53	3.21	5.48	2.93	6.28	3.86	161
4130	125-E	1-3/8 CY	78 HP	D	51,295	18.24	23.22	3.80	6.50	3.52	7.45	4.63	199
4135	175-C	2 CY	134 HP	D	81,275	29.53	37.65	6.02	10.29	6.04	11.80	7.96	317
4140	250-C	2-3/4 CY	190 HP	D	116,613	42.25	53.85	8.64	14.77	8.57	16.93	11.29	452
		JOHN DEERE											
4150	JD350-C	3/4 CY	42 HP	D	34,356	11.57	14.72	2.54	4.35	1.89	4.99	2.49	128
4155	JD450-C	1-1/4 CY	65 HP	D	45,119	15.80	20.13	3.34	5.71	2.93	6.55	3.86	176
		KOMATSU											
4165	D31S-16	1.3 CY	63 HP	D	38,217	13.89	17.70	2.83	4.84	2.84	5.55	3.74	156
4170	D53S-16	1.8 CY	110 HP	D	66,551	24.21	30.85	4.93	8.43	4.96	9.66	6.53	300
4175	D57S-1	2.1 CY	135 HP	D	80,921	29.50	37.63	5.99	10.24	6.09	11.75	8.02	337
4180	D75S-3	3.3 CY	200 HP	D	154,303	52.69	67.02	11.43	19.54	9.02	22.40	11.88	503
4185	D155S-1	5.9 CY	350 HP	D	228,873	81.47	103.79	16.94	28.98	15.78	33.23	20.79	540

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									
	BOBCAT									
4195	MOD 310 5 C.F. SKID-STEER 16 HP G	5,566	3.12	4.05	0.41	0.68	1.40	0.77	1.83	18
4200	MOD 313 5 C.F. SKID-STEER 13 HP D	6,961	2.33	3.00	0.52	0.86	0.54	0.97	0.71	19
4205	MOD 540 6.5 C.F. SKID-STEER 23 HP G	8,228	4.55	5.94	0.60	1.00	2.02	1.14	2.63	31
4210	MOD 543 6.5 C.F. SKID-STEER 19 HP D	9,867	3.34	4.35	0.72	1.20	0.79	1.37	1.04	32
4215	MOD 610 9 C.F. SKID-STEER 30 HP G	10,032	5.71	7.37	0.74	1.24	2.63	1.41	3.43	39
4220	MOD 630 9 C.F. SKID-STEER 30 HP G	9,668	5.62	7.27	0.71	1.19	2.63	1.36	3.43	37
4225	MOD 641 10 C.F. SKID-STEER 28 HP D	11,588	4.21	5.41	0.85	1.43	1.17	1.63	1.54	39
4230	MOD 642 10 C.F. SKID-STEER 32 HP G	10,352	6.02	7.76	0.76	1.28	2.81	1.46	3.66	38
4235	MOD 742 10 C.F. SKID-STEER 34 HP G	12,347	6.67	8.59	0.91	1.52	2.98	1.75	3.89	45
4240	MOD 743 10 C.F. SKID-STEER 36 HP D	13,407	5.07	6.51	1.00	1.67	1.50	1.90	1.98	46
4245	MOD 825 12.5 C.F. SKID-STEER 42 HP D	16,280	6.11	7.91	1.20	2.00	1.76	2.29	2.31	60
4250	MOD 843 13.5 C.F. SKID-STEER 54 HP D	17,501	7.08	9.17	1.29	2.16	2.26	2.47	2.97	63
4255	MOD 974 33.8 C.F. SKID-STEER 78 HP D	30,980	11.73	15.46	2.27	3.75	3.26	4.28	4.29	121
	CASE									
4265	W-14 1-1/2 CY ARTIC 83 HP D	52,822	16.78	21.70	3.89	6.48	3.47	7.40	4.56	148
4270	W-18 2 CY ARTIC 103 HP D	64,912	20.59	26.50	4.78	7.99	4.31	9.12	5.66	199
4275	W-24 C 2-1/2 CY ARTIC 132 HP D	89,911	27.93	35.99	6.61	11.05	5.52	12.62	7.26	236
4280	W-36 3-1/2 CY ARTIC 185 HP D	107,722	35.59	46.64	7.88	13.08	7.73	14.93	10.17	332
	CATERPILLAR									
4290	910 1-1/4 CY ARTIC 65 HP D	43,673	13.88	18.22	3.19	5.29	2.72	6.04	3.57	134
4295	920 1-3/4 CY ARTIC 80 HP D	56,695	17.57	22.82	4.16	6.93	3.34	7.90	4.40	184
4300	930 2-1/4 CY ARTIC 100 HP D	66,193	20.94	27.26	4.86	8.08	4.18	9.22	5.50	206
4305	950 3 CY ARTIC 130 HP D	92,334	28.97	38.14	6.75	11.17	5.43	12.74	7.15	288
4310	966-C 4 CY ARTIC 170 HP D	122,586	38.74	51.46	8.93	14.72	7.11	16.77	9.35	378
4315	980-C 5-1/4 CY ARTIC 260 HP D	179,589	55.41	73.86	12.25	19.82	10.87	21.96	14.30	577
4320	988-B 7 CY ARTIC 375 HP D	267,169	79.94	105.95	18.12	29.03	15.67	32.13	20.62	892

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)												
	CATERPILLAR (CONT'D)												
4325	992-C	12-1/2 CY ARTIC	690 HP	D	544,487	161.12	216.82	36.70	58.31	28.84	64.47	37.95	1899
	CLARK												
4335	35C	1-1/4 CY	82 HP	D	48,723	15.97	20.87	3.57	5.93	3.43	6.76	4.51	171
4340	45C	1-1/2 CY	107 HP	D	55,942	18.98	24.70	4.10	6.83	4.47	7.80	5.88	187
4345	55C	2 CY ARTIC	121 HP	D	63,073	21.50	28.05	4.62	7.69	5.06	8.77	6.65	247
4350	75-B	2-1/2 CY ARTIC	142 HP	D	88,684	29.12	38.65	6.46	10.65	5.94	12.14	7.81	296
4355	125B	3-1/2 CY ARTIC	212 HP	D	126,636	42.55	56.99	9.20	15.09	8.86	17.19	11.66	419
4360	175-B	4-1/2 CY ARTIC	273 HP	D	159,331	52.01	69.94	10.84	17.46	11.41	19.34	15.01	527
4365	275-B	6-1/2 CY ARTIC	360 HP	D	218,544	68.04	89.81	14.84	23.84	15.05	26.39	19.80	739
4370	475-B	12 CY ARTIC	632 HP	D	459,624	137.87	184.24	31.07	49.55	26.42	54.81	34.76	1544
	FIAT-ALLIS												
4380	345-B	1-3/4 CY ARTIC	80 HP	D	45,424	15.28	20.23	3.31	5.47	3.34	6.24	4.40	175
4385	FR-10	2 CY ARTIC	102 HP	D	59,574	19.63	25.66	4.36	7.25	4.26	8.27	5.61	221
4390	FR-12	2-1/2 CY ARTIC	108 HP	D	65,623	21.29	27.73	4.82	8.01	4.51	9.13	5.94	245
4395	FR-15	3 CY ARTIC	151 HP	D	88,308	29.56	39.24	6.43	10.61	6.31	12.09	8.30	301
4400	FR-20	4 CY ARTIC	202 HP	D	129,802	41.59	54.36	9.51	15.79	8.44	18.02	11.11	425
4405	945-B	6 CY ARTIC	335 HP	D	201,924	63.31	84.05	13.68	21.90	14.00	24.24	18.42	700
	INTERNATIONAL												
4415	510B	1-3/8 CY	80 HP	D	40,807	14.29	19.01	2.97	4.89	3.34	5.57	4.40	157
4420	515B	1-7/8 CY	100 HP	D	49,702	17.57	23.35	3.62	5.96	4.18	6.79	5.50	191
4425	520B	2-1/2 CY ARTIC	120 HP	D	56,783	20.13	26.42	4.15	6.88	5.02	7.85	6.60	232
4430	530	3-1/2 CY ARTIC	155 HP	D	82,658	26.93	35.29	5.67	9.23	6.48	10.24	8.52	279
4435	540	4-1/4 CY ARTIC	189 HP	D	110,769	35.54	47.14	7.57	12.26	7.90	13.60	10.39	360
4440	550	5-1/4 CY ARTIC	280 HP	D	161,308	52.79	70.93	10.98	17.69	11.70	19.60	15.40	544
4445	560B	7-1/2 CY ARTIC	415 HP	D	235,030	75.05	98.22	16.13	26.28	17.35	29.16	22.82	873

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)									
	INTERNATIONAL (CONT'D)									
4450	570 12 CY ARTIC 590 HP D	427,322	128.55	172.14	28.86	45.97	24.66	50.85	32.45	1327
	TEREX (GM)									
4460	72-31B 3 CY ARTIC 160 HP D	84,672	29.09	38.43	6.18	10.21	6.69	11.64	8.80	309
4465	72-51B 4 CY ARTIC 231 HP D	129,013	41.26	53.88	8.85	14.44	9.66	16.03	12.70	465
4470	72-61 5-1/2 CY ARTIC 307 HP D	170,346	56.08	75.01	11.61	18.74	12.83	20.76	16.88	605
4475	72-71B 7-1/2 CY ARTIC 388 HP D	241,541	74.23	97.31	16.45	26.52	16.22	29.37	21.34	857
4480	72-81 9 CY ARTIC 434 HP D	349,515	100.53	131.87	23.79	38.35	18.14	42.48	23.87	1166
	TROJAN									
4490	1500 1-3/4 CY ARTIC 85 HP D	51,610	16.76	21.86	3.79	6.29	3.55	7.18	4.67	180
4495	1900 2-1/4 CY ARTIC 117 HP G	59,724	27.25	35.51	4.38	7.27	10.27	8.29	13.38	212
4500	2000 3 CY ARTIC 165 HP D	83,793	29.19	38.58	6.11	10.10	6.90	11.52	9.07	306
4505	2500 4 CY ARTIC 182 HP D	106,920	36.05	48.24	7.76	12.75	7.61	14.52	10.01	393
4510	3000 4-1/4 CY ARTIC 230 HP D	116,362	38.65	50.78	7.98	12.98	9.61	14.39	12.65	436
4515	5500 5-1/2 CY ARTIC 288 HP D	162,587	53.49	71.80	11.07	17.84	12.04	19.76	15.84	636
4520	7500 7 CY ARTIC 400 HP D	225,415	71.60	94.32	15.32	24.63	16.72	27.29	22.00	846
	LOADER-BACKHOE IND. TYPE TRACTOR									
	CASE									
4530	580C LDR/BHOE 7/8 CY FE BUCKET 24" B/H DIPPER 55 HP D	34,724	11.05	14.05	2.56	4.29	2.30	4.91	3.02	115
4535	680G LDR/BHOE 1-1/4 CY FE BUCKET 30" B/H DIPPER 80 HP D	53,174	16.72	21.25	3.93	6.58	3.34	7.52	4.40	165
	JOHN DEERE									
4545	410 LDR/BHOE 1 CY FE BUCKET 24" B/H DIPPER 62 HP D	35,450	11.73	15.11	2.60	4.34	2.59	4.97	3.41	137
4550	510 LDR/BHOE 1-1/2 CY FE BUCKET 30" B/H DIPPER 80 HP D	54,477	17.18	22.02	4.00	6.68	3.34	7.63	4.40	205

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
	LOADER-BACKHOE CRLR TYPE TRACTOR									
	CASE									
4560	350 LDR/BHOE 3/4 CY FE BUCKET 24" B/H DIPPER 39 HP D	42,983	13.64	17.30	3.18	5.44	1.76	6.24	2.32	141
4565	450 LDR/BHOE 1 CY FE BUCKET 24" B/H DIP 53 HP D	54,305	17.47	22.17	4.02	6.88	2.39	7.88	3.15	167
	CATERPILLAR									
4575	931BLDR/BHOE 1 CY FE BUCKET 30" B/H DIPPER 65 HP D	50,536	17.22	21.92	3.75	6.40	2.93	7.34	3.86	207
	LOADER-BACKHOE ATTACHMENT'S									
	HYDRAULICLY OPERATED IMPACTOR MOUNTED ON BACKHOE BOOM TO FIT CASE AND JOHN DEERE BACKHOES (ADD TO BASIC LOADER-BACKHOE)									
4585	IMPACTOR WITH TAMPER TOOL	10,903	4.09		0.97	2.01	0.00			12
4590	IMPACTOR WITH CHISEL TOOL	10,284	3.87		0.92	1.90	0.00			11
	PILE EXTRACTORS									
	MKT CORPORATION									
4600	E2 700 FT-LBS 400CFM A	11,624	4.45		1.04	2.15	0.00			27
4605	E4 1000 FT-LBS 550CFM A	17,508	6.66		1.56	3.23	0.00			47
	VULCAN									
4615	400A 500 FT-LBS 450CFM A	13,720	5.24		1.23	2.54	0.00			30
4620	800A 1000 FT-LBS 900CFM A	18,540	7.17		1.65	3.42	0.00			57
4625	1200A 1640 FT-LBS 1350CFM A	21,747	8.58		1.94	4.02	0.00			97

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
	PILE HAMMERS-DIESEL (FUEL NOT INCLUDED)									
	MKT CORPORATION									
4635	DE-30B/20B (6-FT) 12,000 FT-LBS	30,091	11.04		2.68	5.55	0.00			74
4640	DE-30B/20B (6-FT) 16,800 FT-LBS	31,224	11.46		2.79	5.77	0.00			82
4645	DE-70B/50B (6-FT) 30,000 FT-LBS	53,822	19.71		4.80	9.94	0.00			138
4650	DE-70B/50B (6-FT) 42,000 FT-LBS	57,181	20.94		5.10	10.56	0.00			158
	PILE HAMMERS-SINGLE ACTING									
	VULCAN									
4660	1 15000 FT-LBS 750CFM A	29,913	11.26		2.66	5.52	0.00			101
4665	06 19500 FT-LBS 900CFM A	34,252	12.91		3.05	6.32	0.00			121
4670	08 26000 FT-LBS 1100CFM A	39,386	14.87		3.51	7.27	0.00			175
4675	010 32500 FT-LBS 1350CFM A	43,147	16.34		3.84	7.96	0.00			195
4680	012 39000 FT-LBS 1500CFM A	48,245	18.14		4.31	8.91	0.00			287
4685	014 42000 FT-LBS 1750CFM A	57,679	21.83		5.15	10.65	0.00			283
4690	016 48750 FT-LBS 1750CFM A	68,568	25.81		6.11	12.66	0.00			320
4695	020 60000 FT-LBS 2150CFM A	80,881	30.47		7.22	14.94	0.00			425
4700	030 90000 FT-LBS 2350CFM A	135,116	50.36		12.04	24.94	0.00			575
	PILE HAMMERS-DOUBLE ACTING									
	MKT CORPORATION									
4710	9-B-3 8750 FT-LBS 900CFM A	21,994	8.43		1.96	4.06	0.00			74
4715	10-B-3 13100 FT-LBS 1200CFM A	26,064	10.04		2.32	4.81	0.00			114
4720	11-B-3 19150 FT-LBS 1200CFM A	35,468	13.48		3.16	6.55	0.00			141
4725	5 (SELF STOP) 1000 FT-LBS 375CFM A	9,140	3.53		0.81	1.68	0.00			17
4730	6 (SELF STOP) 2500 FT-LBS 600CFM A	11,464	4.46		1.03	2.12	0.00			31
4735	7 (SELF STOP) 4150 FT-LBS 750CFM A	14,752	5.73		1.32	2.73	0.00			50

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
	PILE HAMMERS-DOUBLE ACTING (CONT'D)									
	VULCAN									
4745	50C 15100 FT-LBS 1250CFM A	38,029	14.43		3.39	7.02	0.00			153
4750	65C 19200 FT-LBS 1450CFM A	43,578	16.55		3.89	8.05	0.00			153
4755	80C 24450 FT-LBS 1750CFM A	46,765	17.84		4.17	8.63	0.00			184
4760	100C 32900 FT-LBS 2050CFM A	56,301	21.45		5.02	10.40	0.00			232
4765	140C 36000 FT-LBS 2150CFM A	70,806	26.78		6.31	13.07	0.00			287
4770	200C 50200 FT-LBS 2550CFM A	102,406	38.50		9.13	18.91	0.00			398
	PILE HAMMERS-VIBRATORY									
	MKT CORPORATION									
4780	V5 WITH POWER PACK 59 HP D	53,228	22.61		4.75	9.83	2.47			110
4785	V16 WITH POWER PACK 156 HP D	104,003	46.34		9.27	19.20	6.52			215
4790	V20 WITH POWER PACK 295 HP D	141,725	67.54		12.63	26.16	12.33			257
	PIPELAYER									
	CATERPILLAR									
4800	561D 15 FT BOOM, 40,000 LB CAP 105 HP D	91,608	17.34	20.67	6.44	10.49	2.43	11.64	3.12	309
4805	571G 18 FT BOOM, 60,000 LB CAP 200 HP D	153,746	29.83	35.61	10.82	17.62	4.62	19.53	5.94	500
4810	572G 18 FT BOOM, 90,000 LB CAP 200 HP D	175,893	33.25	39.62	12.38	20.16	4.62	22.35	5.94	605
4815	583K 20 FT BOOM, 140,000 LB CAP 300 HP D	224,457	43.79	52.32	15.79	25.72	6.93	28.52	8.91	900
4820	594H 24 FT BOOM, 200,000 LB CAP 410 HP D	323,536	62.42	74.54	22.75	37.07	9.47	41.11	12.18	1230
	PUMPS-GROUT									
	G.M. PHILPOTT GROUT UNITS WITH GARDNER-DENVER PUMPS									
4830	SSF2-10 W/ (2 EA) FG-AG 600CFM A 6" X 3" X 6" PUMPS UNIT INCLUDES (2)-10 C.F. TANKS, AUTO. WATER METER, FITTINGS, HOSES & SKD MOUNTING CAPACITY: 21 GPM @ 252 PSI TO 60 GPM @ 90 PSI	22,806	6.70		1.81	3.44	0.00			64

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 (CONT'D)									
	G.M. PHILPOTT GROUT UNITS WITH GARDNER-DENVER PUMPS									
4835	SSF2-20 W/ (2 EA) FD-FS 900CFM A 10" X 3" X 10" PUMPS UNIT INCLUDES (2)-20 C.F. TANKS, AUTO. WATER METER, FITTINGS, HOSES & SKID MOUNTING CAPACITY: 32 GPM AT 700 PSI TO 98 GPM @ 252 PSI	35,688	10.46		2.83	5.39	0.00			107
	PUMPS-WATER-FOR CORE DRILLS									
	LONGYEAR									
4845	520 RQG 5.7-20 GPM UP TO 600PSI 10 HP G	5,499	2.85		0.41	0.72	1.21			7
4850	535 RQG 9.9-35 GPM UP TO 800PSI 15 HP G	6,947	3.98		0.51	0.91	1.82			10
	PUMPS-WATER-CENTRIF.-DEWATERING									
	HOMELITE, SKID MOUNTED									
4860	MOD 110S 1-1/2"-5000 GPH @ 30' H 2 HP G	365	0.41		0.03	0.05	0.24			1
4865	MOD 111S 2" - 9000 GPH @ 22' H 3 HP G	463	0.59		0.04	0.07	0.36			1
4870	MOD 120S 3" - 18000 GPH @ 20' H 8 HP G	837	1.47		0.07	0.11	0.97			2
	MARLOW, WHEEL MOUNTED									
4880	MOD 4D2 465 GPM @ 20 ' HEAD 43 HP G	7,273	8.53		0.54	0.96	5.20			14
4885	MOD 4C7 595 GPM @ 20 ' HEAD 30 HP D	4,180	3.36		0.31	0.55	1.75			10
4890	MOD 6E4A 1100 GPM @ 20 ' HEAD 79 HP G	9,646	14.81		0.71	1.26	9.56			15
4895	MOD 6E4A 1100 GPM @ 20 ' HEAD 60 HP D	13,885	7.98		1.02	1.81	3.50			24
4900	MOD 8FA3 2320 GPM @ 20 ' HEAD 70 HP D	17,875	9.69		1.31	2.34	4.08			23
4905	MOD 10FA61 2775 GPM @ 20 ' HEAD 68 HP D	18,974	9.78		1.39	2.48	3.96			30

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
	PUMPS-WATER-CENTRIF.-TRASH									
	HOMELITE, SKID MOUNTED									
4915	MOD 121TP 2" - 11500 GPH @ 20' H 5 HP G	735	0.97		0.06	0.10	0.61			1
4920	MOD 120 3" - 23000 GPH @ 20' H 8 HP G	1,021	1.52		0.08	0.14	0.97			2
4925	MOD 160TP 4" - 36500 GPH @ 20' H 16 HP G	2,048	3.03		0.15	0.27	1.94			4
	PUMPS-WATER-DIAPHRAGM									
	HOMELITE, SKID MOUNTED									
4935	MOD 111DP 2" - 1900 GPH @ 10' HD 3 HP G	881	0.68		0.07	0.12	0.36			1
4940	MOD 111DP 3" - 4800 GPH @ 10' HD 3 HP G	1,021	0.72		0.08	0.14	0.36			2
	PUMPS-WATER-SUBMERSIBLE									
	HOMELITE									
4950	MOD SP200 2" - 13000 GPH @ 10' HD 2 HP E	1,121	0.40		0.08	0.15	0.14			1
4955	MOD SP300 3" - 19000 GPH @ 15' HD 4 HP E	1,384	0.68		0.11	0.19	0.29			1
	RIPPER & HYDR. BANK SLOPER (DOES NOT INCLUDE COST OF POINT WEAR)									
	ATECO									
4965	VRAR-1 D9H RADIAL LIFT	34,215	9.31	12.51	2.71	5.17	0.00	6.33	0.00	136
4970	D-9H SHANKS EA	2,680	0.73	0.97	0.22	0.41	0.00	0.49	0.00	15
4975	LPAS-D8K PARALLEL LIFT	19,853	5.43	7.29	1.58	3.00	0.00	3.68	0.00	87
4980	D-8K SHANKS EA	3,670	0.99	1.34	0.29	0.55	0.00	0.68	0.00	19
4985	LPAS-D7G PARALLEL LIFT	16,511	4.52	6.07	1.31	2.49	0.00	3.06	0.00	45
4990	D-7G SHANKS EA	2,581	0.70	0.94	0.20	0.39	0.00	0.48	0.00	10
4995	PS D6D RADIAL LIFT	7,531	2.10	2.80	0.60	1.14	0.00	1.39	0.00	24
5000	D-6C SHANKS EA	262	0.07	0.09	0.02	0.04	0.00	0.04	0.00	1
5005	V-LPRF-TD25C PARALLEL LIFT STD SVC	17,072	4.68	6.27	1.36	2.59	0.00	3.16	0.00	89
5010	TD-25C SHANKS EA	1,541	0.42	0.57	0.13	0.24	0.00	0.29	0.00	8

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
	RIPPER & HYDR. BANK SLOPER (CONT'D) ********** (DOES NOT INCLUDE COST OF POINT WEAR)									
	ATECO (CONT'D)									
5015	V-LPRF-TD20E PARALLEL LIFT STD SVC	12,489	3.44	4.60	0.99	1.89	0.00	2.31	0.00	51
5020	TD-20E SHANKS EA	1,124	0.30	0.40	0.09	0.17	0.00	0.20	0.00	4
5025	PS-TD15C RADIAL LIFT	7,027	1.96	2.62	0.56	1.06	0.00	1.30	0.00	22
5030	TD-15C SHANKS EA	243	0.06	0.08	0.02	0.03	0.00	0.04	0.00	1
5035	V-LPRF 82-50 PARALLEL LIFT STD SVC	19,269	5.28	7.06	1.53	2.92	0.00	3.56	0.00	96
5040	82-50 SHANKS EA	1,541	0.42	0.57	0.13	0.24	0.00	0.29	0.00	8
5045	LPRS-82-50 PARALLEL LIFT EXT SVC	18,729	5.12	6.87	1.49	2.83	0.00	3.46	0.00	88
5050	82-50 SHANKS EA	3,576	0.97	1.30	0.29	0.54	0.00	0.66	0.00	19
5055	V-LPRF-82-30 PARALLEL LIFT	17,072	4.68	6.27	1.36	2.59	0.00	3.16	0.00	89
5060	82-30 SHANKS EA	1,541	0.42	0.57	0.13	0.24	0.00	0.29	0.00	8
5065	D9,D8;82-30,82-50;TD25 HYDR BANK SLOP	7,318	1.72	2.15	0.54	0.96	0.00	1.11	0.00	28
	CATERPILLAR									
5075	D-10 MULTI-SHANK BEAM	40,140	10.91	14.66	3.18	6.07	0.00	7.43	0.00	150
5080	D-10 SHANKS EA	2,952	0.79	1.08	0.23	0.44	0.00	0.55	0.00	15
5085	D-10 SINGLE-SHANK BEAM	42,894	11.60	15.61	3.41	6.49	0.00	7.94	0.00	165
5090	D-9 MULTI-SHANK BEAM W/HYD-CONTROL	31,541	8.59	11.54	2.51	4.77	0.00	5.84	0.00	132
5095	D-9 SHANKS EA	1,559	0.43	0.57	0.13	0.24	0.00	0.29	0.00	8
5100	D-9 SINGLE-SHANK BEAM HYD-CNTL&SHANK	29,346	8.00	10.74	2.33	4.44	0.00	5.43	0.00	124
5105	D-8 MULTI-SHANK BEAM HYD-CONTROL	22,282	6.08	8.17	1.76	3.36	0.00	4.13	0.00	103
5110	D-8 SHANKS EA	1,490	0.40	0.55	0.12	0.22	0.00	0.28	0.00	7
5115	D-8 SINGLE-SHANK BEAM HYD-CNTL&SHANK	21,632	5.91	7.93	1.72	3.27	0.00	4.00	0.00	100
5120	D-7 MULTI-SHANK BEAM HYD-CONTROL	12,947	3.56	4.76	1.03	1.96	0.00	2.39	0.00	57
5125	D-7 SHANKS EA	777	0.20	0.28	0.06	0.11	0.00	0.14	0.00	4
5130	D-6 MULTI-SHANK BEAM HYD-CONTROL	8,115	2.26	3.01	0.65	1.23	0.00	1.50	0.00	34
5135	D-6 SHANKS EA	400	0.11	0.14	0.03	0.06	0.00	0.07	0.00	2
5140	D-4 MULTI-SHANK BEAM HYD-CONTROL	4,999	1.42	1.88	0.40	0.76	0.00	0.93	0.00	20

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
	RIPPER & HYDR. BANK SLOPER (CONT'D) ********** (DOES NOT INCLUDE COST OF POINT WEAR)									
	CATERPILLAR (CONT'D)									
5145	D-4 SHANKS EA	211	0.06	0.08	0.02	0.03	0.00	0.04	0.00	1
5150	D-3 FIVE-SHANK BEAM HYD-CONTROL	2,223	0.65	0.87	0.17	0.33	0.00	0.41	0.00	7
5155	D-3 SHANKS EA	118	0.03	0.05	0.01	0.02	0.00	0.03	0.00	1
	FIAT-ALLIS									
5165	41-R W/HYD-CNTL AND 2 SHANKS	45,590	12.37	16.63	3.61	6.89	0.00	8.43	0.00	195
5170	31-R W/HYD-CNTL AND 2 SHANKS	36,989	10.05	13.50	2.94	5.59	0.00	6.84	0.00	189
5175	30-R W/HYD-CNTL AND 2 SHANKS	24,007	6.54	8.78	1.91	3.63	0.00	4.44	0.00	108
5180	RP20B W/HYD-CNTL AND 2 SHANKS	22,691	6.18	8.31	1.80	3.43	0.00	4.20	0.00	89
	ROLLERS-RUBBER-TIRED-SELF PROPELLED **********									
	INGRAM									
5190	9-2800-P 12 TON 107 HP G	24,233	17.55		1.76	3.09	9.39			77
5195	9-2800-PA 12 TON 76 HP D	29,826	11.18		2.17	3.81	3.18			89
5200	11-2700 15 TON 107 HP G	28,898	18.68		2.10	3.67	9.39			89
5205	11-2700 15 TON 76 HP D	31,785	11.68		2.31	4.05	3.18			91
5210	13-2300 15 TON 107 HP G	29,477	18.85		2.14	3.74	9.39			94
5215	13-2300 15 TON 76 HP D	33,189	12.03		2.41	4.22	3.18			96
5220	9-6000 27 TON 117 HP D	70,843	23.37		5.14	8.98	4.89			208
	ROLLER-RUBBER TIRED-TOWED **********									
	FERGUSON-TOWED									
5235	RT-100S 50 TON	52,806	12.06		3.56	5.59	0.00			200
5240	RT-120S 60 TON	61,600	14.16		4.19	6.72	0.00			233

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-RUBBER TIRED-TOWED (CONT'D)									
	SOUTHWEST-TOWED									
5250	C 75 75 TON	62,359	14.08		4.11	6.25	0.00			347
5255	C 50 50 TON	56,574	12.99		3.83	6.07	0.00			309
	ROLLER-SHEEPS FOOT-DOUBLE DRUM									
	FERGUSON-TOWED									
5265	MOD 112 40"X48"	11,149	2.80		0.82	1.46	0.00			65
5270	MOD 112W-48 48"X48"	13,596	3.37		1.00	1.77	0.00			105
5275	MOD 120 60"X60"	21,868	5.36		1.61	2.85	0.00			157
5280	MOD 120 MODIFIED 60"X60"	33,464	8.16		2.46	4.37	0.00			230
5285	MOD 120-RE 60"X60"	55,036	13.35		4.05	7.19	0.00			327
5290	MOD 22 60"X72"	30,040	7.33		2.21	3.92	0.00			215
5295	MOD 22 MODIFIED 60"X72"	38,937	9.47		2.86	5.08	0.00			269
5300	MOD 144-RE 60"X72"	64,773	15.69		4.76	8.46	0.00			385
	CATERPILLER-SELF PROPELLED									
5310	815 40.5"X38" 170 HP D	105,948	34.29		7.79	13.83	7.11			363
5315	825C 51"X41.5" 310 HP D	187,764	61.20		13.79	24.50	12.96			633
5320	825C W/S BLADE 310 HP D	197,679	63.59		14.52	25.80	12.96			683
	HYSTER-SELF PROPELLED									
5330	C455-B TANDEM 80"X80" ARTIC 330 HP D	211,964	68.05		15.57	27.66	13.79			573
	ROLLER-SMOOTH WHEEL-SELF PROPELLED									
	INGRAM									
5340	8 TON CB 3 WHEEL 3" OVERLAP 107 HP G	35,822	20.25		2.63	4.67	9.39			124
5345	8 TON CB 3 WHEEL 3" OVERLAP 76 HP D	39,535	13.44		2.90	5.16	3.18			126
5350	12 TON EB 3 WHEEL 3" OVERLAP 107 HP G	43,553	22.11		3.20	5.68	9.39			203
5355	12 TON EB 3 WHEEL 3" OVERLAP 86 HP D	47,265	15.80		3.47	6.16	3.59			205

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-SMOOTH WHEEL-S/P (CONT'D)									
	INGRAM (CONT'D)									
5360	14 TON EB 3 WHEEL 3" OVERLAP 107 HP G	46,173	22.73		3.39	6.02	9.39			241
5365	14 TON EB 3 WHEEL 3" OVERLAP 86 HP D	49,885	16.44		3.67	6.51	3.59			243
5370	4-6 TON FB 2 WHEEL TANDEM 53 HP G	21,987	11.06		1.62	2.87	4.65			82
5375	6-9 TON GB 2 WHEEL TANDEM 107 HP G	29,649	18.77		2.18	3.87	9.39			133
5380	6-9 TON GB 2 WHEEL TANDEM 76 HP D	33,362	11.97		2.46	4.36	3.18			135
5385	8-12 TON HB 2 WHEEL TANDEM 107 HP G	35,895	20.26		2.63	4.68	9.39			171
5390	8-12 TON HB 2 WHEEL TANDEM 76 HP D	39,608	13.46		2.91	5.17	3.18			173
5395	10-14 TON HB 2 WHEEL TANDEM 107 HP G	38,903	20.99		2.86	5.08	9.39			258
5400	10-14 TON HB 2 WHEEL TANDEM 76 HP D	42,626	14.18		3.13	5.56	3.18			262
	ROLLER-VIBRATORY-SINGLE DRUM									
	TF=ROLLER W/TAMPING FEET									
	FERGUSON-TOWED									
5410	230 66"X78" 20 TON 77 HP D	58,568	25.69		4.65	8.50	4.49			234
5415	230T TF 55"X78" 21 TON 77 HP D	63,836	27.50		5.07	9.26	4.49			266
5420	65 TF 60"X72" 11 TON 49 HP D	39,151	17.00		3.11	5.68	2.86			105
	HYSTER-TOWED									
5430	C200B 48"X60" 12.5 TON 36 HP D	25,953	11.51		2.06	3.76	2.10			80
5435	C210A TF 58"X60" 14 TON 39 HP D	30,930	13.45		2.46	4.49	2.27			100
	SOUTHWEST-TOWED									
5445	756 TF 66"X78" 20 TON 75 HP D	66,163	28.16		5.26	9.61	4.37			240
	FERGUSON-SELF PROPELLED									
5455	SP 75D 60"X84" 22.5 TON 120 HP D	69,048	32.42		5.45	9.87	7.00			179
5460	SP 75DT TF 60"X84" 22.5 TON 120 HP D	79,288	35.94		6.26	11.36	7.00			217
5465	SP 230D 66"X78" 148 HP D	78,359	37.64		6.19	11.23	8.63			302

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-VIBRATORY-SINGLE DRUM (CONT'									
	TP=ROLLER W/TAMPING FEET									
	DYNAPAC-SELF PROPELLED									
5475	CA-25 60"X84" 18 TON 125 HP D	56,413	28.45		4.45	8.05	7.29			193
5480	CA-25S 61"X84" 22 TON 125 HP D	59,697	29.57		4.71	8.52	7.29			216
5485	CA-25PD 68"X84" 22 TON 125 HP D	68,293	32.53		5.39	9.77	7.29			240
5490	CA-30 61"X84" 22 TON 125 HP D	62,783	30.62		4.95	8.96	7.29			235
	I-RAND-SELF PROPELLED									
5500	SP-60 60"X100" 210 HP D	111,705	53.60		8.81	15.94	12.24			450
5505	SPF-56 TF 56"X84" 115 HP D	70,343	32.50		5.56	10.07	6.70			222
	RAYGO-SELF PROPELLED									
5515	RASCAL 410A 59"X84" ARTIC 88 HP D	84,507	35.41		6.68	12.12	5.13			358
5520	RASCAL 600A 60"X100" 119 HP D	73,680	33.96		5.78	10.38	6.94			358
	SCRAPERS-SELF PROPELLED									
	(CAPACITY AS RECOMMENDED BY MFGR HP & FUEL LISTED TRACTOR/SCRAPER PP = PUSH PULL ATTACHMENT)									
	CATERPILLAR									
5530	613-B 13 T 11 CY P.S. 150 HP D	103,015	35.62	45.24	7.39	12.74	6.43	14.65	8.41	311
5535	621-B 24 T 14-20 CY P.S. 330 HP D	202,676	65.14	84.04	14.48	24.87	12.70	28.57	16.70	640
5540	623-B 25 T 22 CY P.S. 330 HP D	225,794	73.51	93.13	16.24	28.11	14.16	32.31	18.51	702
5545	627-B 24 T 14-20 CY P.S. 225/225 HP D/D	237,483	85.06	108.06	17.04	29.42	18.31	33.82	23.76	718
5550	627-B PP 24 T 14-20 CY P.S. 225/225 HP D/D	252,423	88.28	112.00	18.14	31.38	18.31	36.07	23.76	758
5555	631-D 37.5T 21-31 CY P.S. 450 HP D	313,611	97.51	125.56	22.43	38.58	17.32	44.32	22.77	920
5560	633-D 37.5T 34 CY P.S. 450 HP D	357,844	113.33	143.64	25.69	44.37	19.30	51.00	25.24	1024
5565	637-D 37.5T 21-31 CY P.S. 450/255 HP D/D	386,012	135.38	171.74	27.76	48.05	28.69	55.24	37.22	1040
5570	637-D PP 37.5T 21-31 CY P.S. 450/255 HP D/D	402,909	139.02	176.21	29.00	50.26	28.69	57.79	37.22	1073
5575	641-B 47 T 28-38 CY P.S. 550 HP D	387,607	120.16	154.68	27.74	47.72	21.17	54.81	27.83	1162
5580	651-B 52 T 32-44 CY P.S. 550 HP D	403,800	123.64	158.95	28.93	49.83	21.17	57.25	27.83	1186

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
	SCRAPERS-SELF PROPELLED (CONT'D) ********** (CAPACITY AS RECOMMENDED BY MFGR HP & FUEL LISTED TRACTOR/SCRAPER PP = PUSH PULL ATTACHMENT)									
	CATERPILLAR (CONT'D)									
5585	657-B 52 T 32-44 CY P.S. 550/400 HP D/D	498,443	177.90	225.91	35.80	61.88	38.66	71.14	50.16	1415
	CLARK									
5595	110-9 11 T 9.5CY P.S. 160 HP D	93,605	33.57	42.65	6.72	11.62	6.86	13.35	8.98	286
5600	110-11B 13 T 11 CY P.S. 174 HP D	107,681	37.96	48.16	7.75	13.40	7.46	15.40	9.76	345
5605	110-15B 18 T 15 CY P.S. 232 HP D	141,853	48.16	61.23	10.16	17.50	9.95	20.10	13.02	456
5610	110H-TB 19 T 16 CY P.S. 140/140 HP D/D	192,428	64.87	82.25	13.86	24.05	12.01	27.67	15.71	521
5615	210-HB 26.5T 23 CY P.S. 324 HP D	236,508	76.01	96.31	17.00	29.40	13.90	33.79	18.18	710
	FIAT-ALLIS									
5625	161 18.7 T 15 CY P.S. 229 HP D	156,900	51.32	65.12	11.26	19.46	9.82	22.38	12.85	449
5630	260B 25 T 15-21 CY P.S. 325 HP D	220,801	68.42	87.83	15.85	27.36	12.51	31.44	16.44	613
5635	261B 26.5T 23 CY P.S. 325 HP D	263,065	81.48	102.93	18.97	32.97	13.94	37.94	18.23	710
5640	262B 25 T 15-21 CY P.S. 325/171 HP D/D	260,238	92.31	117.11	18.71	32.40	20.19	37.25	26.19	702
5645	263-B 26.5 T 23 CY P.S 325/171 HP D/D	307,945	104.79	132.71	22.24	38.73	21.28	44.57	27.83	764
	INTERNATIONAL									
5655	412B 13 T 11 CY P.S. 168 HP D	100,120	35.70	45.33	7.19	12.43	7.21	14.30	9.42	335
5660	431B 24 T 14-21 CY P.S. 326 HP D	199,982	64.37	83.07	14.28	24.52	12.55	28.16	16.50	594
5665	433B 24 T 14-21 CY P.S. 326/185 HP D/D	234,690	87.57	111.34	16.84	29.06	20.80	33.39	26.98	690
5670	442B 25 T 22 CY P.S. 326 HP D	223,433	73.66	93.55	16.01	27.59	13.99	31.70	18.29	680
5675	444B 25 T 22 CY P.S. 326/185 HP D/D	263,486	90.68	118.17	18.92	32.70	19.67	37.58	25.86	805
	JOHN DEERE									
5685	JD762 13.7 T 11 CY P.S. 175 HP D	109,592	38.31	48.57	7.89	13.67	7.51	15.72	9.82	355
5690	JD862 20 T 16 CY P.S. 250 HP D	148,024	50.48	64.16	10.62	18.31	10.72	21.03	14.02	492

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
	SCRAPERS-SELF PROPELLED (CONT'D) ********** (CAPACITY AS RECOMMENDED BY MFGR HP & FUEL LISTED TRACTOR/SCRAPER PP = PUSH PULL ATTACHMENT)									
	TEREX (GM)									
5700	S-23E 26.5T 23 CY P.S. 310 HP D	218,581	71.73	91.11	15.66	26.96	13.30	30.96	17.39	658
5705	S-24B 40.8T 24-34 CY P.S. 475 HP D	337,937	105.56	136.31	24.11	41.30	18.29	47.40	24.03	955
5710	TS-14B 23.5T 14-20 CY P.S. 144/144 HP D/D	214,688	70.49	89.35	15.42	26.65	11.72	30.63	15.21	544
5715	TS-18 30 T 18-24 CY P.S. 295/225 HP D/D	282,282	99.11	125.71	20.30	35.15	21.16	40.41	27.46	721
5720	TS-24 40 T 24-32 CY P.S. 394/225 HP D/D	378,719	128.98	163.48	27.23	47.16	25.19	54.23	32.68	959
5725	TS-24B 40.8T 24-34 CY P.S. 475/242 HP D/D	430,826	148.89	188.95	30.93	53.43	29.18	61.42	37.86	1084
	WABCO									
5735	101G 13 T 11 CY P.S. 161 HP D	100,483	35.83	45.55	7.19	12.38	6.91	14.22	9.03	317
5740	222H 25 T 22 CY P.S. 332 HP D	215,451	72.21	91.81	15.43	26.55	14.24	30.50	18.63	648
5745	229H 25 T 15-21 CY P.S. 332 HP D	186,124	61.68	79.79	13.27	22.71	12.78	26.07	16.80	594
5750	252FT 32 T 27 CY P.S. 327/320 HP D/D	376,571	134.04	170.40	27.07	46.82	27.76	53.82	36.30	1010
5755	259FT 37 T 22-31 CY P.S. 327/328 HP D/D	360,124	130.81	166.48	25.85	44.66	28.10	51.33	36.75	1022
5760	333F 38 T 32 CY P.S. 467 HP D	313,094	104.05	132.24	22.41	38.58	20.03	44.32	26.20	1020
5765	339F 41 T 25-34 CY P.S. 467 HP D	302,196	95.66	123.25	21.61	37.16	17.98	42.68	23.63	937
5770	353FT 43 T 36 CY P.S. 493/473 HP D/D	496,314	186.32	237.60	35.54	61.17	41.44	70.26	54.19	1350
	SCRAPER-TRACTOR DRAWN **********									
	ROME									
5780	ROME 18T 12-17CY HYDR/CONTROL	53,870	11.46	14.01	3.62	5.79	0.00	6.41	0.00	235
5785	ROME 27T 18-26CY HYDR/CONTROL	76,308	16.54	20.39	5.08	8.04	0.00	8.89	0.00	365
	SOUTHWEST									
5795	SOUTHWEST DS18 DRAG SCRAPER 8.8 CY	31,970	6.74	8.25	2.14	3.43	0.00	3.80	0.00	137

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
		TRACTOR - CRAWLERS										
		CATERPILLAR										
5805	D-3B	P.S.	65 HP D	33,070	11.50	14.67	2.47	4.08	2.93	4.64	3.86	126
5810	3P	POWER ANGLE & POWER TILT		6,529	1.53	1.93	0.48	0.85	0.00	0.99	0.00	24
5815	D-4E	P.S.	75 HP D	45,474	14.94	19.03	3.39	5.60	3.38	6.38	4.45	178
5820	4A	ANGLE BLADE HYDRAULIC		8,459	1.98	2.47	0.62	1.11	0.00	1.28	0.00	30
5825	4S	STRAIGHT BLADE HYDRAULIC		6,583	1.55	1.93	0.49	0.86	0.00	0.99	0.00	25
5830	D-5B	P.S.	105 HP D	69,668	22.32	28.41	5.19	8.59	4.74	9.79	6.24	227
5835	5A	ANGLE BLADE HYDRAULIC		10,491	2.43	3.05	0.77	1.37	0.00	1.58	0.00	43
5840	5S	STRAIGHT BLADE HYDRAULIC		8,103	1.89	2.38	0.60	1.06	0.00	1.23	0.00	32
5845	D-6D	P.S.	140 HP D	93,011	29.76	37.89	6.93	11.46	6.31	13.06	8.32	274
5850	6S	STRAIGHT BLADE HYDRAULIC		10,606	2.46	3.09	0.78	1.39	0.00	1.61	0.00	49
5855	6A	ANGLE BLADE HYDRAULIC		12,000	2.77	3.48	0.88	1.57	0.00	1.81	0.00	53
5860	D-7G	P.S.	200 HP D	130,748	42.04	53.52	9.74	16.11	9.02	18.36	11.88	377
5865	7S	STRAIGHT BLADE HYDRAULIC		17,062	3.93	4.92	1.26	2.24	0.00	2.57	0.00	77
5870	7U	HYD. UNIVERSAL BLADE		18,698	4.28	5.40	1.37	2.44	0.00	2.83	0.00	84
5875	7A	ANGLE BLADE HYDRAULIC		14,889	3.43	4.31	1.10	1.95	0.00	2.25	0.00	68
5880	D-8K	P.S.	300 HP D	176,885	54.74	67.93	12.44	20.27	13.53	22.47	17.82	622
5885	8S	STRAIGHT BLADE HYDRAULIC		24,918	5.70	7.17	1.83	3.26	0.00	3.77	0.00	121
5890	8U	HYD. UNIVERSAL BLADE		27,468	6.28	7.89	2.02	3.60	0.00	4.15	0.00	133
5895	8A	ANGLE BLADE HYDRAULIC		21,128	4.84	6.08	1.56	2.77	0.00	3.19	0.00	116
5900		PUSH PLATE USE W/8S		641	0.14	0.19	0.04	0.08	0.00	0.10	0.00	4
5905	D-9H	P.S.	410 HP D	256,122	77.89	96.55	18.02	29.35	18.49	32.54	24.35	809
5910	9S	STRAIGHT BLADE HYDRAULIC		32,114	7.32	9.23	2.36	4.20	0.00	4.86	0.00	173
5915	9A	ANGLE BLADE HYDRAULIC		27,352	6.25	7.86	2.01	3.58	0.00	4.13	0.00	152
5920	9U	HYD. UNIVERSAL BLADE		35,122	8.01	10.07	2.58	4.60	0.00	5.30	0.00	190
5925	9C	CUSHION BLADE		26,484	6.05	7.62	1.95	3.47	0.00	4.01	0.00	142
5930		REAR CUSHION PUSH BLOCK		6,239	1.52	1.90	0.46	0.82	0.00	0.95	0.00	29
5935		FRONT PUSH PLATE		735	0.18	0.22	0.06	0.10	0.00	0.11	0.00	5

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
	TRACTOR - CRAWLER (CONT'D)									
	CATERPILLAR (CONT'D)									
5940	D-10 P.S. 700 HP D	475,695	136.32	165.61	31.71	51.24	31.57	55.83	41.58	1513
5945	10S STRAIGHT BLADE HYDRAULIC	51,963	11.81	14.89	3.82	6.80	0.00	7.86	0.00	280
5950	10U HYD. UNIVERSAL BLADE	57,152	12.99	16.35	4.20	7.48	0.00	8.63	0.00	289
5955	FRONT PUSH PLATE	762	0.23	0.27	0.06	0.10	0.00	0.11	0.00	7
5960	REAR PUSH BLOCK	16,301	3.74	4.71	1.19	2.13	0.00	2.46	0.00	48
	FIAT-ALLIS									
5970	8-B P.S. 88 HP D	48,983	16.52	21.08	3.65	6.03	3.97	6.88	5.23	189
5975	8-HA ANGLE BLADE HYDRAULIC	7,368	1.72	2.17	0.54	0.96	0.00	1.12	0.00	30
5980	8-HSU SEMI-U BLADE HYDRAULIC	7,184	1.67	2.10	0.53	0.94	0.00	1.09	0.00	30
5985	10-C P.S. 122 HP D	65,602	22.38	28.56	4.89	8.08	5.50	9.22	7.25	256
5990	10-HA ANGLE BLADE HYDRAULIC	8,204	1.92	2.40	0.61	1.08	0.00	1.24	0.00	36
5995	10-HSU SEMI-U BLADE HYDRAULIC	9,798	2.26	2.84	0.72	1.28	0.00	1.48	0.00	38
6000	14-C P.S. 150 HP D	91,782	30.07	38.32	6.84	11.31	6.76	12.89	8.91	306
6005	14-HA ANGLE BLADE HYDRAULIC	12,557	2.90	3.64	0.92	1.64	0.00	1.90	0.00	51
6010	14-HSU SEMI-U BLADE HYDRAULIC	12,243	2.82	3.54	0.90	1.60	0.00	1.85	0.00	51
6015	20 P.S. 223 HP D	117,153	40.28	51.39	8.73	14.44	10.06	16.45	13.25	453
6020	20-HA ANGLE BLADE HYDRAULIC	13,375	3.09	3.87	0.99	1.75	0.00	2.02	0.00	66
6025	20-HS STRAIGHT BLADE HYDRAULIC	14,045	3.24	4.07	1.03	1.84	0.00	2.13	0.00	66
6030	20-HSU SEMI-U BLADE HYDRAULIC	18,652	4.27	5.37	1.37	2.44	0.00	2.82	0.00	79
6035	30-C P.S. 300 HP D	174,310	54.19	67.27	12.26	19.97	13.53	22.15	17.82	636
6040	30HSU HYD. SEMI-UNIVERSAL BLADE	25,931	5.92	7.45	1.91	3.40	0.00	3.92	0.00	127
6045	30-HU FULL-U BLADE HYDRAULIC	26,305	6.01	7.56	1.94	3.45	0.00	3.98	0.00	114
6050	31 P.S. 425 HP D	239,728	75.23	93.43	16.86	27.46	19.17	30.46	25.24	908
6055	31-HSU SEMI-U BLADE HYDRAULIC	39,035	8.88	11.18	2.87	5.11	0.00	5.90	0.00	190
6060	31-HU FULL-U BLADE HYDRAULIC	40,007	9.10	11.46	2.94	5.24	0.00	6.05	0.00	210
6065	31-HC CUSHION BLADE	25,670	5.87	7.38	1.88	3.36	0.00	3.88	0.00	120

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
	TRACTOR - CRAWLER (CONT'D)									
	FIAT-ALLIS (CONT'D)									
6070	41-B P.S. 524 HP D	347,188	100.20	121.83	23.14	37.39	23.63	40.75	31.13	1128
6075	41-HSU SEMI-U BLADE HYDRAULIC	45,118	10.26	12.92	3.32	5.91	0.00	6.82	0.00	222
6080	41-HU FULL-U BLADE HYDRAULIC	51,560	11.72	14.76	3.79	6.75	0.00	7.80	0.00	254
6085	41-HC CUSHION BLADE	29,427	6.73	8.45	2.17	3.86	0.00	4.45	0.00	120
	INTERNATIONAL									
6095	TD-7-E P. S. W/HYD BLADE 65 HP D	42,248	13.60	17.32	3.15	5.20	2.93	5.93	3.86	139
6100	TD-8-E P.S. W/HYD BLADE 78 HP D	52,466	16.75	21.29	3.91	6.47	3.52	7.37	4.63	172
6105	TD-12 P.S. W/HYD BLADE 110 HP D	72,730	23.31	29.67	5.42	8.96	4.96	10.22	6.53	267
6110	TD-15-C P.S. 140 HP D	87,035	28.38	36.17	6.48	10.72	6.31	12.23	8.32	271
6115	15D-2 HYD. SEMI-UNIVERSAL BLADE	10,003	2.31	2.90	0.73	1.31	0.00	1.51	0.00	46
6120	15G-2 ANGLE BLADE HYDRAULIC	11,279	2.60	3.26	0.83	1.47	0.00	1.70	0.00	50
6125	TD-20-E P.S. 210 HP D	130,997	42.70	54.37	9.77	16.15	9.47	18.40	12.47	414
6130	20D-2 HYD. SEMI-UNIVERSAL BLADE	17,698	4.06	5.10	1.30	2.32	0.00	2.68	0.00	61
6135	20G-2 ANGLE BLADE HYDRAULIC	11,959	2.76	3.46	0.88	1.57	0.00	1.81	0.00	71
6140	TD-25-E P.S. 310 HP D	171,736	54.20	67.34	12.07	19.67	13.98	21.82	18.41	604
6145	25D-2 HYD. SEMI-UNIVERSAL BLADE	21,798	4.98	6.27	1.60	2.85	0.00	3.30	0.00	113
6150	25G-2 ANGLE BLADE HYDRAULIC	18,003	4.13	5.18	1.33	2.36	0.00	2.72	0.00	115
6155	.FRONT PUSHER CUSHION	8,457	1.98	2.47	0.62	1.11	0.00	1.28	0.00	29
6160	REAR PUSHER CUSHION	4,499	1.12	1.39	0.33	0.58	0.00	0.68	0.00	23
6165	FRONT PUSH BLOCK /S BLD	702	0.22	0.26	0.05	0.09	0.00	0.11	0.00	12
	JOHN DEERE									
6175	JD350C/6305 D.D. W/HYD BLADE 42 HP D	28,613	9.10	11.56	2.14	3.53	1.89	4.01	2.49	107
6180	JD450C/6405 D.D. W/HYD BLADE 65 HP D	39,849	13.05	16.64	2.97	4.91	2.93	5.60	3.86	143
6185	JD550/6405 P.S. W/HYD BLADE 72 HP D	47,589	15.25	19.42	3.54	5.86	3.25	6.68	4.28	155

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
	TRACTOR - CRAWLER (CONT'D) **********									
	KOMATSU									
6195	D31A-16 H.S. 63 HP D	32,458	11.23	14.33	2.42	4.00	2.84	4.56	3.74	128
6200	ANGLE TILTDOZER BLADE	5,262	1.24	1.55	0.39	0.69	0.00	0.79	0.00	20
6205	D45A-1 H.S. 90 HP D	48,741	16.60	21.17	3.63	6.01	4.06	6.85	5.35	200
6210	ANGLE TILTDOZER BLADE	3,763	0.90	1.12	0.27	0.49	0.00	0.57	0.00	24
6215	D53A-16A H.S. 118 HP D	71,296	23.46	29.88	5.32	8.79	5.32	10.01	7.01	246
6220	ANGLE TILTDOZER BLADE	6,268	1.47	1.84	0.46	0.82	0.00	0.95	0.00	42
6225	D65E-6 H.S. 155 HP D	101,042	32.52	41.40	7.53	12.45	6.99	14.19	9.21	377
6230	ANGLE TILTDOZER BLADE	8,185	1.90	2.38	0.60	1.07	0.00	1.23	0.00	61
6235	D85A-18 H.S. 220 HP D	127,406	42.47	54.12	9.50	15.71	9.92	17.89	13.07	437
6240	ANGLE TILTDOZER BLADE	12,810	2.95	3.71	0.95	1.68	0.00	1.94	0.00	99
6245	U-DOZER BLADE	13,667	3.14	3.95	1.00	1.79	0.00	2.07	0.00	104
6250	D155A-1 H.S. 320 HP D	182,530	61.13	77.91	13.61	22.50	14.43	25.63	19.01	690
6255	ANGLE TILTDOZER BLADE	17,582	4.03	5.06	1.29	2.30	0.00	2.65	0.00	140
6260	U-DOZER BLADE	18,576	4.25	5.35	1.37	2.43	0.00	2.81	0.00	142
6265	D355A-3 H.S. 410 HP D	245,722	75.67	93.88	17.29	28.16	18.49	31.23	24.35	945
6270	U-DOZER BLADE	23,899	5.46	6.86	1.76	3.13	0.00	3.61	0.00	196
6275	STRAIGHT DOZER BLADE	21,761	4.97	6.26	1.60	2.85	0.00	3.29	0.00	184
6280	D455A-1 H.S. 620 HP D	434,919	123.53	149.96	28.99	46.85	27.96	51.05	36.83	1445
6285	FULL U-DOZER BLADE	57,476	13.05	16.45	4.22	7.52	0.00	8.69	0.00	229
6290	U-DOZER BLADE	54,018	12.27	15.45	3.97	7.07	0.00	8.16	0.00	211
6295	STRAIGHT DOZER BLADE	50,560	11.48	14.47	3.71	6.61	0.00	7.64	0.00	193
	TEREX (GM)									
6305	82-20B P.S. (W/O BLADE) 205 HP D	136,348	43.64	55.54	10.17	16.81	9.25	19.15	12.18	409
6310	SEMI-U BLADE HYDRAULIC	12,703	2.92	3.67	0.93	1.66	0.00	1.92	0.00	58
6315	ANGLE BLADE HYDRAULIC	14,221	3.27	4.11	1.04	1.86	0.00	2.15	0.00	69
6320	FULL-U BLADE HYDRAULIC	14,561	3.35	4.20	1.07	1.91	0.00	2.20	0.00	68

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
	TRACTOR - CRAWLER (CONT'D)									
	TEREX (GM) (CONT'D)									
6325	82-30B P.S. (W/O BLADE) 260 HP D	157,164	48.28	59.87	11.06	18.01	11.73	19.97	15.44	555
6330	SEMI-U BLADE HYDRAULIC	17,963	4.11	5.17	1.32	2.35	0.00	2.71	0.00	91
6335	ANGLE BLADE HYD. w/DUAL TILT	23,552	5.38	6.77	1.73	3.08	D.00	3.56	0.00	118
6340	FULL-U BLADE HYDRAULIC	20,386	4.66	5.86	1.50	2.67	0.00	3.08	0.00	107
6345	REAR CUSHION PUSH BLOCK	5,910	1.43	1.79	0.43	0.77	0.00	0.90	0.00	30
6350	82-50B P.S. (W/O BLADE) 370 HP D	223,596	68.68	85.19	15.73	25.62	16.69	28.41	21.98	776
6355	SEMI-U BLADE HYDRAULIC	23,470	5.31	6.70	1.72	3.07	0.00	3.55	0.00	118
6360	FULL-U BLADE HYDRAULIC	25,722	5.82	7.33	1.89	3.37	0.00	3.88	0.00	129
6365	ANGLE BLADE HYDRAULIC	25,267	5.72	7.21	1.86	3.31	0.00	3.82	0.00	157
6370	PUSH PLATE (WELD ON)	950	0.21	0.27	0.07	0.12	0.00	0.14	0.00	6
6375	PUSH BLOCK (CUSHION REAR)	5,444	1.24	1.55	0.41	0.72	0.00	0.82	0.00	21
	TRACTOR - WHEEL TYPE DOZERS									
	CATERPILLAR									
6385	814 ARTICULATED ST BLADE P.S. 170 HP D	111,858	34.15	47.08	8.06	13.90	7.11	15.97	9.35	366
6390	824-C ARTICULATED ST BLADE P.S. 300 HP D	192,665	60.31	85.31	13.79	23.58	12.54	27.07	16.50	603
	CLARK									
6400	280 ARTICULATED ST BLADE P.S. 274 HP D	211,391	63.39	90.20	15.12	25.84	11.45	29.64	15.07	691
6405	380B ARTICULATED ST BLADE P.S. 473 HP D	344,168	100.91	139.31	24.60	41.98	19.77	48.15	26.01	1233
	TRACTOR - WHEEL TYPE - FARM TYPE									
	JOHN DEERE									
6415	MOD 301 A 43 HP D	12,752	5.06	6.65	0.93	1.61	1.80	1.85	2.36	0
6420	MOD 302 50 HP D	14,256	5.74	7.52	1.04	1.81	2.09	2.08	2.75	0
6425	MOD 401 B 62 HP D	19,221	7.41	9.65	1.40	2.44	2.59	2.81	3.41	0

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
	TRENCHER-CHAIN-DITCH WITCH									
6435	MOD C99 6"X24" TRENCH 9 HP G	2,629	1.71	2.24	0.19	0.32	0.79	0.38	1.03	6
6440	MOD 2200 8"X36" TRENCH 17 HP G	11,641	4.88	6.32	0.86	1.50	1.49	1.72	1.94	30
6445	MOD 2300 10"X36" TRENCH 28 HP G	13,332	6.55	8.45	0.98	1.72	2.46	1.97	3.20	33
6450	MOD 6510 12"X54" TRENCH 64 HP D	29,377	10.80	14.11	2.15	3.75	2.68	4.32	3.52	72
6455	MOD R100 10"X72" TRENCH 105 HP D	63,616	21.93	29.02	4.62	8.03	4.39	9.23	5.77	95
	TRENCHER-WHEEL TYPE									
	BARBER-GREENE									
6465	MOD TA 56 16"X5'-10" TRENCH 100 HP D	100,245	29.81	37.94	7.37	13.02	4.18	15.01	5.50	250
6470	MOD TA 65 28"X7'-6" TRENCH 175 HP D	145,304	44.83	57.12	10.69	18.88	7.31	21.77	9.62	431
	CLEVELAND									
6480	MOD 247-HD-1 21"X7' TRENCH 84 HP D	117,187	33.09	42.05	8.62	15.22	3.51	17.56	4.62	277
6485	MOD 400W-HD-1 36"X9' TRENCH 175 HP D	203,965	59.13	75.20	15.00	26.49	7.31	30.55	9.62	659
	TRUCKS - HIGHWAY (CHASSIS ONLY)									
	FORD									
6500	F150 4X2 1/2T PKUP 6100 GVW 157 HP G	6,155	7.20	9.48	0.49	0.90	4.18	1.09	5.43	38
6505	F150 4X4 1/2T PKUP 6250 GVW 157 HP G	7,640	7.60	10.04	0.60	1.11	4.18	1.35	5.43	42
6510	F250 4X2 3/4T PKUP 6900 GVW 157 HP G	6,549	7.34	9.69	0.51	0.94	4.18	1.13	5.43	40
6515	F250 4X4 3/4T PKUP 7400 GVW 157 HP G	7,927	7.73	10.27	0.62	1.14	4.18	1.38	5.43	44
6520	F350 4X2 1T 10000 GVW 157 HP G	7,487	7.65	10.17	0.58	1.05	4.18	1.27	5.43	42
6525	F600 2AX 18500 GVW 154 HP G	13,557	14.92	19.71	1.05	1.91	8.40	2.32	10.86	65
6530	F600 2AX 18500 GVW 162 HP D	18,718	11.36	15.19	1.46	2.68	4.82	3.26	6.23	65
6535	F700 2AX 24500 GVW 177 HP G	15,928	17.19	22.69	1.23	2.26	9.65	2.74	12.48	65
6540	F700 2AX 24500 GVW 162 HP D	21,143	12.00	16.06	1.65	3.04	4.82	3.70	6.23	73
6545	F800 2AX 27000 GVW 177 HP G	17,647	17.69	23.41	1.37	2.49	9.65	3.02	12.48	72
6550	F800 2AX 27000 GVW 162 HP D	22,529	12.63	17.20	1.74	3.14	4.82	3.80	6.23	76

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)									
	FORD (CONT'D)									
6555	LT800 3AX 43000 GVW 223 HP G	26,936	31.49	41.73	2.08	3.78	18.09	4.59	23.43	110
6560	LT8000 3AX 44800 GVW 175 HP D	37,055	20.12	27.41	2.87	5.25	7.59	6.37	9.98	126
6565	LTS8000 3AX 46000 GVW 175 HP D	38,780	20.58	28.06	3.01	5.50	7.59	6.68	9.98	130
6570	LNT8000 3AX 46000 GVW 175 HP D	36,669	20.02	27.31	2.84	5.18	7.59	6.30	9.98	124
6575	CT8000 3AX 46000 GVW 175 HP D	42,770	21.63	29.48	3.32	6.09	7.59	7.40	9.98	136
6580	LT9000 3AX 58000 GVW 82000 GCW 239 HP D	56,254	28.95	39.45	4.37	8.01	10.37	9.73	13.63	172
6585	LTS9000 3AX 60000 GVW 82000 GCW 239 HP D	59,744	29.94	40.78	4.65	8.50	10.37	10.32	13.63	180
6590	LNT9000 3AX 60000 GVW 82000 GCW 239 HP D	56,658	29.13	39.69	4.40	8.04	10.37	9.77	13.63	175
6595	CLT9000 3AX 82000 GCW 286 HP D	55,783	31.36	42.52	4.34	7.98	12.41	9.69	16.31	149
	GMC AND CHEVROLET									
6605	C10903 4X2 1/2T PKUP 6200 GVW 135 HP G	6,750	6.59	8.71	0.53	0.97	3.59	1.18	4.67	42
6610	C10906 4X2 WAGON 6400 GVW 175 HP G	7,868	8.29	10.94	0.62	1.14	4.65	1.39	6.05	47
6615	K10906 4X4 WAGON 6800 GVW 175 HP G	8,940	8.57	11.36	0.70	1.30	4.65	1.59	6.05	51
6620	C20903 4X2 3/4T PKUP 7100 GVW 175 HP G	7,456	8.19	10.80	0.59	1.08	4.65	1.31	6.05	48
6625	K20903 4X4 3/4T PKUP 6800 GVW 175 HP G	8,533	8.48	11.24	0.67	1.24	4.65	1.50	6.05	51
6630	C30903 4X2 1T 9000 GVW 165 HP G	7,025	7.74	10.24	0.54	0.99	4.39	1.21	5.71	45
6635	C5D042 2AX 14800 GVW 165 HP G	10,441	14.82	19.47	0.81	1.48	9.00	1.80	11.63	59
6640	C6D042 2AX 21200 GVW 165 HP G	12,447	15.41	20.33	0.96	1.74	9.00	2.11	11.63	64
6645	C6D042 2AX 21200 GVW 153 HP D	17,259	10.62	14.23	1.34	2.46	4.55	2.99	5.88	73
6650	C7D042 2AX 23160 GVW 188 HP G	13,613	17.41	23.00	1.04	1.89	10.25	2.29	13.25	72
6655	C7D042 2AX 27500 GVW 153 HP D	20,022	11.48	15.51	1.54	2.80	4.55	3.40	5.88	83
6660	C7D064 3AX 44860 GVW 210 HP G	25,342	29.85	39.71	1.94	3.48	17.04	4.22	22.06	120
6665	C7D064 3AX 44860 GVW 193 HP D	29,756	19.25	26.26	2.29	4.14	8.38	5.02	11.01	112
6670	J8C042 2AX 35000 GVW 194 HP D	32,809	19.92	26.93	2.55	4.67	8.42	5.67	11.07	102
6675	J8C064 3AX 44860 GVW 194 HP D	36,231	21.02	28.64	2.81	5.11	8.42	6.19	11.07	139
6680	J9C042 2AX 29900 GVW 230 HP D	47,611	21.81	29.36	3.72	6.87	6.84	8.36	8.84	123

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)									
	GMC AND CHEVROLET (CONT'D)									
6685	J9C064 3AX 48860 GVW 283 HP D	48,896	29.31	39.66	3.81	7.00	12.28	8.50	16.14	159
6690	N9E064 3AX 53480 GVW 290 HP D	58,088	32.19	43.61	4.53	8.32	12.59	10.12	16.54	163
6695	D9K064 3AX 80000 GVW 280 HP D	59,527	31.93	43.23	4.65	8.57	12.15	10.43	15.97	148
	INTERNATIONAL									
6705	SCOUT 4X4 6200 GVW 97 HP G	6,897	5.31	7.05	0.54	1.00	2.58	1.21	3.35	30
6710	1624 2AX 20000 GVW 147 HP G	10,453	13.53	17.80	0.81	1.48	8.02	1.80	10.36	57
6715	1724 2AX 20000 GVW 147 HP G	10,817	13.62	17.92	0.84	1.53	8.02	1.86	10.36	65
6720	1754 2AX 20000 GVW 165 HP D	15,104	10.44	13.90	1.18	2.17	4.91	2.64	6.34	71
6725	1824 2AX 21000 GVW 189 HP G	11,491	16.83	22.07	0.90	1.64	10.31	1.99	13.32	68
6730	1854 2AX 23000 GVW 180 HP D	17,267	11.66	15.56	1.34	2.46	5.36	2.99	6.92	74
6735	1924 2AX 25000 GVW 190 HP G	13,463	17.49	23.02	1.05	1.90	10.36	2.30	13.39	79
6740	1954 2AX 25000 GVW 210 HP D	22,305	14.13	18.82	1.74	3.21	6.25	3.90	8.07	100
6745	F2554 3AX 43000 GVW 210 HP D	37,022	22.10	30.09	2.87	5.22	9.11	6.34	11.98	123
6750	F2574 3AX 50000 GVW 230 HP D	44,335	25.14	34.16	3.45	6.31	9.98	7.67	13.12	123
6755	F4370 3AX 46000 GVW 290 HP D	46,673	29.10	39.38	3.63	6.66	12.59	8.10	16.54	133
6760	F5050 3AX 52000 GVW 225 HP D	45,151	25.08	34.08	3.52	6.44	9.76	7.82	12.83	138
6765	F5070 3AX 52000 GVW 290 HP D	48,499	29.58	40.02	3.77	6.93	12.59	8.42	16.54	140
	KENWORTH									
6775	K100 3AX 47400 GVW 72800 GCW 290 HP D	47,824	29.46	39.87	3.72	6.82	12.59	8.27	16.54	138
6780	W900 3AX 50000 GVW 76800 GCW 290 HP D	46,739	29.17	39.49	3.64	6.66	12.59	8.08	16.54	140
6785	C500 3AX 56000 GVW 86000 GCW 290 HP D	53,455	30.93	41.89	4.16	7.65	12.59	9.30	16.54	144
6790	BRUTE 3AX 62000 GVW 95300 GCW 290 HP D	57,519	32.01	43.33	4.49	8.26	12.59	10.03	16.54	179

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)									
	PETERBILT									
6800	MOD 348 3AX 56000 GVW 250 HP D	54,540	29.10	39.48	4.24	7.76	10.85	9.42	14.26	121
6805	MOD 362 3AX 50000 GVW 76800 GCW 350 HP D	60,087	36.03	48.63	4.70	8.65	15.19	10.50	19.96	131
6810	MOD 359 3AX 50000 GVW 76800 GCW 350 HP D	64,894	37.29	50.35	5.08	9.36	15.19	11.38	19.96	134
6815	MOD 353 3AX 73000 GVW 125000 GCW 350 HP D	67,477	37.97	51.27	5.28	9.74	15.19	11.85	19.96	174
6820	MOD 387 3AX 83000 GVW 150000 GCW 350 HP D	90,866	44.14	59.62	7.13	13.22	15.19	16.10	19.96	193
	TRUCK ACCESSORIES									
	(CHASIS NOT INCLUDED)									
	CRANES-HYDRAULIC									
6830	5.3T@5'RAD 24000 GVW MIN	22,401	5.82		1.78	3.38	0.00			79
6835	8.0T@3'RAD 26500 GVW MIN	27,711	7.19		2.20	4.19	0.00			84
6840	12.5T@4'RAD 27000 GVW MIN	42,060	10.86		3.34	6.35	0.00			142
6845	13.5T@4'RAD 44000 GVW MIN	52,266	13.48		4.15	7.89	0.00			158
6850	15.0T@4'RAD 48000 GVW MIN	59,074	15.23		4.69	8.92	0.00			211
	DUMP BODIES-REAR-W/HOIST									
6860	5CY 24M TO 26M GVW	4,910	1.33	1.77	0.39	0.74	0.00	0.91	0.00	26
6865	AIR GATE 8CY 27M TO 30M GVW	7,758	2.06	2.75	0.62	1.17	0.00	1.43	0.00	44
6870	AIR GATE 10CY 36M AND UP GVW	7,843	2.08	2.78	0.62	1.18	0.00	1.45	0.00	45
6875	AIR GATE 12CY 36M AND UP GVW	7,956	2.11	2.82	0.63	1.20	0.00	1.47	0.00	46
	FLATBEDS									
6885	8'X9.5'	1,656	0.42		0.13	0.25	0.00			11
6890	8'X10.5'	1,707	0.43		0.13	0.25	0.00			12
6895	8'X12.5'	1,865	0.48		0.15	0.28	0.00			14
6900	8'X14.5'	2,217	0.56		0.17	0.33	0.00			16
6905	8'X16.5'	2,428	0.62		0.19	0.36	0.00			18
6910	FLATBED-HOIST	2,311	0.59		0.19	0.35	0.00			10

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
	TRUCK ACCESSORIES (CONT'D)									
	(CHASIS NOT INCLUDED)									
	FLATBEDS (CONT'D)									
6915	FLATBED-SIDEBOARDS	650	0.17		0.06	0.10	0.00			3
	HOISTS-ELECTRIC									
6925	1500LB@1.75'	1,744	0.52		0.14	0.27	0.00			4
6930	2400LB@3'	2,245	0.64		0.17	0.33	0.00			6
6935	5000LB@4'	6,125	1.64		0.49	0.92	0.00			15
6940	6000LB@6'	6,816	1.82		0.54	1.03	0.00			14
	TRANSIT MIXERS									
6950	7 CY 40000 - 50000 GVW RQD	21,649	5.66		1.72	3.27	0.00			63
6955	8 CY 50000 70000 GVW RQD	21,984	5.75		1.75	3.32	0.00			66
6960	8.5CY 55000 75000 GVW RQD	22,208	5.80		1.76	3.35	0.00			68
6965	9 CY 61000 80000 GVW RQD	22,524	5.88		1.79	3.40	0.00			73
	WATER TANKS									
6975	2000 GAL 23500-28000 GVW 7 HP G	8,953	3.10		0.71	1.35	0.61			35
6980	2500 GAL 25000-34950 GVW 7 HP G	9,414	3.22		0.75	1.42	0.61			42
6985	3000 GAL 29000-40000 GVW 7 HP G	9,946	3.36		0.79	1.50	0.61			46
	TRUCK TRAILERS									
	DUMPS-BELLY									
6995	18CY 27T	23,590	5.38	6.81	1.70	2.81	0.00	3.20	0.00	122
7000	20CY 30T	27,151	6.14	7.79	1.96	3.24	0.00	3.70	0.00	140
7005	30CY 30T	27,598	6.24	7.90	2.00	3.30	0.00	3.76	0.00	160
7010	28CY 42T	34,034	7.66	9.69	2.46	4.09	0.00	4.66	0.00	180
7015	20CY 35T OFF HIGHWAY	35,691	8.27	10.50	2.55	4.15	0.00	4.72	0.00	175
7020	32CY 55T OFF HIGHWAY	75,726	17.25	21.92	5.44	8.93	0.00	10.17	0.00	365
7025	43CY 70T OFF HIGHWAY	84,656	19.77	25.22	6.00	9.68	0.00	11.00	0.00	445

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)									
	DUMPS-END									
7035	20CY 24T	28,101	6.32	8.00	2.03	3.37	0.00	3.85	0.00	146
	LOWBOY-RIGID NECK-DROP DECK									
7045	25 TON 2 AXLE	17,543	3.77		1.27	2.00	0.00			89
7050	30 TON 2 AXLE	19,970	4.29		1.45	2.29	0.00			94
7055	35 TON 2 AXLE	24,208	5.14		1.76	2.79	0.00			109
7060	35 TON 3 AXLE	24,664	5.35		1.78	2.81	0.00			134
7065	40 TON 3 AXLE	26,085	5.67		1.88	2.95	0.00			144
7070	50 TON 3 AXLE	28,456	6.18		2.05	3.22	0.00			161
7075	60 TON 3 AXLE	31,357	6.80		2.26	3.55	0.00			188
7080	70 TON 3 AXLE	41,488	8.78		3.01	4.79	0.00			213
7085	75 TON 3 AXLE	42,348	8.95		3.08	4.90	0.00			228
7090	80 TON 4 AXLE	49,595	10.51		3.61	5.73	0.00			266
7095	90 TON 4 AXLE	54,720	11.59		3.98	6.32	0.00			297
7100	110 TON 4 AXLE	60,351	12.69		4.40	7.02	0.00			313
7105	120 TON 4 AXLE	68,537	14.80		4.93	7.73	0.00			351
7110	HELPER DOLLY 60 T TRAILER MAX	14,287	3.21		1.02	1.57	0.00			62
	PLATFORM TRAILERS									
7120	25 TON 2 AXLE	13,216	3.00		0.94	1.44	0.00			110
	PUP TRAILERS									
7130	8 CY LONG TONGUE	16,378	3.64		1.18	1.83	0.00			86
7135	10CY LONG TONGUE	16,506	3.66		1.18	1.84	0.00			86
	TILT TRAILERS									
7145	12 TON 2 AXLE	9,100	2.06		0.65	1.00	0.00			62
7150	16 TON 2 AXLE	9,369	2.14		0.67	1.04	0.00			65
7155	20 TON 2 AXLE	10,633	2.45		0.75	1.15	0.00			67

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 - OFF HIGHWAY									
	CATERPILLAR									
7165	769-C 35T 22-30 CY P.S. 450 HP D	238,467	66.47	84.60	16.32	26.65	11.88	29.57	15.34	689
7170	773-B 50T 30-45 CY P.S. 650 HP D	335,256	94.90	121.19	22.89	37.27	17.16	41.36	22.16	890
7175	777 85T 47-67 CY P.S. 870 HP D	460,008	127.27	162.37	31.17	50.21	22.97	55.62	29.67	1346
7180	768C PRIME MOVER TRACTOR P.S. 450 HP D	210,250	61.10	78.10	14.34	23.35	11.88	25.91	15.34	506
7185	772B PRIME MOVER TRACTOR P.S. 650 HP D	315,822	93.37	120.46	21.41	34.51	17.16	38.24	22.16	705
	DJB (ARTICULATED FRAME)									
7195	D275B 27.5T 15-20 CY P.S. 235 HP D	177,032	44.88	56.50	12.10	19.74	6.20	21.91	8.01	424
7200	D330B 33T 17-23 CY P.S. 255 HP D	199,737	50.05	62.90	13.67	22.35	6.73	24.81	8.70	444
7205	D350B 35T 20-26 CY P.S. 255 HP D	208,596	53.37	67.75	14.15	22.86	6.73	25.35	8.70	472
7210	D550 55T 32-43 CY P.S. 450 HP D	348,402	89.38	113.11	23.70	38.40	11.88	42.57	15.34	834
	EUCLID									
7220	R25-215FD 25T 14-19 CY P.S. 214 HP D	149,783	38.09	48.11	10.23	16.68	5.65	18.52	7.30	404
7225	R35-302TD 35T 22-30 CY P.S. 430 HP D	228,231	63.31	80.47	15.62	25.56	11.35	28.38	14.66	623
7230	R50-301LD 50T 31-41 CY P.S. 576 HP D	305,943	86.74	111.07	20.85	33.85	15.21	37.54	19.64	836
7235	R75-301ND 75T 46-69 CY P.S. 646 HP D	409,019	108.75	138.72	27.71	44.62	17.05	49.42	22.03	1123
7240	R85-306ND 85T 52-67 CY P.S. 746 HP D	419,232	115.15	147.35	28.33	45.44	19.69	50.32	25.44	1227
	INTERNATIONAL									
7250	330 36T 24-31 CY P.S. 394 HP D	200,224	58.60	75.88	13.63	22.13	10.40	24.54	13.44	630
7255	350B 50T 31-42 CY P.S. 580 HP D	316,334	88.26	112.95	21.68	35.49	15.31	39.41	19.78	740
	TEREX									
7270	33-03B 22T 15-18 CY P.S. 215 HP D	130,173	35.25	44.88	8.90	14.53	5.68	16.13	7.33	400
7275	33-05B 30T 19-23 CY P.S. 321 HP D	187,735	51.56	65.80	12.82	20.89	8.47	23.18	10.95	525
7280	33-07 40T 25-32 CY P.S. 493 HP D	238,108	70.54	90.99	16.14	26.02	13.02	28.83	16.81	756
7285	33-09 55T 34-44 CY P.S. 624 HP D	321,611	93.57	120.62	21.81	35.19	16.47	38.99	21.28	992

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 - OFF HIGHWAY (CONT'D)									
	TEREX (CONT'D)									
7290	33-11C 85T 51-65 CY P.S. 840 HP D	451,074	124.52	158.95	30.55	49.16	22.18	54.46	28.64	1227
	WABCO									
7300	HAULPAK 35D 35T 23-29 CY P.S. 420 HP D	222,396	62.36	79.54	15.19	24.77	11.09	27.48	14.32	571
7305	HAULPAK 50B 50T 31-40 CY P.S. 576 HP D	313,946	88.26	112.92	21.40	34.78	15.21	38.58	19.64	792
7310	HAULPAK 60 60T 34-48 CY P.S. 576 HP D	348,296	96.95	124.60	23.67	38.30	15.21	42.47	19.64	850
7315	75B 75T 44-57 CY P.S. 665 HP D	370,941	104.75	134.49	25.22	40.86	17.56	45.31	22.68	915
7320	85D 85T 47-67 CY P.S. 818 HP D	446,415	122.87	156.87	30.22	48.62	21.60	53.85	27.89	1193
	TRUCKS - WATER									
	TRACTOR DRAWN - KLEIN									
7335	KT-50 5000 GAL. CAT 613B P.S. 150 HP D	104,789	29.36	37.07	7.13	11.58	6.27	12.85	8.25	320
7340	KT-60 6000 GAL. CAT 621B P.S. 330 HP D	188,270	56.66	72.00	12.78	20.65	13.79	22.88	18.15	564
7345	KT-80 8000 GAL. CAT 631D P.S. 450 HP D	259,777	78.46	99.95	17.60	28.35	18.81	31.40	24.75	740
7350	KT-100 10000 GAL. CAT 631D P.S. 450 HP D	266,230	79.61	101.32	18.04	29.09	18.81	32.24	24.75	798
7355	KT-100 10000 GAL. CAT 641B P.S. 550 HP D	310,694	94.71	120.78	21.03	33.83	22.99	37.48	30.25	931
7360	KT-120 12000 GAL. CAT 651B P.S. 550 HP D	315,842	95.63	121.86	21.39	34.43	22.99	38.14	30.25	1097
	TRACTOR DRAWN - SOUTHWEST									
7370	STT-60 6000 GAL. CAT 621B P.S. 330 HP D	198,929	58.56	74.26	13.52	21.89	13.79	24.27	18.15	594
7375	STT-80 8000 GAL. CAT 631D P.S. 450 HP D	273,194	80.87	102.78	18.53	29.91	18.81	33.14	24.75	800
7380	STT-100 10000 GAL. CAT 631D P.S. 450 HP D	277,185	81.59	103.63	18.82	30.38	18.81	33.66	24.75	840
7385	STT-120 12000 GAL. CAT 651B P.S. 550 HP D	331,995	98.54	125.29	22.51	36.32	22.99	40.25	30.25	1054
7390	STT-140 14000 GAL. CAT 660B P.S. 550 HP D	335,141	99.11	125.96	22.73	36.69	22.99	40.66	30.25	1089

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
	WAGONS - BOTTOM - DUMP									
	CATERPILLAR-ATHEY									
7400	621B/PW621B 33T 22-26CY P.S. 330 HP D	199,802	58.72	74.44	13.58	21.99	13.79	24.38	18.15	579
7405	768B/PW768C 63T 42-48CY P.S. 450 HP D	304,212	86.98	110.02	20.58	33.10	18.81	36.66	24.75	935
7410	772B/PW772B 100T 60-67CY P.S. 650 HP D	471,150	133.74	170.64	32.13	52.24	27.17	57.95	35.75	1304
	EUCLID									
7420	B30-303TDT301W 30T 21-27CY P.S. 277 HP D	188,620	53.69	67.95	12.81	20.68	11.58	22.92	15.23	483
7425	B70-203LDT147W 70T 42-56CY P.S. 423 HP D	331,676	85.41	105.69	22.77	37.37	17.68	41.50	23.26	934
	WAGONS - REAR - DUMP									
	CATERPILLAR-ATHEY									
7435	621B/PR621B 30T 20-24CY P.S. 330 HP D	210,298	62.76	80.50	14.31	23.17	13.79	25.68	18.15	590
7440	631D/PR631D 40T 27-32CY P.S. 450 HP D	298,809	87.82	112.47	20.35	33.04	18.81	36.64	24.75	833
	WATER BLASTER									
7455	1 - NOZZLE 95 HP D	25,977	18.82		2.32	4.80	5.85			47
7460	2 - NOZZLE 140 HP D	34,937	26.77		3.11	6.45	8.62			52
7465	3 - NOZZLE 275 HP D	64,050	50.80		5.71	11.82	16.94			128
7470	4 - NOZZLE 318 HP D	69,002	57.00		6.16	12.74	19.59			145
	WATER TANKS									
	SKID MOUNTED									
7480	WST-8 8000 GAL. SOUTHWEST	12,837	2.29		0.90	1.51	0.00			107
7485	WST-10 10000 GAL. SOUTHWEST	14,957	2.66		1.04	1.75	0.00			122
7490	WST-12 12000 GAL. SOUTHWEST	17,403	3.10		1.21	2.04	0.00			142

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	
	WATER TANKS (CONT'D)									
	PORTABLE (WITH WHEELS)									
7500	EWT-8 8000 GAL. SOUTHWEST	23,361	4.16		1.62	2.74	0.00			130
7505	EWT-10 10000 GAL. SOUTHWEST	26,399	4.69		1.83	3.09	0.00			170
7510	EWT-12 12000 GAL. SOUTHWEST	29,283	5.20		2.04	3.43	0.00			185
	WELDERS									
	ELECTRIC DRIVE - AC 3 PHASE 60 HZ									
7520	250 AMP SKID MTD 10 HP E	1,099	0.85		0.09	0.16	0.48			7
7525	300 AMP SKID MTD 20 HP E	1,636	1.58		0.13	0.23	0.96			7
7530	400 AMP SKID MTD 25 HP E	2,078	1.98		0.16	0.29	1.20			8
7535	600 AMP SKID MTD 36 HP E	2,700	2.79		0.22	0.38	1.73			15
	GASOLINE ENGINE DRIVE									
7545	200 AMP W/1 AXLE TRLR 14 HP G	2,170	2.60		0.18	0.34	1.51			11
7550	250 AMP W/1 AXLE TRLR 65 HP G	4,163	10.11		0.36	0.68	7.00			17
7555	300 AMP W/1 AXLE TRLR 65 HP G	4,262	10.15		0.37	0.70	7.00			17
7560	400 AMP W/1 AXLE TRLR 69 HP G	4,985	10.93		0.43	0.82	7.43			21
7565	650 AMP W/2 AXLE TRLR 85 HP G	6,304	13.53		0.54	1.02	9.16			22
	DIESEL ENGINE DRIVE									
7575	250 AMP W/1 AXLE TRLR 38 HP D	5,469	4.32		0.47	0.90	1.96			21
7580	300 AMP W/1 AXLE TRLR 38 HP D	5,518	4.35		0.49	0.92	1.96			21
7585	350 AMP W/2 AXLE TRLR 63 HP D	6,984	6.46		0.61	1.15	3.26			25
7590	400 AMP W/2 AXLE TRLR 64 HP D	6,808	6.45		0.59	1.11	3.31			30
	RECTIFIER									
7600	250 AMP W/SHOP RUNNING GEAR 19 HP E	1,454	1.48		0.12	0.21	0.91			4
7605	300 AMP W/SHOP RUNNING GEAR 24 HP E	1,570	1.81		0.12	0.22	1.15			6
7610	500 AMP W/SHOP RUNNING GEAR 30 HP E	1,997	2.27		0.16	0.28	1.44			7

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
	WELDERS (CONT'D)									
	RECTIFIER (CONT'D)									
7615	750 AMP W/SHOP RUNNING GEAR 42 HP E	3,296	3.29		0.27	0.47	2.02			10
	TRANSFORMER-RECTIFIER									
7625	250 AMP W/SHOP RUNNING GEAR 19 HP E	775	1.34		0.07	0.11	0.91			4
7630	300 AMP W/SHOP RUNNING GEAR 24 HP E	1,283	1.76		0.11	0.18	1.15			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 $45.00 per hour and an ownership rate of $25.00 per hour.

A. If an equivalent crane owned by a contractor had been purchased new in 1977, the total hourly rate can be determined as follows:

Total Hourly Rate	= $45.00/Hr.
Ownership Rate	(-) $25.00/Hr.
Ownership adjusted for Age:	
(Ownership Rate) x (Age Adj. Factor)	
= ($25.00) x (.76)	= (+) $19.00/Hr.
Adjusted Total Hourly Rate	= $39.00/Hr.

B. If an equivalent crane owned by a Contractor had been purchased new in 1968, the total hourly rate can be determined as follows:

Total Hourly Rate	= $45.00/Hr.
Ownership Rate	(-) $25.00/Hr.
Ownership adjusted for Age:	
(Ownership Rate) x (Oldest Age Adj. Factor)	
= ($25.00) x (.39)	= (+) $ 9.75/Hr.
Adjusted Total Hourly Rate	= $29.75/Hr.

C. If an equivalent crane, manufactured in 1968, had been purchased used in 1976 by the Contractor, the crane is over-age and the rate computation would be identical to Example B.

D. If an equivalent crane, manufactured in 1977, had been purchased used in 1980 by the Contractor, the used crane is not over-age 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 1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970
15	AGGREGATE SPREADERS	1.14	1.09	1.00	0.91	0.83	0.77	0.70						
30	AIR COMPRESSORS	0.99	0.96	1.00	0.92	0.81	0.77	0.69						
45	AIR TOOLS & EQUIP, TAMPERS ETC	0.99	0.96	1.00										
60	ASPHALT DISTRIBUTORS	1.15	1.10	1.00	0.91	0.82	0.75	0.69						
65	ASPHALT AND CONCRETE PAVERS	1.14	1.09	1.00	0.91	0.83	0.77	0.70						
	BACKHOE (SEE KEY NO. 570-601)													
75	BROOMS	1.20	1.12	1.00	0.87	0.78	0.71	0.65						
80	BRUSH CHIPPERS	1.20	1.12	1.00	0.87	0.78	0.71	0.65						
90	BUCKETS, CLAMSHELL & DRAGLINE	1.13	1.09	1.00	0.83	0.74	0.67	0.61						
95	BUCKETS, CONCRETE	1.13	1.09	1.00	0.83	0.74	0.67	0.61						
105	CONCRETE OR GROUT PUMP	1.21	1.12	1.00	0.87	0.78	0.70							
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	1.20	1.12	1.00	0.87	0.78	0.71	0.65						
125	CONCRETE MIXERS & BUGGIES	1.20	1.12	1.00	0.87	0.78	0.71	0.65						
135	CONCRETE VIBRATORS	0.99	0.96	1.00										
140	COMPACTORS, MANUALLY OPERATED	0.99	0.96	1.00	0.92	0.81								
	CRANE, CRAWLER TYPE													
150	0 THRU 25 TON	1.16	1.09	1.00	0.89	0.81	0.75	0.70	0.63	0.51				
165	OVER 25 TON THRU 50 TON	1.16	1.09	1.00	0.90	0.82	0.75	0.70	0.64	0.52	0.43	0.42		
170	OVER 50 TON THRU 150 TON	1.16	1.09	1.00	0.90	0.82	0.76	0.71	0.65	0.53	0.45	0.43	0.41	0.39
180	OVER 150 TON	1.15	1.08	1.00	0.90	0.82	0.76	0.71	0.65	0.53	0.45	0.44	0.42	0.39
	DRAGLINE & CLAMSHELL,CRAWLER													
185	0 THRU 1 CY	1.16	1.09	1.00	0.89	0.81	0.75	0.70	0.63	0.50				
190	OVER 1 CY THRU 2-1/2 CY	1.16	1.09	1.00	0.90	0.82	0.75	0.70	0.64	0.52	0.43	0.42		
195	OVER 2-1/2 CY THRU 5 CY	1.16	1.09	1.00	0.90	0.82	0.76	0.71	0.65	0.53	0.45	0.43	0.41	0.39
196	OVER 5 CY	1.15	1.08	1.00	0.90	0.82	0.76	0.71	0.65	0.53	0.45	0.44	0.42	0.39
200	CRANES, HYDRAULIC, SELF-PROPELLED	1.16	1.09	1.00	0.90	0.81	0.75	0.70	0.64	0.51	0.43	0.41	0.39	
	CRANES & HYD. EXC. , TRK MTD													
210	UNDER 26 T. (THRU 1 CY)	1.16	1.09	1.00	0.90	0.82	0.75	0.70	0.64	0.52	0.43	0.42		
225	26 THRU 65 T (1 TH 2-1/2 CY)	1.16	1.09	1.00	0.90	0.82	0.76	0.71	0.65	0.53	0.45	0.43	0.41	0.39
230	66 THRU 125 T	1.15	1.08	1.00	0.90	0.82	0.76	0.71	0.65	0.53	0.45	0.44	0.42	0.39
240	OVER 125 T	1.15	1.08	1.00	0.90	0.82	0.76	0.72	0.66	0.54	0.46	0.44	0.42	0.40
255	DRILL, AUGER	1.26	1.16	1.00	0.87	0.80	0.72	0.69						
270	DRILL, BLAST HOLE	1.26	1.16	1.00	0.87	0.80	0.72	0.69						
300	DRILL, CORE	1.26	1.16	1.00	0.87	0.80	0.72	0.69						
315	DRILL, ROTARY TO 11" DIA. HOLE	1.25	1.15	1.00	0.87	0.81	0.73	0.70	0.67	0.58	0.52	0.49		
330	DRILL, ROTARY OVER 11" DIA.	1.24	1.14	1.00	0.88	0.81	0.74	0.71	0.68	0.59	0.54	0.51	0.50	0.47
345	DRILL, ROTARY OVER 11" DIA., ELECTRIC	1.24	1.14	1.00	0.88	0.81	0.74	0.71	0.68	0.59	0.54	0.51	0.50	0.47
375	FORK LIFTS	1.20	1.12	1.00	0.87	0.78	0.71	0.65						
390	GRADERS	1.21	1.11	1.00	0.89	0.81	0.72	0.67	0.61	0.48				
420	GENERATORS	1.30	1.20	1.00	0.82	0.78	0.71	0.67						
435	HOIST	1.20	1.12	1.00	0.87	0.78	0.71	0.65						
	HYD. EXCAVATOR (SEE KEY NO. 570-601)													
440	LIGHT PLANTS	1.21	1.13	1.00	0.86	0.77	0.69	0.63						
450	LOADER, BELT	1.22	1.13	1.00	0.86	0.77	0.69	0.63						
460	LOADER,FRONT END &LOADER F/E WITH BACKHOE,CRAWLER TYPE	1.23	1.14	1.00	0.87	0.79	0.72	0.65						
	LOADER, WHEEL TYPE													
465	0 THRU 225 HP	1.31	1.20	1.00	0.87	0.78	0.69	0.63						
470	OVER 225 HP	1.29	1.19	1.00	0.87	0.79	0.70	0.65	0.61	0.49				
475	LOADER, FRONT END WITH BACKHOE,WHEEL TYPE	1.31	1.20	1.00	0.87	0.78	0.69	0.63						
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	1.21	1.12	1.00	0.87	0.77								
485	PIPELAYERS	1.19	1.10	1.00	0.89	0.79	0.70	0.63	0.58	0.45				
	PUMP, GROUT (SEE KEY NO. 105)													

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW												
		1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970
495	PUMP, WATER, ENGINE DRIVE	1.20	1.12	1.00	0.87	0.78	0.71	0.65						
500	PUMP, WATER, ELECTRIC DRIVE	1.20	1.12	1.00	0.87	0.78	0.71	0.65						
510	RIPPERS	1.19	1.10	1.00	0.88	0.78	0.70							
525	ROLLERS,EXCEPT VIB. ROLLERS	1.22	1.10	1.00	0.81	0.72	0.63	0.58						
530	ROLLERS, VIBRATORY	1.23	1.10	1.00	0.80	0.71	0.61							
540	SCRAPERS, STANDARD	1.21	1.11	1.00	0.89	0.81	0.72	0.67						
542	SCRAPERS, TANDEM POWERED	1.21	1.11	1.00	0.89	0.81	0.72	0.67						
	SCRAPERS, ELEVATING													
545	0 THRU 200 HP	1.21	1.11	1.00	0.89	0.81	0.72	0.67						
550	OVER 200 HP	1.21	1.11	1.00	0.89	0.81	0.72	0.67						
555	SCRAPERS, TRACTOR DRAWN	1.20	1.11	1.00	0.89	0.82	0.73	0.67	0.62	0.49				
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED													
570	0 THRU 1 CY	1.16	1.09	1.00	0.89	0.81	0.74	0.69	0.63					
585	OVER 1 CY THRU 2-1/2 CY	1.16	1.09	1.00	0.89	0.81	0.75	0.70	0.63	0.51				
595	OVER 2-1/2 CY THRU 5 CY	1.16	1.09	1.00	0.90	0.82	0.75	0.71	0.64	0.52	0.44	0.42	0.40	
600	OVER 5 CY	1.16	1.09	1.00	0.90	0.82	0.76	0.71	0.65	0.53	0.45	0.43	0.41	0.39
601	OVER 2-1/2 CY ELECTRIC	1.15	1.08	1.00	0.90	0.82	0.76	0.72	0.66	0.54	0.46	0.44	0.42	0.40
	TRACTOR, CRAWLER TYPE													
615	0 THRU 225 HP	1.20	1.11	1.00	0.88	0.78	0.68	0.61						
620	226 HP THRU 425 HP (PER UNIT FOR TANDEM TRACTORS)	1.19	1.10	1.00	0.89	0.79	0.70	0.63	0.58	0.45				
625	OVER 425 HP	1.18	1.10	1.00	0.89	0.80	0.71	0.65	0.60	0.48	0.39			
630	TRACTOR BLADES, PUSH BLOCKS, PUSH PLATES & CLEARING BLADES	1.19	1.10	1.00	0.89	0.79	0.70	0.63						
645	TRACTOR, WHEEL TYPE	1.25	1.13	1.00	0.87	0.77	0.69	0.63						
650	TRENCHER	1.27	1.16	1.00	0.86	0.80	0.70	0.55						
655	TRAILERS, BOTTOM DUMP AND END DUMP	1.21	1.12	1.00	0.87	0.77	0.69	0.63						
660	TRAILERS, FLATBED, LO-BOY AND TILT	1.22	1.13	1.00	0.86	0.76	0.68	0.62						
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING													
670	DUMP BODIES	1.21	1.12	1.00	0.87	0.78	0.70							
675	ALL OTHER ACCESSORIES	1.21	1.12	1.00	0.87	0.78	0.70							
	TRUCK, HIGHWAY													
690	0 THRU 10,000 GVW	1.34	1.15	1.00	0.89	0.80	0.73							
695	OVER 10,000 THRU 30,000 GVW	1.34	1.15	1.00	0.89	0.80	0.72							
705	OVER 30,000 GVW	1.34	1.15	1.00	0.89	0.80	0.72							
720	TRUCK, OFF-HIGHWAY	1.26	1.15	1.00	0.86	0.78	0.71	0.67	0.63	0.48				
765	WAGON, BOTTOM DUMP & WATER	1.26	1.15	1.00	0.86	0.78	0.71	0.67	0.63	0.48				
780	WAGON, REAR DUMP	1.26	1.15	1.00	0.86	0.78	0.71	0.67	0.63	0.48				
785	WATER BLASTER	1.21	1.12	1.00	0.87	0.77								
795	WATER TANKS	1.20	1.12	1.00	0.87	0.79	0.71	0.66	0.61	0.48				
810	WELDERS	1.23	1.14	1.00	0.85	0.75								
811	WELDERS ELECTRIC POWER	1.22	1.13	1.00	0.86	0.76	0.68							

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 $16.00 per hour. If an equivalent crane owned by a Contractor had been purchased new in 1977, the hourly standby rate can be determined as follows:

Hourly Standby Rate	= $16.00/Hr.
Standby Adjusted for Age (Standby Rate) x (Age Adj. Factor) = ($16.00) x (.79)	= $12.64/Hr.

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW 1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970
15	AGGREGATE SPREADERS	1.12	1.08	1.00	0.92	0.85	0.80	0.74						
30	AIR COMPRESSORS	0.99	0.96	1.00	0.94	0.84	0.80	0.74						
45	AIR TOOLS & EQUIP, TAMPERS ETC	0.99	0.96	1.00										
60	ASPHALT DISTRIBUTORS	1.12	1.08	1.00	0.92	0.85	0.80	0.75						
65	ASPHALT AND CONCRETE PAVERS	1.12	1.08	1.00	0.92	0.85	0.80	0.74						
	BACKHOE (SEE KEY NO. 570-601)													
75	BROOMS	1.18	1.10	1.00	0.89	0.81	0.75	0.70						
80	BRUSH CHIPPERS	1.18	1.10	1.00	0.89	0.81	0.75	0.70						
90	BUCKETS, CLAMSHELL & DRAGLINE	1.12	1.08	1.00	0.85	0.77	0.71	0.66						
95	BUCKETS, CONCRETE	1.12	1.08	1.00	0.85	0.77	0.71	0.66						
105	CONCRETE OR GROUT PUMP	1.18	1.11	1.00	0.89	0.81	0.74							
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	1.18	1.10	1.00	0.89	0.81	0.75	0.70						
125	CONCRETE MIXERS & BUGGIES	1.18	1.10	1.00	0.89	0.81	0.75	0.70						
135	CONCRETE VIBRATORS	0.99	0.96	1.00										
140	COMPACTORS, MANUALLY OPERATED	0.99	0.96	1.00	0.93	0.83								
	CRANE, CRAWLER TYPE													
150	0 THRU 25 TON	1.14	1.08	1.00	0.91	0.84	0.78	0.74	0.68	0.57				
165	OVER 25 TON THRU 50 TON	1.14	1.08	1.00	0.91	0.84	0.78	0.74	0.69	0.58	0.51	0.49		
170	OVER 50 TON THRU 150 TON	1.14	1.07	1.00	0.91	0.84	0.79	0.75	0.69	0.59	0.51	0.50	0.48	0.46
180	OVER 150 TON	1.14	1.07	1.00	0.91	0.84	0.79	0.75	0.69	0.59	0.52	0.50	0.49	0.47
	DRAGLINE & CLAMSHELL,CRAWLER													
185	0 THRU 1 CY	1.14	1.08	1.00	0.91	0.84	0.78	0.74	0.68	0.57				
190	OVER 1 CY THRU 2-1/2 CY	1.14	1.08	1.00	0.91	0.84	0.78	0.74	0.69	0.58	0.51	0.49		
195	OVER 2-1/2 CY THRU 5 CY	1.14	1.07	1.00	0.91	0.84	0.79	0.75	0.69	0.59	0.51	0.50	0.48	0.46
196	OVER 5 CY	1.14	1.07	1.00	0.91	0.84	0.79	0.75	0.69	0.59	0.52	0.50	0.49	0.47
200	CRANES, HYDRAULIC, SELF-PROPELLED	1.14	1.07	1.00	0.91	0.84	0.79	0.75	0.69	0.59	0.52	0.50	0.49	
	CRANES & HYD. EXC. , TRK MTD													
210	UNDER 26 T. (THRU 1 CY)	1.14	1.08	1.00	0.91	0.84	0.78	0.74	0.69	0.58	0.51	0.49		
225	26 THRU 65 T (1 TH 2-1/2 CY)	1.14	1.07	1.00	0.91	0.84	0.79	0.75	0.69	0.59	0.51	0.50	0.48	0.46
230	66 THRU 125 T	1.14	1.07	1.00	0.91	0.84	0.79	0.75	0.69	0.59	0.52	0.50	0.49	0.47
240	OVER 125 T	1.13	1.07	1.00	0.91	0.84	0.79	0.75	0.70	0.59	0.52	0.51	0.49	0.47
255	DRILL, AUGER	1.22	1.13	1.00	0.88	0.83	0.76	0.73						
270	DRILL, BLAST HOLE	1.22	1.13	1.00	0.88	0.83	0.76	0.73						
300	DRILL, CORE	1.22	1.13	1.00	0.88	0.83	0.76	0.73						
315	DRILL, ROTARY TO 11" DIA. HOLE	1.21	1.13	1.00	0.89	0.83	0.77	0.74	0.71	0.64	0.58	0.56		
330	DRILL, ROTARY OVER 11" DIA.	1.21	1.13	1.00	0.89	0.84	0.77	0.75	0.72	0.65	0.60	0.57	0.56	0.54
345	DRILL, ROTARY OVER 11" DIA., ELECTRIC	1.21	1.13	1.00	0.89	0.84	0.77	0.75	0.72	0.65	0.60	0.57	0.56	0.54
375	FORK LIFTS	1.18	1.10	1.00	0.89	0.81	0.75	0.70						
390	GRADERS	1.17	1.09	1.00	0.90	0.84	0.77	0.72	0.68	0.57				
420	GENERATORS	1.24	1.16	1.00	0.86	0.83	0.77	0.74						
435	HOIST	1.18	1.10	1.00	0.89	0.81	0.75	0.70						
	HYD. EXCAVATOR (SEE KEY NO. 570-601)													
440	LIGHT PLANTS	1.17	1.10	1.00	0.89	0.81	0.75	0.70						
450	LOADER, BELT	1.17	1.10	1.00	0.89	0.81	0.75	0.70						
460	LOADER,FRONT END &LOADER F/E WITH BACKHOE,CRAWLER TYPE	1.19	1.12	1.00	0.90	0.83	0.77	0.71						
	LOADER, WHEEL TYPE													
465	0 THRU 225 HP	1.25	1.16	1.00	0.89	0.82	0.74	0.69						
470	OVER 225 HP	1.25	1.16	1.00	0.89	0.82	0.75	0.70	0.67	0.56				
475	LOADER, FRONT END WITH BACKHOE,WHEEL TYPE	1.25	1.16	1.00	0.89	0.82	0.74	0.69						
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	1.19	1.11	1.00	0.88	0.80								
485	PIPELAYERS	1.16	1.09	1.00	0.90	0.82	0.75	0.69	0.65	0.54				
	PUMP, GROUT (SEE KEY NO. 105)													

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW 1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970
495	PUMP, WATER, ENGINE DRIVE	1.18	1.10	1.00	0.89	0.81	0.75	0.70						
500	PUMP, WATER, ELECTRIC DRIVE	1.18	1.10	1.00	0.89	0.81	0.75	0.70						
510	RIPPERS	1.17	1.09	1.00	0.90	0.81	0.74							
525	ROLLERS,EXCEPT VIB. ROLLERS	1.19	1.08	1.00	0.84	0.76	0.68	0.63						
530	ROLLERS, VIBRATORY	1.20	1.08	1.00	0.83	0.75	0.67							
540	SCRAPERS, STANDARD	1.18	1.09	1.00	0.90	0.84	0.76	0.71						
542	SCRAPERS, TANDEM POWERED	1.18	1.09	1.00	0.90	0.84	0.76	0.71						
	SCRAPERS, ELEVATING													
545	0 THRU 200 HP	1.18	1.09	1.00	0.90	0.84	0.76	0.71						
550	OVER 200 HP	1.18	1.09	1.00	0.90	0.84	0.76	0.71						
555	SCRAPERS, TRACTOR DRAWN	1.18	1.09	1.00	0.90	0.84	0.77	0.72	0.67	0.56				
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED													
570	0 THRU 1 CY	1.14	1.08	1.00	0.91	0.83	0.78	0.73	0.68					
585	OVER 1 CY THRU 2-1/2 CY	1.14	1.08	1.00	0.91	0.84	0.78	0.74	0.68	0.57				
595	OVER 2-1/2 CY THRU 5 CY	1.14	1.08	1.00	0.91	0.84	0.79	0.74	0.69	0.58	0.51	0.49	0.48	
600	OVER 5 CY	1.14	1.07	1.00	0.91	0.84	0.79	0.75	0.69	0.59	0.51	0.50	0.48	0.46
601	OVER 2-1/2 CY ELECTRIC	1.13	1.07	1.00	0.91	0.84	0.79	0.75	0.70	0.59	0.52	0.51	0.49	0.47
	TRACTOR, CRAWLER TYPE													
615	0 THRU 225 HP	1.16	1.09	1.00	0.90	0.82	0.75	0.69						
620	226 HP THRU 425 HP (PER UNIT FOR TANDEM TRACTORS)	1.16	1.09	1.00	0.90	0.82	0.75	0.69	0.65	0.54				
625	OVER 425 HP	1.16	1.09	1.00	0.90	0.82	0.75	0.69	0.65	0.55	0.47			
630	TRACTOR BLADES, PUSH BLOCKS, PUSH PLATES & CLEARING BLADES	1.16	1.09	1.00	0.90	0.82	0.74	0.68						
645	TRACTOR, WHEEL TYPE	1.22	1.11	1.00	0.88	0.80	0.73	0.68						
650	TRENCHER	1.24	1.14	1.00	0.88	0.82	0.74	0.61						
655	TRAILERS, BOTTOM DUMP AND END DUMP	1.17	1.10	1.00	0.89	0.81	0.75	0.70						
660	TRAILERS, FLATBED, LO-BOY AND TILT	1.17	1.10	1.00	0.89	0.81	0.75	0.70						
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING													
670	DUMP BODIES	1.18	1.11	1.00	0.89	0.81	0.74							
675	ALL OTHER ACCESSORIES	1.18	1.11	1.00	0.89	0.81	0.74							
	TRUCK, HIGHWAY													
690	0 THRU 10,000 GVW	1.29	1.13	1.00	0.91	0.83	0.77							
695	OVER 10,000 THRU 30,000 GVW	1.29	1.13	1.00	0.91	0.83	0.77							
705	OVER 30,000 GVW	1.29	1.13	1.00	0.91	0.83	0.77							
720	TRUCK, OFF-HIGHWAY	1.22	1.13	1.00	0.88	0.81	0.75	0.72	0.68	0.55				
765	WAGON, BOTTOM DUMP & WATER	1.22	1.13	1.00	0.88	0.81	0.75	0.72	0.68	0.55				
780	WAGON, REAR DUMP	1.22	1.13	1.00	0.88	0.81	0.75	0.72	0.68	0.55				
785	WATER BLASTER	1.19	1.11	1.00	0.88	0.80								
795	WATER TANKS	1.17	1.10	1.00	0.89	0.81	0.75	0.70	0.66	0.55				
810	WELDERS	1.19	1.11	1.00	0.88	0.80								
811	WELDERS ELECTRIC POWER	1.18	1.11	1.00	0.89	0.81	0.74							

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 can be determined as follows:

Total Hourly Rate (adjusted for age)	= $39.00/Hr.
Ownership Rate (adjusted for age)	(-) $19.00/Hr.
Ownership Adjusted for Work Hours (Ownership Rate) x (Work Hr Adj. Factor) = ($19.00) x (.81)	= (+) $15.39/Hr.
Adjusted Total Hourly Rate	= $35.39/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	0.97	0.96	0.94	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.84	0.82
6,000	1.00	0.96	0.95	0.92	0.89	0.88	0.86	0.84	0.82	0.81	0.80	0.79	0.77
8,000	1.00	0.96	0.94	0.90	0.88	0.85	0.83	0.81	0.79	0.78	0.76	0.75	0.73
9,000	1.00	0.96	0.93	0.90	0.87	0.84	0.82	0.80	0.78	0.76	0.75	0.73	0.72
10,000	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
11,000	1.00	0.95	0.93	0.88	0.85	0.83	0.80	0.78	0.75	0.73	0.72	0.70	0.68
12,000	1.00	0.95	0.92	0.88	0.85	0.82	0.79	0.77	0.74	0.72	0.70	0.69	0.67
13,000	1.00	0.95	0.92	0.87	0.84	0.81	0.79	0.76	0.73	0.71	0.69	0.68	0.66
14,000	1.00	0.94	0.92	0.87	0.83	0.80	0.78	0.75	0.72	0.70	0.68	0.67	0.64
15,000	1.00	0.94	0.91	0.87	0.83	0.80	0.77	0.74	0.71	0.69	0.67	0.66	0.63
16,000	1.00	0.94	0.91	0.86	0.82	0.79	0.76	0.73	0.70	0.68	0.66	0.65	0.62
18,000	1.00	0.94	0.91	0.86	0.81	0.78	0.75	0.72	0.69	0.66	0.64	0.63	0.60
20,000	1.00	0.94	0.90	0.85	0.81	0.77	0.74	0.71	0.68	0.65	0.63	0.61	0.58
22,000	1.00	0.93	0.90	0.84	0.80	0.76	0.73	0.70	0.66	0.64	0.61	0.60	0.57
50,000	1.00	0.91	0.87	0.80	0.74	0.70	0.66	0.61	0.57	0.54	0.51	0.48	0.45

TABLE 3-5. HOURLY RATE ELEMENTS

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
1010	3.32	2.38	12.68	3.04	0.24	0.04	3.97	25.67								
1015	3.66	2.62	4.45	1.07	0.24	0.04	4.38	16.46								
1030	0.54	0.40	4.13	1.32	0.02	0.00	0.66	7.07								
1035	0.77	0.57	1.59	0.44	0.02	0.00	0.94	4.33								
1040	0.73	0.54	4.39	1.40	0.02	0.00	0.88	7.96								
1045	0.87	0.64	1.84	0.51	0.02	0.00	1.06	4.94								
1050	0.83	0.61	6.14	1.97	0.02	0.00	1.01	10.58								
1055	0.98	0.72	2.13	0.60	0.02	0.00	1.19	5.64								
1060	1.03	0.76	6.14	1.97	0.02	0.00	1.26	11.18								
1065	1.21	0.89	2.88	0.81	0.02	0.00	1.48	7.29								
1070	1.12	0.82	6.14	1.97	0.02	0.00	1.36	11.43								
1075	1.32	0.97	2.88	0.81	0.02	0.00	1.61	7.61								
1080	2.57	1.89	4.31	1.21	0.05	0.01	3.12	13.16								
1085	3.41	2.50	6.02	1.69	0.05	0.01	4.14	17.82								
1090	4.33	3.18	7.31	2.05	0.05	0.01	5.26	22.19								
1095	5.49	4.02	9.53	2.67	0.06	0.01	6.66	28.44								
1100	5.72	4.19	10.45	2.93	0.06	0.01	6.95	30.31								
1105	5.99	4.38	11.29	3.16	0.06	0.01	7.27	32.16								
1110	7.15	5.25	11.83	3.31	0.11	0.02	8.69	36.36								
1115	7.85	5.76	13.58	3.80	0.11	0.02	9.53	40.65								
1120	10.27	7.52	19.06	5.34	0.11	0.02	12.46	54.78								
1130	0.19	0.06	0.00	0.06	0.00	0.00	0.35	0.66								
1135	0.41	0.12	0.00	0.10	0.00	0.00	0.78	1.41								
1140	0.19	0.06	0.00	0.06	0.00	0.00	0.36	0.67								
1145	0.21	0.06	0.00	0.06	0.00	0.00	0.39	0.72								
1150	0.22	0.07	0.00	0.06	0.00	0.00	0.42	0.77								
1155	0.75	0.23	0.00	0.12	0.00	0.00	1.43	2.53								
1165	0.26	0.08	0.00	0.06	0.00	0.00	0.50	0.90								
1170	0.49	0.15	0.00	0.06	0.00	0.00	0.93	1.63								
1175	0.49	0.15	0.00	0.06	0.00	0.00	0.94	1.64								
1180	0.55	0.16	0.00	0.12	0.00	0.00	1.04	1.87								
1185	0.73	0.22	0.00	0.12	0.00	0.00	1.38	2.45								
1190	2.06	0.64	0.00	0.25	0.05	0.01	3.93	6.94								
1195	2.42	0.77	0.00	0.35	0.11	0.02	4.63	8.30								
1200	3.04	0.96	0.00	0.45	0.11	0.02	5.81	10.39								
1210	0.36	0.11	0.00	0.15	0.00	0.00	1.15	1.77								
1215	0.23	0.07	0.00	0.12	0.00	0.00	0.74	1.16								
1220	0.21	0.06	0.00	0.09	0.00	0.00	0.66	1.02								
1225	0.19	0.06	0.00	0.07	0.00	0.00	0.60	0.92								
1230	0.15	0.04	0.00	0.06	0.00	0.00	0.47	0.72								
1240	1.47	1.28	4.39	1.40	0.00	0.00	2.17	10.71								
1245	1.52	1.33	4.39	1.40	0.00	0.00	2.25	10.89								
1250	1.64	1.43	4.39	1.40	0.00	0.00	2.42	11.28								
1255	1.88	1.65	4.39	1.40	0.00	0.00	2.78	12.10								
1265	5.66	4.10	2.93	0.82	0.98	0.15	7.63	22.27								
1270	8.24	5.96	3.97	1.11	1.26	0.19	11.11	31.84								
1275	9.49	6.84	5.43	1.52	1.42	0.21	12.78	37.69								
1280	11.82	8.23	5.43	1.52	0.00	0.00	15.79	42.79								
1290	0.36	0.27	0.00	0.15	0.02	0.00	0.52	1.32								
1295	0.49	0.35	2.63	0.63	0.02	0.00	0.70	4.82								
1300	0.17	0.12	0.00	0.15	0.00	0.00	0.24	0.68								
1305	0.29	0.20	0.00	0.10	0.00	0.00	0.41	1.00								
1315	0.71	0.51	9.24	2.96	0.02	0.00	1.01	14.45								
1320	0.82	0.59	10.09	3.23	0.02	0.00	1.16	15.91								
1325	0.35	0.25	0.00	0.00	0.00	0.00	0.50	1.10								

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
1335	0.63	0.44	0.00	0.00	0.00	0.00	0.74	1.81	0.79	0.45	0.00	0.00	0.00	0.00	1.04	2.28
1340	0.73	0.51	0.00	0.00	0.00	0.00	0.86	2.10	0.92	0.52	0.00	0.00	0.00	0.00	1.22	2.66
1345	1.08	0.75	0.00	0.00	0.00	0.00	1.27	3.10	1.35	0.77	0.00	0.00	0.00	0.00	1.79	3.91
1350	1.22	0.85	0.00	0.00	0.00	0.00	1.44	3.51	1.53	0.87	0.00	0.00	0.00	0.00	2.02	4.42
1355	1.59	1.11	0.00	0.00	0.00	0.00	1.87	4.57	1.99	1.13	0.00	0.00	0.00	0.00	2.63	5.75
1360	1.69	1.17	0.00	0.00	0.00	0.00	1.98	4.84	2.11	1.20	0.00	0.00	0.00	0.00	2.79	6.10
1365	1.73	1.20	0.00	0.00	0.00	0.00	2.03	4.96	2.16	1.22	0.00	0.00	0.00	0.00	2.86	6.24
1370	1.90	1.32	0.00	0.00	0.00	0.00	2.24	5.46	2.37	1.35	0.00	0.00	0.00	0.00	3.14	6.86
1375	2.05	1.43	0.00	0.00	0.00	0.00	2.42	5.90	2.57	1.46	0.00	0.00	0.00	0.00	3.40	7.43
1380	2.22	1.55	0.00	0.00	0.00	0.00	2.62	6.39	2.78	1.58	0.00	0.00	0.00	0.00	3.68	8.04
1385	2.40	1.67	0.00	0.00	0.00	0.00	2.83	6.90	3.00	1.70	0.00	0.00	0.00	0.00	3.97	8.67
1390	2.49	1.73	0.00	0.00	0.00	0.00	2.92	7.14	3.11	1.76	0.00	0.00	0.00	0.00	4.11	8.98
1395	2.69	1.87	0.00	0.00	0.00	0.00	3.16	7.72	3.36	1.91	0.00	0.00	0.00	0.00	4.45	9.72
1400	2.77	1.92	0.00	0.00	0.00	0.00	3.26	7.95	3.46	1.96	0.00	0.00	0.00	0.00	4.58	10.00
1405	2.87	2.00	0.00	0.00	0.00	0.00	3.38	8.25	3.59	2.04	0.00	0.00	0.00	0.00	4.75	10.38
1415	0.66	0.46	0.00	0.00	0.00	0.00	0.77	1.89	0.82	0.47	0.00	0.00	0.00	0.00	1.09	2.38
1420	0.89	0.62	0.00	0.00	0.00	0.00	1.05	2.56	1.11	0.63	0.00	0.00	0.00	0.00	1.47	3.21
1425	1.30	0.90	0.00	0.00	0.00	0.00	1.52	3.72	1.62	0.92	0.00	0.00	0.00	0.00	2.14	4.68
1430	1.40	0.97	0.00	0.00	0.00	0.00	1.64	4.01	1.75	0.99	0.00	0.00	0.00	0.00	2.31	5.05
1435	1.78	1.23	0.00	0.00	0.00	0.00	2.09	5.10	2.22	1.26	0.00	0.00	0.00	0.00	2.94	6.42
1440	1.94	1.35	0.00	0.00	0.00	0.00	2.29	5.58	2.43	1.38	0.00	0.00	0.00	0.00	3.21	7.02
1445	2.10	1.46	0.00	0.00	0.00	0.00	2.47	6.03	2.62	1.49	0.00	0.00	0.00	0.00	3.47	7.58
1450	2.25	1.56	0.00	0.00	0.00	0.00	2.65	6.46	2.82	1.60	0.00	0.00	0.00	0.00	3.73	8.15
1455	2.42	1.68	0.00	0.00	0.00	0.00	2.84	6.94	3.02	1.71	0.00	0.00	0.00	0.00	4.00	8.73
1460	2.66	1.85	0.00	0.00	0.00	0.00	3.13	7.64	3.33	1.89	0.00	0.00	0.00	0.00	4.40	9.62
1465	2.81	1.95	0.00	0.00	0.00	0.00	3.30	8.06	3.51	1.99	0.00	0.00	0.00	0.00	4.64	10.14
1470	2.97	2.06	0.00	0.00	0.00	0.00	3.49	8.52	3.71	2.11	0.00	0.00	0.00	0.00	4.91	10.73
1475	3.10	2.15	0.00	0.00	0.00	0.00	3.64	8.89	3.87	2.20	0.00	0.00	0.00	0.00	5.12	11.19
1480	3.22	2.24	0.00	0.00	0.00	0.00	3.79	9.25	4.03	2.29	0.00	0.00	0.00	0.00	5.33	11.65
1485	3.35	2.33	0.00	0.00	0.00	0.00	3.94	9.62	4.19	2.38	0.00	0.00	0.00	0.00	5.55	12.12
1495	1.00	0.69	0.00	0.00	0.00	0.00	1.18	2.87	1.25	0.71	0.00	0.00	0.00	0.00	1.65	3.61
1500	1.02	0.71	0.00	0.00	0.00	0.00	1.20	2.93	1.27	0.72	0.00	0.00	0.00	0.00	1.69	3.68
1505	1.51	1.05	0.00	0.00	0.00	0.00	1.78	4.34	1.89	1.07	0.00	0.00	0.00	0.00	2.50	5.46
1510	1.83	1.27	0.00	0.00	0.00	0.00	2.15	5.25	2.29	1.30	0.00	0.00	0.00	0.00	3.03	6.62
1515	2.04	1.42	0.00	0.00	0.00	0.00	2.40	5.86	2.55	1.45	0.00	0.00	0.00	0.00	3.38	7.38
1520	2.22	1.54	0.00	0.00	0.00	0.00	2.61	6.37	2.77	1.57	0.00	0.00	0.00	0.00	3.67	8.01
1525	2.33	1.62	0.00	0.00	0.00	0.00	2.74	6.69	2.92	1.65	0.00	0.00	0.00	0.00	3.86	8.43
1530	2.47	1.72	0.00	0.00	0.00	0.00	2.91	7.10	3.09	1.75	0.00	0.00	0.00	0.00	4.09	8.93
1535	2.59	1.80	0.00	0.00	0.00	0.00	3.04	7.43	3.24	1.84	0.00	0.00	0.00	0.00	4.28	9.36
1540	2.78	1.93	0.00	0.00	0.00	0.00	3.27	7.98	3.47	1.97	0.00	0.00	0.00	0.00	4.59	10.03
1545	2.94	2.04	0.00	0.00	0.00	0.00	3.46	8.44	3.67	2.08	0.00	0.00	0.00	0.00	4.86	10.61
1550	3.09	2.15	0.00	0.00	0.00	0.00	3.63	8.87	3.86	2.19	0.00	0.00	0.00	0.00	5.11	11.16
1555	3.35	2.32	0.00	0.00	0.00	0.00	3.94	9.61	4.18	2.37	0.00	0.00	0.00	0.00	5.54	12.09
1560	3.45	2.39	0.00	0.00	0.00	0.00	4.06	9.90	4.31	2.44	0.00	0.00	0.00	0.00	5.70	12.45
1565	3.60	2.50	0.00	0.00	0.00	0.00	4.24	10.34	4.50	2.55	0.00	0.00	0.00	0.00	5.96	13.01
1575	0.09	0.07	0.00	0.00	0.00	0.00	0.11	0.27								
1580	0.12	0.08	0.00	0.00	0.00	0.00	0.14	0.34								
1585	0.15	0.11	0.00	0.00	0.00	0.00	0.18	0.44								
1590	0.22	0.15	0.00	0.00	0.00	0.00	0.26	0.63								
1595	0.28	0.19	0.00	0.00	0.00	0.00	0.33	0.80								
1605	0.41	0.29	0.00	0.00	0.00	0.00	0.48	1.18								
1610	0.43	0.30	0.00	0.00	0.00	0.00	0.50	1.23								
1615	0.45	0.31	0.00	0.00	0.00	0.00	0.52	1.28								
1620	0.58	0.41	0.00	0.00	0.00	0.00	0.69	1.68								
1625	0.61	0.42	0.00	0.00	0.00	0.00	0.71	1.74								

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
1630	0.88	0.61	0.00	0.00	0.00	0.00	1.03	2.52								
1635	1.05	0.73	0.00	0.00	0.00	0.00	1.23	3.01								
1645	0.47	0.33	0.00	0.00	0.00	0.00	0.55	1.35								
1650	0.53	0.37	0.00	0.00	0.00	0.00	0.63	1.53								
1655	0.61	0.42	0.00	0.00	0.00	0.00	0.72	1.75								
1660	0.68	0.47	0.00	0.00	0.00	0.00	0.80	1.95								
1665	0.79	0.55	0.00	0.00	0.00	0.00	0.93	2.27								
1680	0.21	0.15	0.00	0.00	0.00	0.00	0.25	0.61	0.26	0.15	0.00	0.00	0.00	0.00	0.35	0.76
1685	0.25	0.17	0.00	0.00	0.00	0.00	0.29	0.71	0.31	0.18	0.00	0.00	0.00	0.00	0.41	0.90
1690	0.31	0.21	0.00	0.00	0.00	0.00	0.36	0.88	0.38	0.22	0.00	0.00	0.00	0.00	0.51	1.11
1695	0.36	0.25	0.00	0.00	0.00	0.00	0.43	1.04	0.45	0.26	0.00	0.00	0.00	0.00	0.60	1.31
1700	0.42	0.29	0.00	0.00	0.00	0.00	0.50	1.21	0.53	0.30	0.00	0.00	0.00	0.00	0.70	1.53
1705	0.52	0.36	0.00	0.00	0.00	0.00	0.62	1.50	0.65	0.37	0.00	0.00	0.00	0.00	0.87	1.89
1710	0.58	0.40	0.00	0.00	0.00	0.00	0.68	1.66	0.72	0.41	0.00	0.00	0.00	0.00	0.96	2.09
1715	0.71	0.49	0.00	0.00	0.00	0.00	0.83	2.03	0.88	0.50	0.00	0.00	0.00	0.00	1.17	2.55
1720	0.75	0.52	0.00	0.00	0.00	0.00	0.88	2.15	0.94	0.53	0.00	0.00	0.00	0.00	1.24	2.71
1725	0.90	0.63	0.00	0.00	0.00	0.00	1.06	2.59	1.13	0.64	0.00	0.00	0.00	0.00	1.49	3.26
1730	0.98	0.68	0.00	0.00	0.00	0.00	1.15	2.81	1.22	0.69	0.00	0.00	0.00	0.00	1.62	3.53
1735	1.07	0.74	0.00	0.00	0.00	0.00	1.26	3.07	1.34	0.76	0.00	0.00	0.00	0.00	1.77	3.87
1740	1.19	0.82	0.00	0.00	0.00	0.00	1.40	3.41	1.48	0.84	0.00	0.00	0.00	0.00	1.96	4.28
1745	1.37	0.95	0.00	0.00	0.00	0.00	1.61	3.93	1.71	0.97	0.00	0.00	0.00	0.00	2.27	4.95
1750	1.49	1.04	0.00	0.00	0.00	0.00	1.75	4.28	1.86	1.06	0.00	0.00	0.00	0.00	2.47	5.39
1755	1.83	1.27	0.00	0.00	0.00	0.00	2.16	5.26	2.29	1.30	0.00	0.00	0.00	0.00	3.03	6.62
1760	2.11	1.46	0.00	0.00	0.00	0.00	2.48	6.05	2.63	1.49	0.00	0.00	0.00	0.00	3.48	7.60
1770	0.25	0.17	0.00	0.00	0.00	0.00	0.29	0.71	0.31	0.17	0.00	0.00	0.00	0.00	0.41	0.89
1775	0.30	0.21	0.00	0.00	0.00	0.00	0.36	0.87	0.38	0.21	0.00	0.00	0.00	0.00	0.50	1.09
1780	0.37	0.26	0.00	0.00	0.00	0.00	0.44	1.07	0.47	0.26	0.00	0.00	0.00	0.00	0.62	1.35
1785	0.44	0.31	0.00	0.00	0.00	0.00	0.52	1.27	0.56	0.32	0.00	0.00	0.00	0.00	0.74	1.62
1790	0.51	0.36	0.00	0.00	0.00	0.00	0.60	1.47	0.64	0.36	0.00	0.00	0.00	0.00	0.85	1.85
1795	0.61	0.43	0.00	0.00	0.00	0.00	0.72	1.76	0.77	0.43	0.00	0.00	0.00	0.00	1.01	2.21
1800	0.68	0.47	0.00	0.00	0.00	0.00	0.80	1.95	0.85	0.48	0.00	0.00	0.00	0.00	1.12	2.45
1805	0.81	0.56	0.00	0.00	0.00	0.00	0.96	2.33	1.02	0.58	0.00	0.00	0.00	0.00	1.34	2.94
1810	0.87	0.60	0.00	0.00	0.00	0.00	1.02	2.49	1.09	0.62	0.00	0.00	0.00	0.00	1.44	3.15
1815	1.11	0.77	0.00	0.00	0.00	0.00	1.31	3.19	1.39	0.79	0.00	0.00	0.00	0.00	1.84	4.02
1820	1.15	0.80	0.00	0.00	0.00	0.00	1.35	3.30	1.44	0.82	0.00	0.00	0.00	0.00	1.90	4.16
1825	1.31	0.91	0.00	0.00	0.00	0.00	1.55	3.77	1.64	0.93	0.00	0.00	0.00	0.00	2.17	4.74
1830	1.45	1.01	0.00	0.00	0.00	0.00	1.70	4.16	1.81	1.03	0.00	0.00	0.00	0.00	2.39	5.23
1835	1.73	1.20	0.00	0.00	0.00	0.00	2.04	4.97	2.17	1.23	0.00	0.00	0.00	0.00	2.87	6.27
1840	1.84	1.28	0.00	0.00	0.00	0.00	2.17	5.29	2.31	1.31	0.00	0.00	0.00	0.00	3.05	6.67
1845	2.35	1.63	0.00	0.00	0.00	0.00	2.77	6.75	2.94	1.67	0.00	0.00	0.00	0.00	3.89	8.50
1850	2.62	1.82	0.00	0.00	0.00	0.00	3.08	7.52	3.27	1.86	0.00	0.00	0.00	0.00	4.33	9.46
1860	0.98	0.68	0.00	0.00	0.00	0.00	1.16	2.82	1.23	0.70	0.00	0.00	0.00	0.00	1.63	3.56
1865	1.02	0.71	0.00	0.00	0.00	0.00	1.20	2.93	1.28	0.73	0.00	0.00	0.00	0.00	1.69	3.70
1870	1.15	0.80	0.00	0.00	0.00	0.00	1.35	3.30	1.43	0.81	0.00	0.00	0.00	0.00	1.89	4.13
1875	1.53	1.06	0.00	0.00	0.00	0.00	1.80	4.39	1.91	1.09	0.00	0.00	0.00	0.00	2.53	5.53
1880	1.71	1.19	0.00	0.00	0.00	0.00	2.01	4.91	2.14	1.21	0.00	0.00	0.00	0.00	2.83	6.18
1885	1.77	1.23	0.00	0.00	0.00	0.00	2.08	5.08	2.21	1.25	0.00	0.00	0.00	0.00	2.93	6.39
1890	1.89	1.32	0.00	0.00	0.00	0.00	2.23	5.44	2.37	1.34	0.00	0.00	0.00	0.00	3.13	6.84
1895	2.41	1.67	0.00	0.00	0.00	0.00	2.83	6.91	3.01	1.71	0.00	0.00	0.00	0.00	3.98	8.70
1900	2.48	1.72	0.00	0.00	0.00	0.00	2.91	7.11	3.10	1.76	0.00	0.00	0.00	0.00	4.10	8.96
1905	3.15	2.19	0.00	0.00	0.00	0.00	3.70	9.04	3.94	2.23	0.00	0.00	0.00	0.00	5.21	11.38
1910	3.26	2.27	0.00	0.00	0.00	0.00	3.84	9.37	4.08	2.31	0.00	0.00	0.00	0.00	5.40	11.79
1915	3.88	2.69	0.00	0.00	0.00	0.00	4.56	11.13	4.85	2.75	0.00	0.00	0.00	0.00	6.42	14.02
1920	4.15	2.88	0.00	0.00	0.00	0.00	4.88	11.91	5.18	2.94	0.00	0.00	0.00	0.00	6.86	14.98
1930	0.21	0.09	0.36	0.09	0.00	0.00	0.26	1.01								

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
1935	0.16	0.07	0.36	0.09	0.00	0.00	0.21	0.89								
1940	0.22	0.09	0.61	0.15	0.00	0.00	0.28	1.35								
1945	0.29	0.12	0.61	0.15	0.00	0.00	0.36	1.53								
1950	0.37	0.16	0.73	0.17	0.00	0.00	0.47	1.90								
1955	0.14	0.06	0.36	0.09	0.00	0.00	0.18	0.83								
1960	0.23	0.10	0.85	0.20	0.00	0.00	0.29	1.67								
1965	0.42	0.18	1.09	0.26	0.00	0.00	0.53	2.48								
1970	0.45	0.19	0.41	0.10	0.00	0.00	0.56	1.71								
1975	0.72	0.30	0.58	0.14	0.00	0.00	0.91	2.65								
1980	1.47	0.62	0.58	0.14	0.00	0.00	1.86	4.67								
1985	1.42	0.60	0.47	0.11	0.00	0.00	1.79	4.39								
1990	1.60	0.67	0.47	0.11	0.00	0.00	2.02	4.87								
2000	0.17	0.12	0.76	0.24	0.00	0.00	0.22	1.51								
2010	9.48	6.61	5.94	1.66	0.00	0.00	12.67	36.36								
2015	17.02	11.86	8.69	2.43	0.00	0.00	22.75	62.75								
2020	29.93	20.86	10.45	2.93	0.00	0.00	40.01	104.18								
2030	1.75	1.23	4.39	1.40	0.05	0.01	2.34	11.17								
2035	8.12	5.66	4.18	1.17	0.00	0.00	10.86	29.99								
2045	0.78	0.56	0.00	0.17	0.00	0.00	0.99	2.50								
2050	1.44	1.02	0.00	0.17	0.00	0.00	1.81	4.44								
2055	2.06	1.46	0.00	0.17	0.00	0.00	2.59	6.28								
2065	4.57	2.65	7.88	2.21	0.00	0.00	6.48	23.79								
2070	7.32	4.25	14.78	4.14	0.00	0.00	10.39	40.88								
2075	3.32	1.93	0.00	0.23	0.00	0.00	4.72	10.20								
2085	9.15	7.61	3.07	0.55	0.00	0.00	9.74	30.12	10.98	7.71	3.89	0.70	0.00	0.00	13.36	36.64
2090	10.52	10.79	4.26	0.77	0.00	0.00	12.81	39.15	12.14	10.88	5.39	0.97	0.00	0.00	16.63	46.01
2095	10.49	10.75	3.41	0.61	0.00	0.00	9.58	34.84	12.10	10.85	4.40	0.79	0.00	0.00	11.97	40.11
2105	11.06	11.34	3.41	0.61	0.00	0.00	10.10	36.52	12.76	11.44	4.40	0.79	0.00	0.00	12.63	42.02
2115	12.02	12.32	3.41	0.61	0.00	0.00	10.98	39.34	13.87	12.43	4.40	0.79	0.00	0.00	13.72	45.21
2125	14.06	14.41	6.76	1.22	0.00	0.00	17.12	53.57	16.23	14.54	8.57	1.54	0.00	0.00	22.23	63.11
2130	13.85	14.20	5.41	0.97	0.00	0.00	12.65	47.08	15.98	14.32	6.99	1.26	0.00	0.00	15.81	54.36
2140	12.49	15.21	5.41	0.97	0.00	0.00	13.30	47.38	14.05	15.30	6.99	1.26	0.00	0.00	16.03	53.63
2150	16.07	19.58	5.41	0.97	0.00	0.00	17.12	59.15	18.08	19.69	6.99	1.26	0.00	0.00	20.64	66.66
2160	21.02	25.60	7.63	1.37	0.00	0.00	22.39	78.01	23.64	25.75	9.85	1.77	0.00	0.00	26.99	88.00
2170	22.26	27.11	7.63	1.37	0.00	0.00	23.71	82.08	25.04	27.27	9.85	1.77	0.00	0.00	28.58	92.51
2175	21.30	25.95	9.54	1.72	0.00	0.00	29.18	87.69	23.96	26.10	12.08	2.17	0.00	0.00	36.47	100.78
2185	24.39	29.72	7.63	1.37	0.00	0.00	25.99	89.10	27.44	29.89	9.85	1.77	0.00	0.00	31.33	100.28
2195	23.11	31.12	7.63	1.37	0.00	0.00	28.13	91.36	25.67	31.27	9.85	1.77	0.00	0.00	33.21	101.77
2205	27.06	36.44	7.63	1.37	0.00	0.00	32.94	105.44	30.06	36.62	9.85	1.77	0.00	0.00	38.89	117.19
2220	10.53	8.75	3.79	0.68	0.00	0.00	11.22	34.97	12.63	8.88	4.81	0.87	0.00	0.00	15.38	42.57
2225	8.34	8.55	3.04	0.55	0.00	0.00	7.62	28.10	9.63	8.62	3.92	0.71	0.00	0.00	9.52	32.40
2235	13.83	12.39	5.54	1.00	0.00	0.00	18.95	51.71	16.35	12.54	7.29	1.31	0.00	0.00	24.88	62.37
2240	11.49	11.77	4.75	0.86	0.00	0.00	13.99	42.86	13.26	11.88	6.02	1.08	0.00	0.00	18.16	50.40
2245	11.32	11.60	3.80	0.68	0.00	0.00	10.34	37.74	13.06	11.71	4.91	0.88	0.00	0.00	12.92	43.48
2255	19.40	17.38	6.85	1.23	0.00	0.00	26.57	71.43	22.92	17.59	9.01	1.62	0.00	0.00	34.89	86.03
2260	15.86	16.26	5.87	1.06	0.00	0.00	19.31	58.36	18.30	16.40	7.44	1.34	0.00	0.00	25.07	68.55
2270	22.36	24.36	7.89	1.42	0.00	0.00	34.03	90.06	25.55	24.54	10.37	1.87	0.00	0.00	42.78	105.11
2275	21.43	23.34	7.89	1.42	0.00	0.00	32.61	86.69	24.49	23.52	10.37	1.87	0.00	0.00	41.00	101.25
2280	18.08	22.02	6.76	1.22	0.00	0.00	24.76	72.84	20.34	22.15	8.57	1.54	0.00	0.00	30.95	83.55
2285	17.69	21.55	5.41	0.97	0.00	0.00	18.85	64.47	19.90	21.68	6.99	1.26	0.00	0.00	22.72	72.55
2295	20.34	27.39	6.42	1.15	0.00	0.00	24.76	80.06	22.60	27.53	8.29	1.49	0.00	0.00	29.23	89.14
2300	21.28	25.92	8.02	1.44	0.00	0.00	29.15	85.81	23.94	26.08	10.16	1.83	0.00	0.00	36.44	98.45
2310	25.42	27.69	9.47	1.70	0.00	0.00	38.68	102.96	29.05	27.90	12.45	2.24	0.00	0.00	48.63	120.27
2315	24.09	26.24	9.47	1.70	0.00	0.00	36.66	98.16	27.53	26.44	12.45	2.24	0.00	0.00	46.09	114.75
2320	20.27	24.70	8.12	1.46	0.00	0.00	27.77	82.32	22.81	24.84	10.28	1.85	0.00	0.00	34.71	94.49

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
2330	31.70	38.62	14.05	2.53	0.00	0.00	53.07	139.97	35.66	38.85	18.47	3.32	0.00	0.00	65.13	161.43
2335	24.20	32.60	12.04	2.17	0.00	0.00	36.83	107.84	26.89	32.76	15.26	2.75	0.00	0.00	45.02	122.68
2350	8.67	8.89	3.12	0.56	0.00	0.00	7.92	29.16	10.00	8.96	4.02	0.72	0.00	0.00	9.90	33.60
2360	12.46	12.77	4.36	0.78	0.00	0.00	11.37	41.74	14.37	12.88	5.63	1.01	0.00	0.00	14.22	48.11
2370	14.93	20.10	5.49	0.99	0.00	0.00	18.17	59.68	16.58	20.20	7.09	1.28	0.00	0.00	21.45	66.60
2380	21.77	29.33	6.07	1.09	0.00	0.00	26.51	84.77	24.19	29.47	7.84	1.41	0.00	0.00	31.30	94.21
2395	16.78	20.45	11.02	1.98	0.00	0.00	22.99	73.22	18.88	20.57	13.96	2.51	0.00	0.00	28.74	84.66
2400	17.21	20.96	8.82	1.59	0.00	0.00	18.33	66.91	19.36	21.09	11.39	2.05	0.00	0.00	22.10	75.99
2410	20.16	24.55	11.02	1.98	0.00	0.00	27.61	85.32	22.68	24.70	13.96	2.51	0.00	0.00	34.51	98.36
2415	20.53	25.01	8.82	1.59	0.00	0.00	21.88	77.83	23.10	25.16	11.39	2.05	0.00	0.00	26.37	88.07
2425	28.60	34.83	11.38	2.05	0.00	0.00	39.17	116.03	32.17	35.04	14.42	2.60	0.00	0.00	48.96	133.19
2430	26.19	35.28	9.11	1.64	0.00	0.00	31.89	104.11	29.10	35.45	11.76	2.12	0.00	0.00	37.64	116.07
2440	37.59	50.63	18.08	3.26	0.00	0.00	45.76	155.32	41.76	50.87	23.36	4.20	0.00	0.00	54.03	174.22
2445	38.87	52.35	22.60	4.07	0.00	0.00	59.16	177.05	43.19	52.61	28.63	5.15	0.00	0.00	72.30	201.88
2460	7.79	6.48	4.88	0.88	0.00	0.00	8.30	28.33	9.35	6.57	6.19	1.11	0.00	0.00	11.39	34.61
2465	7.13	6.39	3.91	0.70	0.00	0.00	5.43	23.56	8.43	6.47	5.05	0.91	0.00	0.00	7.06	27.92
2475	10.80	8.98	4.88	0.88	0.00	0.00	11.51	37.05	12.96	9.11	6.19	1.11	0.00	0.00	15.78	45.15
2480	9.82	8.80	3.91	0.70	0.00	0.00	7.47	30.70	11.60	8.90	5.05	0.91	0.00	0.00	9.71	36.17
2490	11.07	11.34	8.68	1.56	0.00	0.00	13.48	46.13	12.77	11.44	10.99	1.98	0.00	0.00	17.49	54.67
2495	10.99	11.27	6.94	1.25	0.00	0.00	10.04	40.49	12.68	11.37	8.97	1.61	0.00	0.00	12.55	47.18
2505	22.09	19.79	10.13	1.82	0.00	0.00	30.25	84.08	26.10	20.03	13.31	2.40	0.00	0.00	39.73	101.57
2510	16.75	17.17	8.68	1.56	0.00	0.00	20.40	64.56	19.33	17.32	10.99	1.98	0.00	0.00	26.48	76.10
2515	16.11	16.51	6.94	1.25	0.00	0.00	14.71	55.52	18.59	16.66	8.97	1.61	0.00	0.00	18.39	64.22
2525	16.86	20.53	8.68	1.56	0.00	0.00	23.09	70.72	18.96	20.66	10.99	1.98	0.00	0.00	28.86	81.45
2530	16.44	20.03	6.94	1.25	0.00	0.00	17.51	62.17	18.49	20.15	8.97	1.61	0.00	0.00	21.11	70.33
2540	29.90	32.57	13.78	2.48	0.00	0.00	45.51	124.24	34.17	32.82	18.11	3.26	0.00	0.00	57.21	145.57
2545	23.60	28.75	11.81	2.13	0.00	0.00	32.32	98.61	26.55	28.92	14.96	2.69	0.00	0.00	40.41	113.53
2550	24.25	29.54	9.45	1.70	0.00	0.00	25.83	90.77	27.28	29.71	12.21	2.20	0.00	0.00	31.14	102.54
2560	31.36	38.19	16.55	2.98	0.00	0.00	52.49	141.57	35.27	38.42	21.76	3.92	0.00	0.00	64.42	163.79
2565	22.53	30.35	14.19	2.55	0.00	0.00	34.30	103.92	25.04	30.50	17.97	3.24	0.00	0.00	41.92	118.67
2570	26.28	32.01	11.35	2.04	0.00	0.00	28.00	99.68	29.56	32.20	14.66	2.64	0.00	0.00	33.75	112.81
2585	11.29	11.57	5.21	0.94	0.00	0.00	13.75	42.76	13.03	11.68	6.60	1.19	0.00	0.00	17.85	50.35
2590	10.94	11.21	4.17	0.75	0.00	0.00	9.99	37.06	12.62	11.31	5.39	0.97	0.00	0.00	12.48	42.77
2600	12.54	12.85	5.21	0.94	0.00	0.00	15.26	46.80	14.47	12.96	6.60	1.19	0.00	0.00	19.81	55.03
2605	12.22	12.52	4.17	0.75	0.00	0.00	11.16	40.82	14.10	12.63	5.39	0.97	0.00	0.00	13.95	47.04
2615	14.71	15.07	6.53	1.18	0.00	0.00	17.91	55.40	16.97	15.21	8.28	1.49	0.00	0.00	23.25	65.20
2620	12.52	15.25	5.23	0.94	0.00	0.00	13.34	47.28	14.09	15.34	6.75	1.22	0.00	0.00	16.08	53.48
2635	3.70	4.78	4.68	1.31	0.68	0.10	4.33	19.58								
2640	4.07	5.22	4.81	1.35	0.68	0.10	4.75	20.98								
2645	4.51	5.91	4.81	1.35	1.07	0.16	5.29	23.10								
2650	4.95	6.47	4.81	1.35	1.10	0.16	5.81	24.65								
2655	6.47	8.41	6.52	1.83	0.97	0.14	7.58	31.92								
2660	8.93	11.75	7.11	1.99	2.25	0.34	10.50	42.87								
2670	4.16	5.26	5.02	1.40	0.44	0.07	4.84	21.19								
2675	4.49	5.66	5.02	1.40	0.44	0.07	5.22	22.30								
2680	4.81	6.05	5.02	1.40	0.44	0.07	5.59	23.38								
2690	4.43	5.59	5.02	1.40	0.44	0.07	5.15	22.10								
2695	5.08	6.52	5.02	1.40	0.82	0.12	5.93	24.89								
2700	7.47	9.81	7.86	2.20	1.83	0.27	8.77	38.21								
2705	10.75	13.98	7.86	2.20	2.25	0.34	12.59	49.97								
2715	7.17	8.95	7.00	1.82	0.67	0.10	6.58	32.29	8.07	9.01	8.97	2.33	0.79	0.12	8.03	37.32
2720	12.68	15.74	10.01	2.60	0.92	0.14	11.63	53.72	14.26	15.84	12.90	3.35	1.08	0.16	14.17	61.76
2730	8.19	8.55	7.19	1.87	0.47	0.07	6.26	32.60	9.45	8.62	9.46	2.46	0.55	0.08	7.94	38.56
2735	7.83	9.83	8.49	2.21	0.90	0.13	7.20	36.59	8.81	9.89	11.16	2.90	1.06	0.16	8.78	42.76
2740	10.00	12.47	8.90	2.31	0.88	0.13	9.18	43.87	11.25	12.55	11.71	3.05	1.04	0.16	11.19	50.95

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
2745	12.71	17.84	10.19	2.65	2.22	0.33	13.67	59.61	14.12	17.93	13.11	3.41	2.64	0.40	16.28	67.89
2755	6.88	8.56	9.03	2.35	0.56	0.08	6.31	33.77	7.74	8.61	11.88	3.09	0.66	0.10	7.69	39.77
2760	8.06	10.03	9.03	2.35	0.64	0.10	7.40	37.61	9.07	10.09	11.88	3.09	0.76	0.11	9.01	44.01
2765	9.83	12.23	10.20	2.65	0.78	0.12	9.02	44.83	11.06	12.30	13.42	3.49	0.92	0.14	10.99	52.32
2775	8.15	8.51	8.78	2.28	0.48	0.07	6.23	34.50	9.41	8.59	11.55	3.00	0.57	0.09	7.91	41.12
2780	9.10	11.36	10.20	2.65	0.85	0.13	8.36	42.65	10.24	11.43	13.42	3.49	1.01	0.15	10.18	49.92
2785	9.97	12.42	10.20	2.65	0.85	0.13	9.15	45.37	11.21	12.50	13.42	3.49	1.01	0.15	11.15	52.93
2790	13.00	18.24	15.26	3.97	2.22	0.33	13.99	67.01	14.45	18.33	20.07	5.22	2.64	0.40	16.65	77.76
2800	11.56	16.05	6.58	1.71	1.48	0.22	12.40	50.00	12.84	16.12	8.39	2.18	1.76	0.26	14.76	56.31
2805	16.13	22.38	11.09	2.88	2.02	0.30	17.30	72.10	17.92	22.49	14.20	3.69	2.41	0.36	20.60	81.67
2815	12.31	15.48	6.66	1.73	1.48	0.22	11.32	49.20	13.85	15.57	8.50	2.21	1.76	0.26	13.80	55.95
2820	13.89	21.05	9.26	2.41	1.81	0.27	17.02	65.71	15.28	21.13	11.84	3.08	1.98	0.30	19.89	73.50
2825	16.68	25.28	9.51	2.47	2.19	0.33	20.44	76.90	18.35	25.38	12.17	3.16	2.41	0.36	23.89	85.72
2835	12.07	15.19	6.64	1.73	1.48	0.22	11.11	48.44	13.58	15.28	8.46	2.20	1.76	0.26	13.54	55.08
2840	13.06	18.08	8.43	2.19	1.48	0.22	14.00	57.46	14.51	18.16	10.77	2.80	1.76	0.26	16.67	64.93
2845	16.07	22.19	11.35	2.95	1.66	0.25	17.22	71.69	17.86	22.29	14.62	3.80	1.98	0.30	20.50	81.35
2850	20.03	30.33	13.00	3.38	2.52	0.38	24.53	94.17	22.03	30.45	16.70	4.34	2.77	0.42	28.67	105.38
2860	9.13	9.55	4.88	1.27	0.61	0.09	6.98	32.51	10.53	9.64	6.21	1.62	0.74	0.11	8.86	37.71
2865	8.53	10.62	5.53	1.44	0.73	0.11	7.83	34.79	9.59	10.69	7.05	1.83	0.87	0.13	9.54	39.70
2870	9.04	11.32	5.73	1.49	0.94	0.14	8.31	36.97	10.17	11.39	7.27	1.89	1.12	0.17	10.12	42.13
2875	12.56	15.78	7.40	1.92	1.48	0.22	11.55	50.91	14.13	15.88	9.47	2.46	1.76	0.26	14.08	58.04
2880	12.12	16.81	7.54	1.96	1.48	0.22	13.00	53.13	13.47	16.89	9.64	2.51	1.76	0.26	15.48	60.01
2885	13.99	19.51	9.29	2.42	2.02	0.30	15.03	62.56	15.55	19.60	11.84	3.08	2.41	0.36	17.89	70.73
2890	17.61	26.65	11.38	2.96	2.19	0.33	21.57	82.69	19.37	26.75	14.59	3.79	2.41	0.36	25.20	92.47
2895	35.19	52.93	18.52	4.82	3.31	0.50	43.04	158.31	38.71	53.14	23.87	6.21	3.64	0.55	50.30	176.42
2905	4.46	3.23	0.00	0.27	0.00	0.00	6.69	14.65								
2910	4.09	2.97	0.00	0.40	0.00	0.00	6.13	13.59								
2915	4.66	3.38	0.00	0.54	0.00	0.00	6.99	15.57								
2920	5.49	3.99	0.00	0.54	0.00	0.00	8.24	18.26								
2925	6.10	4.43	0.00	0.67	0.00	0.00	9.16	20.36								
2935	4.78	3.47	0.00	0.38	0.00	0.00	7.17	15.80								
2940	5.21	3.78	0.00	0.51	0.00	0.00	7.82	17.32								
2945	5.92	4.29	0.00	0.81	0.00	0.00	8.88	19.90								
2955	4.38	3.18	0.00	0.44	0.00	0.00	6.57	14.57								
2960	4.97	3.61	0.00	0.44	0.00	0.00	7.46	16.48								
2965	6.08	4.41	0.00	0.66	0.00	0.00	9.12	20.27								
2975	1.04	0.75	0.00	0.25	0.00	0.00	1.55	3.59								
2980	0.69	0.50	0.00	0.25	0.00	0.00	1.03	2.47								
2985	0.10	0.07	0.00	0.20	0.00	0.00	0.15	0.52								
2995	1.62	1.17	2.27	0.55	0.00	0.00	2.43	8.04								
3000	1.13	0.82	1.03	0.25	0.00	0.00	1.69	4.92								
3010	0.97	0.71	1.94	0.31	0.00	0.00	1.46	5.39								
3015	1.50	1.09	2.53	0.61	0.00	0.00	2.25	7.98								
3025	1.02	0.74	1.29	0.21	0.00	0.00	1.53	4.79								
3030	1.55	1.13	3.34	0.53	0.00	0.00	2.33	8.88								
3035	1.85	1.34	2.07	0.50	0.00	0.00	2.77	8.53								
3040	2.13	1.54	2.79	0.67	0.00	0.00	3.19	10.32								
3045	2.55	1.85	3.10	0.74	0.00	0.00	3.83	12.07								
3055	12.48	13.45	15.72	3.77	1.04	0.16	18.81	65.43								
3065	10.79	11.62	11.63	2.79	0.88	0.13	16.25	54.09								
3070	18.20	19.68	16.80	4.03	1.81	0.27	27.45	88.24								
3075	19.36	20.92	17.32	4.16	1.81	0.27	29.19	93.03								
3080	22.99	24.86	18.09	4.34	2.26	0.34	34.67	107.55								
3085	20.28	21.49	25.85	6.20	0.00	0.00	30.43	104.25								
3090	25.16	35.04	32.20	16.10	0.00	0.00	18.87	127.37								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
3095	31.41	43.75	33.60	16.80	0.00	0.00	23.56	149.12								
3100	35.67	49.68	61.60	30.80	0.00	0.00	26.76	204.51								
3110	1.60	1.17	5.53	1.33	0.12	0.02	2.28	12.05								
3115	1.81	1.33	7.02	1.69	0.13	0.02	2.59	14.59								
3120	2.78	2.03	10.18	2.44	0.15	0.02	3.97	21.57								
3125	3.83	2.84	11.15	2.68	0.40	0.06	5.49	26.45								
3130	4.39	3.25	11.15	2.68	0.40	0.06	6.29	28.22								
3135	4.54	3.38	11.15	2.68	0.48	0.07	6.51	28.81								
3140	5.10	3.77	11.15	2.68	0.47	0.07	7.30	30.54								
3145	9.81	7.27	16.68	4.00	0.96	0.14	14.06	52.92								
3160	1.01	0.95	5.39	1.29	0.00	0.00	1.65	10.29	1.12	0.96	7.09	1.70	0.00	0.00	2.06	12.93
3165	1.18	1.12	8.36	2.01	0.00	0.00	1.94	14.61	1.32	1.13	11.00	2.64	0.00	0.00	2.43	18.52
3170	1.35	1.28	9.20	2.21	0.00	0.00	2.21	16.25	1.50	1.29	12.10	2.90	0.00	0.00	2.77	20.56
3175	1.43	1.36	10.87	2.61	0.00	0.00	2.34	18.61	1.59	1.37	14.30	3.43	0.00	0.00	2.93	23.62
3180	1.62	1.54	12.33	2.96	0.00	0.00	2.66	21.11	1.80	1.55	16.22	3.89	0.00	0.00	3.32	26.78
3185	1.90	1.80	13.79	3.31	0.00	0.00	3.11	23.91	2.11	1.81	18.15	4.36	0.00	0.00	3.88	30.31
3190	2.06	1.95	16.30	3.91	0.00	0.00	3.37	27.59	2.29	1.96	21.45	5.15	0.00	0.00	4.21	35.06
3195	3.65	3.46	17.76	4.26	0.00	0.00	5.98	35.11	4.05	3.48	23.37	5.61	0.00	0.00	7.47	43.98
3200	2.84	2.70	18.39	4.41	0.00	0.00	4.66	33.00	3.16	2.72	24.20	5.81	0.00	0.00	5.83	41.72
3205	3.31	3.14	26.12	6.27	0.00	0.00	5.42	44.26	3.68	3.16	34.37	8.25	0.00	0.00	6.78	56.24
3210	5.06	4.80	30.51	7.32	0.00	0.00	8.29	55.98	5.62	4.83	40.15	9.64	0.00	0.00	10.36	70.60
3215	7.48	7.09	33.86	8.13	0.00	0.00	12.26	68.82	8.31	7.14	44.55	10.69	0.00	0.00	15.32	86.01
3220	9.73	9.22	48.28	11.59	0.00	0.00	15.94	94.76	10.81	9.28	63.52	15.25	0.00	0.00	19.92	118.78
3235	0.37	0.35	1.13	0.27	0.00	0.00	0.60	2.72	0.41	0.35	1.48	0.36	0.00	0.00	0.75	3.35
3240	0.55	0.52	2.63	0.63	0.00	0.00	0.89	5.22	0.61	0.52	3.46	0.83	0.00	0.00	1.12	6.54
3245	0.72	0.68	3.64	0.87	0.00	0.00	1.18	7.09	0.80	0.69	4.78	1.15	0.00	0.00	1.48	8.90
3250	0.83	0.79	4.26	1.02	0.00	0.00	1.36	8.26	0.92	0.79	5.61	1.35	0.00	0.00	1.70	10.37
3255	0.99	0.93	6.77	1.63	0.00	0.00	1.62	11.94	1.10	0.94	8.91	2.14	0.00	0.00	2.02	15.11
3260	1.03	0.98	6.77	1.63	0.00	0.00	1.69	12.10	1.15	0.99	8.91	2.14	0.00	0.00	2.12	15.31
3265	1.20	1.13	8.78	2.11	0.00	0.00	1.96	15.18	1.33	1.14	11.55	2.77	0.00	0.00	2.45	19.24
3270	1.42	1.34	11.54	2.77	0.00	0.00	2.32	19.39	1.57	1.35	15.18	3.64	0.00	0.00	2.90	24.64
3280	5.31	5.19	5.62	1.63	0.48	0.07	6.45	24.75	6.38	5.25	7.39	2.14	0.83	0.12	8.29	30.40
3285	5.75	5.63	5.62	1.63	0.57	0.08	6.99	26.27	6.90	5.70	7.39	2.14	0.99	0.15	8.98	32.25
3290	5.66	5.51	7.20	2.09	0.48	0.07	6.86	27.87	6.79	5.58	9.46	2.74	0.83	0.12	8.82	34.34
3295	6.06	5.94	7.20	2.09	0.62	0.09	7.36	29.36	7.28	6.01	9.46	2.74	1.08	0.16	9.47	36.20
3305	4.65	4.57	4.81	1.40	0.48	0.07	5.65	21.63	5.58	4.62	6.32	1.83	0.79	0.12	7.27	26.53
3310	5.21	5.10	5.20	1.51	0.48	0.07	6.33	23.90	6.26	5.16	6.83	1.98	0.79	0.12	8.14	29.28
3315	5.67	5.56	5.20	1.51	0.53	0.08	6.89	25.44	6.81	5.62	6.83	1.98	0.87	0.13	8.86	31.10
3320	5.71	5.62	5.77	1.67	0.61	0.09	6.95	26.42	6.86	5.69	7.59	2.20	1.01	0.15	8.93	32.43
3325	7.84	7.90	6.93	2.01	1.44	0.22	9.60	35.94	9.41	7.99	9.11	2.64	2.39	0.36	12.35	44.25
3330	11.23	11.40	9.62	2.79	2.38	0.36	13.78	51.56	13.47	11.54	12.65	3.67	3.94	0.59	17.72	63.58
3340	2.44	2.37	2.62	0.76	0.16	0.02	2.96	11.33	2.93	2.40	3.44	1.00	0.27	0.04	3.81	13.89
3345	4.62	4.55	5.20	1.51	0.53	0.08	5.61	22.10	5.54	4.60	6.83	1.98	0.87	0.13	7.22	27.17
3350	4.95	4.86	5.20	1.51	0.53	0.08	6.01	23.14	5.94	4.92	6.83	1.98	0.87	0.13	7.73	28.40
3355	5.32	5.24	6.16	1.79	0.61	0.09	6.47	25.68	6.38	5.31	8.10	2.35	1.01	0.15	8.32	31.62
3365	2.25	2.19	5.52	0.88	0.16	0.02	2.73	13.75	2.70	2.22	7.14	1.14	0.27	0.04	3.51	17.02
3370	4.60	4.52	5.77	1.67	0.48	0.07	5.59	22.70	5.52	4.57	7.59	2.20	0.79	0.12	7.18	27.97
3375	5.58	5.49	7.70	2.23	0.61	0.09	6.79	28.49	6.70	5.56	10.12	2.93	1.01	0.15	8.72	35.19
3385	4.76	4.68	5.20	1.51	0.48	0.07	5.79	22.49	5.72	4.73	6.83	1.98	0.79	0.12	7.44	27.61
3390	4.86	4.80	6.16	1.79	0.61	0.09	5.91	24.22	5.83	4.86	8.10	2.35	1.01	0.15	7.60	29.90
3395	5.69	5.61	7.74	2.24	0.67	0.10	6.92	28.97	6.82	5.68	10.17	2.95	1.10	0.17	8.90	35.79
3405	4.30	3.06	4.18	1.00	0.00	0.00	6.10	18.64								
3410	5.81	4.13	4.18	1.00	0.00	0.00	8.24	23.36								
3415	8.93	6.35	5.43	1.30	0.00	0.00	12.67	34.68								
3420	10.61	7.55	6.27	1.50	0.00	0.00	15.05	40.98								

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
3430	0.47	0.33	0.00	0.20	0.00	0.00	0.66	1.66								
3440	9.81	8.79	7.12	1.28	0.00	0.00	13.44	40.44	11.60	8.90	9.36	1.68	0.00	0.00	17.65	49.19
3445	12.85	11.51	9.62	1.73	0.00	0.00	17.60	53.31	15.19	11.65	12.65	2.28	0.00	0.00	23.11	64.88
3450	17.78	19.37	16.17	2.91	0.00	0.00	27.06	83.29	20.32	19.52	21.25	3.83	0.00	0.00	34.02	98.94
3460	10.31	7.91	6.78	1.22	0.00	0.00	12.55	38.77	12.60	8.04	8.91	1.60	0.00	0.00	17.26	48.41
3465	11.94	10.69	7.89	1.42	0.00	0.00	16.35	48.29	14.11	10.82	10.37	1.87	0.00	0.00	21.47	58.64
3470	15.11	13.54	9.55	1.72	0.00	0.00	20.70	60.62	17.86	13.70	12.55	2.26	0.00	0.00	27.18	73.55
3480	7.25	5.56	3.27	0.59	0.00	0.00	8.83	25.50	8.86	5.66	4.30	0.77	0.00	0.00	12.14	31.73
3485	9.51	7.30	4.81	0.87	0.00	0.00	11.58	34.07	11.63	7.42	6.32	1.14	0.00	0.00	15.92	42.43
3490	13.71	12.29	7.51	1.35	0.00	0.00	18.78	53.64	16.21	12.43	9.87	1.78	0.00	0.00	24.67	64.96
3495	20.85	18.68	12.51	2.25	0.00	0.00	28.56	82.85	24.64	18.90	16.44	2.96	0.00	0.00	37.50	100.44
3505	6.76	5.18	6.04	1.09	0.00	0.00	8.23	27.30	8.26	5.27	7.94	1.43	0.00	0.00	11.31	34.21
3510	7.28	6.52	7.31	1.32	0.00	0.00	9.97	32.40	8.60	6.60	9.61	1.73	0.00	0.00	13.09	39.63
3520	8.86	6.80	4.43	0.80	0.00	0.00	10.78	31.67	10.83	6.91	5.82	1.05	0.00	0.00	14.83	39.44
3525	11.02	8.45	6.16	1.11	0.00	0.00	13.41	40.15	13.46	8.59	8.10	1.46	0.00	0.00	18.44	50.05
3530	12.48	11.18	10.47	1.88	0.00	0.00	17.09	53.10	14.75	11.31	13.76	2.48	0.00	0.00	22.44	64.74
3540	7.19	6.44	6.16	1.11	0.00	0.00	9.85	30.75	8.50	6.52	8.10	1.46	0.00	0.00	12.94	37.52
3545	10.46	9.37	9.05	1.63	0.00	0.00	14.32	44.83	12.36	9.48	11.89	2.14	0.00	0.00	18.81	54.68
3550	10.21	11.12	11.86	2.13	0.00	0.00	15.54	50.86	11.67	11.21	15.58	2.81	0.00	0.00	19.54	60.81
3555	22.13	24.11	23.72	4.27	0.00	0.00	33.68	107.91	25.29	24.29	31.17	5.61	0.00	0.00	42.34	128.70
3565	11.65	10.44	9.24	1.66	0.00	0.00	15.96	48.95	13.77	10.57	12.14	2.19	0.00	0.00	20.96	59.63
3570	14.08	12.62	11.16	2.01	0.00	0.00	19.29	59.16	16.65	12.77	14.67	2.64	0.00	0.00	25.33	72.06
3575	14.80	16.13	15.01	2.70	0.00	0.00	22.53	71.17	16.92	16.25	19.73	3.55	0.00	0.00	28.33	84.78
3585	19.52	17.49	12.51	2.25	0.00	0.00	26.74	78.51	23.07	17.70	16.44	2.96	0.00	0.00	35.12	95.29
3590	24.52	21.97	14.63	2.63	0.00	0.00	33.59	97.34	28.98	22.23	19.23	3.46	0.00	0.00	44.10	118.00
3595	33.17	36.14	29.26	5.27	0.00	0.00	50.49	154.33	37.91	36.41	38.46	6.92	0.00	0.00	63.47	183.17
3605	6.49	4.98	4.04	0.73	0.00	0.00	7.90	24.14	7.93	5.06	5.31	0.96	0.00	0.00	10.87	30.13
3610	9.04	6.93	7.31	1.32	0.00	0.00	11.00	35.60	11.05	7.05	9.61	1.73	0.00	0.00	15.13	44.57
3620	5.39	4.13	4.16	0.75	0.00	0.00	6.56	20.99	6.58	4.20	5.46	0.98	0.00	0.00	9.02	26.24
3625	8.19	6.28	5.51	0.99	0.00	0.00	9.97	30.94	10.01	6.39	7.24	1.30	0.00	0.00	13.71	38.65
3635	7.70	5.90	5.85	1.05	0.00	0.00	9.37	29.87	9.41	6.00	7.69	1.38	0.00	0.00	12.88	37.36
3640	11.20	10.03	8.78	1.58	0.00	0.00	15.34	46.93	13.23	10.15	11.54	2.08	0.00	0.00	20.14	57.14
3645	13.84	12.40	11.70	2.11	0.00	0.00	18.95	59.00	16.35	12.55	15.38	2.77	0.00	0.00	24.89	71.94
3655	7.74	8.10	7.20	1.97	0.52	0.08	5.92	31.53	8.93	8.17	9.44	2.58	0.63	0.09	7.51	37.35
3660	8.53	8.99	8.25	2.15	0.75	0.11	6.54	35.32	9.85	9.07	10.62	2.76	0.92	0.14	8.30	41.66
3665	9.30	11.71	13.07	3.40	1.15	0.17	8.56	47.36	10.46	11.78	16.94	4.40	1.38	0.21	10.43	55.60
3675	1.23	0.87	0.00	0.09	0.00	0.00	1.53	3.72	1.54	0.89	0.00	0.09	0.00	0.00	2.16	4.68
3680	1.76	1.24	0.00	0.11	0.00	0.00	2.19	5.30	2.20	1.27	0.00	0.11	0.00	0.00	3.07	6.65
3685	2.28	1.62	0.00	0.14	0.00	0.00	2.84	6.88	2.85	1.65	0.00	0.14	0.00	0.00	3.99	8.63
3690	1.10	0.78	0.00	0.19	0.00	0.00	1.37	3.44	1.38	0.80	0.00	0.19	0.00	0.00	1.93	4.30
3700	0.72	0.65	0.68	0.16	0.00	0.00	1.07	3.28								
3710	0.65	0.59	0.74	0.18	0.00	0.00	0.97	3.13								
3720	1.50	1.47	1.17	0.33	0.71	0.11	2.59	7.88	1.87	1.50	1.54	0.43	1.11	0.17	3.60	10.22
3730	0.30	0.27	0.00	0.00	0.00	0.00	0.51	1.08	0.38	0.28	0.00	0.00	0.00	0.00	0.70	1.36
3735	0.44	0.40	0.00	0.00	0.00	0.00	0.74	1.58	0.55	0.40	0.00	0.00	0.00	0.00	1.02	1.97
3740	0.07	0.06	0.00	0.00	0.00	0.00	0.11	0.24	0.08	0.06	0.00	0.00	0.00	0.00	0.16	0.30
3745	0.35	0.32	0.00	0.00	0.00	0.00	0.59	1.26	0.44	0.32	0.00	0.00	0.00	0.00	0.82	1.58
3750	0.30	0.27	0.00	0.00	0.00	0.00	0.50	1.07	0.37	0.28	0.00	0.00	0.00	0.00	0.70	1.35
3755	0.36	0.32	0.00	0.00	0.00	0.00	0.60	1.28	0.45	0.33	0.00	0.00	0.00	0.00	0.83	1.61
3760	0.46	0.42	0.00	0.00	0.00	0.00	0.78	1.66	0.58	0.43	0.00	0.00	0.00	0.00	1.08	2.09
3765	0.05	0.05	0.00	0.00	0.00	0.00	0.09	0.19	0.07	0.05	0.00	0.00	0.00	0.00	0.12	0.24
3770	1.67	1.65	1.76	0.49	0.87	0.13	2.90	9.47	2.09	1.68	2.31	0.65	1.36	0.20	4.03	12.32
3780	0.37	0.34	0.00	0.00	0.00	0.00	0.63	1.34	0.47	0.34	0.00	0.00	0.00	0.00	0.87	1.68
3785	0.46	0.42	0.00	0.00	0.00	0.00	0.77	1.65	0.57	0.42	0.00	0.00	0.00	0.00	1.07	2.06
3790	0.07	0.06	0.00	0.00	0.00	0.00	0.11	0.24	0.08	0.06	0.00	0.00	0.00	0.00	0.16	0.30

TABLE 3-5 HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
3795	0.35	0.32	0.00	0.00	0.00	0.00	0.59	1.26	0.44	0.32	0.00	0.00	0.00	0.00	0.82	1.58
3800	0.34	0.30	0.00	0.00	0.00	0.00	0.56	1.20	0.42	0.31	0.00	0.00	0.00	0.00	0.78	1.51
3805	0.41	0.38	0.00	0.00	0.00	0.00	0.70	1.49	0.52	0.38	0.00	0.00	0.00	0.00	0.97	1.87
3810	0.53	0.48	0.00	0.00	0.00	0.00	0.88	1.89	0.66	0.48	0.00	0.00	0.00	0.00	1.22	2.36
3815	0.05	0.05	0.00	0.00	0.00	0.00	0.09	0.19	0.07	0.05	0.00	0.00	0.00	0.00	0.12	0.24
3820	1.89	1.89	2.34	0.66	1.16	0.17	3.29	11.40	2.36	1.92	3.08	0.86	1.81	0.27	4.57	14.87
3830	0.40	0.36	0.00	0.00	0.00	0.00	0.67	1.43	0.50	0.37	0.00	0.00	0.00	0.00	0.94	1.81
3835	0.49	0.44	0.00	0.00	0.00	0.00	0.82	1.75	0.61	0.45	0.00	0.00	0.00	0.00	1.13	2.19
3840	0.07	0.06	0.00	0.00	0.00	0.00	0.11	0.24	0.08	0.06	0.00	0.00	0.00	0.00	0.16	0.30
3845	0.35	0.32	0.00	0.00	0.00	0.00	0.59	1.26	0.44	0.32	0.00	0.00	0.00	0.00	0.82	1.58
3850	0.38	0.34	0.00	0.00	0.00	0.00	0.64	1.36	0.48	0.35	0.00	0.00	0.00	0.00	0.89	1.72
3855	0.50	0.45	0.00	0.00	0.00	0.00	0.83	1.78	0.62	0.46	0.00	0.00	0.00	0.00	1.16	2.24
3860	0.66	0.60	0.00	0.00	0.00	0.00	1.11	2.37	0.83	0.61	0.00	0.00	0.00	0.00	1.54	2.98
3865	0.05	0.05	0.00	0.00	0.00	0.00	0.09	0.19	0.07	0.05	0.00	0.00	0.00	0.00	0.12	0.24
3870	2.28	2.31	3.51	0.98	1.60	0.24	3.99	14.91	2.85	2.35	4.62	1.29	2.52	0.38	5.54	19.55
3880	0.43	0.39	0.00	0.00	0.00	0.00	0.72	1.54	0.54	0.39	0.00	0.00	0.00	0.00	1.00	1.93
3885	0.56	0.51	0.00	0.00	0.00	0.00	0.94	2.01	0.70	0.51	0.00	0.00	0.00	0.00	1.30	2.51
3890	0.07	0.06	0.00	0.00	0.00	0.00	0.11	0.24	0.08	0.06	0.00	0.00	0.00	0.00	0.16	0.30
3895	0.35	0.32	0.00	0.00	0.00	0.00	0.59	1.26	0.44	0.32	0.00	0.00	0.00	0.00	0.82	1.58
3900	0.47	0.43	0.00	0.00	0.00	0.00	0.80	1.70	0.59	0.44	0.00	0.00	0.00	0.00	1.11	2.14
3905	0.61	0.55	0.00	0.00	0.00	0.00	1.03	2.19	0.77	0.56	0.00	0.00	0.00	0.00	1.43	2.76
3910	0.83	0.75	0.00	0.00	0.00	0.00	1.39	2.97	1.03	0.76	0.00	0.00	0.00	0.00	1.92	3.71
3915	0.05	0.05	0.00	0.00	0.00	0.00	0.09	0.19	0.07	0.05	0.00	0.00	0.00	0.00	0.12	0.24
3920	4.14	4.05	5.22	1.46	1.88	0.28	7.15	24.18	5.18	4.11	6.87	1.92	2.93	0.44	9.93	31.38
3930	0.62	0.56	0.00	0.00	0.00	0.00	1.04	2.22	0.78	0.57	0.00	0.00	0.00	0.00	1.45	2.80
3935	0.07	0.06	0.00	0.00	0.00	0.00	0.11	0.24	0.08	0.06	0.00	0.00	0.00	0.00	0.16	0.30
3940	0.39	0.35	0.00	0.00	0.00	0.00	0.66	1.40	0.49	0.36	0.00	0.00	0.00	0.00	0.91	1.76
3945	0.54	0.49	0.00	0.00	0.00	0.00	0.90	1.93	0.67	0.49	0.00	0.00	0.00	0.00	1.26	2.42
3950	0.74	0.67	0.00	0.00	0.00	0.00	1.25	2.66	0.93	0.68	0.00	0.00	0.00	0.00	1.73	3.34
3955	0.97	0.88	0.00	0.00	0.00	0.00	1.63	3.48	1.22	0.90	0.00	0.00	0.00	0.00	2.27	4.39
3960	0.05	0.05	0.00	0.00	0.00	0.00	0.09	0.19	0.07	0.05	0.00	0.00	0.00	0.00	0.12	0.24
3965	7.16	7.17	5.22	1.46	4.61	0.69	12.47	38.78	8.95	7.29	6.87	1.92	7.26	1.09	17.32	50.70
3970	7.99	7.98	7.73	2.17	5.03	0.75	13.90	45.55	9.99	8.10	10.17	2.85	7.96	1.19	19.31	59.57
3975	8.02	8.24	7.73	2.17	6.95	1.04	14.11	48.26	10.02	8.37	10.17	2.85	11.07	1.66	19.59	63.73
3980	9.23	9.49	12.12	3.39	8.21	1.23	16.24	59.91	11.54	9.65	15.95	4.47	13.12	1.97	22.56	79.26
3990	9.02	8.85	7.73	2.17	4.61	0.69	15.59	48.66	11.27	9.00	10.17	2.85	7.26	1.09	21.66	63.30
3995	9.52	9.36	7.73	2.17	5.03	0.75	16.46	51.02	11.89	9.51	10.17	2.85	7.96	1.19	22.87	66.44
4000	10.66	10.63	12.12	3.39	6.95	1.04	18.54	63.33	13.33	10.80	15.95	4.47	11.07	1.66	25.75	83.03
4005	11.72	11.75	12.12	3.39	8.21	1.23	20.43	68.85	14.65	11.94	15.95	4.47	13.12	1.97	28.37	90.47
4015	0.60	0.54	0.00	0.00	0.00	0.00	1.00	2.14	0.74	0.55	0.00	0.00	0.00	0.00	1.39	2.68
4020	0.79	0.72	0.00	0.00	0.00	0.00	1.33	2.84	0.99	0.73	0.00	0.00	0.00	0.00	1.84	3.56
4025	1.07	0.97	0.00	0.00	0.00	0.00	1.80	3.84	1.34	0.98	0.00	0.00	0.00	0.00	2.49	4.81
4030	1.23	1.11	0.00	0.00	0.00	0.00	2.06	4.40	1.53	1.13	0.00	0.00	0.00	0.00	2.86	5.52
4040	2.21	1.78	1.76	0.67	0.00	0.00	4.23	10.65	2.76	1.81	2.32	0.88	0.00	0.00	5.77	13.54
4045	3.01	2.42	2.39	0.91	0.00	0.00	5.75	14.48	3.76	2.47	3.15	1.20	0.00	0.00	7.85	18.43
4050	4.00	3.22	3.25	1.23	0.00	0.00	7.65	19.35	5.00	3.28	4.28	1.63	0.00	0.00	10.43	24.62
4055	5.20	4.19	4.74	1.80	0.00	0.00	9.95	25.88	6.50	4.27	6.24	2.37	0.00	0.00	13.57	32.95
4065	2.75	2.22	2.93	1.11	0.00	0.00	5.27	14.28	3.44	2.26	3.86	1.47	0.00	0.00	7.18	18.21
4070	4.08	3.29	3.61	1.37	0.00	0.00	7.81	20.16	5.10	3.35	4.75	1.81	0.00	0.00	10.65	25.66
4075	4.80	3.87	4.28	1.63	0.00	0.00	9.18	23.76	6.00	3.94	5.64	2.14	0.00	0.00	12.52	30.24
4080	6.48	5.22	5.86	2.23	0.00	0.00	12.40	32.19	8.10	5.32	7.72	2.93	0.00	0.00	16.91	40.98
4085	9.64	7.77	8.57	3.26	0.00	0.00	18.45	47.69	12.05	7.91	11.29	4.29	0.00	0.00	25.16	60.70
4090	14.89	12.00	12.40	4.71	0.00	0.00	28.49	72.49	18.61	12.22	16.33	6.21	0.00	0.00	38.85	92.22
4100	3.94	3.18	3.92	1.49	0.00	0.00	7.54	20.07	4.93	3.23	5.17	1.96	0.00	0.00	10.28	25.57
4105	5.04	4.06	5.50	2.09	0.00	0.00	9.64	26.33	6.30	4.13	7.25	2.75	0.00	0.00	13.14	33.57

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
4110	6.62	5.34	6.76	2.57	0.00	0.00	12.67	33.96	8.28	5.43	8.91	3.39	0.00	0.00	17.28	43.29
4115	9.53	7.68	10.06	3.82	0.00	0.00	18.24	49.33	11.91	7.82	13.25	5.03	0.00	0.00	24.87	62.88
4125	3.03	2.45	2.93	1.11	0.00	0.00	5.81	15.33	3.79	2.49	3.86	1.47	0.00	0.00	7.92	19.53
4130	3.60	2.90	3.52	1.34	0.00	0.00	6.88	18.24	4.50	2.95	4.63	1.76	0.00	0.00	9.38	23.22
4135	5.70	4.59	6.04	2.30	0.00	0.00	10.90	29.53	7.12	4.68	7.96	3.02	0.00	0.00	14.87	37.65
4140	8.18	6.59	8.57	3.26	0.00	0.00	15.65	42.25	10.22	6.71	11.29	4.29	0.00	0.00	21.34	53.85
4150	2.41	1.94	1.89	0.72	0.00	0.00	4.61	11.57	3.01	1.98	2.49	0.95	0.00	0.00	6.29	14.72
4155	3.16	2.55	2.93	1.11	0.00	0.00	6.05	15.80	3.95	2.60	3.86	1.47	0.00	0.00	8.25	20.13
4165	2.68	2.16	2.84	1.08	0.00	0.00	5.13	13.89	3.35	2.20	3.74	1.42	0.00	0.00	6.99	17.70
4170	4.67	3.76	4.96	1.89	0.00	0.00	8.93	24.21	5.83	3.83	6.53	2.48	0.00	0.00	12.18	30.85
4175	5.67	4.57	6.09	2.31	0.00	0.00	10.86	29.50	7.09	4.66	8.02	3.05	0.00	0.00	14.81	37.63
4180	10.82	8.72	9.02	3.43	0.00	0.00	20.70	52.69	13.52	8.88	11.88	4.51	0.00	0.00	28.23	67.02
4185	16.05	12.93	15.78	6.00	0.00	0.00	30.71	81.47	20.06	13.17	20.79	7.90	0.00	0.00	41.87	103.79
4195	0.36	0.32	1.40	0.45	0.09	0.01	0.49	3.12	0.45	0.32	1.83	0.59	0.18	0.03	0.65	4.05
4200	0.46	0.40	0.54	0.22	0.09	0.01	0.61	2.33	0.57	0.40	0.71	0.29	0.18	0.03	0.82	3.00
4205	0.53	0.47	2.02	0.65	0.15	0.02	0.71	4.55	0.66	0.48	2.63	0.84	0.32	0.05	0.96	5.94
4210	0.64	0.56	0.79	0.32	0.15	0.02	0.86	3.34	0.80	0.57	1.04	0.42	0.32	0.05	1.15	4.35
4215	0.67	0.57	2.63	0.84	0.10	0.01	0.89	5.71	0.83	0.58	3.43	1.10	0.21	0.03	1.19	7.37
4220	0.64	0.55	2.63	0.84	0.10	0.01	0.85	5.62	0.80	0.56	3.43	1.10	0.21	0.03	1.14	7.27
4225	0.77	0.66	1.17	0.47	0.10	0.01	1.03	4.21	0.96	0.67	1.54	0.62	0.21	0.03	1.38	5.41
4230	0.69	0.59	2.81	0.90	0.10	0.01	0.92	6.02	0.86	0.60	3.66	1.17	0.21	0.03	1.23	7.76
4235	0.82	0.70	2.98	0.96	0.10	0.01	1.10	6.67	1.03	0.72	3.89	1.24	0.21	0.03	1.47	8.59
4240	0.90	0.77	1.50	0.60	0.10	0.01	1.19	5.07	1.12	0.78	1.98	0.79	0.21	0.03	1.60	6.51
4245	1.07	0.93	1.76	0.70	0.19	0.03	1.43	6.11	1.34	0.95	2.31	0.92	0.41	0.06	1.92	7.91
4250	1.16	1.00	2.26	0.90	0.19	0.03	1.54	7.08	1.45	1.02	2.97	1.19	0.41	0.06	2.07	9.17
4255	1.98	1.77	3.26	1.30	0.65	0.10	2.67	11.73	2.48	1.80	4.29	1.72	1.38	0.21	3.58	15.46
4265	3.46	3.02	3.47	1.39	0.70	0.11	4.63	16.78	4.33	3.07	4.56	1.83	1.48	0.22	6.21	21.70
4270	4.28	3.71	4.31	1.72	0.74	0.11	5.72	20.59	5.35	3.77	5.66	2.27	1.56	0.23	7.66	26.50
4275	5.92	5.13	5.52	2.21	1.08	0.16	7.91	27.93	7.40	5.22	7.26	2.90	2.28	0.34	10.59	35.99
4280	6.93	6.15	7.73	3.09	2.05	0.31	9.33	35.59	8.67	6.26	10.17	4.07	4.32	0.65	12.50	46.64
4290	2.80	2.49	2.72	1.09	0.88	0.13	3.77	13.88	3.50	2.54	3.57	1.43	1.85	0.28	5.05	18.22
4295	3.69	3.24	3.34	1.34	0.88	0.13	4.95	17.57	4.61	3.29	4.40	1.76	1.85	0.28	6.63	22.82
4300	4.30	3.78	4.18	1.67	1.08	0.16	5.77	20.94	5.37	3.85	5.50	2.20	2.28	0.34	7.72	27.26
4305	5.90	5.27	5.43	2.17	1.95	0.29	7.96	28.97	7.38	5.36	7.15	2.86	4.11	0.62	10.66	38.14
4310	7.72	7.00	7.11	2.84	3.13	0.47	10.47	38.74	9.65	7.12	9.35	3.74	6.59	0.99	14.02	51.46
4315	10.09	9.73	10.87	3.26	6.22	0.93	14.31	55.41	12.10	9.86	14.30	4.29	13.10	1.97	18.24	73.86
4320	14.55	14.48	15.67	4.70	8.45	1.27	20.82	79.94	17.46	14.67	20.62	6.19	17.80	2.67	26.54	105.95
4325	28.81	29.50	28.84	8.65	20.67	3.10	41.55	161.12	34.57	29.90	37.95	11.38	43.51	6.53	52.98	216.82
4335	3.15	2.78	3.43	1.37	0.88	0.13	4.23	15.97	3.93	2.83	4.51	1.80	1.85	0.28	5.67	20.87
4340	3.64	3.19	4.47	1.79	0.88	0.13	4.88	18.98	4.55	3.25	5.88	2.35	1.85	0.28	6.54	24.70
4345	4.09	3.60	5.06	2.02	1.08	0.16	5.49	21.50	5.11	3.66	6.65	2.66	2.28	0.34	7.35	28.05
4350	5.59	5.06	5.94	2.37	2.24	0.34	7.58	29.12	6.99	5.15	7.81	3.12	4.72	0.71	10.15	38.65
4355	7.86	7.23	8.86	3.54	3.78	0.57	10.71	42.55	9.83	7.36	11.66	4.66	7.95	1.19	14.34	56.99
4360	8.83	8.63	11.41	3.42	6.22	0.93	12.57	52.01	10.59	8.75	15.01	4.50	13.10	1.97	16.02	69.94
4365	12.00	11.84	15.05	4.51	6.54	0.98	17.12	68.04	14.39	12.00	19.80	5.94	13.78	2.07	21.83	89.81
4370	24.64	24.91	26.42	7.93	16.15	2.42	35.40	137.87	29.57	25.24	34.76	10.43	34.00	5.10	45.14	184.24
4380	2.88	2.59	3.34	1.34	1.08	0.16	3.89	15.28	3.60	2.64	4.40	1.76	2.28	0.34	5.21	20.23
4385	3.85	3.40	4.26	1.71	1.08	0.16	5.17	19.63	4.81	3.46	5.61	2.24	2.28	0.34	6.92	25.66
4390	4.26	3.75	4.51	1.81	1.08	0.16	5.72	21.29	5.32	3.81	5.94	2.38	2.28	0.34	7.66	27.73
4395	5.57	5.04	6.31	2.52	2.24	0.34	7.54	29.56	6.96	5.13	8.30	3.32	4.72	0.71	10.10	39.24
4400	8.38	7.41	8.44	3.38	2.36	0.35	11.27	41.59	10.48	7.54	11.11	4.44	4.96	0.74	15.09	54.36
4405	10.96	10.94	14.00	4.20	6.54	0.98	15.69	63.31	13.15	11.09	18.42	5.53	13.78	2.07	20.01	84.05
4415	2.56	2.33	3.34	1.34	1.08	0.16	3.48	14.29	3.20	2.37	4.40	1.76	2.28	0.34	4.66	19.01
4420	3.12	2.84	4.18	1.67	1.32	0.20	4.24	17.57	3.90	2.89	5.50	2.20	2.77	0.42	5.67	23.35
4425	3.64	3.24	5.02	2.01	1.14	0.17	4.91	20.13	4.55	3.30	6.60	2.64	2.40	0.36	6.57	26.42

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR.	TOTAL RATE
4430	4.75	4.48	6.48	1.94	2.24	0.34	6.70	26.93	5.70	4.54	8.52	2.56	4.72	0.71	8.54	35.29
4435	6.26	6.00	7.90	2.37	3.60	0.54	8.87	35.54	7.52	6.08	10.39	3.12	7.58	1.14	11.31	47.14
4440	8.95	8.74	11.70	3.51	6.22	0.93	12.74	52.79	10.74	8.86	15.40	4.62	13.10	1.97	16.24	70.93
4445	13.54	12.74	17.35	5.20	6.22	0.93	19.07	75.05	16.25	12.91	22.82	6.85	13.10	1.97	24.32	98.22
4450	22.81	23.16	24.66	7.40	15.39	2.31	32.82	128.55	27.38	23.47	32.45	9.73	32.40	4.86	41.85	172.14
4460	5.38	4.83	6.69	2.68	1.95	0.29	7.27	29.09	6.72	4.92	8.80	3.52	4.11	0.62	9.74	38.43
4465	7.45	6.99	9.66	2.90	3.28	0.49	10.49	41.26	8.95	7.08	12.70	3.81	6.92	1.04	13.38	53.88
4470	9.51	9.23	12.83	3.85	6.22	0.93	13.51	56.08	11.41	9.35	16.88	5.07	13.10	1.97	17.23	75.01
4475	13.43	13.09	16.22	4.87	6.54	0.98	19.10	74.23	16.11	13.26	21.34	6.40	13.78	2.07	24.35	97.31
4480	19.41	18.94	18.14	5.44	9.56	1.43	27.61	100.53	23.29	19.19	23.87	7.16	20.13	3.02	35.21	131.87
4490	3.34	2.95	3.55	1.42	0.88	0.13	4.49	16.76	4.18	3.00	4.67	1.87	1.85	0.28	6.01	21.86
4495	3.86	3.41	10.27	3.29	1.08	0.16	5.18	27.25	4.82	3.47	13.38	4.28	2.28	0.34	6.94	35.51
4500	5.32	4.78	6.90	2.76	1.95	0.29	7.19	29.19	6.65	4.87	9.07	3.63	4.11	0.62	9.63	38.58
4505	6.65	6.10	7.61	3.04	3.13	0.47	9.05	36.05	8.31	6.21	10.01	4.00	6.59	0.99	12.13	48.24
4510	6.67	6.31	9.61	2.88	3.28	0.49	9.41	38.65	8.00	6.39	12.65	3.79	6.92	1.04	11.99	50.78
4515	9.03	8.81	12.04	3.61	6.22	0.93	12.85	53.49	10.83	8.93	15.84	4.75	13.10	1.97	16.38	71.80
4520	12.42	12.21	16.72	5.02	6.54	0.98	17.71	71.60	14.91	12.38	22.00	6.60	13.78	2.07	22.58	94.32
4530	2.31	1.98	2.30	0.64	0.26	0.04	3.52	11.05	2.89	2.02	3.02	0.85	0.52	0.08	4.67	14.05
4535	3.54	3.04	3.34	0.94	0.41	0.06	5.39	16.72	4.43	3.09	4.40	1.23	0.82	0.12	7.16	21.25
4545	2.32	2.02	2.59	0.73	0.45	0.07	3.55	11.73	2.91	2.06	3.41	0.95	0.92	0.14	4.72	15.11
4550	3.57	3.11	3.34	0.94	0.66	0.10	5.46	17.18	4.47	3.16	4.40	1.23	1.30	0.20	7.26	22.02
4560	3.01	2.43	1.76	0.67	0.00	0.00	5.77	13.64	3.77	2.47	2.32	0.88	0.00	0.00	7.86	17.30
4565	3.81	3.07	2.39	0.91	0.00	0.00	7.29	17.47	4.76	3.12	3.15	1.20	0.00	0.00	9.94	22.17
4575	3.54	2.86	2.93	1.11	0.00	0.00	6.78	17.22	4.43	2.91	3.86	1.47	0.00	0.00	9.25	21.92
4585	1.39	0.62	0.00	0.11	0.00	0.00	1.97	4.09								
4590	1.31	0.59	0.00	0.11	0.00	0.00	1.86	3.87								
4600	1.48	0.67	0.00	0.20	0.00	0.00	2.10	4.45								
4605	2.23	1.00	0.00	0.27	0.00	0.00	3.16	6.66								
4615	1.75	0.79	0.00	0.22	0.00	0.00	2.48	5.24								
4620	2.36	1.06	0.00	0.40	0.00	0.00	3.35	7.17								
4625	2.77	1.25	0.00	0.63	0.00	0.00	3.93	8.58								
4635	3.83	1.72	0.00	0.05	0.00	0.00	5.44	11.04								
4640	3.98	1.79	0.00	0.05	0.00	0.00	5.64	11.46								
4645	6.85	3.09	0.00	0.05	0.00	0.00	9.72	19.71								
4650	7.28	3.28	0.00	0.05	0.00	0.00	10.33	20.94								
4660	3.81	1.71	0.00	0.34	0.00	0.00	5.40	11.26								
4665	4.36	1.96	0.00	0.40	0.00	0.00	6.19	12.91								
4670	5.01	2.26	0.00	0.48	0.00	0.00	7.12	14.87								
4675	5.49	2.47	0.00	0.59	0.00	0.00	7.79	16.34								
4680	6.14	2.77	0.00	0.51	0.00	0.00	8.72	18.14								
4685	7.34	3.31	0.00	0.76	0.00	0.00	10.42	21.83								
4690	8.73	3.93	0.00	0.76	0.00	0.00	12.39	25.81								
4695	10.30	4.64	0.00	0.92	0.00	0.00	14.61	30.47								
4700	17.20	7.74	0.00	1.01	0.00	0.00	24.41	50.36								
4710	2.80	1.26	0.00	0.40	0.00	0.00	3.97	8.43								
4715	3.32	1.49	0.00	0.52	0.00	0.00	4.71	10.04								
4720	4.52	2.03	0.00	0.52	0.00	0.00	6.41	13.48								
4725	1.16	0.52	0.00	0.20	0.00	0.00	1.65	3.53								
4730	1.46	0.66	0.00	0.27	0.00	0.00	2.07	4.46								
4735	1.88	0.85	0.00	0.34	0.00	0.00	2.66	5.73								
4745	4.84	2.18	0.00	0.54	0.00	0.00	6.87	14.43								
4750	5.55	2.50	0.00	0.63	0.00	0.00	7.87	16.55								
4755	5.95	2.68	0.00	0.76	0.00	0.00	8.45	17.84								
4760	7.17	3.23	0.00	0.88	0.00	0.00	10.17	21.45								
4765	9.01	4.06	0.00	0.92	0.00	0.00	12.79	26.78								

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
4770	13.04	5.87	0.00	1.09	0.00	0.00	18.50	38.50								
4780	6.78	3.05	2.47	0.69	0.00	0.00	9.62	22.61								
4785	13.24	5.96	6.52	1.83	0.00	0.00	18.79	46.34								
4790	18.04	8.12	12.33	3.45	0.00	0.00	25.60	67.54								
4800	5.40	5.09	2.43	0.78	0.00	0.00	3.64	17.34	6.49	5.15	3.12	1.00	0.00	0.00	4.91	20.67
4805	9.07	8.55	4.62	1.48	0.00	0.00	6.11	29.83	10.88	8.65	5.94	1.90	0.00	0.00	8.24	35.61
4810	10.38	9.78	4.62	1.48	0.00	0.00	6.99	33.25	12.45	9.90	5.94	1.90	0.00	0.00	9.43	39.62
4815	13.24	12.48	6.93	2.22	0.00	0.00	8.92	43.79	15.89	12.63	8.91	2.85	0.00	0.00	12.04	52.32
4820	19.09	17.98	9.47	3.03	0.00	0.00	12.85	62.42	22.90	18.21	12.18	3.90	0.00	0.00	17.35	74.54
4830	2.18	1.26	0.00	0.17	0.00	0.00	3.09	6.70								
4835	3.41	1.98	0.00	0.23	0.00	0.00	4.84	10.46								
4845	0.42	0.30	1.21	0.39	0.00	0.00	0.53	2.85								
4850	0.53	0.38	1.82	0.58	0.00	0.00	0.67	3.98								
4860	0.03	0.02	0.24	0.08	0.00	0.00	0.04	0.41								
4865	0.04	0.03	0.36	0.12	0.00	0.00	0.04	0.59								
4870	0.06	0.05	0.97	0.31	0.00	0.00	0.08	1.47								
4880	0.56	0.40	5.20	1.67	0.00	0.00	0.70	8.53								
4885	0.32	0.23	1.75	0.66	0.00	0.00	0.40	3.36								
4890	0.74	0.52	9.56	3.06	0.00	0.00	0.93	14.81								
4895	1.06	0.75	3.50	1.33	0.00	0.00	1.34	7.98								
4900	1.37	0.97	4.08	1.55	0.00	0.00	1.72	9.69								
4905	1.45	1.03	3.96	1.51	0.00	0.00	1.83	9.78								
4915	0.06	0.04	0.61	0.19	0.00	0.00	0.07	0.97								
4920	0.08	0.06	0.97	0.31	0.00	0.00	0.10	1.52								
4925	0.16	0.11	1.94	0.62	0.00	0.00	0.20	3.03								
4935	0.07	0.05	0.36	0.12	0.00	0.00	0.08	0.68								
4940	0.08	0.06	0.36	0.12	0.00	0.00	0.10	0.72								
4950	0.09	0.06	0.14	0.06	0.00	0.00	0.05	0.40								
4955	0.11	0.08	0.29	0.13	0.00	0.00	0.07	0.68								
4965	3.28	1.89	0.00	0.06	0.00	0.00	4.08	9.31	4.37	1.96	0.00	0.06	0.00	0.00	6.12	12.51
4970	0.26	0.15	0.00	0.00	0.00	0.00	0.32	0.73	0.34	0.15	0.00	0.00	0.00	0.00	0.48	0.97
4975	1.90	1.10	0.00	0.06	0.00	0.00	2.37	5.43	2.54	1.14	0.00	0.06	0.00	0.00	3.55	7.29
4980	0.35	0.20	0.00	0.00	0.00	0.00	0.44	0.99	0.47	0.21	0.00	0.00	0.00	0.00	0.66	1.34
4985	1.58	0.91	0.00	0.06	0.00	0.00	1.97	4.52	2.11	0.95	0.00	0.06	0.00	0.00	2.95	6.07
4990	0.25	0.14	0.00	0.00	0.00	0.00	0.31	0.70	0.33	0.15	0.00	0.00	0.00	0.00	0.46	0.94
4995	0.72	0.42	0.00	0.06	0.00	0.00	0.90	2.10	0.96	0.43	0.00	0.06	0.00	0.00	1.35	2.80
5000	0.03	0.01	0.00	0.00	0.00	0.00	0.03	0.07	0.03	0.01	0.00	0.00	0.00	0.00	0.05	0.09
5005	1.64	0.95	0.00	0.06	0.00	0.00	2.03	4.68	2.18	0.98	0.00	0.06	0.00	0.00	3.05	6.27
5010	0.15	0.09	0.00	0.00	0.00	0.00	0.18	0.42	0.20	0.09	0.00	0.00	0.00	0.00	0.28	0.57
5015	1.20	0.69	0.00	0.06	0.00	0.00	1.49	3.44	1.60	0.71	0.00	0.06	0.00	0.00	2.23	4.60
5020	0.11	0.06	0.00	0.00	0.00	0.00	0.13	0.30	0.14	0.06	0.00	0.00	0.00	0.00	0.20	0.40
5025	0.67	0.39	0.00	0.06	0.00	0.00	0.84	1.96	0.90	0.40	0.00	0.06	0.00	0.00	1.26	2.62
5030	0.02	0.01	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.04	0.08
5035	1.85	1.07	0.00	0.06	0.00	0.00	2.30	5.28	2.46	1.10	0.00	0.06	0.00	0.00	3.44	7.06
5040	0.15	0.09	0.00	0.00	0.00	0.00	0.18	0.42	0.20	0.09	0.00	0.00	0.00	0.00	0.28	0.57
5045	1.79	1.04	0.00	0.06	0.00	0.00	2.23	5.12	2.39	1.07	0.00	0.06	0.00	0.00	3.35	6.87
5050	0.34	0.20	0.00	0.00	0.00	0.00	0.43	0.97	0.46	0.20	0.00	0.00	0.00	0.00	0.64	1.30
5055	1.64	0.95	0.00	0.06	0.00	0.00	2.03	4.68	2.18	0.98	0.00	0.06	0.00	0.00	3.05	6.27
5060	0.15	0.09	0.00	0.00	0.00	0.00	0.18	0.42	0.20	0.09	0.00	0.00	0.00	0.00	0.28	0.57
5065	0.56	0.40	0.00	0.06	0.00	0.00	0.70	1.72	0.70	0.41	0.00	0.06	0.00	0.00	0.98	2.15
5075	3.85	2.22	0.00	0.06	0.00	0.00	4.78	10.91	5.13	2.30	0.00	0.06	0.00	0.00	7.17	14.66
5080	0.28	0.16	0.00	0.00	0.00	0.00	0.35	0.79	0.38	0.17	0.00	0.00	0.00	0.00	0.53	1.08
5085	4.11	2.38	0.00	0.00	0.00	0.00	5.11	11.60	5.48	2.46	0.00	0.00	0.00	0.00	7.67	15.61
5090	3.02	1.75	0.00	0.06	0.00	0.00	3.76	8.59	4.03	1.81	0.00	0.06	0.00	0.00	5.64	11.54
5095	0.15	0.09	0.00	0.00	0.00	0.00	0.19	0.43	0.20	0.09	0.00	0.00	0.00	0.00	0.28	0.57

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
5100	2.81	1.63	0.00	0.06	0.00	0.00	3.50	8.00	3.75	1.68	0.00	0.06	0.00	0.00	5.25	10.74
5105	2.13	1.23	0.00	0.06	0.00	0.00	2.66	6.08	2.85	1.28	0.00	0.06	0.00	0.00	3.98	8.17
5110	0.14	0.08	0.00	0.00	0.00	0.00	0.18	0.40	0.19	0.09	0.00	0.00	0.00	0.00	0.27	0.55
5115	2.07	1.20	0.00	0.06	0.00	0.00	2.58	5.91	2.76	1.24	0.00	0.06	0.00	0.00	3.87	7.93
5120	1.24	0.72	0.00	0.06	0.00	0.00	1.54	3.56	1.65	0.74	0.00	0.06	0.00	0.00	2.31	4.76
5125	0.07	0.04	0.00	0.00	0.00	0.00	0.09	0.20	0.10	0.04	0.00	0.00	0.00	0.00	0.14	0.28
5130	0.78	0.45	0.00	0.06	0.00	0.00	0.97	2.26	1.04	0.46	0.00	0.06	0.00	0.00	1.45	3.01
5135	0.04	0.02	0.00	0.00	0.00	0.00	0.05	0.11	0.05	0.02	0.00	0.00	0.00	0.00	0.07	0.14
5140	0.48	0.28	0.00	0.06	0.00	0.00	0.60	1.42	0.64	0.29	0.00	0.06	0.00	0.00	0.89	1.88
5145	0.02	0.01	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.04	0.08
5150	0.21	0.12	0.00	0.06	0.00	0.00	0.26	0.65	0.28	0.13	0.00	0.06	0.00	0.00	0.40	0.87
5155	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.02	0.05
5165	4.37	2.52	0.00	0.05	0.00	0.00	5.43	12.37	5.82	2.61	0.00	0.05	0.00	0.00	8.15	16.63
5170	3.54	2.05	0.00	0.05	0.00	0.00	4.41	10.05	4.72	2.12	0.00	0.05	0.00	0.00	6.61	13.50
5175	2.30	1.33	0.00	0.05	0.00	0.00	2.86	6.54	3.07	1.37	0.00	0.05	0.00	0.00	4.29	8.78
5180	2.17	1.26	0.00	0.05	0.00	0.00	2.70	6.18	2.90	1.30	0.00	0.05	0.00	0.00	4.06	8.31
5190	1.77	1.32	9.39	2.25	0.21	0.03	2.58	17.55								
5195	2.19	1.62	3.18	0.76	0.21	0.03	3.19	11.18								
5200	2.10	1.57	9.39	2.25	0.26	0.04	3.07	18.68								
5205	2.32	1.73	3.18	0.76	0.26	0.04	3.39	11.68								
5210	2.13	1.61	9.39	2.25	0.30	0.05	3.12	18.85								
5215	2.41	1.81	3.18	0.76	0.30	0.05	3.52	12.03								
5220	5.12	3.86	4.89	1.17	0.73	0.11	7.49	23.37								
5235	2.71	2.88	0.00	0.05	1.79	0.27	4.36	12.06								
5240	3.37	3.35	0.00	0.05	1.79	0.27	5.33	14.16								
5250	2.85	3.40	0.00	0.08	2.59	0.39	4.77	14.08								
5255	2.99	3.08	0.00	0.08	1.79	0.27	4.78	12.99								
5265	0.85	0.61	0.00	0.11	0.00	0.00	1.23	2.80								
5270	1.03	0.74	0.00	0.11	0.00	0.00	1.49	3.37								
5275	1.66	1.19	0.00	0.11	0.00	0.00	2.40	5.36								
5280	2.55	1.82	0.00	0.11	0.00	0.00	3.68	8.16								
5285	4.19	3.00	0.00	0.11	0.00	0.00	6.05	13.35								
5290	2.28	1.64	0.00	0.11	0.00	0.00	3.30	7.33								
5295	2.96	2.12	0.00	0.11	0.00	0.00	4.28	9.47								
5300	4.93	3.53	0.00	0.11	0.00	0.00	7.12	15.69								
5310	8.06	5.77	7.11	1.71	0.00	0.00	11.64	34.29								
5315	14.28	10.22	12.96	3.11	0.00	0.00	20.63	61.20								
5320	15.04	10.76	12.96	3.11	0.00	0.00	21.72	63.59								
5330	16.12	11.54	13.79	3.31	0.00	0.00	23.29	68.05								
5340	2.72	1.95	9.39	2.25	0.00	0.00	3.94	20.25								
5345	3.01	2.15	3.18	0.76	0.00	0.00	4.34	13.44								
5350	3.31	2.37	9.39	2.25	0.00	0.00	4.79	22.11								
5355	3.59	2.57	3.59	0.86	0.00	0.00	5.19	15.80								
5360	3.51	2.51	9.39	2.25	0.00	0.00	5.07	22.73								
5365	3.79	2.72	3.59	0.86	0.00	0.00	5.48	16.44								
5370	1.67	1.20	4.65	1.12	0.00	0.00	2.42	11.06								
5375	2.26	1.61	9.39	2.25	0.00	0.00	3.26	18.77								
5380	2.54	1.82	3.18	0.76	0.00	0.00	3.67	11.97								
5385	2.73	1.95	9.39	2.25	0.00	0.00	3.94	20.26								
5390	3.01	2.16	3.18	0.76	0.00	0.00	4.35	13.46								
5395	2.96	2.12	9.39	2.25	0.00	0.00	4.27	20.99								
5400	3.24	2.32	3.18	0.76	0.00	0.00	4.68	14.18								
5410	5.13	3.37	4.49	1.08	0.00	0.00	11.62	25.69								
5415	5.59	3.67	4.49	1.08	0.00	0.00	12.67	27.50								
5420	3.43	2.25	2.86	0.69	0.00	0.00	7.77	17.00								

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
5430	2.27	1.49	2.10	0.50	0.00	0.00	5.15	11.51								
5435	2.71	1.78	2.27	0.55	0.00	0.00	6.14	13.45								
5445	5.80	3.81	4.37	1.05	0.00	0.00	13.13	28.16								
5455	5.90	3.97	7.00	1.68	0.35	0.05	13.47	32.42								
5460	6.80	4.56	7.00	1.68	0.35	0.05	15.50	35.94								
5465	6.72	4.51	8.63	2.07	0.35	0.05	15.31	37.64								
5475	4.80	3.25	7.29	1.75	0.35	0.05	10.96	28.45								
5480	5.08	3.44	7.29	1.75	0.35	0.05	11.61	29.57								
5485	5.84	3.93	7.29	1.75	0.35	0.05	13.32	32.53								
5490	5.35	3.61	7.29	1.75	0.35	0.05	12.22	30.62								
5500	9.51	6.43	12.24	2.94	0.65	0.10	21.73	53.60								
5505	6.02	4.05	6.70	1.61	0.35	0.05	13.72	32.50								
5515	7.26	4.86	5.13	1.23	0.35	0.05	16.53	35.41								
5520	6.14	4.24	6.94	1.67	0.74	0.11	14.12	33.96								
5530	7.14	5.60	6.43	2.19	3.83	0.57	9.86	35.62	8.93	5.72	8.41	2.86	5.45	0.82	13.05	45.24
5535	13.85	11.02	12.70	3.43	7.25	1.09	15.80	65.14	17.32	11.25	16.70	4.51	11.39	1.71	21.16	84.04
5540	15.83	12.28	14.16	3.40	7.50	1.12	19.22	73.51	19.78	12.53	18.51	4.44	10.65	1.60	25.62	93.13
5545	16.51	12.91	18.31	4.58	12.17	1.83	18.75	85.06	20.64	13.18	23.76	5.94	16.90	2.53	25.11	108.06
5550	17.65	13.73	18.31	4.58	12.17	1.83	20.01	88.28	22.06	14.01	23.76	5.94	16.90	2.53	26.80	112.00
5555	21.53	17.05	17.32	4.68	10.78	1.62	24.53	97.51	26.92	17.40	22.77	6.15	16.93	2.54	32.85	125.56
5560	24.91	19.46	19.30	4.63	12.82	1.92	30.29	113.33	31.14	19.86	25.24	6.06	18.22	2.73	40.39	143.64
5565	27.06	20.99	28.69	7.17	18.10	2.71	30.66	135.38	33.82	21.42	37.22	9.31	25.14	3.77	41.06	171.74
5570	28.35	21.91	28.69	7.17	18.10	2.71	32.09	139.02	35.43	22.36	37.22	9.31	25.14	3.77	42.98	176.21
5575	26.64	21.08	21.17	5.72	13.23	1.98	30.34	120.16	33.30	21.51	27.83	7.51	20.78	3.12	40.63	154.68
5580	27.87	21.96	21.17	5.72	13.23	1.98	31.71	123.64	34.84	22.41	27.83	7.51	20.78	3.12	42.46	158.95
5585	34.78	27.10	38.66	9.67	24.55	3.68	39.46	177.90	43.48	27.66	50.16	12.54	34.10	5.12	52.85	225.91
5595	6.53	5.09	6.86	2.33	3.28	0.49	8.99	33.57	8.16	5.19	8.98	3.05	4.67	0.70	11.90	42.65
5600	7.54	5.86	7.46	2.54	3.64	0.55	10.37	37.96	9.42	5.98	9.76	3.32	5.17	0.78	13.73	48.16
5605	9.79	7.71	9.95	2.39	5.56	0.83	11.93	48.16	12.23	7.87	13.02	3.12	7.90	1.19	15.90	61.23
5610	13.59	10.46	12.01	2.88	8.23	1.23	16.47	64.87	16.99	10.68	15.71	3.77	11.43	1.71	21.96	82.25
5615	16.54	12.86	13.90	3.34	8.07	1.21	20.09	76.01	20.67	13.12	18.18	4.36	11.47	1.72	26.79	96.31
5625	10.93	8.53	9.82	2.36	5.56	0.83	13.29	51.32	13.67	8.71	12.85	3.08	7.90	1.19	17.72	65.12
5630	15.35	12.01	12.51	3.38	6.73	1.01	17.43	68.42	19.19	12.25	16.44	4.44	10.57	1.59	23.35	87.83
5635	18.67	14.30	13.94	3.35	7.50	1.12	22.60	81.48	23.34	14.60	18.23	4.38	10.65	1.60	30.13	102.93
5640	18.25	14.15	20.19	5.05	12.17	1.83	20.67	92.31	22.81	14.44	26.19	6.55	16.90	2.53	27.69	117.11
5645	21.99	16.74	21.28	5.11	11.39	1.71	26.57	104.79	27.48	17.09	27.83	6.68	15.83	2.37	35.43	132.71
5655	6.99	5.44	7.21	2.45	3.46	0.52	9.63	35.70	8.74	5.56	9.42	3.20	4.92	0.74	12.75	45.33
5660	13.65	10.87	12.55	3.39	7.25	1.09	15.57	64.37	17.06	11.10	16.50	4.45	11.39	1.71	20.86	83.07
5665	16.30	12.76	20.80	5.20	12.17	1.83	18.51	87.57	20.37	13.02	26.98	6.75	16.90	2.53	24.79	111.34
5670	15.44	12.15	13.99	3.36	8.62	1.29	18.81	73.66	19.30	12.40	18.29	4.39	12.25	1.84	25.08	93.55
5675	18.37	14.33	19.67	5.31	10.57	1.59	20.84	90.68	22.96	14.62	25.86	6.98	17.24	2.59	27.92	118.17
5685	7.71	5.96	7.51	2.55	3.46	0.52	10.60	38.31	9.64	6.08	9.82	3.34	4.92	0.74	14.03	48.57
5690	10.26	8.05	10.72	2.57	5.56	0.83	12.49	50.48	12.82	8.21	14.02	3.37	7.90	1.19	16.65	64.16
5700	15.07	11.89	13.30	3.19	8.62	1.29	18.37	71.73	18.83	12.13	17.39	4.17	12.25	1.84	24.50	91.11
5705	22.92	18.38	18.29	4.94	12.90	1.94	26.19	105.56	28.65	18.75	24.03	6.49	20.27	3.04	35.08	136.31
5710	14.98	11.67	11.72	2.93	10.61	1.59	16.99	70.49	18.72	11.91	15.21	3.80	14.74	2.21	22.76	89.35
5715	19.80	15.35	21.16	5.29	13.10	1.97	22.44	99.11	24.75	15.66	27.46	6.86	18.20	2.73	30.05	125.71
5720	26.57	20.59	25.19	6.30	17.59	2.64	30.10	128.98	33.21	21.02	32.68	8.17	24.43	3.66	40.31	163.48
5725	30.00	23.43	29.18	7.30	21.67	3.25	34.06	148.89	37.51	23.91	37.86	9.46	30.09	4.51	45.61	188.95
5735	6.92	5.46	6.91	2.35	4.03	0.60	9.56	35.83	8.64	5.58	9.03	3.07	5.72	0.86	12.65	45.55
5740	14.83	11.72	14.24	3.42	8.62	1.29	18.09	72.21	18.54	11.96	18.63	4.47	12.25	1.84	24.12	91.81
5745	12.59	10.12	12.78	3.45	7.25	1.09	14.40	61.68	15.74	10.33	16.80	4.54	11.39	1.71	19.28	79.79
5750	26.34	20.48	27.76	6.66	18.10	2.71	31.99	134.04	32.92	20.90	36.30	8.71	25.14	3.77	42.66	170.40
5755	25.08	19.58	28.10	6.74	18.10	2.71	30.50	130.81	31.35	19.98	36.75	8.82	25.14	3.77	40.67	166.48
5760	21.56	17.02	20.03	4.81	12.46	1.87	26.30	104.05	26.95	17.37	26.20	6.29	17.71	2.66	35.06	132.24

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
5765	20.73	16.43	17.98	4.85	10.48	1.57	23.62	95.66	25.91	16.77	23.63	6.38	16.46	2.47	31.63	123.25
5770	34.18	26.99	41.44	9.95	27.90	4.18	41.68	186.32	42.72	27.54	54.19	13.01	38.75	5.81	55.58	237.60
5780	2.90	2.89	0.00	0.11	1.91	0.29	3.36	11.46	3.48	2.93	0.00	0.11	2.76	0.41	4.32	14.01
5785	3.95	4.09	0.00	0.11	3.28	0.49	4.62	16.54	4.74	4.15	0.00	0.11	4.74	0.71	5.94	20.39
5795	1.72	1.71	0.00	0.06	1.10	0.16	1.99	6.74	2.06	1.74	0.00	0.06	1.59	0.24	2.56	8.25
5805	2.15	1.93	2.93	0.94	0.00	0.00	3.55	11.50	2.68	1.96	3.86	1.24	0.00	0.00	4.93	14.67
5810	0.50	0.35	0.00	0.06	0.00	0.00	0.62	1.53	0.63	0.36	0.00	0.06	0.00	0.00	0.88	1.93
5815	2.95	2.65	3.38	1.08	0.00	0.00	4.88	14.94	3.69	2.69	4.45	1.43	0.00	0.00	6.77	19.03
5820	0.65	0.46	0.00	0.06	0.00	0.00	0.81	1.98	0.81	0.47	0.00	0.06	0.00	0.00	1.13	2.47
5825	0.50	0.36	0.00	0.06	0.00	0.00	0.63	1.55	0.63	0.36	0.00	0.06	0.00	0.00	0.88	1.93
5830	4.53	4.06	4.74	1.52	0.00	0.00	7.47	22.32	5.66	4.13	6.24	2.00	0.00	0.00	10.38	28.41
5835	0.80	0.57	0.00	0.06	0.00	0.00	1.00	2.43	1.00	0.58	0.00	0.06	0.00	0.00	1.41	3.05
5840	0.62	0.44	0.00	0.06	0.00	0.00	0.77	1.89	0.78	0.45	0.00	0.06	0.00	0.00	1.09	2.38
5845	6.04	5.42	6.31	2.02	0.00	0.00	9.97	29.76	7.55	5.51	8.32	2.66	0.00	0.00	13.85	37.89
5850	0.81	0.58	0.00	0.06	0.00	0.00	1.01	2.46	1.02	0.59	0.00	0.06	0.00	0.00	1.42	3.09
5855	0.92	0.65	0.00	0.06	0.00	0.00	1.14	2.77	1.15	0.66	0.00	0.06	0.00	0.00	1.61	3.48
5860	8.49	7.62	9.02	2.89	0.00	0.00	14.02	42.04	10.62	7.74	11.88	3.80	0.00	0.00	19.48	53.52
5865	1.31	0.93	0.00	0.06	0.00	0.00	1.63	3.93	1.63	0.94	0.00	0.06	0.00	0.00	2.29	4.92
5870	1.43	1.01	0.00	0.06	0.00	0.00	1.78	4.28	1.79	1.04	0.00	0.06	0.00	0.00	2.51	5.40
5875	1.14	0.81	0.00	0.06	0.00	0.00	1.42	3.43	1.43	0.82	0.00	0.06	0.00	0.00	2.00	4.31
5880	10.44	9.83	13.53	3.38	0.00	0.00	17.56	54.74	12.52	9.95	17.82	4.45	0.00	0.00	23.19	67.93
5885	1.91	1.35	0.00	0.06	0.00	0.00	2.38	5.70	2.39	1.38	0.00	0.06	0.00	0.00	3.34	7.17
5890	2.11	1.49	0.00	0.06	0.00	0.00	2.62	6.28	2.63	1.52	0.00	0.06	0.00	0.00	3.68	7.89
5895	1.62	1.15	0.00	0.06	0.00	0.00	2.01	4.84	2.02	1.17	0.00	0.06	0.00	0.00	2.83	6.08
5900	0.05	0.03	0.00	0.00	0.00	0.00	0.06	0.14	0.06	0.04	0.00	0.00	0.00	0.00	0.09	0.19
5905	15.11	14.24	18.49	4.62	0.00	0.00	25.43	77.89	18.13	14.41	24.35	6.09	0.00	0.00	33.57	96.55
5910	2.46	1.74	0.00	0.06	0.00	0.00	3.06	7.32	3.08	1.78	0.00	0.06	0.00	0.00	4.31	9.23
5915	2.10	1.48	0.00	0.06	0.00	0.00	2.61	6.25	2.62	1.51	0.00	0.06	0.00	0.00	3.67	7.86
5920	2.69	1.91	0.00	0.06	0.00	0.00	3.35	8.01	3.36	1.94	0.00	0.06	0.00	0.00	4.71	10.07
5925	2.03	1.44	0.00	0.06	0.00	0.00	2.52	6.05	2.54	1.47	0.00	0.06	0.00	0.00	3.55	7.62
5930	0.48	0.34	0.00	0.11	0.00	0.00	0.59	1.52	0.60	0.35	0.00	0.11	0.00	0.00	0.84	1.90
5935	0.06	0.04	0.00	0.01	0.00	0.00	0.07	0.18	0.07	0.04	0.00	0.01	0.00	0.00	0.10	0.22
5940	26.04	25.20	31.57	6.95	0.00	0.00	46.56	136.32	30.38	25.45	41.58	9.15	0.00	0.00	59.05	165.61
5945	3.98	2.82	0.00	0.06	0.00	0.00	4.95	11.81	4.98	2.88	0.00	0.06	0.00	0.00	6.97	14.89
5950	4.38	3.10	0.00	0.06	0.00	0.00	5.45	12.99	5.47	3.16	0.00	0.06	0.00	0.00	7.66	16.35
5955	0.06	0.04	0.00	0.06	0.00	0.00	0.07	0.23	0.07	0.04	0.00	0.06	0.00	0.00	0.10	0.27
5960	1.25	0.88	0.00	0.06	0.00	0.00	1.55	3.74	1.56	0.90	0.00	0.06	0.00	0.00	2.19	4.71
5970	3.18	2.85	3.97	1.27	0.00	0.00	5.25	16.52	3.98	2.90	5.23	1.67	0.00	0.00	7.30	21.08
5975	0.56	0.40	0.00	0.06	0.00	0.00	0.70	1.72	0.71	0.41	0.00	0.06	0.00	0.00	0.99	2.17
5980	0.55	0.39	0.00	0.05	0.00	0.00	0.68	1.67	0.69	0.40	0.00	0.05	0.00	0.00	0.96	2.10
5985	4.26	3.82	5.50	1.76	0.00	0.00	7.04	22.38	5.33	3.89	7.25	2.32	0.00	0.00	9.77	28.56
5990	0.63	0.45	0.00	0.06	0.00	0.00	0.78	1.92	0.79	0.45	0.00	0.06	0.00	0.00	1.10	2.40
5995	0.75	0.53	0.00	0.05	0.00	0.00	0.93	2.26	0.94	0.54	0.00	0.05	0.00	0.00	1.31	2.84
6000	5.96	5.35	6.76	2.16	0.00	0.00	9.84	30.07	7.45	5.44	8.91	2.85	0.00	0.00	13.67	38.32
6005	0.96	0.68	0.00	0.06	0.00	0.00	1.20	2.90	1.20	0.70	0.00	0.06	0.00	0.00	1.68	3.64
6010	0.94	0.66	0.00	0.05	0.00	0.00	1.17	2.82	1.17	0.68	0.00	0.05	0.00	0.00	1.64	3.54
6015	7.61	6.83	10.06	3.22	0.00	0.00	12.56	40.28	9.51	6.94	13.25	4.24	0.00	0.00	17.45	51.39
6020	1.02	0.73	0.00	0.06	0.00	0.00	1.28	3.09	1.28	0.74	0.00	0.06	0.00	0.00	1.79	3.87
6025	1.08	0.76	0.00	0.06	0.00	0.00	1.34	3.24	1.35	0.78	0.00	0.06	0.00	0.00	1.88	4.07
6030	1.43	1.01	0.00	0.05	0.00	0.00	1.78	4.27	1.79	1.03	0.00	0.05	0.00	0.00	2.50	5.37
6035	10.28	9.69	13.53	3.38	0.00	0.00	17.31	54.19	12.34	9.81	17.82	4.45	0.00	0.00	22.85	67.27
6040	1.99	1.41	0.00	0.05	0.00	0.00	2.47	5.92	2.48	1.44	0.00	0.05	0.00	0.00	3.48	7.45
6045	2.02	1.43	0.00	0.05	0.00	0.00	2.51	6.01	2.52	1.46	0.00	0.05	0.00	0.00	3.53	7.56
6050	14.14	13.32	19.17	4.79	0.00	0.00	23.81	75.23	16.97	13.49	25.24	6.31	0.00	0.00	31.42	93.43
6055	2.99	2.12	0.00	0.05	0.00	0.00	3.72	8.88	3.74	2.16	0.00	0.05	0.00	0.00	5.23	11.18

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
6060	3.07	2.17	0.00	0.05	0.00	0.00	3.81	9.10	3.83	2.22	0.00	0.05	0.00	0.00	5.36	11.46
6065	1.97	1.39	0.00	0.06	0.00	0.00	2.45	5.87	2.46	1.42	0.00	0.06	0.00	0.00	3.44	7.38
6070	19.00	18.39	23.63	5.20	0.00	0.00	33.98	100.20	22.17	18.58	31.13	6.85	0.00	0.00	43.10	121.83
6075	3.46	2.45	0.00	0.05	0.00	0.00	4.30	10.26	4.32	2.50	0.00	0.05	0.00	0.00	6.05	12.92
6080	3.95	2.80	0.00	0.05	0.00	0.00	4.92	11.72	4.94	2.86	0.00	0.05	0.00	0.00	6.91	14.76
6085	2.26	1.60	0.00	0.06	0.00	0.00	2.81	6.73	2.82	1.63	0.00	0.06	0.00	0.00	3.94	8.45
6095	2.74	2.46	2.93	0.94	0.00	0.00	4.53	13.60	3.43	2.50	3.86	1.24	0.00	0.00	6.29	17.32
6100	3.41	3.06	3.52	1.13	0.00	0.00	5.63	16.75	4.26	3.11	4.63	1.48	0.00	0.00	7.81	21.29
6105	4.72	4.24	4.96	1.59	0.00	0.00	7.80	23.31	5.91	4.31	6.53	2.09	0.00	0.00	10.83	29.67
6110	5.65	5.07	6.31	2.02	0.00	0.00	9.33	28.38	7.07	5.16	8.32	2.66	0.00	0.00	12.96	36.17
6115	0.77	0.54	0.00	0.05	0.00	0.00	0.95	2.31	0.96	0.55	0.00	0.05	0.00	0.00	1.34	2.90
6120	0.86	0.61	0.00	0.05	0.00	0.00	1.08	2.60	1.08	0.62	0.00	0.05	0.00	0.00	1.51	3.26
6125	8.51	7.64	9.47	3.03	0.00	0.00	14.05	42.70	10.64	7.76	12.47	3.99	0.00	0.00	19.51	54.37
6130	1.36	0.96	0.00	0.05	0.00	0.00	1.69	4.06	1.70	0.98	0.00	0.05	0.00	0.00	2.37	5.10
6135	0.92	0.65	0.00	0.05	0.00	0.00	1.14	2.76	1.15	0.66	0.00	0.05	0.00	0.00	1.60	3.46
6140	10.13	9.54	13.98	3.50	0.00	0.00	17.05	54.20	12.16	9.66	18.41	4.60	0.00	0.00	22.51	67.34
6145	1.67	1.18	0.00	0.05	0.00	0.00	2.08	4.98	2.09	1.21	0.00	0.05	0.00	0.00	2.92	6.27
6150	1.38	0.98	0.00	0.05	0.00	0.00	1.72	4.13	1.72	1.00	0.00	0.05	0.00	0.00	2.41	5.18
6155	0.65	0.46	0.00	0.06	0.00	0.00	0.81	1.98	0.81	0.47	0.00	0.06	0.00	0.00	1.13	2.47
6160	0.34	0.24	0.00	0.11	0.00	0.00	0.43	1.12	0.43	0.25	0.00	0.11	0.00	0.00	0.60	1.39
6165	0.05	0.04	0.00	0.06	0.00	0.00	0.07	0.22	0.07	0.04	0.00	0.06	0.00	0.00	0.09	0.26
6175	1.86	1.67	1.89	0.61	0.00	0.00	3.07	9.10	2.32	1.69	2.49	0.80	0.00	0.00	4.26	11.56
6180	2.59	2.32	2.93	0.94	0.00	0.00	4.27	13.05	3.24	2.36	3.86	1.24	0.00	0.00	5.94	16.64
6185	3.09	2.77	3.25	1.04	0.00	0.00	5.10	15.25	3.86	2.82	4.28	1.37	0.00	0.00	7.09	19.42
6195	2.11	1.89	2.84	0.91	0.00	0.00	3.48	11.23	2.64	1.92	3.74	1.20	0.00	0.00	4.83	14.33
6200	0.40	0.29	0.00	0.05	0.00	0.00	0.50	1.24	0.50	0.29	0.00	0.05	0.00	0.00	0.71	1.55
6205	3.17	2.84	4.06	1.30	0.00	0.00	5.23	16.60	3.96	2.89	5.35	1.71	0.00	0.00	7.26	21.17
6210	0.29	0.20	0.00	0.05	0.00	0.00	0.36	0.90	0.36	0.21	0.00	0.05	0.00	0.00	0.50	1.12
6215	4.63	4.16	5.32	1.70	0.00	0.00	7.65	23.46	5.79	4.22	7.01	2.24	0.00	0.00	10.62	29.88
6220	0.48	0.34	0.00	0.05	0.00	0.00	0.60	1.47	0.60	0.35	0.00	0.05	0.00	0.00	0.84	1.84
6225	6.56	5.89	6.99	2.24	0.00	0.00	10.84	32.52	8.20	5.99	9.21	2.95	0.00	0.00	15.05	41.40
6230	0.63	0.44	0.00	0.05	0.00	0.00	0.78	1.90	0.78	0.45	0.00	0.05	0.00	0.00	1.10	2.38
6235	8.28	7.43	9.92	3.18	0.00	0.00	13.66	42.47	10.34	7.55	13.07	4.18	0.00	0.00	18.98	54.12
6240	0.98	0.70	0.00	0.05	0.00	0.00	1.22	2.95	1.23	0.71	0.00	0.05	0.00	0.00	1.72	3.71
6245	1.05	0.74	0.00	0.05	0.00	0.00	1.30	3.14	1.31	0.76	0.00	0.05	0.00	0.00	1.83	3.95
6250	11.86	10.64	14.43	4.62	0.00	0.00	19.58	61.13	14.82	10.81	19.01	6.08	0.00	0.00	27.19	77.91
6255	1.35	0.95	0.00	0.05	0.00	0.00	1.68	4.03	1.68	0.97	0.00	0.05	0.00	0.00	2.36	5.06
6260	1.42	1.01	0.00	0.05	0.00	0.00	1.77	4.25	1.78	1.03	0.00	0.05	0.00	0.00	2.49	5.35
6265	14.50	13.66	18.49	4.62	0.00	0.00	24.40	75.67	17.40	13.83	24.35	6.09	0.00	0.00	32.21	93.88
6270	1.83	1.30	0.00	0.05	0.00	0.00	2.28	5.46	2.29	1.32	0.00	0.05	0.00	0.00	3.20	6.86
6275	1.67	1.18	0.00	0.05	0.00	0.00	2.07	4.97	2.08	1.21	0.00	0.05	0.00	0.00	2.92	6.26
6280	23.81	23.04	27.96	6.15	0.00	0.00	42.57	123.53	27.78	23.27	36.83	8.10	0.00	0.00	53.98	149.96
6285	4.40	3.12	0.00	0.05	0.00	0.00	5.48	13.05	5.51	3.18	0.00	0.05	0.00	0.00	7.71	16.45
6290	4.14	2.93	0.00	0.05	0.00	0.00	5.15	12.27	5.17	2.99	0.00	0.05	0.00	0.00	7.24	15.45
6295	3.87	2.74	0.00	0.05	0.00	0.00	4.82	11.48	4.84	2.80	0.00	0.05	0.00	0.00	6.78	14.47
6305	8.86	7.95	9.25	2.96	0.00	0.00	14.62	43.64	11.07	8.08	12.18	3.90	0.00	0.00	20.31	55.54
6310	0.97	0.69	0.00	0.05	0.00	0.00	1.21	2.92	1.22	0.70	0.00	0.05	0.00	0.00	1.70	3.67
6315	1.09	0.77	0.00	0.05	0.00	0.00	1.36	3.27	1.36	0.79	0.00	0.05	0.00	0.00	1.91	4.11
6320	1.12	0.79	0.00	0.05	0.00	0.00	1.39	3.35	1.39	0.81	0.00	0.05	0.00	0.00	1.95	4.20
6325	9.27	8.74	11.73	2.93	0.00	0.00	15.61	48.28	11.13	8.84	15.44	3.86	0.00	0.00	20.60	59.87
6330	1.38	0.97	0.00	0.05	0.00	0.00	1.71	4.11	1.72	0.99	0.00	0.05	0.00	0.00	2.41	5.17
6335	1.80	1.28	0.00	0.05	0.00	0.00	2.25	5.38	2.26	1.30	0.00	0.05	0.00	0.00	3.16	6.77
6340	1.56	1.11	0.00	0.05	0.00	0.00	1.94	4.66	1.95	1.13	0.00	0.05	0.00	0.00	2.73	5.86
6345	0.45	0.32	0.00	0.10	0.00	0.00	0.56	1.43	0.57	0.33	0.00	0.10	0.00	0.00	0.79	1.79
6350	13.19	12.43	16.69	4.17	0.00	0.00	22.20	68.68	15.83	12.58	21.98	5.49	0.00	0.00	29.31	85.19

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
6355	1.80	1.27	0.00	0.00	0.00	0.00	2.24	5.31	2.25	1.30	0.00	0.00	0.00	0.00	3.15	6.70
6360	1.97	1.40	0.00	0.00	0.00	0.00	2.45	5.82	2.46	1.42	0.00	0.00	0.00	0.00	3.45	7.33
6365	1.94	1.37	0.00	0.00	0.00	0.00	2.41	5.72	2.42	1.40	0.00	0.00	0.00	0.00	3.39	7.21
6370	0.07	0.05	0.00	0.00	0.00	0.00	0.09	0.21	0.09	0.05	0.00	0.00	0.00	0.00	0.13	0.27
6375	0.42	0.30	0.00	0.00	0.00	0.00	0.52	1.24	0.52	0.30	0.00	0.00	0.00	0.00	0.73	1.55
6385	7.79	6.11	7.11	1.99	2.85	0.43	7.87	34.15	9.74	6.23	9.35	2.62	7.37	1.11	10.66	47.08
6390	13.06	10.52	12.54	3.51	6.42	0.96	13.30	60.31	16.33	10.74	16.50	4.62	16.62	2.49	18.01	85.31
6400	14.29	11.55	11.45	3.21	7.24	1.09	14.56	63.39	17.86	11.78	15.07	4.22	18.75	2.81	19.71	90.20
6405	23.18	18.80	19.77	5.54	8.69	1.30	23.63	100.91	28.97	19.18	26.01	7.28	22.50	3.37	32.00	139.31
6415	0.91	0.70	1.80	0.50	0.20	0.03	0.92	5.06	1.14	0.71	2.36	0.66	0.47	0.07	1.24	6.65
6420	1.03	0.78	2.09	0.59	0.19	0.03	1.03	5.74	1.29	0.79	2.75	0.77	0.45	0.07	1.40	7.52
6425	1.39	1.05	2.59	0.73	0.23	0.03	1.39	7.41	1.74	1.07	3.41	0.95	0.51	0.08	1.89	9.65
6435	0.18	0.14	0.79	0.25	0.06	0.01	0.28	1.71	0.23	0.15	1.03	0.33	0.10	0.01	0.39	2.24
6440	0.86	0.64	1.49	0.48	0.09	0.01	1.31	4.88	1.07	0.65	1.94	0.62	0.19	0.03	1.82	6.32
6445	0.99	0.73	2.46	0.79	0.07	0.01	1.50	6.55	1.23	0.74	3.20	1.02	0.15	0.02	2.09	8.45
6450	2.14	1.61	2.68	0.75	0.30	0.04	3.28	10.80	2.68	1.64	3.52	0.99	0.63	0.09	4.56	14.11
6455	4.55	3.48	4.39	1.23	1.11	0.17	7.00	21.93	5.68	3.55	5.77	1.62	2.33	0.35	9.72	29.02
6465	7.53	5.49	4.18	1.17	0.00	0.00	11.44	29.81	9.41	5.60	5.50	1.54	0.00	0.00	15.89	37.94
6470	10.92	7.96	7.31	2.05	0.00	0.00	16.59	44.83	13.65	8.12	9.62	2.69	0.00	0.00	23.04	57.12
6480	8.80	6.42	3.51	0.98	0.00	0.00	13.38	33.09	11.01	6.55	4.62	1.29	0.00	0.00	18.58	42.05
6485	15.32	11.17	7.31	2.05	0.00	0.00	23.28	59.13	19.15	11.40	9.62	2.69	0.00	0.00	32.34	75.20
6500	0.55	0.35	4.18	1.34	0.09	0.01	0.68	7.20	0.73	0.36	5.43	1.74	0.16	0.02	1.04	9.48
6505	0.68	0.43	4.18	1.34	0.10	0.01	0.86	7.60	0.91	0.44	5.43	1.74	0.19	0.03	1.30	10.04
6510	0.57	0.37	4.18	1.34	0.15	0.02	0.71	7.34	0.75	0.38	5.43	1.74	0.26	0.04	1.09	9.69
6515	0.69	0.45	4.18	1.34	0.17	0.03	0.87	7.73	0.92	0.46	5.43	1.74	0.34	0.05	1.33	10.27
6520	0.63	0.42	4.18	1.34	0.24	0.04	0.80	7.65	0.84	0.43	5.43	1.74	0.44	0.07	1.22	10.17
6525	1.15	0.76	8.40	2.69	0.40	0.06	1.46	14.92	1.53	0.79	10.86	3.47	0.73	0.11	2.22	19.71
6530	1.63	1.05	4.82	1.35	0.40	0.06	2.05	11.36	2.17	1.09	6.23	1.74	0.73	0.11	3.12	15.19
6535	1.37	0.89	9.65	3.09	0.40	0.06	1.73	17.19	1.82	0.92	12.48	3.99	0.73	0.11	2.64	22.69
6540	1.85	1.19	4.82	1.35	0.40	0.06	2.33	12.00	2.47	1.23	6.23	1.74	0.73	0.11	3.55	16.06
6545	1.50	0.99	9.65	3.09	0.48	0.07	1.91	17.69	2.00	1.02	12.48	3.99	0.89	0.13	2.90	23.41
6550	1.87	1.27	4.82	1.35	0.82	0.12	2.38	12.63	2.49	1.31	6.23	1.74	1.57	0.23	3.63	17.20
6555	2.27	1.51	18.09	5.79	0.82	0.12	2.89	31.49	3.03	1.56	23.43	7.50	1.57	0.23	4.41	41.73
6560	3.17	2.08	7.59	2.13	0.99	0.15	4.01	20.12	4.22	2.15	9.98	2.79	1.87	0.28	6.12	27.41
6565	3.32	2.18	7.59	2.13	1.01	0.15	4.20	20.58	4.43	2.25	9.98	2.79	1.91	0.29	6.41	28.06
6570	3.12	2.06	7.59	2.13	1.01	0.15	3.96	20.02	4.17	2.13	9.98	2.79	1.91	0.29	6.04	27.31
6575	3.69	2.40	7.59	2.13	1.01	0.15	4.66	21.63	4.92	2.48	9.98	2.79	1.91	0.29	7.11	29.48
6580	4.85	3.16	10.37	2.90	1.34	0.20	6.13	28.95	6.47	3.26	13.63	3.82	2.54	0.38	9.35	39.45
6585	5.14	3.36	10.37	2.90	1.45	0.22	6.50	29.94	6.86	3.46	13.63	3.82	2.70	0.40	9.91	40.78
6590	4.86	3.18	10.37	2.90	1.45	0.22	6.15	29.13	6.48	3.29	13.63	3.82	2.70	0.40	9.37	39.69
6595	4.85	3.13	12.41	3.48	1.20	0.18	6.11	31.36	6.46	3.23	16.31	4.57	2.29	0.34	9.32	42.52
6605	0.59	0.38	3.59	1.15	0.11	0.02	0.75	6.59	0.79	0.39	4.67	1.49	0.20	0.03	1.14	8.71
6610	0.70	0.44	4.65	1.49	0.11	0.02	0.88	8.29	0.93	0.46	6.05	1.94	0.20	0.03	1.33	10.94
6615	0.80	0.50	4.65	1.49	0.11	0.02	1.00	8.57	1.07	0.52	6.05	1.94	0.22	0.03	1.53	11.36
6620	0.66	0.42	4.65	1.49	0.12	0.02	0.83	8.19	0.88	0.43	6.05	1.94	0.21	0.03	1.26	10.80
6625	0.76	0.48	4.65	1.49	0.13	0.02	0.95	8.48	1.01	0.49	6.05	1.94	0.26	0.04	1.45	11.24
6630	0.60	0.39	4.39	1.40	0.17	0.03	0.76	7.74	0.80	0.41	5.71	1.83	0.29	0.04	1.16	10.24
6635	0.89	0.59	9.00	2.88	0.29	0.04	1.13	14.82	1.19	0.61	11.63	3.72	0.52	0.08	1.72	19.47
6640	1.04	0.70	9.00	2.88	0.40	0.06	1.33	15.41	1.39	0.72	11.63	3.72	0.73	0.11	2.03	20.33
6645	1.49	0.97	4.55	1.27	0.40	0.06	1.88	10.62	1.99	1.00	5.88	1.65	0.73	0.11	2.87	14.23
6650	1.13	0.76	10.25	3.28	0.48	0.07	1.44	17.41	1.50	0.79	13.25	4.24	0.89	0.13	2.20	23.00
6655	1.68	1.12	4.55	1.27	0.63	0.09	2.14	11.48	2.24	1.16	5.88	1.65	1.15	0.17	3.26	15.51
6660	2.06	1.42	17.04	5.45	1.07	0.16	2.65	29.85	2.75	1.47	22.06	7.06	2.03	0.31	4.03	39.71
6665	2.47	1.67	8.38	2.35	1.07	0.16	3.15	19.25	3.29	1.73	11.01	3.08	2.03	0.31	4.81	26.26
6670	2.83	1.84	8.42	2.36	0.78	0.12	3.57	19.92	3.77	1.90	11.07	3.10	1.43	0.21	5.45	26.93

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
6675	3.07	2.04	8.42	2.36	1.07	0.16	3.90	21.02	4.09	2.10	11.07	3.10	2.03	0.31	5.94	28.64
6680	4.20	2.67	6.84	1.92	0.78	0.12	5.28	21.81	5.60	2.76	8.84	2.48	1.43	0.21	8.04	29.36
6685	4.25	2.75	12.28	3.44	1.07	0.16	5.36	29.31	5.66	2.84	16.14	4.52	2.03	0.31	8.16	39.66
6690	5.06	3.26	12.59	3.52	1.20	0.18	6.38	32.19	6.75	3.37	16.54	4.63	2.26	0.34	9.72	43.61
6695	5.23	3.34	12.15	3.40	1.07	0.16	6.58	31.93	6.98	3.45	15.97	4.47	2.03	0.31	10.02	43.23
6705	0.61	0.39	2.58	0.83	0.11	0.02	0.77	5.31	0.81	0.40	3.35	1.07	0.22	0.03	1.17	7.05
6710	0.89	0.59	8.02	2.57	0.29	0.04	1.13	13.53	1.19	0.61	10.36	3.32	0.52	0.08	1.72	17.80
6715	0.92	0.61	8.02	2.57	0.29	0.04	1.17	13.62	1.23	0.63	10.36	3.32	0.52	0.08	1.78	17.92
6720	1.32	0.85	4.91	1.37	0.29	0.04	1.66	10.44	1.76	0.88	6.34	1.78	0.52	0.08	2.54	13.90
6725	0.99	0.65	10.31	3.30	0.29	0.04	1.25	16.83	1.32	0.67	13.32	4.26	0.52	0.08	1.90	22.07
6730	1.49	0.97	5.36	1.50	0.40	0.06	1.88	11.66	1.99	1.00	6.92	1.94	0.73	0.11	2.87	15.56
6735	1.14	0.76	10.36	3.32	0.40	0.06	1.45	17.49	1.52	0.78	13.39	4.29	0.73	0.11	2.20	23.02
6740	1.96	1.25	6.25	1.75	0.40	0.06	2.46	14.13	2.61	1.29	8.07	2.26	0.73	0.11	3.75	18.82
6745	3.14	2.08	9.11	2.55	1.07	0.16	3.99	22.10	4.19	2.15	11.98	3.35	2.03	0.31	6.08	30.09
6750	3.82	2.49	9.98	2.79	1.07	0.16	4.83	25.14	5.10	2.57	13.12	3.67	2.03	0.31	7.36	34.16
6755	4.04	2.62	12.59	3.52	1.07	0.16	5.10	29.10	5.39	2.71	16.54	4.63	2.03	0.31	7.77	39.38
6760	3.90	2.54	9.76	2.73	1.07	0.16	4.92	25.08	5.20	2.62	12.83	3.59	2.03	0.31	7.50	34.08
6765	4.21	2.72	12.59	3.52	1.07	0.16	5.31	29.58	5.61	2.81	16.54	4.63	2.03	0.31	8.09	40.02
6775	4.13	2.69	12.59	3.52	1.14	0.17	5.22	29.46	5.50	2.77	16.54	4.63	2.16	0.32	7.95	39.87
6780	4.03	2.63	12.59	3.52	1.14	0.17	5.09	29.17	5.37	2.71	16.54	4.63	2.16	0.32	7.76	39.49
6785	4.65	3.00	12.59	3.52	1.14	0.17	5.86	30.93	6.20	3.10	16.54	4.63	2.16	0.32	8.94	41.89
6790	5.03	3.23	12.59	3.52	1.14	0.17	6.33	32.01	6.70	3.33	16.54	4.63	2.16	0.32	9.65	43.33
6800	4.70	3.06	10.85	3.04	1.31	0.20	5.94	29.10	6.26	3.16	14.26	3.99	2.40	0.36	9.05	39.48
6805	5.27	3.38	15.19	4.25	1.14	0.17	6.63	36.03	7.02	3.48	19.96	5.59	2.16	0.32	10.10	48.63
6810	5.71	3.65	15.19	4.25	1.14	0.17	7.18	37.29	7.62	3.76	19.96	5.59	2.16	0.32	10.94	50.35
6815	5.95	3.79	15.19	4.25	1.14	0.17	7.48	37.97	7.94	3.91	19.96	5.59	2.16	0.32	11.39	51.27
6820	8.12	5.10	15.19	4.25	1.14	0.17	10.17	44.14	10.83	5.27	19.96	5.59	2.16	0.32	15.49	59.62
6830	2.14	1.24	0.00	0.08	0.00	0.00	2.36	5.82								
6835	2.65	1.54	0.00	0.08	0.00	0.00	2.92	7.19								
6840	4.02	2.33	0.00	0.08	0.00	0.00	4.43	10.86								
6845	4.99	2.90	0.00	0.08	0.00	0.00	5.51	13.48								
6850	5.64	3.28	0.00	0.08	0.00	0.00	6.23	15.23								
6860	0.47	0.27	0.00	0.07	0.00	0.00	0.52	1.33	0.63	0.28	0.00	0.07	0.00	0.00	0.79	1.77
6865	0.74	0.43	0.00	0.07	0.00	0.00	0.82	2.06	0.99	0.44	0.00	0.07	0.00	0.00	1.25	2.75
6870	0.75	0.43	0.00	0.07	0.00	0.00	0.83	2.08	1.00	0.45	0.00	0.07	0.00	0.00	1.26	2.78
6875	0.76	0.44	0.00	0.07	0.00	0.00	0.84	2.11	1.01	0.46	0.00	0.07	0.00	0.00	1.28	2.82
6885	0.16	0.09	0.00	0.00	0.00	0.00	0.17	0.42								
6890	0.16	0.09	0.00	0.00	0.00	0.00	0.18	0.43								
6895	0.18	0.10	0.00	0.00	0.00	0.00	0.20	0.48								
6900	0.21	0.12	0.00	0.00	0.00	0.00	0.23	0.56								
6905	0.23	0.13	0.00	0.00	0.00	0.00	0.26	0.62								
6910	0.22	0.13	0.00	0.00	0.00	0.00	0.24	0.59								
6915	0.06	0.04	0.00	0.00	0.00	0.00	0.07	0.17								
6925	0.17	0.10	0.00	0.07	0.00	0.00	0.18	0.52								
6930	0.21	0.12	0.00	0.07	0.00	0.00	0.24	0.64								
6935	0.58	0.34	0.00	0.07	0.00	0.00	0.65	1.64								
6940	0.65	0.38	0.00	0.07	0.00	0.00	0.72	1.82								
6950	2.07	1.20	0.00	0.11	0.00	0.00	2.28	5.66								
6955	2.10	1.22	0.00	0.11	0.00	0.00	2.32	5.75								
6960	2.12	1.23	0.00	0.11	0.00	0.00	2.34	5.80								
6965	2.15	1.25	0.00	0.11	0.00	0.00	2.37	5.88								
6975	0.85	0.50	0.61	0.20	0.00	0.00	0.94	3.10								
6980	0.90	0.52	0.61	0.20	0.00	0.00	0.99	3.22								
6985	0.95	0.55	0.61	0.20	0.00	0.00	1.05	3.36								
6995	1.48	1.33	0.00	0.07	0.58	0.09	1.83	5.38	1.85	1.35	0.00	0.07	0.80	0.12	2.62	6.81

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
7000	1.71	1.53	0.00	0.07	0.62	0.09	2.12	6.14	2.14	1.56	0.00	0.07	0.86	0.13	3.03	7.79
7005	1.74	1.56	0.00	0.07	0.62	0.09	2.16	6.24	2.18	1.58	0.00	0.07	0.86	0.13	3.08	7.90
7010	2.17	1.92	0.00	0.07	0.71	0.11	2.68	7.66	2.71	1.95	0.00	0.07	0.99	0.15	3.82	9.69
7015	2.14	2.01	0.00	0.07	1.18	0.18	2.69	8.27	2.67	2.05	0.00	0.07	1.63	0.24	3.84	10.50
7020	4.66	4.27	0.00	0.07	2.12	0.32	5.81	17.25	5.82	4.35	0.00	0.07	2.94	0.44	8.30	21.92
7025	4.91	4.77	0.00	0.07	3.29	0.49	6.24	19.77	6.14	4.86	0.00	0.07	4.55	0.68	8.92	25.22
7035	1.79	1.58	0.00	0.07	0.58	0.09	2.21	6.32	2.24	1.61	0.00	0.07	0.80	0.12	3.16	8.00
7045	0.98	1.02	0.00	0.07	0.47	0.07	1.16	3.77								
7050	1.12	1.17	0.00	0.07	0.53	0.08	1.32	4.29								
7055	1.38	1.41	0.00	0.07	0.58	0.09	1.61	5.14								
7060	1.37	1.44	0.00	0.11	0.70	0.11	1.62	5.35								
7065	1.43	1.52	0.00	0.11	0.79	0.12	1.70	5.67								
7070	1.56	1.66	0.00	0.11	0.87	0.13	1.85	6.18								
7075	1.72	1.83	0.00	0.11	0.96	0.14	2.04	6.80								
7080	2.37	2.42	0.00	0.11	0.96	0.14	2.78	8.78								
7085	2.43	2.47	0.00	0.11	0.96	0.14	2.84	8.95								
7090	2.83	2.90	0.00	0.14	1.16	0.17	3.31	10.51								
7095	3.12	3.20	0.00	0.14	1.28	0.19	3.66	11.59								
7100	3.49	3.53	0.00	0.14	1.28	0.19	4.06	12.69								
7105	3.73	4.00	0.00	0.14	2.16	0.32	4.45	14.80								
7110	0.74	0.83	0.00	0.07	0.58	0.09	0.90	3.21								
7120	0.67	0.77	0.00	0.07	0.58	0.09	0.82	3.00								
7130	0.87	0.96	0.00	0.09	0.58	0.09	1.05	3.64								
7135	0.88	0.96	0.00	0.09	0.58	0.09	1.06	3.66								
7145	0.47	0.53	0.00	0.08	0.35	0.05	0.58	2.06								
7150	0.49	0.55	0.00	0.08	0.37	0.06	0.59	2.14								
7155	0.53	0.62	0.00	0.08	0.49	0.07	0.66	2.45								
7165	13.78	12.87	11.88	3.92	6.61	0.99	16.42	66.47	16.53	13.04	15.34	5.06	10.53	1.58	22.52	84.60
7170	19.18	18.09	17.16	5.66	10.34	1.55	22.92	94.90	23.02	18.34	22.16	7.31	16.46	2.47	31.43	121.19
7175	25.39	24.82	22.97	7.58	13.82	2.07	30.62	127.27	30.46	25.16	29.67	9.79	22.00	3.30	41.99	162.37
7180	12.01	11.34	11.88	3.92	6.61	0.99	14.35	61.10	14.41	11.50	15.34	5.06	10.53	1.58	19.68	78.10
7185	17.47	17.04	17.16	5.66	13.03	1.95	21.06	93.37	20.97	17.27	22.16	7.31	20.75	3.11	28.89	120.46
7195	10.19	9.55	6.20	2.05	4.11	0.62	12.16	44.88	12.23	9.68	8.01	2.64	6.32	0.95	16.67	56.50
7200	11.57	10.78	6.73	2.22	4.32	0.65	13.78	50.05	13.89	10.92	8.70	2.87	6.63	0.99	18.90	62.90
7205	11.61	11.25	6.73	2.22	6.60	0.99	13.97	53.37	13.94	11.41	8.70	2.87	10.14	1.52	19.17	67.75
7210	19.60	18.80	11.88	3.92	10.14	1.52	23.52	89.38	23.52	19.05	15.34	5.06	15.56	2.33	32.25	113.11
7220	8.60	8.08	5.65	1.86	3.16	0.47	10.27	38.09	10.33	8.19	7.30	2.41	5.04	0.76	14.08	48.11
7225	13.25	12.31	11.35	3.75	5.98	0.90	15.77	63.31	15.90	12.48	14.66	4.84	9.53	1.43	21.63	80.47
7230	17.34	16.51	15.21	5.02	10.34	1.55	20.77	86.74	20.81	16.73	19.64	6.48	16.46	2.47	28.48	111.07
7235	22.55	22.07	17.05	5.63	12.39	1.86	27.20	108.75	27.05	22.37	22.03	7.27	19.73	2.96	37.31	138.72
7240	22.82	22.62	19.69	6.50	13.82	2.07	27.63	115.15	27.39	22.93	25.44	8.39	22.00	3.30	37.90	147.35
7250	11.33	10.80	10.40	3.43	7.89	1.18	13.57	58.60	13.59	10.95	13.44	4.43	12.92	1.94	18.61	75.88
7255	18.42	17.07	15.31	5.05	9.13	1.37	21.91	88.26	22.11	17.30	19.78	6.53	14.95	2.24	30.04	112.95
7270	7.51	7.02	5.68	1.87	3.67	0.55	8.95	35.25	9.01	7.12	7.33	2.42	5.84	0.88	12.28	44.88
7275	10.76	10.13	8.47	2.80	5.70	0.85	12.85	51.56	12.91	10.27	10.95	3.61	9.08	1.36	17.62	65.80
7280	13.17	12.85	13.02	4.30	9.84	1.48	15.88	70.54	15.81	13.02	16.81	5.55	15.67	2.35	21.78	90.99
7285	17.84	17.35	16.47	5.44	13.03	1.95	21.49	93.57	21.40	17.59	21.28	7.02	20.75	3.11	29.47	120.62
7290	24.82	24.34	22.18	7.32	13.82	2.07	29.97	124.52	29.79	24.67	28.64	9.45	22.00	3.30	41.10	158.95
7300	12.77	12.00	11.09	3.66	6.61	0.99	15.24	62.36	15.32	12.16	14.32	4.73	10.53	1.58	20.90	79.54
7305	17.84	16.94	15.21	5.02	10.34	1.55	21.36	88.26	21.41	17.17	19.64	6.48	16.46	2.47	29.29	112.92
7310	19.51	18.79	15.21	5.02	13.03	1.95	23.44	96.95	23.42	19.05	19.64	6.48	20.75	3.11	32.15	124.60
7315	20.85	20.01	17.56	5.79	13.49	2.02	25.03	104.75	25.02	20.29	22.68	7.48	21.48	3.22	34.32	134.49
7320	24.53	24.09	21.60	7.13	13.82	2.07	29.63	122.87	29.44	24.41	27.89	9.20	22.00	3.30	40.63	156.87
7335	5.93	5.65	6.27	1.76	3.18	0.48	6.09	29.36	7.12	5.73	8.25	2.31	4.99	0.75	7.92	37.07
7340	10.49	10.16	13.79	3.86	6.56	0.98	10.82	56.66	12.58	10.30	18.15	5.08	10.29	1.54	14.06	72.00

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

	AVERAGE CONDITIONS								SEVERE CONDITIONS							
UNIT NO	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
7345	14.33	14.02	18.81	5.27	9.76	1.46	14.81	78.46	17.19	14.21	24.75	6.93	15.31	2.30	19.26	99.95
7350	14.73	14.36	18.81	5.27	9.76	1.46	15.22	79.61	17.68	14.56	24.75	6.93	15.31	2.30	19.79	101.32
7355	17.07	16.76	22.99	6.44	11.98	1.80	17.67	94.71	20.49	16.99	30.25	8.47	18.79	2.82	22.97	120.78
7360	17.39	17.04	22.99	6.44	11.98	1.80	17.99	95.63	20.87	17.27	30.25	8.47	18.79	2.82	23.39	121.86
7370	11.16	10.73	13.79	3.86	6.56	0.98	11.48	58.56	13.39	10.88	18.15	5.08	10.29	1.54	14.93	74.26
7375	15.17	14.74	18.81	5.27	9.76	1.46	15.66	80.87	18.20	14.94	24.75	6.93	15.31	2.30	20.35	102.78
7380	15.42	14.96	18.81	5.27	9.76	1.46	15.91	81.59	18.50	15.16	24.75	6.93	15.31	2.30	20.68	103.63
7385	18.41	17.91	22.99	6.44	11.98	1.80	19.01	98.54	22.09	18.16	30.25	8.47	18.79	2.82	24.71	125.29
7390	18.61	18.08	22.99	6.44	11.98	1.80	19.21	99.11	22.33	18.33	30.25	8.47	18.79	2.82	24.97	125.96
7400	11.21	10.78	13.79	3.86	6.56	0.98	11.54	58.72	13.45	10.93	18.15	5.08	10.29	1.54	15.00	74.44
7405	16.69	16.41	18.81	5.27	10.89	1.63	17.28	86.98	20.02	16.64	24.75	6.93	16.70	2.51	22.47	110.02
7410	26.82	25.42	27.17	7.61	16.71	2.51	27.50	133.74	32.18	25.77	35.75	10.01	27.11	4.07	35.75	170.64
7420	10.50	10.18	11.58	3.24	6.40	0.96	10.83	53.69	12.60	10.32	15.23	4.27	9.96	1.49	14.08	67.95
7425	19.47	17.90	17.68	4.95	4.88	0.73	19.80	85.41	23.36	18.14	23.26	6.51	7.55	1.13	25.74	105.69
7435	11.82	11.35	13.79	3.86	6.74	1.01	14.19	62.76	14.18	11.50	18.15	5.08	10.55	1.58	19.46	80.50
7440	16.92	16.12	18.81	5.27	9.07	1.36	20.27	87.82	20.30	16.34	24.75	6.93	14.22	2.13	27.80	112.47
7455	3.31	1.49	5.85	2.43	0.00	0.00	5.74	18.82								
7460	4.45	2.00	8.62	3.99	0.00	0.00	7.71	26.77								
7465	8.15	3.67	16.94	7.90	0.00	0.00	14.14	50.80								
7470	8.78	3.96	19.59	9.43	0.00	0.00	15.24	57.00								
7480	0.82	0.69	0.00	0.01	0.00	0.00	0.77	2.29								
7485	0.95	0.80	0.00	0.01	0.00	0.00	0.90	2.66								
7490	1.11	0.93	0.00	0.01	0.00	0.00	1.05	3.10								
7500	1.49	1.25	0.00	0.01	0.00	0.00	1.41	4.16								
7505	1.68	1.41	0.00	0.01	0.00	0.00	1.59	4.69								
7510	1.86	1.57	0.00	0.01	0.00	0.00	1.76	5.20								
7520	0.09	0.07	0.48	0.14	0.00	0.00	0.07	0.85								
7525	0.13	0.10	0.96	0.29	0.00	0.00	0.10	1.58								
7530	0.17	0.12	1.20	0.36	0.00	0.00	0.13	1.98								
7535	0.22	0.16	1.73	0.52	0.00	0.00	0.16	2.79								
7545	0.21	0.13	1.51	0.36	0.03	0.00	0.36	2.60								
7550	0.43	0.25	7.00	1.68	0.02	0.00	0.73	10.11								
7555	0.44	0.26	7.00	1.68	0.02	0.00	0.75	10.15								
7560	0.52	0.30	7.43	1.78	0.02	0.00	0.88	10.93								
7565	0.64	0.38	9.16	2.20	0.04	0.01	1.10	13.53								
7575	0.57	0.33	1.96	0.47	0.02	0.00	0.97	4.32								
7580	0.58	0.34	1.96	0.47	0.02	0.00	0.98	4.35								
7585	0.72	0.43	3.26	0.78	0.04	0.01	1.22	6.46								
7590	0.70	0.41	3.31	0.79	0.04	0.01	1.19	6.45								
7600	0.12	0.09	0.91	0.27	0.00	0.00	0.09	1.48								
7605	0.13	0.09	1.15	0.35	0.00	0.00	0.09	1.81								
7610	0.16	0.12	1.44	0.43	0.00	0.00	0.12	2.27								
7615	0.27	0.20	2.02	0.60	0.00	0.00	0.20	3.29								
7625	0.06	0.05	0.91	0.27	0.00	0.00	0.05	1.34								
7630	0.10	0.08	1.15	0.35	0.00	0.00	0.08	1.76								

APPENDIX A

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APPENDIX A

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13. Goodyear Tire & Rubber Company, Akron, Ohio 44316.

14. Defense Acquisition Regulation (DAR).

APPENDIX B

AREA FACTORS

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

State Sales Tax Rate:		5.0 %
Working Hours Per Year:		1,450 Hrs/Yr
Labor Adjustment Factor (LAF):		1.020
Electricity Cost Per Kilowatt-Hour:		$ 0.080 /Kw-Hr
Gasoline Cost Per Gallon:		$ 1.330 /Gal.
Diesel Cost Per Gallon (Off-Road Use):		$ 1.100 /GAL.
Diesel Cost Per Gallon (On-Road Use):		$ 1.240 /Gal.
Freight Rates:	0 thru 24,000 lbs.	$ 5.850 /Cwt.
	over 24,000 thru 50,000 lbs.	$ 5.420 /Cwt.
	over 50,000 thru 60,000 lbs.	$ 4.000 /Cwt.
	over 60,000 thru 80,000 lbs.	$ 3.760 /Cwt.
	over 80,000 thru 9999,900 lbs.	$ 3.570 /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	13,000 - 22,000 Hrs.	11,000 - 20,000 Hrs.
Shovels	Gravels, silts, well broken rock, lift less than rated capacity.	Extremely abrasive tough materials, lifting near rated capacity, impact breakout.
Depreciation Period	11,000 - 22,000 Hrs.	9,000 - 20,000 Hrs.
Draglines	Gravels, silts, pull and lift less than rated capacity.	Highly abrasive materials, impact breakout, continuous load near rated capacity.
Depreciation Period	12,000 - 20,000 Hrs.	10,000 - 18,000 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	11,000 - 22,000 Hrs.	9,000 - 20,000 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	10,000 - 14,000 Hrs.	8,000 - 12,000 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	10,000 Hrs.	8,000 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. Overloading. Continuous high total resistance conditions. Rough haul roads.
Depreciation Period	10,000 Hrs.	8,000 Hrs.
Trucks, Off Highway	Varying loading and haul road conditions. Typical road-building use on a variety of jobs.	Consistently poor haul road conditions. Extreme overloading. Oversized loading equipment.
Depreciation Period	12,000 Hrs.	10,000 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. Extreme overloading.
Depreciation Period	8,000 Hrs.	6,000 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	10,000 - 12,000 Hrs.	8,000 - 10,000 Hrs.
Loaders, Front End Crawler Type	Bank excavation, intermittent ripping, basement digging of natural bed clays, sands, silts, gravels. Some traveling. Steady full throttle operations.	Loading shot rock, cobbles. High density materials in standard bucket. Continuous work on rock surfaces. Large amount of ripping of tight, rocky materials. High impact conditions.
Depreciation Period	10,000 Hrs.	8,000 Hrs.

GUIDE FOR SELECTING OPERATING CONDITIONS (Continued)

EQUIPMENT TYPE	AVERAGE	SEVERE
Motor Graders	Haul road maintenance. Road construction, ditching. Loose fill spreading. Land-forming, landleveling. Summer road maintenance with medium to heavy winter snow removal. Elevating grader use.	Maintenance of hard packed roads with embedded rock. Heavy fill spreading. Ripping-scarifying of asphalt or concrete. Continuous high load factor. High impact.
Depreciation Period	12,000 Hrs.	10,000 Hrs.

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 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	77	73	99	80
30	AIR COMPRESSORS	A	10	25	65	.000	.066	.038	0	.000	.000	.000	0	32	28	0	0	99	90
45	AIR TOOLS & EQUIP, TAMPERS ETC	A	4	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	99	150
60	ASPHALT DISTRIBUTORS	A	10	30	65	.000	.066	.038	0	.000	.000	.000	0	32	28	60	44	79	85
65	ASPHALT AND CONCRETE PAVERS	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	32	28	65	40	70	90
	BACKHOE (SEE KEY NO. 570-601)																		
75	BROOMS	A	10	20	65	.000	.066	.000	0	.000	.000	.000	0	24	0	77	73	99	90
80	BRUSH CHIPPERS	A	10	20	45	.000	.046	.027	0	.000	.000	.000	0	32	28	0	0	99	90
90	BUCKETS, CLAMSHELL & DRAGLINE	A	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
90		S	8	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	90
95	BUCKETS, CONCRETE	A	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
105	CONCRETE OR GROUT PUMP	A	8	20	95	.000	.097	.056	0	.000	.000	.000	0	32	28	0	0	0	90
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	A	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
125	CONCRETE MIXERS & BUGGIES	A	10	20	70	.700	.071	.041	0	.000	.000	.000	50	32	28	0	0	0	80
135	CONCRETE VIBRATORS	A	4	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	250
140	COMPACTORS, MANUALLY OPERATED	A	6	20	90	.000	.091	.053	0	.000	.000	.000	0	24	24	0	0	0	100
	CRANE, CRAWLER TYPE																		
150	0 THRU 25 TON	A	13	20	40	.000	.041	.024	0	.000	.000	.000	0	18	18	0	0	0	50
150		S	11	20	52	.000	.053	.031	0	.000	.000	.000	0	18	18	0	0	0	55
165	OVER 25 TON THRU 50 TON	A	15	20	40	.000	.041	.024	0	.000	.000	.000	0	18	18	0	0	0	60
165		S	13	20	52	.000	.053	.031	0	.000	.000	.000	0	18	18	0	0	0	65
170	OVER 50 TON THRU 150 TON	A	18	20	40	.000	.041	.024	0	.000	.000	.000	0	18	18	0	0	0	70
170		S	16	20	52	.000	.053	.031	0	.000	.000	.000	0	18	18	0	0	0	75
180	OVER 150 TON	A	20	20	40	.000	.041	.024	0	.000	.000	.000	0	18	18	0	0	0	80
180		S	18	20	52	.000	.053	.031	0	.000	.000	.000	0	18	18	0	0	0	85
	DRAGLINE & CLAMSHELL,CRAWLER																		
185	0 THRU 1 CY	A	12	20	50	.000	.051	.030	0	.000	.000	.000	0	18	18	0	0	0	70
185		S	10	20	65	.000	.066	.038	0	.000	.000	.000	0	18	18	0	0	0	80
190	OVER 1 CY THRU 2-1/2 CY	A	15	20	50	.000	.051	.030	0	.000	.000	.000	0	18	18	0	0	0	80
190		S	13	20	65	.000	.066	.038	0	.000	.000	.000	0	18	18	0	0	0	90
195	OVER 2-1/2 CY THRU 5 CY	A	18	20	50	.000	.051	.030	0	.000	.000	.000	0	18	18	0	0	0	90
195		S	16	20	65	.000	.066	.038	0	.000	.000	.000	0	18	18	0	0	0	100
196	OVER 5 CY	A	20	20	50	.000	.051	.030	0	.000	.000	.000	0	18	18	0	0	0	100
196		S	18	20	65	.000	.066	.038	0	.000	.000	.000	0	18	18	0	0	0	110

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	
200	CRANES, HYDRAULIC, SELF-PROPELLED	A	16	25	65	.000	.066	.038	0	.000	.000	.000	0	32	28	95	90	0	70
	CRANES & HYD. EXC. , TRK MTD																		
210	UNDER 26 T. (THRU 1 CY)	A	15	20	65	.000	.066	.038	10	.000	.010	.006	0	30	26	95	90	0	50
210		S	13	20	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	73	0	55
225	26 THRU 65 T (1 TH 2-1/2 CY)	A	18	20	65	.000	.066	.038	10	.000	.010	.006	0	30	26	95	90	0	60
225		S	16	20	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	73	0	65
230	66 THRU 125 T	A	20	20	65	.000	.066	.038	10	.000	.010	.006	0	30	26	95	90	0	70
230		S	18	20	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	73	0	75
240	OVER 125 T	A	22	20	65	.000	.066	.038	10	.000	.010	.006	0	30	26	95	80	0	80
240		S	20	20	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	73	0	85
255	DRILL, AUGER	A	10	20	50	.000	.051	.030	0	.000	.000	.000	0	32	28	67	57	0	90
270	DRILL, BLAST HOLE	A	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	90
300	DRILL, CORE	A	10	20	80	.000	.081	.047	0	.000	.000	.000	0	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	24	24	67	57	0	90
330	DRILL, ROTARY OVER 11" DIA.	A	20	20	80	.000	.081	.047	0	.000	.000	.000	0	24	24	67	57	0	90
345	DRILL, ROTARY OVER 11" DIA., ELECTRIC	A	20	20	70	.700	.000	.000	0	.000	.000	.000	50	0	0	0	0	0	45
375	FORK LIFTS	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	24	24	86	77	0	90
390	GRADERS	A	12	25	60	.000	.061	.035	0	.000	.000	.000	0	16	29	86	68	0	70
390		S	10	25	78	.000	.079	.046	0	.000	.000	.000	0	16	29	60	39	0	75
420	GENERATORS	A	10	30	65	.000	.066	.038	0	.000	.000	.000	0	24	24	0	0	0	80
420		S	9	30	85	.000	.086	.050	0	.000	.000	.000	0	24	24	0	0	0	90
435	HOIST	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	24	24	0	0	0	90
	HYD. EXCAVATOR (SEE KEY NO. 570-601)																		
440	LIGHT PLANTS	A	10	30	95	.000	.097	.056	0	.000	.000	.000	0	24	24	0	0	0	80
450	LOADER, BELT	A	10	30	65	.000	.066	.038	0	.000	.000	.000	0	32	28	26	0	99	90
450		S	8	30	85	.000	.086	.050	0	.000	.000	.000	0	32	28	16	0	99	100
460	LOADER,FRONT END &LOADER F/E	A	10	25	70	.000	.071	.041	0	.000	.000	.000	0	32	38	0	0	0	110
460	WITH BACKHOE,CRAWLER TYPE	S	8	25	91	.000	.092	.054	0	.000	.000	.000	0	32	38	0	0	0	120
	LOADER, WHEEL TYPE																		
465	0 THRU 225 HP	A	10	25	65	.000	.066	.038	0	.000	.000	.000	0	32	40	60	40	0	70
465		S	8	25	85	.000	.086	.050	0	.000	.000	.000	0	32	40	41	19	0	75
470	OVER 225 HP	A	12	20	65	.000	.066	.038	0	.000	.000	.000	0	32	30	60	40	0	80
470		S	10	20	85	.000	.086	.050	0	.000	.000	.000	0	32	30	41	19	0	85

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
475	LOADER, FRONT END WITH	A	10	25	65	.000	.066	.038	0	.000	.000	.000	0	32	28	60	40	0	80
475	BACKHOE,WHEEL TYPE	S	8	25	85	.000	.086	.050	0	.000	.000	.000	0	32	28	41	19	0	85
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	A	6	20	65	.000	.066	.038	0	.000	.000	.000	0	32	28	0	0	0	90
485	PIPELAYERS	A	12	25	35	.000	.000	.021	0	.000	.000	.000	0	0	32	0	0	0	40
485		S	10	25	45	.000	.000	.027	0	.000	.000	.000	0	0	32	0	0	0	45
	PUMP, GROUT (SEE KEY NO. 105)																		
495	PUMP, WATER, ENGINE DRIVE	A	10	20	90	.000	.091	.053	0	.000	.000	.000	0	32	38	0	0	0	80
500	PUMP, WATER, ELECTRIC DRIVE	A	10	20	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	64	99	90
530	ROLLERS, VIBRATORY	A	8	25	90	.000	.091	.053	90	.000	.091	.053	0	24	24	76	64	99	130
540	SCRAPERS, STANDARD	A	10	20	60	.000	.000	.035	60	.000	.000	.035	0	0	27	58	31	65	70
540		S	8	20	78	.000	.000	.046	78	.000	.000	.046	0	0	27	40	19	45	75
542	SCRAPERS, TANDEM POWERED	A	10	20	62	.000	.000	.037	62	.000	.000	.037	0	0	25	58	25	60	70
542		S	8	20	81	.000	.000	.048	81	.000	.000	.048	0	0	25	40	18	40	75
	SCRAPERS, ELEVATING																		
545	0 THRU 200 HP	A	10	20	66	.000	.000	.039	66	.000	.000	.039	0	0	34	0	25	60	85
545		S	8	20	86	.000	.000	.051	86	.000	.000	.051	0	0	34	0	18	40	90
550	OVER 200 HP	A	10	20	66	.000	.000	.039	66	.000	.000	.039	0	0	24	0	25	60	75
550		S	8	20	86	.000	.000	.051	86	.000	.000	.051	0	0	24	0	18	40	80
555	SCRAPERS, TRACTOR DRAWN	A	12	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	58	0	65	70
555		S	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	40	0	45	75
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED																		
570	0 THRU 1 CY	A	11	20	60	.000	.061	.035	0	.000	.000	.000	0	18	18	0	0	0	80
570		S	9	20	78	.000	.079	.046	0	.000	.000	.000	0	18	18	0	0	0	90
585	OVER 1 CY THRU 2-1/2 CY	A	13	20	60	.000	.061	.035	0	.000	.000	.000	0	18	18	0	0	0	90
585		S	11	20	78	.000	.079	.046	0	.000	.000	.000	0	18	18	0	0	0	100
595	OVER 2-1/2 CY THRU 5 CY	A	16	20	60	.000	.061	.035	0	.000	.000	.000	0	18	18	0	0	0	100
595		S	14	20	78	.000	.079	.046	0	.000	.000	.000	0	18	18	0	0	0	110
600	OVER 5 CY	A	18	20	60	.000	.061	.035	0	.000	.000	.000	0	18	18	0	0	0	110
600		S	16	20	78	.000	.079	.046	0	.000	.000	.000	0	18	18	0	0	0	120
601	OVER 2-1/2 CY ELECTRIC	A	22	20	50	.500	.000	.000	0	.000	.000	.000	25	0	0	0	0	0	80
601		S	20	20	65	.650	.000	.000	0	.000	.000	.000	25	0	0	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	
	TRACTOR, CRAWLER TYPE																		
615	0 THRU 225 HP	A	10	30	70	.000	.000	.041	0	.000	.000	.000	0	0	32	0	0	0	90
615		S	8	30	91	.000	.000	.054	0	.000	.000	.000	0	0	32	0	0	0	100
620	226 HP THRU 425 HP (PER	A	12	25	70	.000	.000	.041	0	.000	.000	.000	0	0	25	0	0	0	100
620	UNIT FOR TANDEM TRACTORS)	S	10	25	91	.000	.000	.054	0	.000	.000	.000	0	0	25	0	0	0	110
625	OVER 425 HP	A	14	20	70	.000	.000	.041	0	.000	.000	.000	0	0	22	0	0	0	115
625		S	12	20	91	.000	.000	.054	0	.000	.000	.000	0	0	22	0	0	0	125
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	20	65	.000	.066	.038	0	.000	.000	.000	0	24	28	60	44	0	60
645		S	8	20	85	.000	.086	.050	0	.000	.000	.000	0	24	28	46	17	0	65
650	TRENCHER	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	32	28	60	40	0	90
650		S	8	20	85	.000	.086	.050	0	.000	.000	.000	0	32	28	41	19	0	100
655	TRAILERS, BOTTOM DUMP AND	A	10	25	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	61	70
655	END DUMP	S	8	25	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	44	80
660	TRAILERS, FLATBED, LO-BOY AND TILT	A	10	30	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	61	60
	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	.000	.066	.000	0	.000	.000	.000	0	32	0	0	0	0	70
	TRUCK, HIGHWAY																		
690	0 THRU 10,000 GVW	A	8	20	20	.000	.020	.012	0	.000	.000	.000	0	32	28	47	40	0	70
690		S	6	20	26	.000	.026	.015	0	.000	.000	.000	0	32	28	33	20	0	80
695	OVER 10,000 THRU 30,000 GVW	A	8	20	40	.000	.041	.024	0	.000	.000	.000	0	32	28	47	40	0	70
695		S	6	20	52	.000	.053	.031	0	.000	.000	.000	0	32	28	33	20	0	80
705	OVER 30,000 GVW	A	8	20	60	.000	.061	.035	0	.000	.000	.000	0	32	28	47	40	61	70
705		S	6	20	78	.000	.079	.046	0	.000	.000	.000	0	32	28	33	20	44	80
720	TRUCK, OFF-HIGHWAY	A	12	20	40	.000	.000	.024	0	.000	.000	.000	0	0	33	58	36	65	70
720		S	10	20	52	.000	.000	.031	0	.000	.000	.000	0	0	33	40	22	45	80
765	WAGON, BOTTOM DUMP & WATER	A	12	20	65	.000	.066	.038	0	.000	.000	.000	0	24	28	58	36	65	60
765		S	10	20	85	.000	.086	.050	0	.000	.000	.000	0	24	28	40	22	45	65
780	WAGON, REAR DUMP	A	12	20	65	.000	.066	.038	0	.000	.000	.000	0	24	28	58	36	65	70
780		S	10	20	85	.000	.086	.050	0	.000	.000	.000	0	24	28	40	22	45	80

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	
785	WATER BLASTER	A	6	20	95	.000	.097	.056	0	.000	.000	.000	0	24	28	0	0	0	110
795	WATER TANKS	A	12	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	60
810	WELDERS	A	6	30	80	.000	.081	.047	0	.000	.000	.000	0	24	24	0	0	99	90
811	WELDERS ELECTRIC POWER	A	8	30	60	.600	.000	.000	0	.000	.000	.000	30	0	0	0	0	0	40

APPENDIX E

SALVAGE AND REPAIR INDEXES FOR CONSTRUCTION EQUIPMENT

	YEAR PURCHASE NEW												
	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970
	AGE IN YEARS												
CATEGORY	0	1	2	3	4	5	6	7	8	9	10	11	12
Air Equipment	1618	1571	1630	1521	1354	1295	1186	1165	1028	935	920	929	936
Asphalt $ Concrete Paving Equipment	2589	2490	2296	2111	1941	1815	1686	1610	1451	1304	1263	1235	1163
Buckets	4341	4195	3879	3280	2963	2738	2520	2175	1838	1430	1370	1316	1188
Cranes, Draglines & Clamshells - Crawler & Truck Mounted	3197	3009	2782	2512	2301	2138	2010	1843	1522	1305	1260	1212	1147
Drills	2790	2580	2265	1993	1858	1699	1638	1559	1373	1249	1184	1160	1115
Generators	3530	3289	2817	2390	2301	2128	2053	1839	1456	1316	1283	1243	1188
Graders, Motor	3548	3277	2992	2687	2492	2259	2109	1956	1604	1361	1244	1208	1152
Loaders, Track	3188	2988	2666	2376	2188	2024	1859	1755	1445	1249	1219	1184	1135
Loaders, Wheel	3714	3430	2938	2606	2375	2156	2002	1907	1584	1362	1317	1261	1197
Pile Driving Equipment	3417	3202	2894	2562	2329	2135	1989	1852	1523	1307	1257	1218	1159
Rollers	3810	3453	3183	2653	2396	2139	1983	1872	1556	1328	1279	1230	1178
Scrapers	3548	3277	2992	2687	2492	2259	2109	1956	1604	1361	1244	1208	1152
Shovels, Backhoes & Hydraulic Excavators	3197	3009	2782	2512	2301	2138	2010	1843	1522	1305	1260	1212	1147
Tractors, Crawler & Attachments	3576	3342	3061	2750	2482	2247	2053	1916	1573	1329	1281	1236	1181
Tractors, Wheel	3578	3256	2927	2578	2319	2125	1956	1813	1498	1288	1251	1211	1152
Trenchers	3921	3605	3153	2772	2580	2300	1894	1633	1527	1384	1316	1284	1207
Trucks, Highway	2995	2619	2324	2108	1934	1775	1646	1524	1369	1230	1211	1185	1114
Trucks & Wagons - Off Highway	3650	3360	2964	2588	2364	2196	2081	1965	1568	1315	1293	1245	1190
All Other Equipment	3417	3202	2894	2562	2329	2135	1989	1852	1523	1307	1257	1218	1159

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, 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 in Figure F-1.

No.	Condition	Factor Average	Factor Severe
A	Maintenance	1.0	1.0
B	Speeds	0.8	0.9
C	Curves	1.0	0.85
D	Surface Condition	0.9	0.65
E	Loads	0.9	0.9
		0.648	0.448
F	Wheel Positions		
	Trailing (T-Tire)	1.0	1.0
	Front (F-Tire)	0.9	0.9
	Driver (D-Tire)		
	(Rear Dump)	0.7	0.7
	(Bottom Dump)	0.7	0.7
	(Self-Propelled Scrapers)	0.6	0.6
G	Grades		
	Driver	0.80	0.7
TOTALS			
	Trailing (T-Tire)	0.65	0.45
	Front (F-Tire)	0.58	0.40
	Driver (D-Tire)		
	(Rear Dump)	0.36	0.22
	(Bottom Dump)	0.36	0.22
	(Self-Propelled Scrapers)	0.31	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.
(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.