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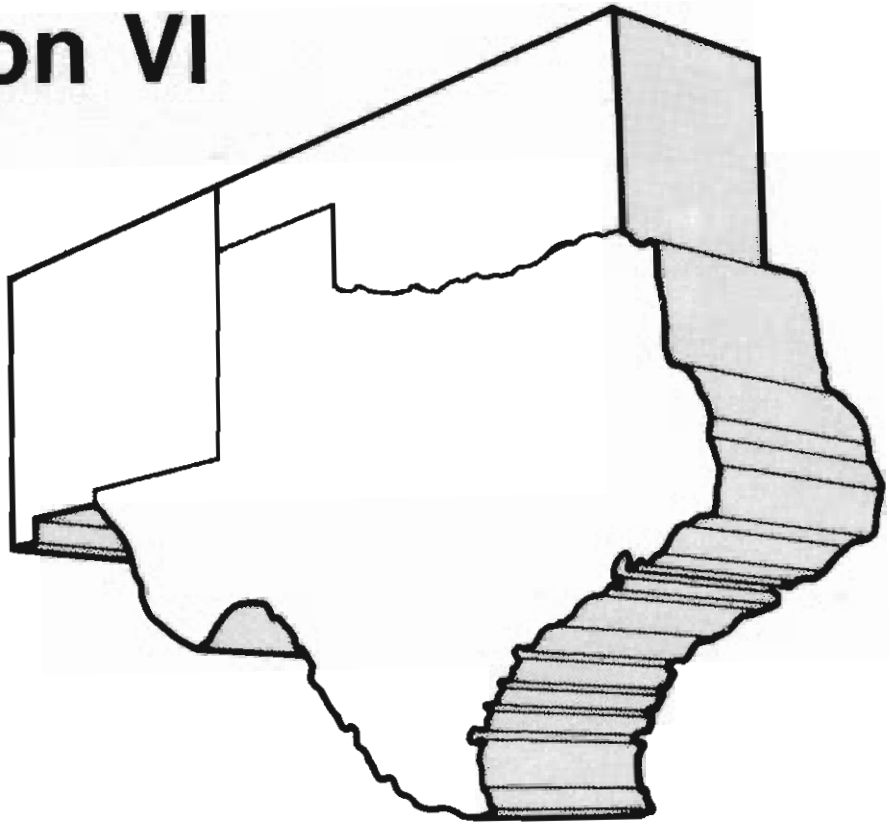
Construction Equipment Ownership and Operating Expense Schedule

Region VI



Regions for the Construction Equipment Ownership and Operating Expense Schedule

DAEN-ECE-S

DEPARTMENT OF THE ARMY
US Army Corps of Engineers
Washington, DC 20314-1000

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Pamphlet
No. 1110-1-8

1 June 1985

Engineering and Design
CONSTRUCTION EQUIPMENT OWNERSHIP
AND OPERATING EXPENSE SCHEDULE

1. Purpose. This pamphlet establishes predetermined equipment ownership and operating expense rates for use in preparation of estimates and in pricing negotiated procurements requiring independent Government estimates.

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

New Mexico
Oklahoma
Texas

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 1983. 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:

PAUL W. TAYLOR
Colonel, Corps of Engineers
Chief of Staff

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DEPARTMENT OF THE ARMY
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CHAPTER 1

INTRODUCTION

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

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

New Mexico
Oklahoma
Texas

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 1983. 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 on those contracts which require an independent Government estimate. These include all construction contracts (except dredging) and all negotiated procurements. This pamphlet shall also be used in pricing of contract modifications when:

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

b. Cost or pricing data is required and actual cost data to support either ownership or operating costs for 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 Federal Acquisition Regulations (FAR).

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 EAF factor is obtained from APPENDIX E and is equal to the economic index for the current year divided by the economic index for the year the equipment was manufactured. The ownership costs shown in TABLE 3-1 represent the hourly costs for new equipment manufactured and purchased in 1983.

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

(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 FAR 31.205-10 and CAS 414 is included in the use rates. This cost was computed by multiplying the cost of money rate (12.125%) determined by the Secretary of the Treasury pursuant to P.L. 92-41 (85 Stat. 97) by the average value of equipment and prorating the result over the annual operating hours. This cost of money rate was discounted to 9.70% to avoid duplication when applying markups for overhead and profit.

$$\text{CFC/hr} = \frac{[(N-1)(1+S)+2] \quad (\text{Equipment Cost}) \quad (9.70\%)}{2N \quad (\text{Work Hrs per Year})}$$

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

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

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

d. Operating Cost.

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

(2) Fuel Consumption Cost.

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

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

where:

(1) BHP as used 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. In no event shall the allowance for the hourly "FOG" costs be adjusted in conjunction with any fuel price revisions.

(3) Filters, Oil and Grease Costs (FOG). "FOG" costs are computed as either a percentage of the hourly fuel costs (see APPENDIX D) or, if the equipment has no engine, a reasonable hourly cost is included. Labor, fringe benefits, and equipment costs for fueling, greasing, and servicing are included in the rate. Material costs for filters, oil, and grease include an allowance for all taxes. The "FOG" allowance for cranes,

draglines, backhoes, and shovels (except Key Numbers 150, 185, 200, 210, and 570) has been reduced to allow for servicing normally performed by the oiler assigned to the piece of equipment.

(4) Maintenance and Repair Costs.

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

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

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

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

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

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

(5) Hourly Tire Cost.

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

(b) The hourly tire cost equals the current cost of new tires plus the cost of one recapping divided by the expected life of the new tires plus the life of the recapped tires. It has been determined that a recap costs approximately 50 percent of the new tire cost and that the life of a new tire plus recapping will equal approximately 1.8 times the "useful life" of a new tire.

(c) The useful tire life was determined from the method and tables in "Production and Cost Estimating of Material Movement with Earthmoving Equipment," (dated September 1975) 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.

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 3260

(1) Equipment Description P&H Truck Crane 50-ton

(2) Model and Series 650 A-TC w/150' Boom

(3) Year Purchased 1983 (4) Year Manufactured 1983

(5) Equipment Horsepower 135 (6) Carrier Horsepower 235

(7) Fuel Type Diesel / Diesel (8) Shipping Weight 122,222 lbs.

(9) Tire Size: Front-14X20 18PR Drive-14X20 18PR Trailing-

b. Key Number from APPENDIX D 225

(1) Condition Average

(2) Salvage Value % 15 (3) Life 18,000 Hrs

(4) Equipment Fuel Factor .038 (5) Carrier Fuel Factor .036

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

(7) Tire Wear Factor: Front .97 Drive .78 Trailing N/A

(8) Repairs Cost Factor .60

2. EQUIPMENT COST

a. List Price Year of Manufacture (including extras) =$ 403,894.00

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

=($ 403,894) x *.075 =(-)$ 30,292.05

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

=(1,222 cwt) x ($ 3.50) =(+)$ 4,277.00

b. Subtotal: Summation of Part a. (Use actual cost when available) =$ 377,878.95

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

=($ 377,878.95) x (.04) =(+)$ 15,115.16

c. Equipment Cost: Summation of Part b. (Use actual cost when available) =$ 392,994.11

ENG FORM 4737-R, Jan 83 EDITION OF MAY 81 IS OBSOLETE. (Proponent: DAEN-CWE-BA and ECE-S)

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) ÷ (1700 Hrs/Yr) 10.59 Yrs.

4. ECONOMIC ADJUSTMENT FACTOR (EAF)

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

=(3437) ÷ (3282) =1.047 (EAF)

5. SALVAGE VALUE FACTOR (S)

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

=(.15) x (1.047) =.157 (S)

6. OWNERSHIP COSTS

a. Depreciation:

[(Equipment Cost From 2-c) x [1.0 - (S From 5)] - (Tire Cost Yr. of Mfg.)] ÷ (Life From 1-b-(3))

=[($ 392,994) x [1.0 - (.157)] - ($ 8211)] ÷ (18,000 Hr) =$ 17.95 /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]

=[[(10.59 Yrs)-1.0] x [(.157)+1.0] + 2.0] ÷ [(10.59 Yrs)x2.0] = .6183

(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)

=($ 392,994) x (.6183) x (.097) ÷ (1700 Hrs/Yr) =$ 13.86 /Hr.

c. Total Hourly Ownership: (Sum 6-a + 6-b-(2)) =$ 31.81 /Hr.

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Figure 2-1. (Contuined)

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

7. OPERATING COSTS

a. Fuel Costs:

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

=(.038) x (135 HP) x ($ .85 /Gal) =$ 4.36/Hr.

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

=(.006) x (236 HP) x ($ 1.05 /Gal) =$ 1.49 /Hr.

(3) Total Fuel Costs: (Sum 7-a-(1), 7-a-(2)) =$ 5.85/Hr.

b. FOG Costs:

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

=(.26) x ($ 4.36 /Hr) =$ 1.13 /Hrs.

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

=(.26) x ($ 1.49 /Hr) =$ .39 /Hr.

(3) Total FOG Costs: (Sum 7-b-(1), 7-b-(2)) =$ 1.52/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 (1.047) x (0.93) = .584

(2) Hourly Repairs:

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

=[($ 392,994) - ($ 8,211)] x (.584) ÷ (18,000 Hr) =$ 12.48/Hr.

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Figure 2-1. (Continued)

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

d. Tire Wear Costs (Current Price Levels):

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

=1.5x($ 2,776)+ [1.8x(.97)x(5,000 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($ 5,552)+ [1.8x(.78)x(5,000 Hr)] =$ 1.19/Hr.

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

=1.5x($ —)+ [1.8x( )x(Hr)] =$ —/Hr.

(4) Total Tire Wear Cost: (Sum 7-d-(1) thru (3)) =$ 1.67/Hr.

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

=($ 1.67) x 0.15 =$ .25/Hr.

f. Total Operating Costs: (Sum 7-a thru 7-e) =$ 21.77/Hr.

8. TOTAL HOURLY RATES

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

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

=($ 31.81/Hr) + ($ 21.77/Hr) =$ 53.58/Hr.

b. Hourly Rate for Other Work Shifts:

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

=($ 17.95/Hr) + [($ 13.86/Hr)x40÷(60 Hr/Wk)] + ($ 21.77/Hr) =$ 48.96/Hr.

c. Hourly Standby Rate:

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

=($ 17.95/Hr) x 0.25 + ($ 13.86/Hr) =$ 18.35/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 31.205-24 of FAR.

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

$$CFC = \frac{[(N-1)\ (1+S) + 2]\ (9.70\%)}{2N}$$

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 contracting officer shall determine the number of use-months per year for the contract dredge based on the industry average for the same type and size dredge. Use-months includes time spent on all Government and non-Government work, including foreign and domestic. Attendant plant shall be based on the same number of use-months per year as the contract dredge.

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	PERCENT ANNUAL OWNERSHIP EXPENSE DEPRE-CIATION	CFC	TOTAL
Hydraulic dredge, including hydraulic dredges used as Boosters:					
10-inch thru 14-inch	20	.05	4.75	5.32	10.07
16-inch thru 20-inch	25	.10	3.60	5.51	9.11
24-inch and over	30	.10	3.00	5.48	8.48
Booster & Barge:					
10-inch thru 14-inch	20	.05	4.75	5.32	10.07
16-inch thru 20-inch	25	.10	3.60	5.51	9.11
24-inch and over	30	.10	3.00	5.48	8.48
Dredge, Hopper	25	.10	3.60	5.51	9.11
Dredge, Hopper, split hull	20	.10	4.50	5.55	10.05
Dredge, clamshell/ dragline	20	.05	4.75	5.32	10.07
Dredge, Dipper/Hyd Excav	25	.05	3.80	5.28	9.08
Bucket Dredge	30	.10	3.00	5.48	8.48
Dump Scows	20	.05	4.75	5.32	10.07
Barges:					
Fuel	20	.05	4.75	5.32	10.07
Water	20	.05	4.75	5.32	10.07
Equipment or Work	20	.05	4.75	5.32	10.07
Derrick	20	.10	4.50	5.55	10.05
Anchor	20	.05	4.75	5.32	10.07
Drill Boat or Barge	20	.10	4.50	5.55	10.05
Mooring Barge	20	.05	4.75	5.32	10.07
Tugs	20	.10	4.50	5.55	10.05
Tenders	20	.10	4.50	5.55	10.05
Launches	12	.05	7.92	5.48	13.40
Shore Pipeline (Average)	3	0	33.33	6.47	39.80
Floating Line:					
Pontoons	15	0	6.67	5.17	11.84
Pipeline/Joints (Avg)	10	0	10.00	5.34	15.34

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 3175 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. The gross combined weight (GCW) of the truck, trailer, and payload must not exceed the GCW rating shown.

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

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

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

TABLE 3-1. HOURLY EQUIPMENT OWNERSHIP AND OPERATING EXPENSE

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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
	AGGREGATE SPREADER **********									
	ETNYRE - SELF-PROPELLED									
1010	SPREAD TO 8" DEPTH & 10' WIDE 184 HP G	55,693	22.46		3.21	6.45	9.76			155
1015	SPREAD TO 8" DEPTH & 13' WIDE 140 HP D	62,249	16.00		3.59	7.22	3.57			160
	AIR COMPRESSORS, PORTABLE ********** (HOSE NOT INCLUDED)									
	ROTARY SCREW									
1030	SIZE 100 CFM QUIET 100 PSI 50 HP G	11,112	6.55		0.64	1.25	3.43			20
1035	SIZE 100 CFM QUIET 100 PSI 33 HP D	13,332	3.79		0.77	1.50	1.07			26
1040	SIZE 125 CFM QUIET 100 PSI 70 HP G	13,599	8.81		0.79	1.53	4.80			24
1045	SIZE 125 CFM QUIET 100 PSI 51 HP D	14,465	4.74		0.84	1.63	1.65			26
1050	SIZE 175 CFM QUIET 100 PSI 70 HP G	14,842	9.03		0.86	1.67	4.80			26
1055	SIZE 175 CFM QUIET 100 PSI 54 HP D	16,838	5.29		0.98	1.90	1.74			28
1060	SIZE 185 CFM QUIET 100 PSI 70 HP G	15,323	9.12		0.89	1.73	4.80			27
1065	SIZE 185 CFM QUIET 100 PSI 69 HP D	18,073	6.13		1.05	2.04	2.23			29
1070	SIZE 250 CFM QUIET 100 PSI 88 HP D	26,946	8.53		1.56	3.04	2.84			55
1075	SIZE 375 CFM QUIET 100 PSI 122 HP D	33,416	11.13		1.92	3.72	3.94			79
1080	SIZE 450 CFM QUIET 100 PSI 152 HP D	43,291	14.16		2.49	4.84	4.91			89
1085	SIZE 600 CFM QUIET 100 PSI 188 HP D	51,971	17.24		3.00	5.82	6.07			97
1090	SIZE 750 CFM QUIET 100 PSI 228 HP D	60,288	20.40		3.49	6.77	7.36			128
1095	SIZE 825 CFM QUIET 100 PSI 260 HP D	68,578	23.23		3.96	7.70	8.40			130
1100	SIZE 900 CFM QUIET 100 PSI 270 HP D	75,150	24.82		4.34	8.44	8.72			148
1105	SIZE 1000 CFM QUIET 100 PSI 294 HP D	84,036	27.45		4.86	9.46	9.50			186
1110	SIZE 1200 CFM QUIET 100 PSI 400 HP D	100,482	34.82		5.82	11.33	12.92			196
1115	SIZE 1600 CFM QUIET 100 PSI 456 HP D	113,596	39.52		6.57	12.79	14.73			216

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
	AIR EQUIPMENT ********** (HOSE NOT INCLUDED)									
	CLEMCO - SANDBLASTERS									
1130	SCW-1042P SANDBLASTER 1/2" HOSE 101CFM A CAP. 100 LBS. W/ACC. AND 25' HOSE	1,495	0.98		0.15	0.37	0.00			3
1135	SCW-1440P SANDBLASTER 1" HOSE 101CFM A CAP. 150 LBS W/ACC. AND 50' HOSE	2,723	1.71		0.26	0.66	0.00			5
1140	SCWB-1648P SANDBLASTER 1" HOSE 101CFM A CAP. 300 LBS. W/ACC. AND 50' HOSE	2,742	1.72		0.26	0.66	0.00			6
1145	SCWB-2452HPSANDBLASTER 1-1/4" HOS 216CFM A CAP. 600 LBS. W/ACC. AND 50' HOSE	3,014	1.96		0.28	0.73	0.00			7
1150	SCH-3079 SANDBLASTER 1-1/4" PIPE 216CFM A CAP. 1400 LBS W/HOPPER & 50' HOSE	4,074	2.61		0.38	0.99	0.00			9
1155	MOD 60-H SANDBLASTER 1-1/4" PIPE 450CFM A CAP. 3-TONS W/2 NOZZ. & 50' HOSE	11,849	7.34		1.09	2.79	0.00			28
1160	MOD 120-H SANDBLASTER 1-1/4" PIPE 700CFM A CAP. 6-TONS W/3 NOZZ. & 50' HOSE	14,578	8.98		1.32	3.36	0.00			45
1165	MOD 160-H SANDBLASTER 1-1/4" PIPE 900CFM A CAP. 8-TONS W/4 NOZZ. & 50' HOSE	17,778	11.03		1.62	4.14	0.00			53
	GARDNER DENVER - TOOLS									
1175	SPADER SP27E 32CFM A	906	0.61		0.09	0.22	0.00			1
1180	SINKER DRILL S58 98CFM A	1,987	1.31		0.19	0.48	0.00			1
1185	PAVING BREAKER B37 41CFM A	930	0.62		0.09	0.22	0.00			1
1190	PAVING BREAKER B67C 46CFM A	997	0.66		0.09	0.24	0.00			1
1195	PAVING BREAKER B87C 50CFM A	1,084	0.72		0.10	0.26	0.00			1
1200	FEED LEG DRILL S83F-54" TRAVEL 103CFM A RETRACTABLE FL-7	3,650	2.34		0.34	0.88	0.00			1
	MASTER - CONCRETE VIBRATORS									
1210	CONCRETE VIBR. MOD A-600SH 6" 125CFM A	1,960	1.82		0.19	0.48	0.00			1
1215	CONCRETE VIBR. MOD A-450SH 4.5" 110CFM A	1,260	1.21		0.12	0.31	0.00			1
1220	CONCRETE VIBR. MOD A-35010 3.5" 82CFM A	1,131	1.06		0.11	0.27	0.00			1
1225	CONCRETE VIBR. MOD A-30010 3" 64CFM A	1,021	0.95		0.10	0.25	0.00			1
1230	CONCRETE VIBR. MOD A-25010 2.5" 40CFM A	800	0.75		0.08	0.20	0.00			1

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	ASPHALT DISTRIBUTOR - ROSCO ********** (NO CHASSIS)									
1240	MOD RES 1000 GAL. TRUCK MOUNTED 45 HP G 18,000 TO 24,000 GVW REQUIRED	27,452	9.55		1.60	3.23	3.09			72
1245	MOD RES 1500 GAL. TRUCK MOUNTED 45 HP G 24,000 TO 32,000 GVW REQUIRED	28,105	9.68		1.64	3.31	3.09			75
1250	MOD RES 2000 GAL. TRUCK MOUNTED 45 HP G 32,000 GVW REQUIRED	30,066	10.07		1.75	3.54	3.09			87
1255	MOD RES 3000 GAL. TRUCK MOUNTED 45 HP G 42,000 GVW REQUIRED	33,733	10.80		1.96	3.97	3.09			109
	ASPHALT FINISHERS ********** SPW=STANDARD PAVING WIDTH									
	BARBER-GREENE									
1265	MOD SB111 8' SPW (PNEUMATIC) 70 HP D	89,414	21.23		5.16	10.38	2.26			165
1270	MOD SB131 10' SPW (PNEUMATIC) 95 HP D W/VIB SCREED, AUTO. FEEDERS AND GR CONTROL	142,191	33.21		8.18	16.39	3.07			258
1275	MOD SB140 10' SPW (PNEUMATIC) 130 HP D OPTIONS SAME AS MOD SB131	158,173	37.93		9.11	18.28	4.20			325
1280	MOD SA150 10' SPW (CRAWLER) 130 HP D OPTIONS SAME AS MOD SB131	188,304	43.77		10.94	22.15	4.20			375
	BLAW-KNOX									
1290	MOD PF-22 5'SPW (PNEUMATIC) 22 HP D	46,083	10.42		2.64	5.28	0.71			95
1295	MOD PF-35 6'SPW (PNEUMATIC) 56 HP D	72,530	17.23		4.19	8.40	1.81			104
1300	MOD PF-115 8'SPW (PNEUMATIC) 58 HP D	100,611	23.07		5.80	11.65	1.87			180
1305	MOD PF-120H 8'SPW (PNEUMATIC) 87 HP D	125,626	29.51		7.22	14.45	2.81			240
1310	MOD PF-180H 10'SPW (PNEUMATIC) 88 HP D	147,110	33.98		8.45	16.90	2.84			277
1315	MOD PF-220 12'SPW (PNEUMATIC) 157 HP D	194,934	46.74		11.19	22.39	5.07			387
1320	MOD PF-400 8'SPW (CRAWLER) 76 HP D	138,199	31.32		8.03	16.26	2.45			230
1325	MOD PF-500 10'SPW (CRAWLER) 110 HP D	165,528	38.29		9.62	19.47	3.55			291

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	ASPHALT KETTLES - ROSCO **********									
1335	MOD KB 110 GAL. TRAILER MOUNTED	3,714	1.87		0.24	0.51	0.00			13
1340	MOD KD 225 GAL. TRAILER MOUNTED	4,316	2.11		0.28	0.59	0.00			16
	ASPHALT RECYCLER - BOMAG **********									
1350	MOD AR-6 TRAILER MOUNTED 8 HP G	10,213	4.69		0.65	1.40	0.55			21
	BROOMS - M-B **********									
1360	MOD 53T HYD 7 FT. TOWED MECH DRIVE W/SPRINKLER	6,387	1.40		0.37	0.71	0.00			24
1365	MOD 53-M 7 FT. TOWED 21 HP G MOTOR DRIVEN W/SPRINKLER	8,274	3.37		0.48	0.93	1.44			30
1370	MOD MT 7 FT. TRACTOR MOUNTED PTO DRIVE W/SPRINKLER	2,799	0.72		0.16	0.32	0.00			10
1375	MOD HT 7 FT. TRACTOR MOUNTED HYD DRIVE W/SPRINKLER	4,341	0.95		0.25	0.49	0.00			14
	BRUSH CHIPPERS - FMC **********									
1385	MOD C-16S SKID-MTD 16" DIA.LOG 150 HP G	11,576	11.85		0.67	1.36	7.18			41
1390	MOD C-16T TRAILER-MTD 16" DIA.LOG 150 HP G	12,668	12.08		0.74	1.47	7.18			45
	BUCKETS, CLAMSHELL **********									
	ESCO - MODEL GPS GENERAL PURPOSE & SQUARE NOSE									
1400	.75 C.Y.	10,105	1.90	2.42	0.58	1.22	0.00	1.45	0.00	37
1405	1.0 C.Y.	10,875	2.05	2.60	0.63	1.32	0.00	1.56	0.00	41
1410	1.5 C.Y.	15,753	2.96	3.78	0.91	1.91	0.00	2.27	0.00	61
1415	2.0 C.Y.	18,505	3.50	4.43	1.08	2.26	0.00	2.66	0.00	69
1420	2.5 C.Y.	23,875	4.50	5.71	1.39	2.90	0.00	3.43	0.00	88
1425	3.0 C.Y.	25,416	4.79	6.09	1.48	3.09	0.00	3.66	0.00	94
1430	3.5 C.Y.	27,636	5.21	6.61	1.61	3.36	0.00	3.97	0.00	105

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
	BUCKETS, CLAMSHELL (CONT'D) **********									
	ESCO - MODEL GPS GEN PURPOSE & SQUARE NOSE (CONT'D)									
1435	4.0 C.Y.	30,639	5.77	7.34	1.78	3.72	0.00	4.41	0.00	115
1440	4.5 C.Y.	33,295	6.28	7.97	1.94	4.05	0.00	4.79	0.00	126
1445	5.0 C.Y.	35,495	6.69	8.49	2.06	4.31	0.00	5.10	0.00	140
1450	5.5 C.Y.	39,293	7.41	9.41	2.29	4.78	0.00	5.65	0.00	152
1455	6.0 C.Y.	40,894	7.71	9.79	2.38	4.97	0.00	5.88	0.00	160
1460	6.5 C.Y.	42,100	7.94	10.08	2.45	5.12	0.00	6.05	0.00	169
1465	7.0 C.Y.	44,309	8.36	10.61	2.58	5.39	0.00	6.37	0.00	177
1470	7.5 C.Y.	46,092	8.70	11.03	2.69	5.61	0.00	6.62	0.00	184
	ESCO - MODEL HDS HEAVY DUTY & SQUARE NOSE									
1480	.75 C.Y.	9,644	1.83	2.31	0.57	1.18	0.00	1.39	0.00	33
1485	1.0 C.Y.	13,426	2.54	3.21	0.79	1.64	0.00	1.93	0.00	46
1490	1.5 C.Y.	19,706	3.72	4.71	1.15	2.40	0.00	2.83	0.00	70
1495	2.0 C.Y.	21,362	4.03	5.11	1.24	2.60	0.00	3.07	0.00	78
1500	2.5 C.Y.	26,865	5.06	6.43	1.56	3.26	0.00	3.86	0.00	98
1505	3.0 C.Y.	29,576	5.58	7.09	1.73	3.60	0.00	4.26	0.00	109
1510	3.5 C.Y.	34,005	6.42	8.13	1.98	4.14	0.00	4.88	0.00	120
1515	4.0 C.Y.	36,713	6.92	8.79	2.14	4.46	0.00	5.28	0.00	131
1520	4.5 C.Y.	39,581	7.47	9.48	2.31	4.82	0.00	5.69	0.00	141
1525	5.0 C.Y.	42,464	8.00	10.17	2.47	5.16	0.00	6.11	0.00	155
1530	5.5 C.Y.	44,949	8.47	10.76	2.61	5.46	0.00	6.46	0.00	164
1535	6.0 C.Y.	47,301	8.92	11.32	2.75	5.75	0.00	6.80	0.00	174
1540	6.5 C.Y.	49,948	9.41	11.96	2.91	6.07	0.00	7.18	0.00	185
1545	7.0 C.Y.	52,184	9.83	12.50	3.03	6.34	0.00	7.51	0.00	193
1550	7.5 C.Y.	54,380	10.25	13.02	3.16	6.61	0.00	7.82	0.00	201

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 (CONT'D) **********									
	ESCO - MODEL XDS EXTRA HEAVY DUTY & SQUARE NOSE									
1560	.75 C.Y.	15,268	2.88	3.65	0.89	1.86	0.00	2.19	0.00	50
1565	1.0 C.Y.	15,588	2.94	3.73	0.91	1.90	0.00	2.24	0.00	55
1570	1.5 C.Y.	22,517	4.24	5.39	1.31	2.73	0.00	3.24	0.00	81
1575	2.0 C.Y.	27,748	5.24	6.64	1.62	3.38	0.00	3.99	0.00	99
1580	2.5 C.Y.	31,243	5.89	7.48	1.82	3.80	0.00	4.49	0.00	115
1585	3.0 C.Y.	34,076	6.42	8.16	1.98	4.14	0.00	4.90	0.00	127
1590	3.5 C.Y.	36,791	6.93	8.81	2.14	4.47	0.00	5.29	0.00	141
1595	4.0 C.Y.	39,182	7.38	9.38	2.28	4.76	0.00	5.63	0.00	150
1600	4.5 C.Y.	40,856	7.71	9.78	2.38	4.97	0.00	5.87	0.00	160
1605	5.0 C.Y.	44,428	8.38	10.64	2.59	5.41	0.00	6.39	0.00	173
1610	5.5 C.Y.	47,248	8.91	11.31	2.75	5.75	0.00	6.79	0.00	185
1615	6.0 C.Y.	49,843	9.41	11.94	2.91	6.07	0.00	7.17	0.00	195
1620	6.5 C.Y.	52,691	9.94	12.62	3.07	6.41	0.00	7.58	0.00	208
1625	7.0 C.Y.	54,794	10.33	13.12	3.19	6.66	0.00	7.88	0.00	218
1630	7.5 C.Y.	57,582	10.86	13.79	3.35	7.00	0.00	8.28	0.00	229
	BUCKETS, CONCRETE - GAR-BRO **********									
	GENERAL PURPOSE & MANUAL									
1640	433-G 1.0 C.Y.	1,523	0.28		0.09	0.18	0.00			6
1645	442-G 1.5 C.Y.	1,904	0.35		0.11	0.22	0.00			8
1650	462-G 2.0 C.Y.	2,465	0.46		0.14	0.29	0.00			11
1655	493-G 3.0 C.Y.	3,481	0.64		0.20	0.41	0.00			19
1660	4123-G 4.0 C.Y.	4,365	0.81		0.26	0.52	0.00			23

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 (CONT'D) **********									
	LOW SLUMP - AIR OPERATED GATE									
1670	440-A 1.0 C.Y.	6,315	1.16		0.37	0.74	0.00			19
1675	450-A 1.5 C.Y.	6,565	1.21		0.38	0.77	0.00			21
1680	460-A 2.0 C.Y.	6,820	1.26		0.40	0.80	0.00			23
1685	493-A 3.0 C.Y.	8,962	1.65		0.52	1.05	0.00			42
1690	4139-A 4.0 C.Y.	9,331	1.72		0.55	1.10	0.00			52
1695	4200-A 6.0 C.Y. DBL. COMPT.	13,476	2.49		0.79	1.59	0.00			72
1700	4250-A 8.0 C.Y. DBL. COMPT.	16,118	2.98		0.94	1.90	0.00			80
	LAYDOWN - HEAVY DUTY - AIR GATE									
1710	425-A 1.0 C.Y.	7,143	1.32		0.41	0.84	0.00			26
1715	465-A 2.0 C.Y.	7,978	1.47		0.47	0.94	0.00			31
1720	495-A 3.0 C.Y.	9,251	1.70		0.53	1.08	0.00			40
1725	4125-A 4.0 C.Y.	10,300	1.90		0.60	1.21	0.00			49
1730	4155-A 5.0 C.Y.	12,065	2.23		0.70	1.42	0.00			60
	BUCKETS, DRAGLINE **********									
	HENDRIX - MODEL LS LIGHT WEIGHT & PERFORATED									
1745	.75 C.Y.	3,389	0.65	0.81	0.20	0.42	0.00	0.49	0.00	15
1750	1.0 C.Y.	4,022	0.76	0.96	0.24	0.49	0.00	0.58	0.00	18
1755	1.5 C.Y.	4,916	0.93	1.18	0.29	0.60	0.00	0.71	0.00	26
1760	2.0 C.Y.	5,807	1.10	1.39	0.34	0.71	0.00	0.83	0.00	32
1765	2.5 C.Y.	6,821	1.29	1.63	0.40	0.83	0.00	0.98	0.00	37
1770	3.0 C.Y.	8,411	1.58	2.01	0.49	1.02	0.00	1.21	0.00	46
1775	3.5 C.Y.	9,300	1.75	2.22	0.54	1.13	0.00	1.33	0.00	50
1780	4.0 C.Y.	11,336	2.14	2.71	0.66	1.38	0.00	1.63	0.00	65
1785	4.5 C.Y.	12,035	2.28	2.88	0.71	1.47	0.00	1.73	0.00	69
1790	5.0 C.Y.	14,532	2.74	3.48	0.85	1.77	0.00	2.09	0.00	85

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) **********									
	HENDRIX - MODEL LS LIGHT WEIGHT & PERFORATED (CONT'D)									
1795	6.0 C.Y.	15,748	2.96	3.77	0.91	1.91	0.00	2.26	0.00	90
1800	7.0 C.Y.	17,222	3.25	4.13	1.01	2.10	0.00	2.48	0.00	101
1805	8.0 C.Y.	19,092	3.60	4.58	1.11	2.32	0.00	2.75	0.00	112
1810	9.0 C.Y.	22,049	4.16	5.28	1.29	2.68	0.00	3.17	0.00	128
1815	10.0 C.Y.	23,964	4.52	5.73	1.40	2.92	0.00	3.44	0.00	139
1820	12.0 C.Y.	29,450	5.55	7.05	1.71	3.58	0.00	4.23	0.00	166
1825	14.0 C.Y.	33,863	6.38	8.11	1.97	4.11	0.00	4.87	0.00	191
	HENDRIX - MODEL TS, MEDIUM WEIGHT									
1835	.75 C.Y.	3,949	0.74	0.95	0.23	0.48	0.00	0.57	0.00	17
1840	1.0 C.Y.	4,855	0.92	1.15	0.28	0.59	0.00	0.69	0.00	19
1845	1.5 C.Y.	5,990	1.13	1.43	0.35	0.73	0.00	0.86	0.00	28
1850	2.0 C.Y.	7,146	1.34	1.71	0.41	0.86	0.00	1.03	0.00	36
1855	2.5 C.Y.	8,237	1.56	1.97	0.49	1.01	0.00	1.18	0.00	41
1860	3.0 C.Y.	9,849	1.85	2.35	0.57	1.19	0.00	1.41	0.00	49
1865	3.5 C.Y.	10,877	2.05	2.60	0.63	1.32	0.00	1.56	0.00	54
1870	4.0 C.Y.	13,063	2.45	3.13	0.76	1.58	0.00	1.88	0.00	70
1875	4.5 C.Y.	13,967	2.64	3.35	0.82	1.70	0.00	2.01	0.00	72
1880	5.0 C.Y.	17,903	3.37	4.28	1.04	2.17	0.00	2.57	0.00	93
1885	6.0 C.Y.	18,502	3.49	4.43	1.08	2.25	0.00	2.66	0.00	96
1890	7.0 C.Y.	21,120	3.98	5.05	1.23	2.57	0.00	3.03	0.00	111
1895	8.0 C.Y.	23,252	4.39	5.56	1.35	2.83	0.00	3.34	0.00	122
1900	9.0 C.Y.	27,837	5.24	6.66	1.62	3.38	0.00	4.00	0.00	149
1905	10.0 C.Y.	29,646	5.59	7.10	1.73	3.61	0.00	4.26	0.00	159
1910	12.0 C.Y.	37,784	7.13	9.04	2.20	4.60	0.00	5.43	0.00	202
1915	14.0 C.Y.	42,072	7.94	10.07	2.45	5.12	0.00	6.05	0.00	225

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) **********									
	HENDRIX - MODEL MH-S, HEAVY WEIGHT									
1925	2.75 C.Y.	15,788	2.98	3.78	0.92	1.92	0.00	2.27	0.00	69
1930	3.0 C.Y.	16,420	3.10	3.93	0.96	2.00	0.00	2.36	0.00	72
1935	3.5 C.Y.	18,385	3.46	4.40	1.07	2.23	0.00	2.64	0.00	81
1940	4.0 C.Y.	24,592	4.64	5.89	1.43	2.99	0.00	3.54	0.00	110
1945	4.5 C.Y.	27,494	5.19	6.59	1.60	3.35	0.00	3.96	0.00	123
1950	5.0 C.Y.	28,392	5.35	6.80	1.65	3.45	0.00	4.08	0.00	127
1955	6.0 C.Y.	30,405	5.74	7.28	1.77	3.70	0.00	4.37	0.00	136
1960	7.0 C.Y.	38,658	7.29	9.26	2.25	4.70	0.00	5.56	0.00	175
1965	8.0 C.Y.	39,759	7.49	9.51	2.31	4.83	0.00	5.71	0.00	180
1970	9.0 C.Y.	50,568	9.54	12.11	2.94	6.15	0.00	7.27	0.00	234
1975	10.0 C.Y.	52,513	9.90	12.57	3.05	6.38	0.00	7.55	0.00	243
1980	12.0 C.Y.	62,456	11.77	14.95	3.63	7.59	0.00	8.98	0.00	289
1985	14.0 C.Y.	66,525	12.54	15.92	3.87	8.09	0.00	9.56	0.00	309
	SAUERMAN - CRESCENT SCRAPER									
	WITH DRAGLINE CONVERSION KIT									
1995	SC-1050-K 1.0 C.Y.	9,543	1.80	2.28	0.55	1.16	0.00	1.37	0.00	15
2000	SC-1060-K 1.5 C.Y.	12,223	2.30	2.93	0.71	1.48	0.00	1.76	0.00	20
2005	SC-1070-K 2.0 C.Y.	16,752	3.16	4.01	0.98	2.04	0.00	2.41	0.00	25
2010	SC-1090-K 3.0 C.Y.	22,162	4.17	5.30	1.29	2.69	0.00	3.18	0.00	36
2015	SC-1100-K 4.0 C.Y.	33,124	6.25	7.93	1.93	4.03	0.00	4.76	0.00	49
2020	SC-1110-K 5.0 C.Y.	37,770	7.12	9.04	2.20	4.59	0.00	5.43	0.00	58
2025	SC-1120-K 6.0 C.Y.	45,776	8.63	10.96	2.67	5.57	0.00	6.58	0.00	68
2030	SC-1130-K 8.0 C.Y.	55,619	10.48	13.32	3.24	6.76	0.00	8.00	0.00	88
2035	SC-1140-K 10.0 C.Y.	67,483	12.73	16.15	3.93	8.21	0.00	9.70	0.00	106
2040	SC-1150-K 12.0 C.Y.	78,295	14.76	18.75	4.56	9.52	0.00	11.26	0.00	132

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 **********									
2050	UR-12 INGERSOLL-RAND RAMMER 3 HP G	1,675	0.97		0.13	0.29	0.28			1
2055	GVR75Y WACKER RAMMER 3 HP G	1,319	0.83		0.09	0.22	0.28			1
2060	GVR100 WACKER RAMMER 5 HP G	1,789	1.24		0.13	0.31	0.47			1
2065	GVR151Y WACKER RAMMER 5 HP G	2,317	1.43		0.17	0.40	0.47			2
2070	GVR220Y WACKER RAMMER 6 HP G	2,993	1.80		0.22	0.51	0.57			2
2075	VPG160B WACKER VIBRO PLATE 3 HP G	1,159	0.78		0.09	0.20	0.28			2
2080	VPG260K WACKER VIBRO PLATE 7 HP G	1,816	1.48		0.13	0.31	0.66			3
2085	BT-50 BOMAG TAMPING 4 HP G	1,739	1.11		0.13	0.30	0.38			1
2090	BT-70 BOMAG TAMPING 4 HP G	2,169	1.27		0.16	0.38	0.38			2
2095	BP-11K BOMAG VIBRO PLATE 4 HP G	1,488	1.02		0.11	0.26	0.38			3
2100	BP-19/75 BOMAG VIBRO PLATE 5 HP D	3,085	1.42		0.23	0.54	0.23			4
2105	BP-30 BOMAG VIBRO PLATE 5 HP D	5,292	2.23		0.40	0.92	0.23			5
2110	BP-50 BOMAG VIBRO PLATE 5 HP D	9,247	3.68		0.69	1.60	0.23			9
2115	BW-75E BOMAG WALK BEHIND S/D 5 HP D	7,152	2.90		0.53	1.23	0.23			10
2120	BW-35 BOMAG WALK BEHIND D/D 4 HP D	8,882	3.48		0.65	1.53	0.18			11
2125	BW-60SE BOMAG D/D ROLLER 8 HP D	12,307	4.96		0.91	2.12	0.36			20
2130	BW-90SE BOMAG D/D ROLLER 13 HP D	15,263	6.33		1.12	2.63	0.59			30
2135	VPG600 WACKER VIBRO PLATE 9 HP G	3,414	2.30		0.25	0.59	0.85			7
2140	DPS2350 WACKER VIBRO PLATE 7 HP D	3,607	1.73		0.27	0.63	0.32			4
2145	DPS4570 WACKER VIBRO PLATE 10 HP D	5,790	2.69		0.43	1.00	0.45			8
2150	DVU4001 WACKER VIBRO PLATE 10 HP D	11,847	4.90		0.87	2.04	0.45			13
2155	W 55 T WACKER D/D ROLLER 8 HP D	11,400	4.64		0.85	1.97	0.36			17
2160	W 74 T WACKER D/D ROLLER 8 HP D	12,862	5.18		0.96	2.23	0.36			19
	CONCRETE BUGGIES - AEROIL **********									
2170	5 CF WALK-BEHIND 5 HP G	1,737	0.99		0.12	0.28	0.37			3

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 FINISHERS - BOMAG **********											
2180	MOD F46B4 GYRO TROWEL	7 HP	G	1,430	1.11		0.11	0.24	0.52			2
2185	MOD RF2B4 DOUBLTROWEL	16 HP	G	5,643	3.23		0.42	0.94	1.18			7
2190	MOD RF3B3 TRIPLTROWEL	16 HP	G	7,275	3.70		0.53	1.20	1.18			9
	CONCRETE MIXERS **********											
2200	PORTABLE CONCRETE MIXER 2.5 CF	1 HP	E	663	0.27		0.05	0.09	0.06			2
2205	PORTABLE CONCRETE MIXER 3.5 CF	1 HP	E	681	0.28		0.05	0.10	0.06			3
2210	PORTABLE CONCRETE MIXER 6.0 CF	7 HP	G	2,041	1.28		0.15	0.32	0.52			7
2215	PORTABLE MORTAR MIXER 6.0 CF	7 HP	G	1,636	1.16		0.12	0.25	0.52			6
	CONCRETE PAVERS **********											
	CMI											
2225	MOD SF - 175 SLIPFORM PAVER CURBS, MEDIANS, AND SIDEWALKS	142 HP	D	129,701	32.32		7.54	15.26	4.59			263
2230	MOD SF - 250 26' WIDE SLIPFORM UNIT, 0-80 FT/MIN, CRAWLER MTD.	208 HP	D	229,427	55.38		13.33	26.99	6.72			470
2235	MOD SUBURBAN 25' WIDE SLIPFORM UNIT, 0-60 FT/MIN, CRAWLER MTD.	250 HP	D	405,049	92.93		23.54	47.66	8.07			720
	GOMACO											
2245	MOD C-650 24' WIDE FORM PAVER W/4' FINISHING CYLINDERS	65 HP	G	26,435	11.29		1.53	3.09	4.46			91
2250	MOD HW-165 16'-6" WIDE SLIPFORM UNIT, AUTO VIBRATORS, CRLR MTD	100 HP	D	118,169	28.22		6.87	13.90	3.23			240
	CONCRETE PLACERS, SHOTCRETE **********											
	ALLENTOWN											
2260	R450 PNEUM. GUN N-1 3-4 CY/HR INCL. TRAILER, HOSE, HOPPER, AND FEEDER. REQ 365 CFM COMP.	12 HP	D	24,684	6.81		1.57	3.37	0.57			45
2265	R900 PNEUM. GUN N-2 6-10 CY/HR INCL. TRAILER, HOSE, HOPPER, AND FEEDER. REQ 600 CFM COMP.	20 HP	D	27,972	8.14		1.79	3.85	0.95			60

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CONCRETE PLACERS, SHOTCRETE (CONT'D) **********									
	ALLENTOWN (CONT'D)									
2270	GR600 ROTARY GUN 1-6 CY/HR 550CFM A INCL. HOSE,REQ. 550 CFM COMP.	8,135	2.20		0.52	1.10	0.00			9
2275	GR1200 ROTARY GUN 4-12 CY/HR 770CFM A INCL. HOSE,REQ. 770 CFM COMP.	16,043	4.27		1.02	2.19	0.00			18
	CHALLENGE SQUEEZ-CRETE									
2285	250-D FOR WET SHOTCRETE 25 CY/HR 62 HP D TRAILER MOUNTED INCL. HOSE	43,554	14.53		2.79	6.01	2.95			70
	CONCRETE PUMPS **********									
	MORGEN									
2295	MOD 204-305 TRAILER MTD 60 CY/HR 100 HP D	56,263	19.97		3.60	7.77	4.76			70
2300	MOD 203-420 BOOM 72'-VT 120 CY/HR 210 HP D INCLUDES 24500 GVW TRUCK	141,644	50.81		9.04	19.47	12.35			255
	SCHWING									
2310	MOD BPA 350 TRAILER MTD 60 CY/HR 67 HP D	44,386	15.02		2.84	6.12	3.19			66
2315	MOD BPA 650 TRAILER MTD 60 CY/HR 152 HP D	69,427	26.39		4.43	9.52	7.24			98
2320	MOD BPA 901 TRAILER MTD 135 CY/HR 152 HP D	71,332	26.86		4.55	9.78	7.24			98
2325	MOD BP 3000 TRAILER MTD 127 CY/HR 177 HP D	94,469	34.11		6.04	13.03	8.43			130
2330	MOD BP 5000 TRAILER MTD 151 CY/HR 300 HP D	121,310	48.22		7.76	16.74	14.28			150
2335	MOD BPL 580 TRUCK MTD 72 CY/HR 175 HP D INCLUDING TRUCK AND 75' BOOM	149,867	50.28		9.52	20.43	10.29			302
2340	MOD BPL 801 TRUCK MTD 107 CY/HR 175 HP D INCLUDING TRUCK AND 92' BOOM	218,170	67.15		13.89	29.87	10.29			321
2345	MOD BPL1200 TRUCK MTD 147 CY/HR 239 HP D INCLUDING TRUCK AND 102' BOOM	271,552	85.19		17.29	37.17	14.05			408

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
	CONRETE SAWS ********** FELKER (SAWBLADE WEAR NOT INCLUDED)									
2355	MOD 8KCC 5" DEPTH OF CUT 8 HP G	1,669	1.42		0.11	0.24	0.76			3
2360	MOD 12WCC 5" DEPTH OF CUT 12 HP G	1,860	1.95		0.12	0.25	1.14			3
2365	MOD 14TCC 5" DEPTH OF CUT 14 HP G	1,913	2.22		0.13	0.27	1.32			3
2370	MOD 140MR 8" DEPTH OF CUT 14 HP G	4,070	2.74		0.26	0.56	1.32			6
2375	MOD 185MR 8" DEPTH OF CUT 18 HP G	5,177	3.52		0.33	0.71	1.70			7
2380	MOD 250MR 8" DEPTH OF CUT 23 HP G	5,248	4.18		0.34	0.73	2.18			7
2385	MOD 30MCA 10" DEPTH OF CUT 30 HP G	8,380	5.82		0.54	1.16	2.84			12
2390	MOD 665MCA 15" DEPTH OF CUT 65 HP G	11,299	10.91		0.72	1.56	6.15			14
	CRANES, SHOVEL,BACKHOE,DRAGLINE ********** AMERICAN - CRAWLER TYPE									
	MOD 4120 DRAGLINE 1 CY 93 HP D 13'-7" CRAWLERS W/28" SHOES									
2400	DRAGLINE OR CLAMSHELL (LESS BUCKET)	194,326	34.30	41.91	10.53	20.13	2.37	22.81	3.00	648
	MOD 597-C 1.25 CY T/C 114 HP D 14'-7" CRAWLERS W/32" SHOES									
2405	DRAGLINE OR CLAMSHELL (LESS BUCKET)	270,602	41.84	49.27	13.60	24.29	2.91	26.60	3.68	814
2410	CRANE 35-T W/65' BOOM	272,301	38.73	44.64	13.68	24.44	2.33	26.76	3.00	803
	MOD 599-A LIFTING CRANE T/C 114 HP D 16'-0" CRAWLERS W/32" SHOES									
2420	CRANE 50-T W/75' BOOM	296,756	41.96	48.32	14.91	26.64	2.33	29.16	3.00	962
	MOD 5299-A LIFTING CRANE T/C 114 HP D 17'-6" CRAWLERS W/32" SHOES									
2430	CRANE 60-T W/80' BOOM	311,666	43.93	50.56	15.66	27.98	2.33	30.62	3.00	1088

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D) **********									
	AMERICAN - CRAWLER TYPE (CONT'D)									
	MOD 797-C 2 CY T/C 168 HP D 17'-6" CRAWLERS W/33" SHOES									
2440	DRAGLINE OR CLAMSHELL (LESS BUCKET)	369,726	57.53	67.78	18.57	33.19	4.28	36.33	5.43	1278
2445	CRANE 40-T W/75' BOOM	361,880	51.87	59.86	18.18	32.48	3.43	35.56	4.43	1262
	MOD 7250 STEEL ERECTOR T/C 168 HP D 17'-6" CRAWLERS W/33" SHOES									
2455	CRANE 60-T W/80' BOOM	383,407	50.63	57.16	18.26	30.89	3.43	33.09	4.43	1421
	MOD 7260 LIFTING CRANE T/C 168 HP D 19'-6" CRAWLERS W/38" SHOES									
2465	CRANE 100T W/200' BOOM	474,142	61.61	69.42	22.58	38.19	3.43	40.93	4.43	1886
	MOD 999-C STEEL ERECTOR T/C 287 HP D 23'-9" CRAWLERS W/38" SHOES									
2475	CRANE 110-T W/200' BOOM	621,682	82.45	93.15	29.61	50.08	5.85	53.66	7.56	2792
	MOD 9260 4.5 CY T/C 287 HP D 23'-9" CRAWLERS W/38" SHOES									
2485	CRANE 125T W/270' BOOM	657,920	86.84	98.05	31.33	53.00	5.85	56.79	7.56	3150
2490	DRAGLINE OR CLAMSHELL (LESS BUCKET)	624,590	89.66	103.24	29.74	50.31	7.32	53.91	9.27	2950
	MOD 9270 LIFT CR TAPERED TIP T/C 287 HP D 23'-9" CRAWLERS W/44" SHOES									
2500	CRANE 150T W/280' BOOM	725,271	94.99	107.14	34.53	58.42	5.85	62.60	7.56	3400
	MOD 9299 LIFTING CRANE T/C 287 HP D 24'-11" CRAWLERS W/44" SHOES									
2510	CRANE 165T W/290' BOOM	762,357	96.72	107.90	35.30	57.90	5.85	61.41	7.56	3580
	MOD 9310 LIFTING CRANE T/C 287 HP D 28'-2" CRAWLERS W/50" SHOES									
2520	CRANE 225T W/280' BOOM	815,254	102.92	114.75	37.75	61.92	5.85	65.68	7.56	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	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D) **********									
	BUCYRUS ERIE - CRAWLER TYPE									
	MOD 25-B SER-3 HVY DUTY 1 CY 115 HP D 13'-11" CRAWLERS W/30" SHOES									
2535	DRAGLINE OR CLAMSHELL (LESS BUCKET)	205,823	36.88	45.10	11.15	21.32	2.93	24.16	3.71	647
2540	CRANE 28-T W/50' BOOM	210,355	30.59	35.34	10.57	18.89	2.35	20.67	3.03	651
	MOD 30-B SER 5 HVY DUTY 1.5 CY 144 HP D 14'-7" CRAWLERS W/36" SHOES									
2550	BACKHOE	266,713	57.24	72.82	15.50	31.32	4.28	36.84	5.63	792
2555	DRAGLINE OR CLAMSHELL (LESS BUCKET)	297,616	46.58	54.90	14.95	26.72	3.67	29.25	4.65	833
2560	CRANE 35-T W/60' BOOM	299,157	43.02	49.63	15.03	26.86	2.94	29.39	3.79	831
	MOD 38-B SER 2 HVY DUTY 2 CY T/C 178 HP D 17'-5" CRAWLERS W/36" SHOES									
2570	SHOVEL	379,383	80.46	102.32	22.05	44.54	5.30	52.40	6.96	1279
2575	DRAGLINE OR CLAMSHELL (LESS BUCKET)	389,288	60.62	71.40	19.56	34.95	4.54	38.25	5.75	1192
	MOD 61-B SER 2 3.25 CY T/C 205 HP D 15'-11" CRAWLERS W/33" SHOES									
2585	SHOVEL	543,041	105.03	128.59	29.32	57.92	6.10	65.92	8.02	1762
2590	BACKHOE	519,634	100.82	123.47	28.05	55.42	6.10	63.08	8.02	1727
2595	DRAGLINE OR CLAMSHELL (LESS BUCKET)	537,653	75.87	87.22	25.60	43.31	5.23	46.41	6.62	1570
2600	CRANE 51-T W/70' BOOM	525,862	68.80	77.58	25.04	42.36	4.18	45.38	5.40	1571
	MOD 61-B SER-2 110-T 4 CY T/C 243 HP D 20'-6" CRAWLERS W/42" SHOES									
2610	CRANE 110T W/160' BOOM	661,397	86.17	97.11	31.49	53.28	4.96	57.09	6.40	2123
2615	DRAGLINE OR CLAMSHELL (LESS BUCKET)	632,309	89.28	102.64	30.10	50.93	6.20	54.57	7.85	1973
	MOD 71-B SER 3 4.25 CY T/C 246 HP D 16'-10" CRAWLERS W/36" SHOES									
2625	SHOVEL	654,406	126.53	154.91	35.32	69.80	7.32	79.44	9.62	2096
2630	BACKHOE	618,920	120.15	147.15	33.41	66.01	7.32	75.13	9.62	2000

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D) **********									
	BUCYRUS ERIE - CRAWLER TYPE (CONT'D)									
	MOD 71-B SER 3 4.25 CY T/C 246 HP D 16'-10" CRAWLERS W/36" SHOES									
2635	DRAGLINE OR CLAMSHELL (LESS BUCKET)	587,182	83.54	96.12	27.96	47.30	6.27	50.68	7.95	1820
	MOD 88-B SER 4 5.5 CY T/C 365 HP D 17'-10" CRAWLERS W/36" SHOES									
2645	SHOVEL	929,439	173.95	207.36	47.39	89.36	10.86	99.14	14.27	2822
2650	DRAGLINE OR CLAMSHELL (LESS BUCKET)	765,059	106.90	121.78	35.42	58.10	9.31	61.63	11.79	2274
	LINK BELT - CRAWLER TYPE									
	MOD LS-98A LIFTING CRANE T/C 110 HP D 15'-1" CRAWLERS W/24" SHOES									
2665	CRANE 40-T W/50' BOOM	196,871	28.68	33.14	9.90	17.68	2.24	19.34	2.90	772
	MOD LS-118 LIFTING CRANE T/C 165 HP D 17'-0" CRAWLERS W/30" SHOES									
2675	CRANE 60-T W/80' BOOM	314,768	42.23	47.81	14.99	25.35	3.37	27.17	4.35	1232
	MOD LS-338 LIFTING CRANE T/C 170 HP D 20'-0" CRAWLERS W/38" SHOES									
2685	CRANE 100-T W/200' BOOM	441,121	57.66	65.03	21.00	35.53	3.47	38.08	4.48	1512
	MOD LS-518 LIFTING CRANE T/C 245 HP D 24'-4" CRAWLERS W-44" SHOES									
2695	CRANE 150-T W/250' BOOM	666,023	86.78	97.80	31.71	53.65	5.00	57.49	6.46	2712
	MANITOWOC - CRAWLER TYPE									
	MOD 3900 VICON 3.5 CY T/C 287 HP D 20'-4" CRAWLERS W/38" SHOES									
2710	DRAGLINE OR CLAMSHELL (LESS BUCKET)	437,075	65.42	75.64	20.81	35.21	7.32	37.73	9.27	2306
2715	CRANE 100T W/210' BOOM	473,353	64.48	73.13	22.54	38.13	5.85	40.86	7.56	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
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D) **********									
	MANITOWOC - CRAWLER TYPE (CONT'D)									
	MOD 3900W VICON SER2 4 CY T/C 300 HP D 24'-0" CRAWLERS W/48" SHOES									
2725	DRAGLINE OR CLAMSHELL (LESS BUCKET)	556,728	81.29	93.76	26.51	44.85	7.65	48.05	9.69	2763
2730	CRANE 140T W/250' BOOM	563,851	75.77	85.77	26.85	45.42	6.12	48.67	7.90	2815
	MOD 4100W VICON SER1 5 CY T/C 360 HP D 26'-6" CRAWLERS W/48" SHOES									
2740	DRAGLINE OR CLAMSHELL (LESS BUCKET)	740,411	106.90	123.16	35.25	59.64	9.18	63.90	11.63	3788
2745	CRANE 200T W/260' BOOM	749,271	97.02	108.62	34.70	56.91	7.34	60.36	9.49	3929
	MOD 4600 VICON SERIES 3 7 CY T/C 685 HP D 26'-1" CRAWLERS W/60" SHOES									
2755	CRANE 240T W/260' BOOM	1,171,962	154.84	173.85	54.27	89.01	13.97	94.40	18.05	5200
2760	DRAGLINE OR CLAMSHELL (LESS BUCKET)	1,191,882	170.22	194.39	55.19	90.52	17.47	96.01	22.13	5100
	NORTHWEST - CRAWLER TYPE									
	MOD 50-D 1.5 CY T/C 238 HP D 15'-4" CRAWLERS W/30" SHOES									
2775	DRAGLINE OR CLAMSHELL (LESS BUCKET)	275,523	46.32	54.89	13.84	24.73	6.07	27.08	7.69	954
2780	CRANE 45-T W/60' BOOM	272,436	41.79	48.58	13.69	24.46	4.86	26.77	6.27	947
	MOD 80-D 2.5 CY T/C 263 HP D 15'-10" CRAWLERS W/30" SHOES									
2790	SHOVEL	465,087	100.22	127.54	27.02	54.60	7.82	64.24	10.28	1510
2795	DRAGLINE OR CLAMSHELL (LESS BUCKET)	395,176	64.06	75.66	19.86	35.48	6.71	38.83	8.49	1274
2800	CRANE 40-T W/50' BOOM	391,105	58.05	67.26	19.64	35.10	5.37	38.43	6.93	1267
	MOD 9570 4.0 CY T/C 263 HP D 19'-0" CRAWLERS W/38" SHOES									
2810	DRAGLINE OR CLAMSHELL (LESS BUCKET)	462,249	67.93	78.40	22.01	37.23	6.71	39.90	8.49	1580
2815	CRANE 60-T W/50' BOOM	458,193	62.05	70.31	21.82	36.91	5.37	39.55	6.93	1565

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D) **********									
	NORTHWEST - CRAWLER TYPE (CONT'D)									
	MOD 180-D SERIES 2 5 CY T/C 358 HP D 18'-1" CRAWLERS W/36" SHOES									
2825	SHOVEL	766,034	150.65	184.68	41.35	81.71	10.65	92.99	14.00	2571
2830	DRAGLINE OR CLAMSHELL (LESS BUCKET)	686,838	99.92	115.20	32.70	55.33	9.13	59.29	11.56	2365
2835	CRANE 97.5-T W/170' BOOM	709,622	94.88	107.32	33.79	57.17	7.30	61.25	9.43	2464
	MOD 190-D WT SERIES 3 T/C 456 HP D 21'-1" CRAWLERS W/54" SHOES									
2845	DRAGLINE 6.5 CY (LESS BUCKET)	699,983	101.67	116.30	32.41	53.16	11.63	56.38	14.73	2740
2850	CRANE 100-T W/170' BOOM	725,691	99.26	112.64	34.56	58.46	9.30	62.64	12.02	2872
	P & H - CRAWLER TYPE									
	MOD 5060 1.75 CY T/C 140 HP D 19'-8" CRAWLERS W/30" SHOES									
2865	DRAGLINE (LESS BUCKET)	302,540	47.14	55.55	15.20	27.15	3.57	29.73	4.52	989
2870	CRANE 60-T W/80' BOOM	307,617	40.75	46.03	14.65	24.78	2.86	26.55	3.69	1157
	MOD 670WLC 2 CY T/C 198 HP D 18'-6" CRAWLERS W/30" SHOES									
2880	DRAGLINE OR CLAMSHELL (LESS BUCKET)	377,362	59.54	70.20	18.96	33.88	5.05	37.08	6.40	1344
2885	CRANE 70-T W/150' BOOM	387,139	51.82	58.64	18.43	31.18	4.04	33.42	5.22	1466
	MOD 5100 3 CY T/C 236 HP D 21'-6" CRAWLERS W/36" SHOES									
2890	DRAGLINE OR CLAMSHELL (LESS BUCKET)	454,123	66.03	76.14	21.63	36.58	6.02	39.20	7.62	1775
2895	CRANE 100-T W/210' BOOM	470,446	62.85	71.10	22.40	37.89	4.81	40.60	6.22	1850
	MOD 5300A LIFTING CRANE T/C 378 HP D 32'-8" CRAWLERS W/48" SHOES									
2900	CRANE 300-T W/320' BOOM	1,409,520	174.96	194.54	65.27	107.06	7.71	113.55	9.96	5588

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 SELF-PROPELLED **********									
	GROVE									
2910	MOD RT58A 14 TON 112 HP D	108,467	19.53		5.23	9.34	3.62			410
2915	MOD RT515 15 TON 115 HP D	116,379	20.68		5.62	10.04	3.71			418
2920	MOD RT518 18 TON 115 HP D	131,650	22.90		6.34	11.30	3.71			452
2925	MOD RT522 22 TON 115 HP D	144,083	24.56		6.94	12.38	3.71			498
2930	MOD RT625 25 TON 156 HP D	191,691	32.21		9.25	16.52	5.04			560
2935	MOD RT740 40 TON 170 HP D	267,281	44.00		12.86	22.89	5.49			758
2940	MOD RT755 55 TON 170 HP D	319,124	51.37		15.33	27.25	5.49			839
2945	MOD RT865 65 TON 208 HP D	392,615	62.78		18.89	33.66	6.72			1100
2950	MOD RT980 80 TON 230 HP D	506,996	79.92		24.35	43.29	7.43			1320
2955	MOD RT1650 165 TON 512 HP D	957,045	153.20		46.05	82.07	16.54			2400
	LORAIN									
2965	MOD LRT150 15 TON 114 HP D	110,793	19.66		5.37	9.64	3.68			438
2970	MOD LRT180 18 TON 121 HP D	119,436	21.09		5.79	10.40	3.91			450
2975	MOD LRT330 33 TON 180 HP D	185,751	33.06		8.95	15.95	5.81			570
	P & H									
2985	MOD OMEGA 15 15 TON 125 HP D	113,493	20.49		5.50	9.88	4.04			364
2990	MOD OMEGA 18 18 TON 125 HP D	116,692	20.91		5.65	10.16	4.04			370
2995	MOD OMEGA 20 20 TON 125 HP D	120,770	21.44		5.86	10.52	4.04			380
3000	MOD OMEGA 23 23 TON 125 HP D	136,736	23.80		6.60	11.82	4.04			425
3005	MOD OMEGA 25 25 TON 155 HP D	174,816	30.29		8.44	15.10	5.01			540
3010	MOD OMEGA 30 30 TON 155 HP D	179,990	30.96		8.69	15.55	5.01			550
3015	MOD OMEGA 35 35 TON 155 HP D	186,114	31.76		8.99	16.09	5.01			560
3020	MOD OMEGA 40 40 TON 202 HP D	250,628	43.16		12.04	21.42	6.52			760
3025	MOD OMEGA 45 45 TON 202 HP D	259,455	44.32		12.47	22.20	6.52			770
3030	MOD OMEGA 50 50 TON 202 HP D	269,157	45.58		12.94	23.05	6.52			780
3035	MOD OMEGA 65 65 TON 235 HP D	346,978	57.93		16.66	29.63	7.59			980

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, HYD SELF-PROPELLED (CONT'D) **********									
	PETTIBONE									
3045	MOD 16 MK P SERIES 8 TON 118 HP D	101,015	18.49		4.89	8.80	3.81			290
3050	MOD 20 MK P SERIES 10 TON 118 HP D	104,362	18.99		5.05	9.07	3.81			310
3055	MOD 25 MK P SERIES 12.5 TON 118 HP D	107,572	19.42		5.21	9.36	3.81			465
3060	MOD 36 MK P SERIES 18 TON 118 HP D	124,120	21.84		5.98	10.70	3.81			500
3065	MOD 100SC 50 TON 188 HP D	281,345	46.59		13.54	24.13	6.07			1050
	CRANES, HYDRAULIC TRUCK MOUNTED ********** (HP & FUEL LISTED EQUIP/CARRIER)									
	BUCYRUS ERIE									
3075	30-XC 30 TON W/80' BOOM 130/210 HP D/D	202,065	30.64	35.40	9.44	16.38	5.52	17.59	7.07	552
3080	60-XC 60 TON W/104' BOOM 197/238 HP D/D	351,526	50.85	58.52	16.45	28.60	7.86	30.72	10.12	783
	GROVE									
3090	TMS185 18 TON W/106' BOOM 172 HP D	193,685	32.00	37.89	9.60	17.64	5.56	19.36	7.31	442
3095	TMS300 35 TON W/112' BOOM 203 HP D	234,046	35.75	41.62	10.94	18.96	6.56	20.36	8.63	705
3100	TMS475 50 TON W/142' BOOM 213 HP D	291,583	42.75	49.51	13.64	23.68	6.88	25.43	9.05	776
3105	TM875 80 TON W/146' BOOM 196/268 HP D/D	432,279	60.03	68.37	19.55	32.75	8.02	34.81	10.30	1200
3110	TM1150 115 TON W/172' BOOM 196/315 HP D/D	665,535	86.37	97.43	30.19	50.76	8.32	53.96	10.65	1600
3115	TM1400 140 TON W/173' BOOM 318/387 HP D/D	781,894	102.53	115.45	35.19	55.72	12.71	58.60	16.36	1880
	LINK BELT (FMC)									
3125	HTC-25 25 TON W/95' BOOM 216 HP D	191,547	33.72	40.23	9.49	17.41	6.98	19.12	9.18	462
3130	HTC-35 35 TON W/108' BOOM 216 HP D	224,725	35.03	40.92	10.52	18.27	6.98	19.62	9.18	628
3135	HTC-50 50 TON W/122' BOOM 244 HP D	274,148	41.91	48.83	12.82	22.28	7.88	23.94	10.37	727
	PETTIBONE									
3145	50TKLSPC 25 TON W/98' BOOM 210 HP D	197,742	34.16	40.66	9.81	18.01	6.78	19.78	8.92	520
3150	80TKLS 40 TON W/112' BOOM 244 HP D	252,340	39.48	46.13	11.79	20.47	7.88	21.98	10.37	740
3155	110 TK P 55 TON W/114' BOOM 238 HP D	273,260	41.64	48.49	12.78	22.19	7.69	23.84	10.11	830

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CRANES, HYDRAULIC TRUCK MTD (CONT'D) ********** (HP & FUEL LISTED EQUIP/CARRIER)									
	PETTIBONE (CONT'D)									
3160	160TKLSPC80 TON W/118' BOOM 365 HP D	442,634	65.95	76.20	20.03	33.56	11.79	35.66	15.51	1395
	CRANES, TRUCK MOUNTED ********** (HP & FUEL LISTED EQUIP/CARRIER)									
	AMERICAN									
3170	5470 65 TON W/170' BOOM 115/238 HP D/D	371,634	50.34	57.40	17.35	30.06	5.21	32.29	6.64	1175
3175	5530 75 TON W/170' BOOM 115/238 HP D/D	382,935	50.40	56.93	17.35	29.15	5.21	30.99	6.64	1245
3180	7460 90 TON W/200' BOOM 213/230 HP D/D	470,161	64.04	72.79	21.33	35.88	8.33	38.15	10.74	1503
3185	7530 125 TON W/220' BOOM 213/350 HP D/D	537,919	72.86	82.64	24.40	41.01	9.08	43.59	11.62	1696
3190	8460 165 TON W/240' BOOM 268/350 HP D/D	752,481	96.24	107.93	33.92	53.85	10.86	56.63	13.96	2320
3195	9460 220 TON W/260' BOOM 287/450 HP D/D	1,011,073	127.70	142.89	45.46	71.89	12.11	75.60	15.50	3480
	LINK BELT (FMC)									
3205	HC108C 50 TON W/150' BOOM 110/238 HP D/D	337,637	46.22	52.76	15.75	27.26	5.05	29.28	6.42	1197
3210	HC218A 100 TON W/220' BOOM 165/318 HP D/D	515,644	68.00	76.79	23.40	39.36	7.33	41.83	9.35	1688
3215	HC238A 140 TON W/230' BOOM 171/318 HP D/D	601,904	75.85	84.77	27.11	42.98	7.53	45.19	9.60	2220
	LORAIN									
3225	MC670A 70 TON W/170' BOOM 150/250 HP D/D	390,690	52.80	59.85	17.72	29.76	6.42	31.62	8.21	1243
3230	MC790 90 TON W/220' BOOM 210/270 HP D/D	477,823	65.23	74.13	21.67	36.43	8.48	38.73	10.91	1594
3235	MC1400 140 TON W/230' BOOM 220/290 HP D/D	582,651	75.52	84.85	26.23	41.57	8.93	43.72	11.48	1950
	P & H									
3245	325TC 25 TON W/110' BOOM 83/190 HP D/D	242,768	35.93	41.79	12.04	22.11	3.88	24.28	4.92	645
3250	430ATC 35 TON W/150' BOOM 86/210 HP D/D	271,954	36.88	42.02	12.73	22.12	4.10	23.76	5.20	763
3255	440TC 40 TON W/170' BOOM 90/228 HP D/D	305,007	41.13	46.83	14.26	24.77	4.34	26.61	5.50	964
3260	650ATC 50 TON W/150' BOOM 135/236 HP D/D	392,994	53.59	61.16	18.36	31.82	5.85	34.17	7.47	1222
3265	670TC 70 TON W/180' BOOM 135/255 HP D/D	431,185	56.73	64.06	19.56	32.88	5.97	34.95	7.61	1440

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)									
	P & H (CONT'D)									
3270	790BTC 90 TON W/200' BOOM 160/350 HP D/D	483,345	64.63	73.11	21.90	36.79	7.37	39.11	9.37	1606
3275	9115 125 TON W/220' BOOM 179/350 HP D/D	591,073	77.40	87.34	26.82	45.11	7.99	47.95	10.18	1709
3280	9150 150 TON W/270' BOOM 210/350 HP D/D	626,572	80.33	90.06	28.22	44.75	8.99	47.07	11.50	1805
3285	6250TC 300 TON W/320' BOOM 364/450 HP D/D	1,371,675	168.53	187.92	61.85	98.24	14.59	103.33	18.78	3928
	CRANES, TOWER **********									
	AMERICAN PECCO									
	MODEL SK135-2 FREE STANDING 60 HP E 7500# @ 132' RADIUS (L-2)									
3295	7-S16 TOWER SECTS=103 FT HIGH	272,576	44.37		13.32	21.11	4.32			740
	OPT. 14'9-1/4" S16 TOWER SECT									
3300	ADD TO BASIC CRANE FOR EA SECT	11,678	1.41		0.57	0.90	0.00			51
3305	TOP CLIMBING OPT. ADD TO BASIC	43,753	5.28		2.14	3.39	0.00			118
	MODEL SK200 FREE STANDING 105 HP E 10600# @ 143' RADIUS (L-2)									
3310	7-S16 TOWER SECTS=103 FT HIGH	343,162	57.75		16.77	26.58	7.56			883
	14'9-1/4" S16 TOWER SECTION									
3315	ADD TO BASIC CRANE FOR EA SECT	11,678	1.41		0.57	0.90	0.00			51
3320	TOP CLIMBING OPT. ADD TO BASIC	43,753	5.28		2.14	3.39	0.00			118
	MODEL SK400 FREE STANDING 105 HP E 18500# @ 162' RADIUS (L-2)									
3325	6-S35 TOWER SECTS=116 FT HIGH	419,219	66.93		20.48	32.46	7.56			1216
	OPT. 19'4-1/4" S35 TOWER SECT.									
3330	ADD TO BASIC CRANE FOR EA SECT	14,654	1.77		0.72	1.14	0.00			84
3335	TOP CLIMBING OPT. ADD TO BASIC	44,671	5.39		2.19	3.46	0.00			223

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, TOWER (CONT'D) **********									
	AMERICAN PECCO (CONT'D)									
	MODEL SK560 FREE STANDING 165 HP E 24500# @ 170' RADIUS (L-2)									
3340	6-S213 TOWER SECTS=116 FT HIGH	484,988	81.35		23.70	37.56	11.88			1547
	OPT. 19'4-1/4" S213 TOWER SECT									
3345	ADD TO BASIC CRANE FOR EA SECT	15,562	1.87		0.76	1.20	0.00			100
3350	TOP CLIMBING OPT. ADD TO BASIC	86,302	10.43		4.22	6.69	0.00			252
	MODEL SN355 FREE STANDING 165 HP E 12300# @ 165' RADIUS (L-2) WITH LUFFING BOOM									
3355	6-SN35 TOWER SECTS=116 FT HIGH	511,451	84.55		24.99	39.61	11.88			2152
	OPT. 19'4-1/4" SN35 TOWER SECT									
3360	ADD TO BASIC CRANE FOR EA SECT	14,654	1.77		0.72	1.14	0.00			84
3365	TOP CLIMBING OPT. ADD TO BASIC	90,674	10.94		4.43	7.02	0.00			159
	DRILLS, BLAST HOLE, CRAWLER MTD **********									
	GARDNER DENVER									
3375	AT3100B/PR123J 3.0" HOLE 12' FEED 600CFM A	70,102	14.98		4.07	8.27	0.00			91
3380	AT3100B/PR55 3.5" HOLE 12' FEED 750CFM A	66,012	14.16		3.84	7.79	0.00			93
3385	AT3100B/PR66 4.0" HOLE 12' FEED 900CFM A	72,874	15.54		4.24	8.60	0.00			95
3390	AT3700A/PR66 ANGLE DRILL 900CFM A 4.0" HOLE 12' FEED	88,741	18.81		5.16	10.48	0.00			146
3395	ATD5100/PR80H ANGLE DRILL 1200CFM A 4.5" HOLE 20' FEED	98,627	20.86		5.73	11.64	0.00			200
	INGERSOLL-RAND									
3405	ECM350/VL140 3.5" HOLE 12' FEED 750CFM A	77,938	16.56		4.53	9.19	0.00			129
3410	ECM350/VL671 4.0" HOLE 12' FEED 900CFM A	84,978	18.05		4.94	10.03	0.00			131
3415	ECM 450Y 3.0" HOLE 12' FEED 100 HP D	118,583	28.94		6.89	13.99	3.99			188

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	DRILLS, BLAST HOLE, CRLR MTD (CONT'D) **********									
	JOY-SULLIVAN									
3425	MAVRICK/VCR350 2.5" HOLE 12' FEED 450CFM A	38,979	8.40		2.27	4.60	0.00			60
3430	RAM STD/VCR260 4.0" HOLE 12' FEED 800CFM A	68,925	14.75		4.01	8.13	0.00			100
3435	RAM EXT/VCR260 4.0" HOLE 12' FEED 800CFM A	81,089	17.22		4.71	9.57	0.00			144
3440	MUSTANG VCR280 5.0" HOLE 20' FEED1200CFM A	100,228	21.18		5.82	11.82	0.00			184
3445	STALLION JH-6 5.5" HOLE 20' FEED 165 HP D	216,064	51.88		12.55	25.49	6.59			300
	DRILLS, CORE, AIR, COLUMN MOUNTED **********									
3455	LONGYEAR 24 WOLVERINE AX 700' 450CFM A	17,734	3.91		1.04	2.10	0.00			12
3460	LONGYEAR 65D EX 600' 400CFM A	11,389	2.61		0.66	1.34	0.00			3
3465	65D ROD PULLER 21" STROKE 400CFM A	1,695	0.59		0.10	0.20	0.00			1
	DRILLS, CORE, SKID MOUNTED **********									
	ACKER									
3475	TEREDO MARK-II NX 1000' MAX 44 HP D	29,896	8.23		1.74	3.53	1.76			40
3480	ACE MODEL C NX 725' MAX 20 HP D	20,322	5.10		1.19	2.40	0.80			45
	LONGYEAR									
3490	MOD 24 STD AX 675' MAX 12 HP G	16,892	4.58		0.98	1.99	1.01			17
3495	MOD 34 NX 1000' MAX 31 HP G	25,696	8.23		1.49	3.03	2.61			38
3500	MOD 34 NX 1000' MAX 40 HP D	30,627	8.18		1.78	3.62	1.60			39
3505	MOD 38 NX 1800' MAX 54 HP D	35,236	9.80		2.04	4.15	2.16			41
3510	MOD 44 NX 2500' MAX 60 HP D	42,281	11.54		2.46	4.99	2.40			56
	SPRAGUE AND HENWOOD									
3520	MOD 37-H NX 400' MAX 18 HP G	17,813	5.36		1.04	2.10	1.52			18
3525	MOD 40-CL NX 1050' MAX 49 HP D	27,584	8.01		1.60	3.25	1.96			27

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, ROTARY **********									
	INGERSOLL-RAND									
3535	MOD DM-25 6 3/4" DRILLMASTER 210 HP D CRWL. MOUNTED	244,534	47.36		12.27	22.03	8.39			500
3540	MOD T4-BH 7-7/8" DRILLMASTER 304 HP D TRK. MOUNTED	322,109	64.91		16.10	28.79	12.14			550
3545	MOD TH-60 WATER WELL DRILL 435 HP D TRK. MOUNTED	299,772	68.54		15.00	26.85	17.38			460
	JOY-ROBBINS									
3555	RRT 35 TK MTD 6-1/4" TO 7-7/8" 225 HP D	292,805	56.25		14.63	26.14	8.99			600
3560	RRT 50 TK MTD 6-3/4" TO 9-0" 335 HP D	447,669	85.33		22.38	40.00	13.38			860
3565	RRT 60 TK MTD 6-3/4" TO 9-7/8" 350 HP D	476,173	90.32		23.81	42.57	13.98			960
3570	RR10S MTD ON D9H 6-3/4" - 9-0" 410 HP D	339,496	72.26		17.03	30.58	16.38			1160
3575	RR10HD ON D9H 6-3/4" - 10-5/8" 410 HP D	375,153	77.49		18.82	33.80	16.38			1340
3580	RR10XHD ON 41B 9-7/8" - 12-1/4" 524 HP D	567,081	94.72		26.20	43.18	20.93			1830
3585	RR12E CRLR MTD 9-0" TO 12-1" 725/450 HP E/E	1,049,430	162.92		48.48	79.90	40.60			2605
	FORK LIFTS **********									
	CATERPILLAR									
	LC = LOAD CENTER									
3605	M20 ELECT 2000# @ 24" LC 18 HP E	16,059	4.87		0.92	1.86	1.30			54
3610	M25 ELECT 2500# @ 24" LC 18 HP E	16,146	4.89		0.93	1.87	1.30			54
3615	MC30 ELECT 3000# @ 24" LC 18 HP E	16,903	5.03		0.98	1.95	1.30			85
3620	M40B ELECT 4000# @ 24" LC 32 HP E	23,397	7.70		1.35	2.71	2.30			95
3625	M50B ELECT 5000# @ 24" LC 32 HP E	23,865	7.78		1.37	2.76	2.30			102
3630	MC60B ELECT 6000# @ 24" LC 47 HP E	26,254	9.79		1.52	3.05	3.38			123
3635	M70B ELECT 7000# @ 24" LC 53 HP E	32,566	11.61		1.88	3.76	3.82			134
3640	M80B ELECT 8000# @ 24" LC 53 HP E	34,069	11.88		1.96	3.94	3.82			142
3645	M100B ELECT 10000# @ 24" LC 53 HP E	35,944	12.22		2.08	4.19	3.82			160
3650	V30D GAS 3000# @ 24" LC 37 HP G	15,448	6.01		0.89	1.80	2.54			37

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
	FORK LIFTS (CONT'D) **********									
	CATERPILLAR (CONT'D)									
3655	V40C GAS 4000# @ 24" LC 48 HP G	20,573	7.92		1.18	2.36	3.29			41
3660	V50C GAS 5000# @ 24" LC 48 HP G	21,003	8.03		1.19	2.37	3.29			45
3665	V60E GAS 6000# @ 24" LC 63 HP G	29,061	10.78		1.67	3.35	4.32			52
3670	V70E GAS 7000# @ 24" LC 63 HP G	29,383	10.84		1.70	3.39	4.32			56
3675	V80E GAS 8000# @ 24" LC 63 HP G	30,555	11.05		1.76	3.52	4.32			59
3680	V110 GAS 11000# @ 24" LC 66 HP G	43,971	13.82		2.53	5.07	4.53			82
3685	V150 DIESEL 15000# @ 24" LC 70 HP D	47,343	11.63		2.73	5.47	2.26			92
3690	V180B DIESEL 18000# @ 24" LC 125 HP D	62,726	16.77		3.59	7.15	4.04			114
3695	V200B DIESEL 20000# @ 24" LC 125 HP D	68,333	17.82		3.92	7.82	4.04			124
3700	V250B DIESEL 25000# @ 24" LC 125 HP D	70,133	18.13		4.03	8.05	4.04			154
3705	V300B DIESEL 30000# @ 24" LC 125 HP D	78,727	19.78		4.50	8.97	4.04			165
3710	R40 DIESEL 4000# @ 24" LC 68 HP D	27,394	7.86		1.57	3.12	2.20			107
3715	R50 DIESEL 5000# @ 24" LC 68 HP D	28,058	7.99		1.60	3.20	2.20			112
3720	R60 DIESEL 6000# @ 24" LC 68 HP D	33,946	9.08		1.95	3.89	2.20			128
3725	R80 DIESEL 8000# @ 24" LC 68 HP D	35,245	9.34		2.02	4.02	2.20			138
	HYSTER - CHALLENGER									
3735	H30XL 3000# @ 24" LC 63 HP G	15,899	8.35		0.91	1.81	4.32			58
3740	H60XL 6000# @ 24" LC 80 HP G	22,921	11.10		1.32	2.63	5.49			91
3745	H110F 11000# @ 24" LC 116 HP G	45,146	18.28		2.61	5.23	7.96			163
3750	H150H 15000# @ 24" LC 127 HP G	61,659	22.39		3.53	7.03	8.72			234
3755	H200HS20000# @ 24" LC PS 127 HP G	72,146	24.32		4.14	8.26	8.72			256
3760	H250H 25000# @ 24" LC PS 127 HP G	72,399	24.40		4.14	8.25	8.72			295
3765	H300B 30000# @ 24" LC PS 127 HP G	78,165	25.43		4.49	8.97	8.72			360
3770	H460CS46000# @ 36" LC PS 190 HP G	159,257	45.98		9.14	18.26	13.04			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 SETS, ELECTRIC ********** CATERPILLAR T = TURBOCHARGED TA = TURBOCHARGED AFTER COOLED SKID MOUNTED									
3785	MOD 3304B-T 240/480V 100 KW 148 HP D	16,646	9.53	12.07	1.07	2.38	4.78	2.65	6.29	37
3790	MOD 3306B-T 240/480V 125 KW 187 HP D	21,820	12.21	15.46	1.41	3.13	6.04	3.48	7.95	46
3795	MOD 3306B-TA 240/480V 150 KW 220 HP D	23,530	13.92	17.62	1.52	3.38	7.11	3.74	9.35	48
3800	MOD 3406B-T 240/480V 200 KW 290 HP D	25,261	17.08	21.76	1.63	3.62	9.37	4.02	12.32	57
3805	MOD 3406B-TA 240/480V 250 KW 370 HP D	28,905	21.08	26.90	1.86	4.15	11.95	4.60	15.72	59
3810	MOD 3408B-T 240/480V 255 KW 370 HP D	34,324	22.26	28.29	2.22	4.93	11.95	5.46	15.72	77
3815	MOD 3408B-TA 240/480V 310 KW 450 HP D	38,284	26.30	33.54	2.47	5.49	14.53	6.10	19.12	81
3820	MOD 3412B-T 240/480V 355 KW 500 HP D	46,286	30.05	38.22	2.98	6.64	16.15	7.37	21.25	91
3825	MOD 3412B-TA 240/480V 455 KW 650 HP D	62,842	39.64	50.38	4.06	9.02	20.99	10.01	27.62	102
3830	MOD 3508 240/480V 600 KW 845 HP D	83,765	51.97	66.02	5.40	12.02	27.29	13.34	35.91	140
3835	MOD 3512 240/480V 900 KW 1250 HP D	113,942	74.73	95.11	7.34	16.35	40.37	18.15	53.12	202
3840	MOD 3516 480V 1100 KW 1450 HP D	149,788	90.49	114.85	9.66	21.49	46.83	23.86	61.62	256
	KOHLER									
3850	2.25MBM25 PORTABLE 2.25 KW 5 HP G	676	0.57	0.74	0.05	0.10	0.34	0.11	0.45	1
3855	3.5MM65 PORTABLE 3.50 KW 8 HP G	1,067	0.91	1.16	0.07	0.15	0.55	0.17	0.72	2
3860	5MM65 PORTABLE 5.00 KW 12 HP G	1,384	1.32	1.68	0.09	0.20	0.82	0.22	1.07	2
	ONAN SKID MOUNTED									
3875	120/240V 2.5 KW 6 HP G	1,434	0.81	1.04	0.09	0.20	0.41	0.23	0.54	2
3880	120/240V 6.5 KW 14 HP G	3,229	1.89	2.38	0.21	0.46	0.96	0.52	1.25	3
3885	120/240V 10.0 KW 20 HP G	3,529	2.46	3.13	0.22	0.50	1.37	0.57	1.79	4
3890	120/240V 3.0 KW 6 HP D	3,737	1.04	1.27	0.24	0.53	0.19	0.60	0.25	4
3895	120/240V 6.0 KW 12 HP D	4,959	1.55	1.90	0.32	0.71	0.39	0.79	0.51	5
3900	120/240V 12.0 KW 22 HP D	7,139	2.42	2.98	0.46	1.02	0.71	1.14	0.93	7

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	GENERATOR SETS, ELECTRIC (CONT'D) **********									
	ONAN (CONT'D)									
3905	120/240V 15 KW 27 HP D	7,329	2.66	3.30	0.47	1.05	0.87	1.16	1.15	14
3910	120/240V 30 KW 63 HP D	10,867	4.87	6.11	0.70	1.56	2.03	1.73	2.68	19
3915	120/240V 45 KW 87 HP D	14,369	6.59	8.28	0.93	2.06	2.81	2.29	3.70	25
3920	120/240V 60 KW 102 HP D	16,511	7.66	9.61	1.07	2.37	3.29	2.63	4.33	26
3925	120/240V 75 KW 162 HP D	19,645	10.74	13.57	1.27	2.82	5.23	3.13	6.88	30
3930	120/240V 90 KW 162 HP D	20,581	10.94	13.81	1.32	2.95	5.23	3.28	6.88	30
3935	120/240V 125 KW 210 HP D	23,841	13.57	17.18	1.54	3.42	6.78	3.80	8.92	50
3940	120/240V 150 KW 276 HP D	28,262	17.17	21.80	1.83	4.06	8.91	4.50	11.73	65
	OVERLOWE									
3950	KP2250R PORTABLE 2.25 KW 5 HP G	890	0.60	0.79	0.05	0.12	0.34	0.14	0.45	1
3955	KP3000BC PORTABLE 3.00 KW 7 HP G	972	0.81	1.03	0.07	0.14	0.48	0.16	0.63	2
3960	KP3750BIC PORTABLE 3.75 KW 8 HP G	1,364	0.97	1.23	0.09	0.19	0.55	0.21	0.72	2
3965	KP5000BIC PORTABLE 5.00 KW 10 HP G	1,724	1.23	1.55	0.12	0.25	0.69	0.28	0.89	2
3970	KP6500BICB PORTABLE 6.50 KW 16 HP G	1,811	1.75	2.24	0.12	0.26	1.10	0.29	1.43	3
3975	KP7500BICB PORTABLE 7.50 KW 16 HP G	1,714	1.74	2.22	0.12	0.25	1.10	0.28	1.43	3
	GRADERS, MOTOR **********									
	CATERPILLAR									
3990	MOD 120-G POWER SHIFT ARTIC 125 HP D	100,519	20.22	25.14	5.43	9.94	3.72	11.21	4.89	272
3995	MOD 130-G POWER SHIFT ARTIC 135 HP D	114,385	22.70	28.17	6.18	11.34	4.02	12.77	5.28	293
4000	MOD 12-G POWER SHIFT ARTIC 135 HP D	123,548	24.08	29.87	6.67	12.24	4.02	13.80	5.28	316
4005	MOD 140-G POWER SHIFT ARTIC 150 HP D	125,760	25.03	31.10	6.78	12.43	4.46	14.01	5.86	318
4010	MOD 14-G POWER SHIFT ARTIC 180 HP D	175,552	34.04	42.27	9.43	17.19	5.35	19.36	7.04	441
4015	MOD 16-G POWER SHIFT ARTIC 250 HP D	250,933	48.45	60.16	13.46	24.51	7.44	27.60	9.77	581

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
	GRADERS, MOTOR (CONT'D) **********												
	CHAMPION												
4025	MOD 710A	ARTICULATED	125 HP	D	97,886	19.84	24.69	5.27	9.66	3.72	10.88	4.89	296
4030	MOD 715A	ARTICULATED	144 HP	D	111,001	22.58	28.11	5.98	10.95	4.28	12.35	5.63	306
4035	MOD 720A	ARTICULATED	148 HP	D	117,726	23.80	29.62	6.35	11.61	4.40	13.08	5.79	340
4040	MOD 740A	ARTICULATED	181 HP	D	128,030	26.60	33.14	6.91	12.67	5.38	14.28	7.08	355
4045	MOD 710	NON-ARTICULATED	125 HP	D	92,053	18.98	23.63	4.96	9.08	3.72	10.22	4.89	280
4050	MOD 715	NON-ARTICULATED	144 HP	D	101,900	21.23	26.46	5.49	10.04	4.28	11.32	5.63	285
4055	MOD 720	NON-ARTICULATED	148 HP	D	107,481	22.27	27.76	5.79	10.58	4.40	11.92	5.79	315
4060	MOD 740	NON-ARTICULATED	181 HP	D	117,303	25.04	31.27	6.32	11.56	5.38	13.03	7.08	330
4065	MOD 760	NON-ARTICULATED	230 HP	D	147,705	31.88	39.84	7.91	14.38	6.84	16.20	8.99	390
	FIAT-ALLIS												
4075	MOD-65B	DIRECT DRIVE	68 HP	D	54,021	10.84	13.48	2.92	5.37	2.02	6.06	2.66	135
4080	MOD-FG75	POWER SHIFT	130 HP	D	78,758	17.20	21.49	4.24	7.74	3.87	8.72	5.08	300
4085	MOD-FG85	POWER SHIFT	145 HP	D	86,725	19.02	23.78	4.66	8.51	4.31	9.59	5.67	310
4090	MOD-FG95	POWER SHIFT	160 HP	D	91,020	20.41	25.56	4.88	8.85	4.76	9.96	6.26	330
	GALION												
4100	MOD 503-L	CONSTANT MESH	68 HP	G	45,971	12.10	15.18	2.48	4.56	4.31	5.15	5.59	115
4105	MOD T-500C	POWER SHIFT	145 HP	D	99,297	20.84	25.97	5.36	9.82	4.31	11.07	5.67	281
4110	MOD A-600	POWER SHIFT	186 HP	D	123,203	26.09	32.53	6.65	12.18	5.53	13.72	7.27	321
	HOISTS ******												
	BEEBE - AIR TUGGERS												
4120	2000P110-24	1.0 T 225 CFM RQD			5,924	1.26		0.35	0.70	0.00			5
4125	5000P120-24	2.5 T 500 CFM RQD			9,492	2.03		0.55	1.11	0.00			16
4130	10000P 50-24	5.0 T 500 CFM RQD			11,486	2.54		0.67	1.35	0.00			22
4135	20000P 50-40	10.0 T 850 CFM RQD			29,742	6.20		1.73	3.50	0.00			55

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 (CONT'D) **********									
	SKAGIT									
4145	BU-18 DOUBLE DRUM W/5/8" CABLE 100 HP D	69,997	17.64		4.07	8.23	3.23			85
4150	G-70 DOUBLE DRUM W/7/8" CABLE 100 HP D	94,617	22.43		5.50	11.12	3.23			126
4155	RB-80 DOUBLE DRUM W/1-1/8" CABLE 130 HP D	145,632	33.57		8.47	17.12	4.20			240
4160	RB-90WDOUBLE DRUM W/1-3/8" CABLE 150 HP D	162,106	37.57		9.42	19.06	4.84			300
	HYDRAULIC EXCAVATOR, CRAWLER MOUNTED ********** T/B = TELESCOPING BOOM B/H = BACKHOE									
	AMERICAN									
4175	MOD 185 1.00 CY B/H 103 HP D	110,097	28.22	38.03	7.00	14.62	3.06	18.17	4.03	410
4180	MOD 25A 1.38 CY B/H 185 HP D	185,098	42.75	54.52	10.76	21.73	5.50	25.56	7.23	660
4185	MOD 480 2.00 CY B/H 300 HP D	275,510	64.51	82.33	16.01	32.34	8.92	38.06	11.73	975
4190	MOD 680 4.00 CY B/H 456 HP D	438,820	95.40	117.76	23.69	46.80	13.57	53.27	17.83	1647
	BADGER (HOPTO)									
4200	MOD 211 1.25 CY B/H 160 HP D	158,178	36.59	46.69	9.19	18.56	4.76	21.85	6.26	530
4205	MOD 311 1.88 CY B/H 235 HP D	227,567	52.83	67.39	13.22	26.71	6.99	31.43	9.19	745
4210	MOD 900B 2.00 CY B/H 308 HP D	274,796	60.56	74.80	14.84	29.31	9.16	33.35	12.04	1015
4215	MOD 1900 5.00 CY B/H 616 HP D	573,461	125.41	154.85	30.95	61.16	18.33	69.61	24.09	2050
	BUCYRUS ERIE									
4225	MOD 300-H 1.00 CY B/H 176 HP D	176,408	45.68	61.51	11.21	23.42	5.24	29.10	6.88	546
4230	MOD 325-H 1.75 CY B/H 205 HP D	244,091	55.00	70.07	14.19	28.66	6.10	33.71	8.02	774
4235	MOD 350-H 2.50 CY B/H 248 HP D	307,774	68.97	87.86	17.88	36.13	7.38	42.50	9.70	1000
4240	MOD 400-H 4.25 CY B/H 392 HP D	515,480	106.86	131.47	27.82	54.98	11.66	62.57	15.33	1575
	CASE									
4250	MOD 880C "E" BOOM .63 CY B/H 125 HP D	103,834	27.76	37.36	6.60	13.78	3.72	17.13	4.89	310
4255	MOD 980B 1.00 CY B/H 165 HP D	128,570	34.80	46.82	8.17	17.06	4.91	21.22	6.45	445

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 MTD (CONT'D) ********** T/B = TELESCOPING BOOM B/H = BACKHOE									
	CASE (CONT'D)									
4260	MOD 1280 1.25 CY B/H 200 HP D	149,818	36.39	46.48	8.70	17.58	5.95	20.69	7.82	505
	CATERPILLAR									
4270	MOD 215 .75 CY B/H 90 HP D	125,294	31.01	41.81	7.96	16.63	2.68	20.68	3.52	387
4275	MOD 225 1.00 CY B/H 135 HP D	154,001	39.11	52.70	9.78	20.44	4.02	25.41	5.28	504
4280	MOD 235 1.50 CY B/H 195 HP D	278,662	61.38	78.16	16.19	32.71	5.80	38.49	7.62	891
4285	MOD 245 2.50 CY B/H 325 HP D	433,825	96.33	122.70	25.21	50.93	9.67	59.92	12.71	1385
	GRADALL									
4300	MOD G-660 .63 CY T/B 115 HP D	156,333	38.80	52.30	9.94	20.76	3.42	25.79	4.50	450
4305	MOD G-880B .75 CY T/B 160 HP D	191,871	48.39	65.22	12.20	25.47	4.76	31.66	6.26	533
4310	MOD G-1000 1.25 CY T/B 272 HP D	263,680	61.21	78.08	15.32	30.96	8.09	36.42	10.64	787
	INSLEY									
4325	MOD H1000C 1.25 CY B/H 180 HP D	146,471	35.03	44.73	8.52	17.20	5.35	20.23	7.04	517
4330	MOD H2500C 2.25 CY B/H 290 HP D	265,221	62.16	79.30	15.41	31.14	8.63	36.63	11.34	931
4335	MOD H3500C 3.50 CY B/H 390 HP D	372,541	81.10	100.10	20.11	39.74	11.60	45.22	15.25	1276
	JOHN DEERE									
4345	MOD 690 B .875 CY B/H 131 HP D	113,752	30.17	40.61	7.23	15.10	3.90	18.77	5.12	430
4350	MOD 890 A .50 CY B/H 210 HP D	237,996	53.97	68.80	13.82	27.93	6.25	32.87	8.21	880
4355	MOD 990 1.875 CY B/H 260 HP D	269,107	61.84	78.86	15.64	31.59	7.73	37.17	10.17	910
	KOEHRING									
4365	MOD 166 BANTAM .88 CY B/H 108 HP D	116,323	29.78	40.12	7.39	15.44	3.21	19.19	4.22	374
4370	MOD 266 BANTAM 1.13 CY B/H 143 HP D	153,379	39.30	52.94	9.75	20.36	4.25	25.31	5.59	514
4375	MOD 366 BANTAM 1.25 CY B/H 210 HP D	184,769	43.59	55.61	10.73	21.69	6.25	25.52	8.21	612
4380	MOD 566 1.50 CY B/H 240 HP D	269,885	61.29	78.11	15.69	31.69	7.14	37.28	9.38	834

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 MTD (CONT'D) ********** T/B = TELESCOPING BOOM B/H = BACKHOE									
	KOEHRING (CONT'D)									
4385	MOD 666E 2.00 CY B/H 307 HP D	335,774	76.53	97.57	19.51	39.41	9.13	46.38	12.00	1075
4390	MOD 866E 3.25 CY B/H 332 HP D	431,704	89.62	110.29	23.30	46.04	9.88	52.41	12.98	1306
4395	MOD 1066E 4.00 CY B/H 420 HP D	536,495	111.66	137.40	28.96	57.23	12.49	65.12	16.42	1640
4400	MOD 1166E 5.00 CY B/H 464 HP D	597,567	124.22	152.87	32.25	63.73	13.80	72.54	18.14	1890
4405	MOD 1266 5.50 CY B/H 664 HP D	869,737	174.66	209.66	44.34	83.62	19.75	92.76	25.96	2600
4410	MOD 1466 9.00 CY B/H 832 HP D	1,015,514	206.03	247.55	51.78	97.63	24.75	108.31	32.53	2900
	UNIT									
4425	MOD H202CT SER II 1.25 CY B/H 152 HP D	144,960	37.84	50.93	9.22	19.25	4.52	23.91	5.94	475
4430	MOD H342 1.63 CY B/H 228 HP D	234,627	53.97	68.81	13.64	27.55	6.78	32.41	8.91	723
4435	MOD H471 1.75 CY B/H 304 HP D	291,059	67.70	86.36	16.91	34.17	9.04	40.20	11.89	972
	HYDRAULIC EXCAVATOR, TRUCK MOUNTED ********** (HP & FUEL LISTED EQUIP/CARRRIER) T/B = TELESCOPING BOOM B/H = BACKHOE									
	GRADALL									
4445	MOD G-660 .63 CY T/B 123/235 HP D/G	162,102	29.32	35.05	8.02	14.72	6.42	16.17	8.40	422
4450	MOD G-880 .75 CY T/B 160/210 HP D/D	211,426	35.53	41.91	10.48	19.25	6.49	21.13	8.34	530
4455	MOD G-1000 1.25 CY T/B 272/312 HP D/D	289,780	47.42	55.37	13.55	23.53	10.75	25.29	13.85	724
	LAND CLEARING EQUIPMENT ********** (ADD TO TRACTOR)									
4465	FLECO LAND CLEARING RAKE FOR 123/235 D/G	18,538	3.71	4.66	1.08	2.19	0.00	2.57	0.00	67
4470	FLECO LAND CLEARING RAKE FOR 160/210 D/D	24,366	4.85	6.10	1.42	2.87	0.00	3.37	0.00	98
4475	FLECO LAND CLEARING RAKE FOR 272/312 D/D	36,142	7.17	9.05	2.10	4.26	0.00	5.02	0.00	138
4480	FLECO CLAMP RAKE FOR CAT 973 (ADD TO 977 LOADER)	18,575	3.84	4.80	1.08	2.19	0.00	2.58	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									
4490	MAXI-LITE III 4/1000W 15 HP D	13,546	5.03		0.86	1.77	0.64			29
	OVER-LOWE METALLIC VAPOR									
4500	TM 352 2/1000W 3 KW 6 HP D	10,731	3.65		0.67	1.38	0.25			17
4505	TM 354 4/1000W 6 KW 12 HP D	14,182	5.05		0.89	1.84	0.51			22
4510	TM 356 6/1000W 8 KW 15 HP D	16,692	6.00		1.05	2.18	0.64			24
	LOADERS, BELT **********									
	KOLMAN									
4520	101XHD 24"X50' 355 T/HR 28 HP D	29,298	7.64	10.00	1.66	3.17	0.90	3.70	1.19	116
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4530	PLATE FEEDER DOZER TRAP MODEL 45	5,354	1.07	1.37	0.31	0.61	0.00	0.72	0.00	37
4535	BELT FEEDER DOZER TRAP MODEL 65	6,582	1.32	1.67	0.38	0.75	0.00	0.88	0.00	36
4540	WING WALLS STATIONARY	1,238	0.25	0.31	0.07	0.14	0.00	0.16	0.00	9
4545	TUNNEL EXTENSION W/WING WALLS	6,103	1.22	1.56	0.35	0.69	0.00	0.82	0.00	61
4550	SINGLE DECK SCREEN SB-70 7'X42	5,221	1.05	1.32	0.31	0.60	0.00	0.69	0.00	19
4555	DOUBLE DECK SCREEN DC-70-42 7'X42	6,378	1.27	1.62	0.37	0.72	0.00	0.85	0.00	27
4560	TRIPLE DECK SCREEN TC-70-42 7'X42	9,248	1.85	2.35	0.54	1.05	0.00	1.23	0.00	34
4565	XHD CONVEYOR JACKLEG	848	0.16	0.21	0.05	0.09	0.00	0.11	0.00	9
4570	101XHD 30"X50' 615 T/HR 42 HP D	31,724	8.87	11.63	1.79	3.42	1.36	3.99	1.78	135
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4580	PLATE FEEDER DOZER TRAP MODEL 45	6,341	1.27	1.61	0.37	0.72	0.00	0.85	0.00	42
4585	BELT FEEDER DOZER TRAP MODEL 65	6,978	1.41	1.77	0.41	0.80	0.00	0.93	0.00	40
4590	WING WALLS STATIONARY	1,238	0.25	0.31	0.07	0.14	0.00	0.16	0.00	9
4595	TUNNEL EXTENSION W/WING WALLS	6,103	1.22	1.56	0.35	0.69	0.00	0.82	0.00	61
4600	SINGLE DECK SCREEN SB-80 8'X48	5,958	1.20	1.51	0.35	0.68	0.00	0.79	0.00	23

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)									
4605	DOUBLE DECK SCREEN DC-80-48 8'X48	8,281	1.66	2.10	0.48	0.94	0.00	1.10	0.00	35
4610	TRIPLE DECK SCREEN TC-80-48 8'X48	10,356	2.08	2.63	0.60	1.18	0.00	1.38	0.00	43
4615	XHD CONVEYOR JACKLEG	848	0.16	0.21	0.05	0.09	0.00	0.11	0.00	9
4620	101XHD 36"X50' 910 T/HR 56 HP D	36,487	10.65	14.02	2.06	3.90	1.81	4.54	2.38	160
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4630	PLATE FEEDER DOZER TRAP MODEL 45	6,713	1.35	1.70	0.40	0.77	0.00	0.89	0.00	45
4635	BELT FEEDER DOZER TRAP MODEL 65	7,466	1.50	1.89	0.44	0.85	0.00	0.99	0.00	42
4640	WING WALLS STATIONARY	1,238	0.25	0.31	0.07	0.14	0.00	0.16	0.00	9
4645	TUNNEL EXTENSION W/WING WALLS	6,103	1.22	1.56	0.35	0.69	0.00	0.82	0.00	61
4650	SINGLE DECK SCREEN SB-90 9'X54	6,911	1.38	1.75	0.40	0.78	0.00	0.92	0.00	28
4655	DOUBLE DECK SCREEN DC-90-54 9'X54	9,904	1.98	2.51	0.57	1.12	0.00	1.32	0.00	43
4660	TRIPLE DECK SCREEN TC-90-54 9'X54	12,708	2.54	3.22	0.74	1.44	0.00	1.69	0.00	54
4665	XHD CONVEYOR JACKLEG	848	0.16	0.21	0.05	0.09	0.00	0.11	0.00	9
4670	101XHD 42"X50' 1260 T/HR 84 HP D	47,073	14.33	18.93	2.65	5.01	2.71	5.84	3.57	180
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4680	PLATE FEEDER DOZER TRAP MODEL 45	7,841	1.57	2.00	0.46	0.89	0.00	1.05	0.00	48
4685	BELT FEEDER DOZER TRAP MODEL 65	10,206	2.05	2.58	0.59	1.16	0.00	1.35	0.00	45
4690	WING WALLS STATIONARY	1,238	0.25	0.31	0.07	0.14	0.00	0.16	0.00	9
4695	TUNNEL EXTENSION W/WING WALLS	6,103	1.22	1.56	0.35	0.69	0.00	0.82	0.00	61
4700	SINGLE DECK SCREEN SB-100 60"X10'	8,928	1.79	2.27	0.52	1.01	0.00	1.19	0.00	37
4705	DOUBLE DECK SCREEN DC-100 60"X10'	11,452	2.29	2.90	0.66	1.30	0.00	1.52	0.00	55
4710	TRIPLE DECK SCREEN TC-100 60"X10'	17,655	3.54	4.47	1.03	2.01	0.00	2.34	0.00	68
4715	XHD CONVEYOR JACKLEG	848	0.16	0.21	0.05	0.09	0.00	0.11	0.00	9
4720	101XHD 48"X50' 1700 T/HR 128 HP D	82,841	23.52	30.75	4.70	9.00	4.13	10.52	5.44	265
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4730	PLATE FEEDER DOZER TRAP MODEL 45	11,350	2.28	2.88	0.66	1.29	0.00	1.51	0.00	51
4735	WING WALLS STATIONARY	1,238	0.25	0.31	0.07	0.14	0.00	0.16	0.00	9

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	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)									
4740	TUNNEL EXTENSION W/WING WALLS	6,469	1.30	1.64	0.38	0.74	0.00	0.86	0.00	66
4745	SINGLE DECK SCREEN SB-120 60"X12'	10,559	2.12	2.68	0.62	1.20	0.00	1.41	0.00	53
4750	DOUBLE DECK SCREEN DC-120 60"X12'	15,502	3.11	3.94	0.90	1.76	0.00	2.07	0.00	77
4755	TRIPLE DECK SCREEN TC-120 60"X12'	21,815	4.37	5.53	1.27	2.48	0.00	2.90	0.00	80
4760	XHD CONVEYOR JACKLEG	848	0.16	0.21	0.05	0.09	0.00	0.11	0.00	9
4765	303 48"X50' 2000 CY/HR 125 HP D	143,776	38.13	50.31	8.11	15.39	4.04	17.95	5.31	627
4770	303 48"X60' 2000 CY/HR 185 HP D	159,899	43.93	57.81	9.04	17.21	5.98	20.07	7.86	662
4775	303 60"X50' 3600 CY/HR 185 HP D	165,199	46.72	62.14	9.27	17.50	5.98	20.40	7.86	682
4780	303 60"X60' 3600 CY/HR 290 HP D	190,250	57.22	76.16	10.68	20.15	9.37	23.47	12.32	737
4785	404 48"X50' 2000 CY/HR 185 HP D	177,769	47.43	62.19	10.09	19.26	5.98	22.47	7.86	616
4790	404 48"X60' 2000 CY/HR 185 HP D	187,836	49.52	64.89	10.66	20.38	5.98	23.79	7.86	650
4795	404 60"X50' 3600 CY/HR 290 HP D	213,189	60.69	80.02	12.06	22.96	9.37	26.78	12.32	671
4800	404 60"X60' 3600 CY/HR 290 HP D	235,895	66.36	87.73	13.32	25.33	9.37	29.54	12.32	724
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4810	SINGLE DECK SCREEN SB-120 72"X12'	13,734	2.75	3.49	0.80	1.56	0.00	1.83	0.00	58
4815	DOUBLE DECK SCREEN DC-120 72"X12'	18,083	3.62	4.58	1.05	2.05	0.00	2.40	0.00	85
4820	TRIPLE DECK SCREEN TC-120 72"X12'	20,676	4.15	5.24	1.20	2.35	0.00	2.75	0.00	90
4825	SINGLE DECK VIBRATING GRIZZLE 72"W	20,749	4.16	5.26	1.21	2.36	0.00	2.76	0.00	89
	LOADERS, FRONT END, CRAWLER TYPE **********									
	CASE									
4835	350 B 3/4 CY 39 HP D	39,642	11.25	14.07	2.30	4.67	1.36	5.49	1.79	105
4840	450 B 1 CY 53 HP D	49,571	14.27	17.86	2.88	5.84	1.85	6.87	2.43	138
4845	850C 1-1/2 CY 78 HP D	66,690	19.52	24.47	3.88	7.86	2.72	9.25	3.58	211
4850	1150 C 1-3/4 CY 105 HP D	90,625	26.46	33.19	5.26	10.67	3.66	12.57	4.82	250
4855	1450 B 2-1/4 CY 140 HP D	107,196	32.07	40.26	6.23	12.63	4.88	14.87	6.43	310

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

UNIT NO.	EQUIPMENT					VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	LOADERS, F.E., CRAWLER TYPE (CONT'D) **********													
		CATERPILLAR												
4865	931B	1	CY	65 HP	D	44,478	13.64	17.13	2.59	5.24	2.27	6.17	2.98	171
4870	943	1-1/2	CY	80 HP	D	79,242	22.58	28.27	4.61	9.34	2.79	10.99	3.67	255
4875	953	2	CY	110 HP	D	98,964	28.68	35.95	5.75	11.66	3.83	13.73	5.05	300
4880	963	2-1/2	CY	150 HP	D	130,328	38.02	47.67	7.57	15.35	5.23	18.08	6.88	394
4885	973	3-3/4	CY	210 HP	D	193,176	55.76	69.86	11.23	22.76	7.32	26.79	9.64	534
		FIAT-ALLIS												
4895	FL5	1	CY	63 HP	D	41,836	12.92	16.24	2.43	4.93	2.20	5.80	2.89	165
4900	FL7	1-1/4	CY	78 HP	D	49,421	15.43	19.42	2.87	5.82	2.72	6.86	3.58	198
4905	FL9	1-5/8	CY	87 HP	D	59,710	18.29	22.99	3.47	7.03	3.03	8.28	3.99	272
4910	FL10C	2	CY	122 HP	D	76,874	24.04	30.24	4.47	9.06	4.25	10.66	5.60	310
4915	FL14C	2-5/8	CY	150 HP	D	99,959	30.85	38.78	5.81	11.78	5.23	13.87	6.88	410
4920	FL20	3-1/2	CY	223 HP	D	143,596	44.66	56.18	8.35	16.92	7.77	19.92	10.24	605
		INTERNATIONAL												
4930	100-E	1-1/8	CY	65 HP	D	51,329	15.27	19.14	2.98	6.05	2.27	7.12	2.98	161
4935	125-E	1-3/8	CY	78 HP	D	61,459	18.28	22.94	3.57	7.24	2.72	8.53	3.58	199
4940	175-C	2	CY	130 HP	D	97,996	29.41	36.93	5.69	11.54	4.53	13.59	5.97	338
4945	250-C	2-3/4	CY	190 HP	D	142,004	42.70	53.60	8.26	16.73	6.62	19.69	8.72	452
		JOHN DEERE												
4955	JD350-C	3/4	CY	42 HP	D	38,095	11.03	13.81	2.22	4.49	1.46	5.28	1.93	119
4960	JD455-D	1-1/4	CY	67 HP	D	50,438	15.15	19.02	2.94	5.95	2.33	7.00	3.08	172
4965	JD555-A	1-3/8	CY	78 HP	D	62,248	18.47	23.16	3.62	7.34	2.72	8.63	3.58	188
		KOMATSU												
4975	D31S-17	1.3	CY	66 HP	D	44,814	13.76	17.31	2.60	5.28	2.30	6.22	3.03	156
4980	D41S-3	1.6	CY	90 HP	D	61,878	18.96	23.82	3.59	7.29	3.14	8.58	4.13	262
4985	D53S-16	1.8	CY	110 HP	D	80,170	24.23	30.45	4.66	9.44	3.83	11.12	5.05	300

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	LOADERS, F.E., CRAWLER TYPE (CONT'D) **********									
	KOMATSU (CONT'D)									
4990	D57S-1 2.1 CY 135 HP D	97,958	29.64	37.24	5.69	11.54	4.70	13.59	6.20	337
4995	D75S-3 3.3 CY 200 HP D	140,617	42.85	53.84	8.17	16.56	6.97	19.50	9.18	485
5000	D155S-1 5.9 CY 350 HP D	281,228	83.32	104.50	16.35	33.14	12.20	39.00	16.06	950
	LOADERS, FRONT END, WHEEL TYPE ********** (ARTIC = ARTICULATED)									
	BOBCAT									
5010	MOD 310 5 CWT. SKID STEER 16 HP G	8,198	2.99	3.88	0.47	0.90	1.10	1.06	1.43	18
5015	MOD 313 5 CWT. SKID STEER 13 HP D	9,566	2.40	3.07	0.55	1.06	0.42	1.24	0.55	19
5020	MOD 540 8 CWT. SKID STEER 23 HP G	11,678	4.26	5.46	0.67	1.30	1.58	1.52	2.06	31
5025	MOD 543 8 CWT. SKID STEER 22 HP D	13,018	3.44	4.37	0.76	1.46	0.71	1.71	0.93	33
5030	MOD 641 10 CWT. SKID STEER 28 HP D	15,358	4.13	5.29	0.89	1.72	0.90	2.01	1.19	39
5035	MOD 642 10 CWT. SKID STEER 32 HP G	14,277	5.56	7.14	0.83	1.60	2.20	1.87	2.86	38
5040	MOD 742 13 CWT. SKID STEER 34 HP G	16,442	6.13	7.86	0.95	1.84	2.33	2.16	3.04	45
5045	MOD 743 13 CWT. SKID STEER 36 HP D	17,629	4.92	6.28	1.02	1.98	1.16	2.31	1.53	46
5050	MOD 843 17 CWT. SKID STEER 54 HP D	22,698	6.79	8.78	1.30	2.51	1.74	2.93	2.29	63
5055	MOD 974 37 CWT. SKID STEER 78 HP D	41,722	11.86	15.65	2.36	4.49	2.52	5.24	3.31	121
	CASE									
5065	W-11 3/4 CY ARTIC 55 HP D	45,491	11.02	14.04	2.62	5.08	1.78	5.94	2.34	89
5070	W-14 1-1/4 CY ARTIC 83 HP D	59,932	15.17	19.53	3.44	6.63	2.68	7.76	3.53	137
5075	W-18 B 1-3/4 CY ARTIC 103 HP D	77,308	19.27	24.67	4.45	8.60	3.33	10.05	4.38	194
5080	W-20 C 2 CY ARTIC 110 HP D	81,017	20.49	26.43	4.64	8.94	3.55	10.44	4.67	212
5085	W-24 C 2-1/2 CY ARTIC 132 HP D	99,842	24.92	31.99	5.73	11.07	4.26	12.94	5.61	216
5090	W-36 3-1/2 CY ARTIC 185 HP D	136,924	33.91	43.08	7.90	15.34	5.98	17.94	7.86	340

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												
5100	910	1-1/4	CY	ARTIC	65 HP D	52,032	12.97	16.80	2.98	5.72	2.10	6.68	2.76	145
5105	920	1-3/4	CY	ARTIC	80 HP D	67,039	16.38	21.08	3.84	7.41	2.58	8.66	3.40	186
5110	930	2-1/4	CY	ARTIC	100 HP D	76,563	19.23	24.83	4.38	8.43	3.23	9.85	4.25	212
5115	950-B	3	CY	ARTIC	155 HP D	123,287	30.05	38.22	7.11	13.79	5.01	16.13	6.59	328
5120	966-D	4	CY	ARTIC	200 HP D	167,135	41.47	53.93	9.54	18.29	6.46	21.36	8.50	426
5125	980-C	5-1/4	CY	ARTIC	270 HP D	225,292	52.03	67.23	11.92	23.03	8.72	26.15	11.47	598
5130	988-B	7	CY	ARTIC	375 HP D	326,588	74.13	96.22	17.09	32.65	12.11	37.03	15.94	892
5135	992-C	13	CY	ARTIC	690 HP D	664,128	149.76	196.57	34.52	65.50	22.29	74.21	29.32	1916
		CLARK												
5145	35C	1-1/4	CY		82 HP D	58,429	14.90	19.25	3.34	6.44	2.65	7.53	3.48	177
5150	45C	1-1/2	CY		107 HP D	68,464	17.89	23.03	3.93	7.58	3.46	8.85	4.55	199
5155	55C	2	CY	ARTIC	121 HP D	79,867	20.79	26.85	4.57	8.81	3.91	10.29	5.14	247
5160	75C	2-1/2	CY	ARTIC	154 HP D	116,698	29.66	38.61	6.66	12.76	4.97	14.89	6.54	313
5165	125C	3-1/2	CY	ARTIC	210 HP D	157,047	40.39	52.92	8.93	17.05	6.78	19.90	8.92	437
5170	175C	4-1/2	CY	ARTIC	273 HP D	214,493	50.40	65.30	11.33	21.88	8.82	24.84	11.60	565
5175	275C	6-1/2	CY	ARTIC	360 HP D	307,648	69.29	89.00	16.19	31.13	11.63	35.31	15.30	864
5180	475C	12	CY	ARTIC	612 HP D	580,599	130.15	169.62	30.30	57.76	19.77	65.47	26.01	1689
		FIAT-ALLIS												
5190	345-B	1-1/2	CY	ARTIC	80 HP D	53,603	13.90	17.97	3.07	5.91	2.58	6.90	3.40	151
5195	FR-10	2-1/4	CY	ARTIC	102 HP D	67,983	17.52	22.51	3.90	7.54	3.29	8.81	4.33	212
5200	FR-12	2-1/2	CY	ARTIC	120 HP D	74,803	19.83	25.65	4.28	8.23	3.88	9.62	5.10	230
5205	FR-15	3	CY	ARTIC	155 HP D	105,634	27.77	36.36	6.01	11.48	5.01	13.40	6.59	296
5210	FR-20	4-1/2	CY	ARTIC	215 HP D	167,085	42.44	55.47	9.50	18.18	6.94	21.22	9.14	445
5215	945-B	6	CY	ARTIC	335 HP D	253,260	59.33	77.05	13.25	25.32	10.82	28.72	14.24	666

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) **********												
		FORD											
5225	445	3/4 CY	48 HP	D	24,550	6.95	9.07	1.40	2.67	1.55	3.12	2.04	73
5230	555	1 CY	55 HP	D	30,104	8.30	10.75	1.72	3.30	1.78	3.85	2.34	78
5235	A-62	1-1/2 CY	88 HP	D	61,816	15.80	20.37	3.55	6.83	2.84	7.97	3.74	173
5240	A-64	2 CY ARTIC	107 HP	D	74,403	19.16	24.78	4.26	8.19	3.46	9.56	4.55	228
5245	A-66	2-1/2 CY ARTIC	136 HP	D	106,236	26.08	33.25	6.12	11.86	4.39	13.87	5.78	256
		INTERNATIONAL											
5255	510B	1-3/8 CY	80 HP	D	50,299	13.90	18.59	2.83	5.33	2.58	6.21	3.40	140
5260	515B	1-5/8 CY	100 HP	D	62,104	16.61	21.59	3.55	6.80	3.23	7.93	4.25	167
5265	520B	2-1/4 CY ARTIC	120 HP	D	73,279	19.59	25.41	4.19	8.05	3.88	9.40	5.10	232
5270	530	2-3/4 CY ARTIC	155 HP	D	107,698	27.21	34.73	6.20	12.02	5.01	14.06	6.59	291
5275	540	3-3/4 CY ARTIC	189 HP	D	150,652	38.14	49.98	8.56	16.35	6.10	19.09	8.03	360
5280	550	5-1/4 CY ARTIC	209 HP	D	210,284	51.30	67.72	11.90	22.64	6.75	26.41	8.88	544
5285	560B	7-1/2 CY ARTIC	415 HP	D	309,622	71.91	92.43	16.30	31.34	13.40	35.56	17.64	830
5290	570	12 CY ARTIC	590 HP	D	596,880	129.94	166.87	31.39	60.35	19.06	68.48	25.07	1350
		JOHN DEERE											
5300	300B	3/4 CY	43 HP	D	23,114	6.34	8.17	1.33	2.55	1.39	2.98	1.83	69
5305	444C	1-1/2 CY	85 HP	D	62,053	15.71	20.26	3.56	6.86	2.75	8.01	3.61	179
5310	544C	2 CY ARTIC	105 HP	D	75,197	18.90	24.16	4.33	8.38	3.39	9.79	4.46	197
5315	644C	3 CY ARTIC	145 HP	D	108,288	27.42	35.50	6.20	11.91	4.68	13.90	6.16	260
5320	844	4-1/2 CY ARTIC	260 HP	D	199,558	47.41	61.67	10.53	20.29	8.40	23.02	11.05	490
		KAWASAKI											
5330	KSS-65Z	2.2 CY	104 HP	D	62,746	16.89	21.99	3.58	6.86	3.36	8.02	4.42	220
5335	KSS-70	3.0 CY	158 HP	D	89,399	24.03	30.79	5.14	9.95	5.10	11.63	6.71	305
5340	KSS-80	4.0 CY	187 HP	D	117,351	31.75	41.77	6.66	12.68	6.04	14.79	7.95	390
5345	KSS-95Z11	5.5 CY	305 HP	D	177,233	45.82	60.19	9.31	17.87	9.85	20.27	12.96	615

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) **********									
	TEREX (GM)									
5355	33C 2 CY 103 HP D	64,652	17.20	22.35	3.69	7.08	3.33	8.27	4.38	216
5360	44C 2-1/2 CY 113 HP D	74,292	19.40	25.12	4.25	8.17	3.65	9.55	4.80	250
5365	55C 3-1/4 CY 144 HP D	104,905	26.20	33.43	6.04	11.71	4.65	13.69	6.12	280
5370	66C 4 CY 210 HP D	141,385	37.21	48.66	8.05	15.39	6.78	17.96	8.92	425
5375	80C 5-1/2 CY 307 HP D	214,096	51.76	67.10	11.31	21.84	9.92	24.79	13.05	590
5380	90B 7-1/2 CY 388 HP D	313,954	71.49	91.78	16.53	31.80	12.53	36.08	16.49	845
	TROJAN									
5390	1500 1-3/4 CY ARTIC 85 HP D	66,787	16.56	21.33	3.83	7.38	2.75	8.63	3.61	180
5395	1900 2-1/4 CY ARTIC 117 HP G	76,560	25.24	32.61	4.38	8.43	8.03	9.85	10.46	212
5400	2000 3 CY ARTIC 149 HP D	109,342	27.24	34.73	6.30	12.21	4.81	14.28	6.33	306
5405	2500 4 CY ARTIC 182 HP D	135,519	34.81	45.53	7.70	14.73	5.88	17.20	7.73	393
5410	4000 4-1/4 CY ARTIC 203 HP D	147,370	38.31	50.34	8.36	15.95	6.56	18.62	8.63	410
5415	5500 5-1/2 CY ARTIC 285 HP D	216,982	52.18	68.36	11.41	21.92	9.21	24.87	12.11	616
5420	7500 7 CY ARTIC 400 HP D	286,174	67.45	87.04	15.02	28.83	12.92	32.71	17.00	846
	LOADER/BACKHOE, WHEEL TYPE TRACTOR **********									
	CASE									
5430	480D LDR/BHOE 7/8 CY FE BUCKET 24" B/H DIPPER 47 HP D	39,674	9.72	12.20	2.29	4.43	1.52	5.18	2.00	100
5435	580D LDR/BHOE 1.0 CY FE BUCKET 24" B/H DIPPER 55 HP D	46,284	11.33	14.21	2.67	5.18	1.78	6.05	2.34	115
5440	680H LDR/BHOE 1-1/4 CY FE BUCKET 30" B/H DIPPER 80 HP D	71,425	17.31	21.71	4.12	7.98	2.58	9.33	3.40	165
5445	780B LDR/BHOE 1-3/4 CY FE BUCKET 30" B/H DIPPER 111 HP D	84,370	21.10	26.50	4.87	9.45	3.59	11.06	4.72	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
	LOADER/BH, WHL. TYPE TRACTOR (CONT'D) **********									
	JOHN DEERE									
5455	410B LDR/BH 1 CY FE BUCKET 62 HP D 24" B/H DIPPER	47,044	12.00	15.13	2.68	5.15	2.00	6.01	2.63	138
5460	510 LDR/BHOE 1-1/8 CY FE BUCKET 80 HP D 24" B/H DIPPER	68,022	16.74	21.04	3.90	7.53	2.58	8.80	3.40	205
5465	710B LDR/BHOE 1-1/2 CY FE BUCKET 100 HP D 30" B/H DIPPER	75,113	18.86	23.72	4.32	8.37	3.23	9.79	4.25	220
	LOADER/BACKHOE, CRLR TYPE TRACTOR **********									
	CASE									
5475	350B LDR/BHOE 3/4 CY FE BUCKET 39 HP D 24" B/H DIPPER	54,048	14.66	18.30	3.15	6.37	1.36	7.50	1.79	141
5480	450B LDR/BHOE 1 CY FE BUCKET 53 HP D 24" B/H DIPPER	64,360	17.76	22.19	3.74	7.58	1.85	8.92	2.43	167
	CATERPILLAR									
5490	931BLDR/BHOE 1 CY FE BUCKET 65 HP D 30" B/H DIPPER	56,881	16.57	20.77	3.30	6.70	2.27	7.89	2.98	207
	LOADER/BACKHOE ATTACHMENTS ********** HYDRAULICALLY OPERATED IMPACTOR MOUNTED ON BACKHOE OR HYDRAULIC EXCAVATOR (ADD TO THE BASIC LOADER-BACKHOE OR EXCAVATOR)									
5500	KENT RAM 555 W/NARROW CHISEL	4,907	1.97		0.35	0.77	0.00			6
5505	KENT RAM 999 W/NARROW CHISEL	10,209	4.11		0.73	1.61	0.00			10
5510	KENT RAM 2000 W/CHISEL-MIN 3/4CY B/H	19,766	7.91		1.42	3.12	0.00			22
5515	KENT KHP-12 HYDRA-PAK TAMPER	5,140	1.80		0.37	0.81	0.00			9
5520	KENT KHP-25 HYDRA-PAK MIN 3/4CY B/H	8,056	2.79		0.58	1.27	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
	PILE EXTRACTORS **********												
	MKT CORPORATION												
5530	E2	700 FT-LBS	400CFM	A	14,047	4.49		1.00	2.21	0.00			27
5535	F4	1000 FT-LBS	550CFM	A	21,169	6.73		1.52	3.34	0.00			47
	VULCAN												
5545	400A	500 FT-LBS	450CFM	A	18,059	5.73		1.30	2.85	0.00			30
5550	800A	1000 FT-LBS	900CFM	A	23,586	7.61		1.69	3.72	0.00			57
5555	1200A	1640 FT-LBS	1350CFM	A	27,783	9.17		1.99	4.38	0.00			97
	PILE HAMMERS, DIESEL ********** (FUEL NOT INCLUDED)												
	MKT CORPORATION												
5565	DE-30B/20B	(6-FT) 12,000 FT-LBS			35,442	10.78		2.54	5.59	0.00			74
5570	DE-30B/20B	(6-FT) 16,800 FT-LBS			39,610	12.04		2.84	6.25	0.00			82
5575	DE-70B/50B	(6-FT) 30,000 FT-LBS			65,062	19.75		4.67	10.27	0.00			138
5580	DE-70B/50B	(6-FT) 42,000 FT-LBS			69,137	20.98		4.96	10.91	0.00			158
	PILE HAMMERS, SINGLE ACTING **********												
	VULCAN												
5590	1	15000 FT-LBS	750CFM	A	36,193	11.37		2.60	5.71	0.00			101
5595	06	19500 FT-LBS	900CFM	A	41,450	13.02		2.97	6.54	0.00			121
5600	08	26000 FT-LBS	1100CFM	A	47,710	15.02		3.42	7.53	0.00			175
5605	010	32500 FT-LBS	1350CFM	A	52,270	16.54		3.75	8.25	0.00			195
5610	012	39000 FT-LBS	1500CFM	A	58,694	18.37		4.21	9.26	0.00			287
5615	014	42000 FT-LBS	1750CFM	A	70,060	22.11		5.02	11.05	0.00			283
5620	016	48750 FT-LBS	1750CFM	A	82,988	26.03		5.95	13.10	0.00			320
5625	020	60000 FT-LBS	2150CFM	A	109,954	34.38		7.89	17.35	0.00			425
5630	030	90000 FT-LBS	2350CFM	A	162,294	50.32		11.63	25.60	0.00			575

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 **********									
	MKT CORPORATION									
5640	9-B-3 8750 FT-LBS 900CFM A	28,391	9.07		2.04	4.48	0.00			74
5645	10-B-3 13100 FT-LBS 1200CFM A	32,203	10.37		2.31	5.08	0.00			114
5650	11-B-3 19150 FT-LBS 1200CFM A	42,942	13.63		3.08	6.78	0.00			141
5655	5 (SELF STOP) 1000 FT-LBS 375CFM A	10,779	3.51		0.77	1.70	0.00			17
5660	6 (SELF STOP) 2500 FT-LBS 600CFM A	13,643	4.46		0.98	2.16	0.00			31
5665	7 (SELF STOP) 4150 FT-LBS 750CFM A	17,079	5.58		1.22	2.69	0.00			50
	VULCAN									
5675	50C 15100 FT-LBS 1250CFM A	46,046	14.58		3.30	7.27	0.00			153
5680	65C 19200 FT-LBS 1450CFM A	52,734	16.72		3.78	8.32	0.00			153
5685	80C 24450 FT-LBS 1750CFM A	56,617	18.04		4.06	8.93	0.00			184
5690	100C 32900 FT-LBS 2050CFM A	69,368	22.05		4.97	10.94	0.00			232
5695	140C 36000 FT-LBS 2150CFM A	85,890	27.10		6.16	13.55	0.00			287
5700	200C 50200 FT-LBS 2550CFM A	124,358	38.95		8.91	19.62	0.00			398
	PILE HAMMERS, VIBRATORY **********									
	MKT CORPORATION									
5710	V5 WITH POWER PACK 59 HP D	62,096	21.31		4.45	9.80	1.91			110
5715	V16 WITH POWER PACK 156 HP D	116,669	41.94		8.36	18.40	5.04			215
5720	V20 WITH POWER PACK 295 HP D	171,322	64.41		12.28	27.03	9.53			257
5725	V30 WITH POWER PACK 550 HP D	184,584	79.28		13.23	29.12	17.76			350
5730	V36 WITH POWER PACK 650 HP D	233,220	98.25		16.71	36.79	20.99			450

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
	PIPELAYER *********									
	CATERPILLAR									
5740	561D 15 FT BOOM, 40,000 LB CAP 105 HP D	114,769	20.31	24.80	6.28	10.89	1.87	12.18	2.41	357
5745	571G 18 FT BOOM, 60,000 LB CAP 200 HP D	183,684	33.32	40.73	10.05	17.43	3.57	19.49	4.59	502
5750	572G 18 FT BOOM, 90,000 LB CAP 200 HP D	210,199	37.40	45.68	11.50	19.94	3.57	22.31	4.59	605
5755	583K 20 FT BOOM, 140,000 LB CAP 300 HP D	264,457	48.27	59.02	14.47	25.10	5.35	28.07	6.88	905
5760	594H 24 FT BOOM, 200,000 LB CAP 410 HP D	369,094	67.16	82.10	20.20	35.03	7.32	39.18	9.41	1229
	PUMPS, GROUT **********									
	CHEMGROUT									
5770	CG-500 VERSATILE AIR OPERATED GROUT PLANT-100 PSI, 230 CFM	12,283	3.18		0.79	1.70	0.00			11
5775	CG-550 AIR OPERATED MINI GROUT PLANT-100 PSI, 150 CFM	4,535	1.22		0.29	0.63	0.00			5
5780	CG-600 AIR OPERATED COLLOIDAL MIXER AND PUMP-100 PSI, 450 CFM	18,125	4.79		1.16	2.51	0.00			18
5785	CG-620 COLLOIDAL ADD-ON TO CG-500	7,831	1.99		0.51	1.09	0.00			11
	PUMPS, WATER (FOR CORE DRILLS) **********									
	LONGYEAR									
5795	520 RQG 5.7-20 GPM UP TO 600PSI 10 HP G	6,638	2.51		0.38	0.75	0.95			7
5800	535 RQG 9.9-35 GPM UP TO 800PSI 15 HP G	8,387	3.47		0.49	0.95	1.42			10
	PUMPS, WATER,CENTRIFUGAL,DEWATERING **********									
	HOMELITE - SKID MOUNTED									
5810	MOD 110S 1-1/2"-5000 GPH @ 30' H 2 HP G	461	0.34		0.03	0.05	0.19			1
5815	MOD 111S 2" - 9000 GPH @ 22' H 3 HP G	594	0.48		0.03	0.06	0.28			1
5820	MOD 120S 3" - 18000 GPH @ 20' H 8 HP G	1,102	1.21		0.06	0.12	0.76			2

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,DEWATER (CONT'D) **********									
	MARLOW - WHEEL MOUNTED									
5830	MOD 4D2 465 GPM @ 20 ' HEAD 43 HP G	8,786	7.05		0.51	1.00	4.07			14
5835	MOD 4C7 595 GPM @ 20 ' HEAD 30 HP D	5,051	2.82		0.29	0.57	1.35			10
5840	MOD 6E4A 1100 GPM @ 20 ' HEAD 79 HP G	11,647	12.09		0.68	1.32	7.48			15
5845	MOD 6E4A 1100 GPM @ 20 ' HEAD 60 HP D	16,770	6.92		0.97	1.90	2.70			24
5850	MOD 8FA3 2320 GPM @ 20 ' HEAD 70 HP D	21,578	8.47		1.25	2.45	3.15			23
5855	MOD 10FA61 2775 GPM @ 20 ' HEAD 68 HP D	22,911	8.60		1.34	2.61	3.06			30
	PUMPS, WATER, CENTRIFUGAL, TRASH **********									
	HOMELITE - SKID MOUNTED									
5865	MOD 121TP 2" - 11500 GPH @ 20' H 5 HP G	954	0.80		0.06	0.11	0.47			1
5870	MOD 120 3" - 23000 GPH @ 20' H 8 HP G	1,304	1.25		0.08	0.15	0.76			2
5875	MOD 160TP 4" - 36500 GPH @ 20' H 16 HP G	2,673	2.51		0.16	0.31	1.51			4
	PUMPS, WATER,DIAPHRAGM **********									
	HOMELITE - SKID MOUNTED									
5885	MOD 111DP 2" - 1900 GPH @ 10' HD 3 HP G	1,194	0.60		0.07	0.14	0.28			1
5890	MOD 111DP 3" - 4800 GPH @ 10' HD 3 HP G	1,332	0.62		0.08	0.15	0.28			2
	PUMPS, WATER, SUBMERSIBLE **********									
	GORMAN-RUPP									
5900	MOD S2A1 2" - 138 GPM @ 20' HD 2 HP E	1,617	0.44		0.09	0.18	0.14			2
5905	MOD S3A1 3" - 278GPM @ 20' HD 5 HP E	2,310	0.87		0.13	0.26	0.36			3
5910	MOD S4A1 4" - 860 GPM @ 40' HD 25 HP E	8,203	3.86		0.47	0.93	1.80			12
5915	MOD S6A1 6" - 1950 GPM @ 40' HD 60 HP E	10,695	7.88		0.62	1.21	4.32			14

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	PUMPS, WATER, SUBMERSIBLE (CONT'D) **********									
	HOMELITE									
5925	MOD SP200 2" - 13000 GPH @ 10' HD 2 HP E	1,312	0.40		0.08	0.15	0.14			1
5930	MOD SP300 3" - 19000 GPH @ 15' HD 4 HP E	1,624	0.66		0.09	0.18	0.29			1
	RIPPER & HYDRAULIC BANK SLOPER ********** (DOES NOT INCLUDE COST OF POINT WEAR)									
	ATECO									
5940	LPAF-D8K PARALLEL LIFT	24,740	5.88	7.91	1.59	3.43	0.00	4.29	0.00	101
5945	D-8K SHANKS EA	1,946	0.45	0.62	0.13	0.27	0.00	0.34	0.00	11
5950	LPAF-D7G PARALLEL LIFT	18,475	4.39	5.91	1.18	2.56	0.00	3.20	0.00	57
5955	D-7G SHANKS EA	852	0.19	0.26	0.05	0.11	0.00	0.14	0.00	5
5960	V-LPRF-TD25E PARALLEL LIFT STD SVC	21,263	5.07	6.81	1.36	2.95	0.00	3.69	0.00	97
5965	TD-25C SHANKS EA	1,920	0.45	0.60	0.13	0.27	0.00	0.33	0.00	8
5970	V-LPRF-TD20E PARALLEL LIFT STD SVC	15,362	3.67	4.94	0.98	2.13	0.00	2.67	0.00	51
5975	TD-20E SHANKS EA	1,226	0.29	0.38	0.08	0.17	0.00	0.21	0.00	4
5980	PS-TD15C RADIAL LIFT	8,980	2.17	2.92	0.57	1.24	0.00	1.56	0.00	22
5985	TD-15C SHANKS EA	487	0.12	0.15	0.03	0.07	0.00	0.08	0.00	1
5990	V-LPRF 82-50 PARALLEL LIFT STD SVC	23,723	5.62	7.57	1.52	3.29	0.00	4.12	0.00	105
5995	82-50 SHANKS EA	1,920	0.45	0.60	0.13	0.27	0.00	0.33	0.00	8
6000	V-LPRF-82-30B PARALLEL LIFT	21,082	5.01	6.74	1.36	2.93	0.00	3.66	0.00	89
6005	82-30 SHANKS EA	2,595	0.61	0.82	0.17	0.36	0.00	0.45	0.00	8
6010	HBS-HYDR BANK SLOPER 260-475 HP	9,278	1.87	2.35	0.54	1.09	0.00	1.28	0.00	28
	CATERPILLAR									
6020	D-10 MULTI-SHANK BEAM	48,661	11.58	15.58	3.12	6.75	0.00	8.44	0.00	218
6025	D-10 SHANKS EA	3,546	0.83	1.11	0.23	0.49	0.00	0.61	0.00	15
6030	D-10 SINGLE-SHANK BEAM	51,763	12.30	16.55	3.32	7.18	0.00	8.98	0.00	209
6035	D-9L MULTI-SHANK BEAM W/HYD-CONTROL	41,206	9.78	13.17	2.64	5.71	0.00	7.15	0.00	162
6040	D-9L SHANKS EA	3,188	0.74	1.00	0.20	0.44	0.00	0.55	0.00	14

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. 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)									
6045	D-9L SINGLE-SHANK BEAM HYD-CNTL&SHANK	38,366	9.12	12.27	2.46	5.32	0.00	6.65	0.00	156
6050	D-8L MULTI-SHANK BEAM HYD-CONTROL	27,780	6.58	8.87	1.78	3.85	0.00	4.82	0.00	98
6055	D-8L SHANKS EA	1,791	0.42	0.56	0.12	0.25	0.00	0.31	0.00	7
6060	D-8L SINGLE-SHANK BEAM HYD-CNTL&SHANK	27,021	6.41	8.62	1.73	3.75	0.00	4.68	0.00	101
6065	D-7G MULTI-SHANK BEAM HYD-CONTROL	15,531	3.71	4.98	1.00	2.16	0.00	2.69	0.00	57
6070	D-7G SHANKS EA	923	0.22	0.29	0.06	0.13	0.00	0.16	0.00	3
6075	D-6D MULTI-SHANK BEAM HYD-CONTROL	9,716	2.35	3.15	0.62	1.35	0.00	1.69	0.00	34
6080	D-6D SHANKS EA	471	0.11	0.15	0.03	0.07	0.00	0.08	0.00	1
6085	D-4E MULTI-SHANK BEAM HYD-CONTROL	5,999	1.49	1.97	0.39	0.84	0.00	1.04	0.00	22
6090	D-4E SHANKS EA	254	0.06	0.08	0.02	0.04	0.00	0.04	0.00	1
6095	D-3B FIVE-SHANK BEAM HYD-CONTROL	2,659	0.69	0.92	0.17	0.36	0.00	0.46	0.00	7
6100	D-3B SHANKS EA	141	0.03	0.05	0.01	0.02	0.00	0.03	0.00	1
	FIAT-ALLIS									
6110	FD-50 W/HYD-CNTL AND 1 SHANK	54,240	12.94	17.41	3.47	7.52	0.00	9.41	0.00	280
6115	FD-40 W/HYD-CNTL AND 2 SHANKS	42,170	10.05	13.51	2.70	5.85	0.00	7.31	0.00	200
6120	FD-30 W/HYD-CNTL AND 2 SHANKS	31,550	7.47	10.07	2.03	4.38	0.00	5.48	0.00	108
6125	RP20B W/HYD-CNTL AND 3 SHANKS	18,729	4.46	5.99	1.20	2.59	0.00	3.24	0.00	88
	ROLLER, RUBBER TIRED, SELF-PROPELLED **********									
	FERGUSON									
6135	MOD SP-912 12 TON 85 HP D	37,622	10.92		2.16	4.30	2.75			99
6140	MOD SP-915 15 TON 85 HP D	41,592	11.71		2.39	4.77	2.75			135
6145	MOD SP-1118 18 TON 85 HP D	48,236	13.04		2.77	5.52	2.75			124
6150	MOD SP-1130 30 TON 125 HP D	77,442	20.53		4.44	8.80	4.04			242

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
	ROLLER, R/T,SELF-PROPELLED (CONT'D) **********												
	INGRAM												
6160	9-2800-P	12 TON	76 HP	D	32,883	9.61		1.88	3.74	2.45			73
6165	9-2800-PA	12 TON	76 HP	D	35,374	10.11		2.03	4.04	2.45			86
6170	9-3400-P	15 TON	78 HP	D	36,211	10.35		2.08	4.13	2.52			97
6175	11-2700	15 TON	107 HP	G	34,895	16.10		2.00	3.96	7.34			89
6180	11-2700	15 TON	76 HP	D	38,846	10.82		2.22	4.42	2.45			91
6185	13-2300	15 TON	107 HP	G	36,469	16.43		2.08	4.12	7.34			86
6190	13-2300	15 TON	76 HP	D	40,438	11.15		2.31	4.58	2.45			90
6195	9-6000	27 TON	117 HP	D	88,496	22.43		5.06	10.04	3.78			205
	TAMPO												
6205	SP-312	12 TON	68 HP	D	35,843	9.89		2.06	4.09	2.20			66
6210	SP-518	15 TON	68 HP	D	44,447	11.56		2.56	5.11	2.20			95
6215	SP-950	27 TON	130 HP	D	91,686	23.53		5.25	10.45	4.20			198
6220	SP-1070 M	35 TON	130 HP	D	110,508	27.83		6.23	12.17	4.20			258
	ROLLER, RUBBER TIRED, TOWED **********												
	FERGUSON												
6230	RT-100S	50 TON			60,922	11.98		3.21	5.82	0.00			200
6235	RT-120S	60 TON			71,818	14.71		3.99	7.68	0.00			218
	SOUTHWEST												
6245	C 50	50 TON			73,840	14.69		3.98	7.40	0.00			344
6250	C 75	75 TON			81,775	16.24		4.34	7.92	0.00			408
6255	C 100XL	100 TON			112,173	22.42		6.10	11.48	0.00			601
	TAMPO												
6265	R-13	14 TON			9,127	1.93		0.49	0.92	0.00			35

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, SHEEPSFOOT,DOUBLE DRUM,TOWED **********									
	FERGUSON									
6275	MOD 112 40"X48" 3-7 TON	12,926	2.68		0.76	1.52	0.00			65
6280	MOD 112W 40"X48" 4.5-8 TON	16,446	3.36		0.95	1.92	0.00			91
6285	MOD 112W-48 48"X48" 5-10 TON	16,963	3.46		0.98	1.98	0.00			105
6290	MOD 120 60"X60" 8-18 TON	25,401	5.13		1.48	2.98	0.00			157
6295	MOD 120 MOD 60"X60" 8-18 TON	38,845	7.76		2.25	4.54	0.00			230
6300	MOD 120-RE 60"X60" 16-20 TON	58,713	11.68		3.42	6.88	0.00			327
6305	MOD 22 60"X72" 16-20 TON	38,376	7.69		2.24	4.50	0.00			215
6310	MOD 22 MOD 60"X72" 16-20 TON	44,798	8.93		2.60	5.24	0.00			269
6315	MOD 144-RE 60"X72" 19-24 TON	69,110	13.72		4.02	8.09	0.00			385
	TAMPO									
6325	H-1 TF 40"X48" 2.6TON	5,720	1.26		0.33	0.67	0.00			32
6330	H-2 TF 40"X48" 5 TON	11,564	2.41		0.67	1.35	0.00			63
	ROLLER, SHEEPSFOOT,DD,SELF-PROPELLED **********									
	CATERPILLAR									
6340	815 B 40.5"X38" 210 HP D	148,409	37.59		8.63	17.38	6.78			419
6345	825C 51"X44" 310 HP D	224,475	56.54		13.04	26.28	10.01			633
6350	825C W/S BLADE 310 HP D	237,326	59.06		13.79	27.78	10.01			684
	HYSTER									
6360	C455-B TANDEM 80"X80" ARTIC 330 HP D	243,305	61.05		14.13	28.48	10.66			573

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, SELF-PROPELLED **********									
	FERGUSON									
6370	3-5 TON TANDEM 52 HP D	25,316	7.05		1.47	2.96	1.68			77
6375	4-6 TON TANDEM 52 HP D	30,211	8.02		1.76	3.54	1.68			96
6380	5-8 TON TANDEM 85 HP D	46,139	12.48		2.68	5.40	2.75			136
6385	8-10 TON TANDEM 85 HP D	48,270	12.91		2.81	5.66	2.75			174
6390	8-12 TON TANDEM 85 HP D	50,418	13.32		2.93	5.90	2.75			176
6395	10-14 TON TANDEM 85 HP D	52,593	13.74		3.05	6.15	2.75			219
	INGRAM									
6405	12 TON EB 3 WHEEL 3" OVERLAP 107 HP G	50,513	19.03		2.93	5.91	7.34			194
6410	12 TON EB 3 WHEEL 3" OVERLAP 85 HP D	54,186	14.06		3.15	6.34	2.75			196
6415	14 TON EB 3 WHEEL 3" OVERLAP 107 HP G	53,602	19.63		3.11	6.27	7.34			221
6420	14 TON EB 3 WHEEL 3" OVERLAP 85 HP D	57,275	14.66		3.33	6.70	2.75			223
6425	4-6 TON FB 2 WHEEL TANDEM 54 HP G	24,785	9.47		1.44	2.90	3.71			82
6430	6-9 TON GB 2 WHEEL TANDEM 107 HP G	33,656	15.72		1.95	3.94	7.34			133
6435	6-9 TON GB 2 WHEEL TANDEM 85 HP D	37,329	10.74		2.16	4.36	2.75			135
6440	8-12 TON HB 2 WHEEL TANDEM 107 HP G	40,838	17.13		2.37	4.78	7.34			171
6445	8-12 TON HB 2 WHEEL TANDEM 85 HP D	44,511	12.16		2.59	5.21	2.75			173
6450	10-14 TON HB 2 WHEEL TANDEM 107 HP G	44,080	17.77		2.56	5.16	7.34			203
6455	10-14 TON HB 2 WHEEL TANDEM 85 HP D	47,753	12.80		2.78	5.59	2.75			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, VIBRATORY, SINGLE DRUM, TOWED ********** TF=ROLLER W/TAMPING FEET VIBRATION FREQUENCY IN HERTZ DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC									
6465	CK-11 40HZ 30"X55" 5 TON 18 HP G	12,430	5.50		0.80	1.71	1.70			31
6470	CF-11 40HZ TF 30"X55" 5 TON 18 HP G	15,210	6.23		0.97	2.09	1.70			32
6475	CH-47 27HZ 47"X74" 13 TON 43 HP D	36,393	12.09		2.33	5.01	1.94			130
6480	CF-47 27HZ TF 47"X74" 13 TON 43 HP D	35,330	11.81		2.26	4.86	1.94			135
6485	CK-51 25HZ 59"X83" 24 TON 95 HP D	49,405	18.60		3.17	6.81	4.28			221
6490	CF-51 25HZ TF 59"X83" 24 TON 95 HP D	52,095	19.29		3.33	7.17	4.28			226
	FERGUSON									
6500	65 25HZ TF 60"X72" 11 TON 49 HP D	34,684	12.01		2.22	4.78	2.21			110
6505	65T 30HZ TF 44"X72" 11 TON 49 HP D	37,720	12.81		2.42	5.20	2.21			127
6510	230 25HZ 66"X78" 20 TON 77 HP D	60,743	20.49		3.88	8.36	3.47			237
6515	230T 25HZ TF 66"X78" 21 TON 77 HP D	66,291	21.94		4.24	9.12	3.47			268
	HYSTER									
6525	C200B 30HZ 48"X60" 9 TON 39 HP D	30,030	10.18		1.92	4.13	1.76			80
6530	C210A 30HZ TF 58"X60" 9 TON 39 HP D	35,491	11.62		2.27	4.89	1.76			100
	RAYGO									
6540	SF-54A TF 38HZ 30"X54" 7.5TON 30 HP D	17,937	6.48		1.15	2.47	1.35			48
6545	SM-54A 38HZ 30"X54" 7.5TON 30 HP D	16,278	6.04		1.04	2.24	1.35			48
	SOUTHWEST									
6555	756 25HZ TF 66"X78"23.5TON 75 HP D	75,449	24.22		4.82	10.38	3.38			240
6560	566 33HZ TF 56"X72"25.5TON 50 HP D	57,497	18.03		3.68	7.92	2.25			165

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	ROLLER,VIB,SINGLE DRUM,SELF-PROPELLED ********** TF=ROLLER W/TAMPING FEET VIBRATION FREQUENCY IN HERTZ DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC									
6575	CA-15 29HZ 48"X66" 11 TON 73 HP D	57,789	19.51		3.68	7.89	3.29			132
6580	CA-15A 42HZ 48"X66" 12 TON 85 HP D	66,495	22.64		4.19	8.88	3.83			144
6585	CA-15PD 29HZ TF 53"X66" 13 TON 85 HP D	74,354	24.58		4.74	10.18	3.83			157
6590	CA-25A 40HZ 60"X84" 18 TON 125 HP D	86,596	30.26		5.48	11.68	5.63			200
6595	CA-25 28HZ 60"X84" 18 TON 125 HP D	79,443	28.37		5.03	10.73	5.63			200
6600	CA-25S 28HZ 61"X84" 22 TON 125 HP D	83,991	29.56		5.32	11.35	5.63			225
6605	CA-25PD 28HZ 68"X84" 22 TON 125 HP D	95,784	32.64		6.07	12.97	5.63			248
6610	CA-30 28HZ 61"X84" 22 TON 125 HP D	88,179	30.65		5.58	11.92	5.63			242
6615	CA-30D 28HZ 61"X84" 22 TON 125 HP D	95,482	32.56		6.05	12.93	5.63			252
	FERGUSON									
6625	SP 266A 42HZ 48"X66" 15 TON 125 HP D	81,429	28.76		5.21	11.21	5.63			225
6630	SP 75 30HZ 60"X84" 22.5 TON 85 HP D	67,167	22.79		4.25	9.04	3.83			191
6635	SP 75D 30HZ 60"X84" 22.5 TON 120 HP D	71,279	25.94		4.51	9.60	5.41			193
6640	SP 75DT 30HZ TF 60"X84" 22.5 TON 120 HP D	81,036	28.49		5.13	10.94	5.41			236
	INGERSOLL RAND									
6650	SPF-56 30HZ TF 56"X84" 21 TON 115 HP D	86,307	29.57		5.47	11.67	5.18			222
6655	SP-60DD 25HZ 60"X100" 30 TON 203 HP D	128,040	45.81		8.10	17.29	9.15			377
	RAYGO									
6665	RASCAL 220A 30HZ TF38"X48" 6 TON 70 HP D	55,187	18.63		3.52	7.56	3.15			97
6670	RASCAL 303A 38HZ 48"X66" 8 TON 70 HP D	55,117	18.63		3.51	7.51	3.15			137
6675	RASCAL 320A 25HZ TF48"X60" 8 TON 80 HP D	73,460	24.02		4.68	10.05	3.60			151
6680	RASCAL 320S 25HZ 48"X60" 8 TON 80 HP D	61,744	20.96		3.93	8.43	3.60			144
6685	RUSTLER 304A 28HZ 48"X66" 8 TON 70 HP D	60,467	20.16		3.80	8.05	3.15			130
6690	RUSTLER 404B 28HZ 59"X84"13.5TON 88 HP D	82,970	27.07		5.27	11.25	3.96			175

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,SD,S/P (CONT'D)									
	**********									
	TF=ROLLER W/TAMPING FEET									
	VIBRATION FREQUENCY IN HERTZ									
	DYNAMIC FORCE SHOWN IN TONS									
	RAYGO (CONT'D)									
6695	RASCAL 420C 25HZ TF60"X84" 16 TON 119 HP D	91,489	31.15		5.80	12.41	5.36			225
6700	RASCAL 4000 25HZ 60"X84" 20 TON 125 HP D	76,978	27.72		4.87	10.38	5.63			224
6705	RASCAL 510A 25HZ 60"X80"22.5TON 119 HP D	107,857	35.48		6.84	14.61	5.36			358
6710	RASCAL 600A 25HZ 60"X100"22.5TON 119 HP D	93,797	31.80		5.95	12.68	5.36			316
6715	RASCAL 450A 28HZ 59"X84"28.5TON 125 HP D	84,404	29.73		5.33	11.31	5.63			263
	TAMPO									
6725	RS-16A 26HZ 48'X24" 7.5TON 68 HP D	59,168	19.70		3.72	7.87	3.06			124
6730	RS-16 26HZ 48"X24" 8 TON 68 HP D	51,784	17.64		3.30	7.06	3.06			115
6735	RS-16D 26HZ 48"X24" 8 TON 80 HP D	62,935	21.27		4.01	8.60	3.60			123
6740	RH-16A 26HZ 48"X24" 9 TON 75 HP D	69,110	22.72		4.35	9.24	3.38			153
6745	RP-16D 26HZ TF 48"X24" 9 TON 80 HP D	69,247	22.93		4.42	9.47	3.60			127
6750	RP-28D 25HZ TF 63"X84" 15 TON 110 HP D	90,350	30.35		5.73	12.23	4.96			212
6755	RS-28C 25HZ 60"X84" 15 TON 107 HP D	75,152	26.17		4.75	10.13	4.82			202
6760	RS-28D 25HZ 60"X84" 15 TON 107 HP D	81,239	27.76		5.14	10.97	4.82			208
6765	RH-28D 28HZ 60"X84"22.5TON 110 HP D	103,635	33.82		6.57	14.05	4.96			259
	ROLLER,VIB,DOUBLE DRUM,SELF-PROPELLED									
	**********									
	TF=ROLLER W/TAMPING FEET									
	VIBRATION FREQUENCY IN HERTZ									
	DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC									
6775	LR-50 60HZ TANDEM 2 TON 16 HP D	10,653	3.74		0.68	1.47	0.72			25
6780	CC-10 50HZ TANDEM 2 TON 34 HP D	28,134	9.39		1.80	3.87	1.53			50
6785	CC-21 50HZ TANDEM 4 TON 71 HP D	66,377	21.60		4.24	9.13	3.20			137
6790	CC-42II 42HZ TANDEM 12 TON 125 HP D	89,157	30.78		5.70	12.27	5.63			200
6795	CC-50A 40HZ TANDEM 18 TON 155 HP D	107,982	37.49		6.90	14.86	6.98			310

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,DD,S/P (CONT'D)									
	**********									
	TF=ROLLER W/TAMPING FEET VIBRATION FREQUENCY IN HERTZ DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC (CONT'D)									
6800	CC-50S 28HZ TANDEM 22 TON 181 HP D	130,419	44.93		8.35	17.96	8.15			342
6805	CC-50PD 28HZ TF TANDEM 22 TON 181 HP D	147,211	49.32		9.42	20.27	8.15			419
	RAYGO									
6815	REBEL 1-36 40HZ TANDEM 2 TON 16 HP D	10,730	3.75		0.68	1.47	0.72			23
6820	ROMPER 2-36 40HZ TANDEM 4 TON 35 HP D	23,942	8.35		1.53	3.29	1.58			40
6825	RUSTLER 5604A 50HZ TANDEM 5.5TON 70 HP D	64,091	20.94		4.10	8.82	3.15			132
6830	RUSTLER 7204A 38HZ TANDEM 8 TON 115 HP D	85,176	29.15		5.45	11.73	5.18			250
6835	RANGER 2-66 38HZ TANDEM 8 TON 119 HP D	108,312	35.45		6.93	14.91	5.36			215
	TAMPO									
6845	RS-03 60HZ 36"X24" 2 TON 14 HP G	10,514	4.49		0.67	1.44	1.32			23
6850	RS-144A 50HZ 42"X48" 8 TON 52 HP D	54,406	17.34		3.48	7.49	2.34			100
6855	RS-166A 36HZ 48"X66" 16 TON 80 HP D	85,076	27.03		5.44	11.71	3.60			200
6860	RS-188A 36HZ 60"X84" 30 TON 156 HP D	105,935	37.02		6.77	14.58	7.03			320
6865	RH-199 25HZ 60"X96" 45 TON 262 HP D	187,257	64.63		11.98	25.78	11.80			491
	SCRAPERS, SELF-PROPELLED									
	**********									
	(CAPACITY AS RECOMMENDED BY MFGR HP & FUEL LISTED TRACTOR/SCRAPER PP = PUSH PULL ATTACHMENT)									
	CATERPILLAR									
6875	613-B 13 T 11 CY P.S. 150 HP D	125,355	32.71	42.22	7.10	14.01	4.97	16.44	6.50	307
6880	615 19 T 14-16 CY P.S. 250 HP D	200,021	51.96	67.74	11.27	22.82	8.29	26.88	10.84	525
6885	621-B 24 T 14-20 CY P.S. 330 HP D	247,933	62.78	82.04	13.96	28.25	9.82	33.28	12.90	662
6890	623-B 25 T 22 CY P.S. 330 HP D	275,450	70.46	91.58	15.57	31.60	10.94	37.23	14.31	718
6895	627-B 24 T 14-20 CY P.S. 225/225 HP D/D	289,428	78.39	102.91	16.41	33.46	14.15	39.44	18.36	733
6900	627-B PP 24 T 14-20 CY P.S. 225/225 HP D/D	307,279	81.69	107.00	17.46	35.64	14.15	42.01	18.36	772

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)									
6905	631-D 37.5T 21-31 CY P.S. 450 HP D	380,642	93.20	121.24	21.52	43.72	13.39	51.52	17.59	934
6910	633-D 37.5T 34 CY P.S. 450 HP D	433,347	106.67	137.95	24.58	50.12	14.92	59.07	19.51	1042
6915	637-D 37.5T 21-31 CY P.S. 450/250 HP D/D	467,038	124.56	163.02	26.54	54.21	22.01	63.91	28.56	1053
6920	637-D PP 37.5T 21-31 CY P.S. 450/250 HP D/D	487,231	128.28	167.63	27.72	56.66	22.01	66.81	28.56	1077
6925	639-D 37.5T 24-34 CY P.S. 450/250 HP D/D	536,526	140.33	184.54	30.42	61.96	22.01	73.02	28.56	1223
6930	651-B 52 T 32-44 CY P.S. 550 HP D	488,735	119.11	155.18	27.59	55.96	16.36	65.92	21.50	1230
6935	657-B 52 T 32-44 CY P.S. 550/400 HP D/D	602,089	163.19	213.98	34.18	69.72	29.88	82.19	38.76	1516
	FIAT-ALLIS									
6950	161 18.7 T 15 CY P.S. 229 HP D	173,563	45.10	58.47	9.83	20.00	7.59	23.55	9.93	466
6955	260B 25.0 T 15-21 CY P.S. 325 HP D	233,541	59.17	77.05	13.20	26.80	9.67	31.57	12.71	585
6960	261B 26.5 T 23 CY P.S. 325 HP D	263,145	69.29	90.95	14.73	29.64	10.77	34.88	14.09	635
6965	262B 25.0 T 15-21 CY P.S. 325/171 HP D/D	277,649	78.06	102.59	15.74	32.04	15.60	37.75	20.24	679
6970	263-B 26.5 T 23 CY P.S. 325/171 HP D/D	331,667	87.56	114.07	18.90	38.70	15.60	45.64	20.24	742
	INTERNATIONAL									
6980	412B 13 T 11 CY P.S. 125 HP D	123,794	31.01	39.87	7.04	13.92	4.14	16.34	5.42	335
6985	431B 24 T 14-21 CY P.S. 326 HP D	245,905	61.78	80.49	13.89	28.18	9.70	33.19	12.75	609
6990	433B 24 T 14-21 CY P.S. 326/185 HP D/D	288,762	80.69	105.90	16.38	33.38	16.07	39.34	20.85	700
6995	442B 25 T 22 CY P.S. 326 HP D	274,857	69.70	90.31	15.57	31.69	10.81	37.35	14.13	680
	JOHN DEERE									
7005	JD762A 13.7 T 11 CY P.S. 175 HP D	131,030	34.71	44.60	7.46	14.78	5.80	17.34	7.59	355
7010	JD862 20.0 T 16 CY P.S. 250 HP D	177,345	46.70	60.54	10.05	20.45	8.29	24.10	10.84	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)									
7020	S-23E 26.5T 23 CY P.S. 310 HP D	258,172	65.92	85.60	14.59	29.66	10.28	34.96	13.44	660
7025	S-24B 40.8T 24-34 CY P.S. 475 HP D	411,284	100.77	131.35	23.20	47.06	14.13	55.43	18.57	955
7030	TS-14B 23.5T 14-20 CY P.S. 144/144 HP D/D	263,668	66.31	86.98	14.97	30.55	9.06	36.02	11.75	544
7035	TS-24 40 T 24-32 CY P.S. 394/225 HP D/D	447,681	117.48	153.86	25.43	51.93	19.47	61.22	25.26	960
7040	TS-24B 40.8T 24-34 CY P.S. 475/242 HP D/D	526,745	137.88	180.62	29.93	61.09	22.55	72.00	29.25	1084
	SCRAPER, TRACTOR DRAWN **********									
	ROME									
7055	ROME 18T 12-17CY HYDR/CONTROL	74,751	13.20	15.83	3.91	7.47	0.00	8.47	0.00	235
7060	ROME 27T 18-26CY HYDR/CONTROL	99,202	17.85	21.50	5.12	9.66	0.00	10.94	0.00	365
	SOUTHWEST-HUME									
7070	SOUTHWEST DS18 DRAG SCRAPER 8.8 CY	38,176	6.86	8.25	1.98	3.73	0.00	4.23	0.00	137
	SOIL STABILIZER **********									
	BOMAG									
7080	MOD MPH-50 12"DEEP BY 82"WIDE 152 HP D	93,808	24.90	32.20	5.41	10.85	5.04	12.75	6.59	208
7085	MOD MPH-100 14.5"DEEP X 79"WIDE 304 HP D	148,001	42.29	54.89	8.51	17.04	10.08	20.02	13.18	300
	BROS									
7095	MOD LSPRM-8A 19"DEEP X 99.75"WIDE 318 HP D	133,899	39.25	50.50	7.75	15.60	10.54	18.35	13.79	300

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 (DOZER) ********** CATERPILLAR											
7105	D-3B	P.S.	65 HP D	39,000	11.61	14.80	2.27	4.45	2.27	5.20	2.98	130
7110	3P	POWER ANGLE & POWER TILT		7,867	1.61	2.01	0.46	0.93	0.00	1.09	0.00	24
7115	D-4E	P.S.	80 HP D	54,372	15.65	19.97	3.15	6.19	2.79	7.25	3.67	184
7120	4A	ANGLE BLADE HYDRAULIC		10,432	2.10	2.64	0.61	1.23	0.00	1.45	0.00	28
7125	4S	STRAIGHT BLADE HYDRAULIC		7,924	1.61	2.03	0.46	0.93	0.00	1.10	0.00	25
7130	D-5B	P.S.	105 HP D	80,235	22.49	28.68	4.66	9.14	3.66	10.71	4.82	234
7135	5A	ANGLE BLADE HYDRAULIC		13,007	2.61	3.27	0.76	1.54	0.00	1.80	0.00	43
7140	5S	STRAIGHT BLADE HYDRAULIC		10,242	2.07	2.59	0.60	1.21	0.00	1.42	0.00	36
7145	D-6D	P.S.	140 HP D	108,968	30.43	38.78	6.33	12.42	4.88	14.54	6.43	283
7150	6S	STRAIGHT BLADE HYDRAULIC		13,261	2.66	3.33	0.78	1.57	0.00	1.84	0.00	49
7155	6A	ANGLE BLADE HYDRAULIC		14,931	2.97	3.74	0.87	1.76	0.00	2.07	0.00	53
7160	D-7G	P.S.	200 HP D	158,961	44.17	56.30	9.23	18.11	6.97	21.21	9.18	378
7165	7S	STRAIGHT BLADE HYDRAULIC		20,548	4.07	5.11	1.20	2.43	0.00	2.84	0.00	77
7170	7U	HYD. UNIVERSAL BLADE		22,514	4.44	5.60	1.31	2.65	0.00	3.12	0.00	84
7175	7A	ANGLE BLADE HYDRAULIC		17,929	3.56	4.47	1.05	2.12	0.00	2.48	0.00	68
7180	D-8L	P.S.	335 HP D	247,846	66.26	84.74	14.42	30.16	11.67	35.67	15.38	735
7185	8S	STRAIGHT BLADE HYDRAULIC		30,005	5.94	7.49	1.75	3.54	0.00	4.17	0.00	120
7190	8U	HYD. UNIVERSAL BLADE		33,071	6.53	8.25	1.92	3.89	0.00	4.59	0.00	133
7195	8A	ANGLE BLADE HYDRAULIC		30,118	5.97	7.52	1.75	3.55	0.00	4.18	0.00	133
7200		PUSH PLATE USE W/8S		880	0.22	0.26	0.05	0.10	0.00	0.12	0.00	6
7205	D-9L	P.S.	460 HP D	331,428	78.88	97.94	17.89	35.43	16.03	40.33	21.11	1004
7210	9S	STRAIGHT BLADE HYDRAULIC		41,511	8.22	10.37	2.42	4.89	0.00	5.76	0.00	184
7215	9U	HYD. UNIVERSAL BLADE		43,868	8.69	10.96	2.55	5.17	0.00	6.09	0.00	195
7220	9C	CUSHION BLADE		36,559	7.24	9.13	2.13	4.31	0.00	5.07	0.00	160
7225		REAR CUSHION PUSH BLOCK		10,796	2.21	2.76	0.63	1.27	0.00	1.49	0.00	41
7230		FRONT PUSH PLATE		1,180	0.31	0.38	0.07	0.14	0.00	0.17	0.00	9
7235	D-10	P.S.	700 HP D	555,695	129.17	160.17	29.99	59.40	24.39	67.63	32.13	1526

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 (DOZER) (CONT'D) **********									
	CATERPILLAR (CONT'D)									
7240	10S STRAIGHT BLADE HYDRAULIC	63,168	12.51	15.78	3.67	7.44	0.00	8.76	0.00	280
7245	10U HYD. UNIVERSAL BLADE	69,377	13.72	17.31	4.03	8.17	0.00	9.62	0.00	286
7250	FRONT PUSH PLATE	1,359	0.34	0.41	0.08	0.16	0.00	0.19	0.00	8
7255	10C CUSHION BLADE	46,703	9.24	11.66	2.71	5.50	0.00	6.48	0.00	198
	FIAT-ALLIS									
7265	FD5 P.S. W/HYD. ANGLE TILT BLADE 63 HP D	44,277	12.66	16.14	2.58	5.05	2.20	5.91	2.89	140
7270	FD7 P.S. W/POW. ANGLE TILT BLADE 78 HP D	52,231	15.10	19.27	3.03	5.95	2.72	6.97	3.58	175
7275	8-B P.S. 88 HP D	58,553	16.95	21.63	3.40	6.67	3.07	7.81	4.04	215
7280	8-HA ANGLE BLADE HYDRAULIC	9,087	1.84	2.31	0.53	1.07	0.00	1.26	0.00	30
7285	8-HSU SEMI-U BLADE HYDRAULIC	9,075	1.81	2.28	0.53	1.07	0.00	1.26	0.00	30
7290	10-C P.S. 122 HP D	81,345	23.54	30.05	4.73	9.27	4.25	10.86	5.60	280
7295	10-HA ANGLE BLADE HYDRAULIC	10,122	2.05	2.57	0.59	1.20	0.00	1.41	0.00	36
7300	10-HSU SEMI-U BLADE HYDRAULIC	12,373	2.44	3.08	0.72	1.45	0.00	1.71	0.00	38
7305	14-C P.S. 150 HP D	105,887	30.22	38.55	6.14	12.06	5.23	14.13	6.88	335
7310	14-HA ANGLE BLADE HYDRAULIC	15,489	3.08	3.88	0.90	1.82	0.00	2.15	0.00	51
7315	14-HSU SEMI-U BLADE HYDRAULIC	15,465	3.04	3.85	0.90	1.82	0.00	2.15	0.00	51
7320	FD 20 P.S. 223 HP D	158,923	45.25	57.74	9.22	18.10	7.77	21.21	10.24	535
7325	20-HA ANGLE BLADE HYDRAULIC	16,512	3.27	4.13	0.96	1.94	0.00	2.29	0.00	66
7330	20-HS STRAIGHT BLADE HYDRAULIC	17,335	3.44	4.33	1.01	2.04	0.00	2.40	0.00	66
7335	20-HSU SEMI-U BLADE HYDRAULIC	23,509	4.60	5.82	1.37	2.77	0.00	3.26	0.00	79
7340	FD 30 P.S. 300 HP D	245,406	64.20	82.03	14.28	29.87	10.45	35.31	13.77	775
7345	30HSU HYD. SEMI-UNIVERSAL BLADE	32,774	6.47	8.16	1.90	3.86	0.00	4.54	0.00	127
7350	30-HU FULL-U BLADE HYDRAULIC	33,233	6.54	8.26	1.93	3.92	0.00	4.61	0.00	114
7355	FD40 P.S. 455 HP D	354,134	82.72	102.58	19.11	37.86	15.86	43.10	20.88	1128
7360	40-HSU SEMI-U BLADE HYDRAULIC	49,616	9.83	12.39	2.89	5.85	0.00	6.88	0.00	222
7365	40-HU FULL-U BLADE HYDRAULIC	50,964	10.13	12.76	2.97	6.01	0.00	7.07	0.00	254

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 (DOZER) (CONT'D) **********											
	FIAT-ALLIS (CONT'D)											
7370	40-HC	CUSHION BLADE		31,683	6.25	7.89	1.84	3.73	0.00	4.39	0.00	120
7375	FD 50	P.S.	525 HP D	476,039	107.44	132.96	25.69	50.89	18.30	57.93	24.10	1280
7380	50-HSU	SEMI-U BLADE HYDRAULIC		57,272	11.36	14.31	3.33	6.75	0.00	7.94	0.00	250
7385	50-HU	FULL-U BLADE HYDRAULIC		65,541	12.94	16.33	3.81	7.72	0.00	9.09	0.00	280
7390	50-HC	CUSHION BLADE		36,474	7.18	9.07	2.12	4.29	0.00	5.06	0.00	140
	INTERNATIONAL											
7400	TD-7-E	P.S. W/HYD BLADE	65 HP D	48,902	13.76	17.53	2.84	5.57	2.27	6.52	2.98	139
7405	TD-8-E	P.S. W/HYD BLADE	78 HP D	61,322	17.09	21.77	3.56	6.99	2.72	8.18	3.58	172
7410	TD-12	P.S. W/HYD BLADE	110 HP D	89,787	24.81	31.62	5.21	10.23	3.83	11.98	5.05	267
7415	TD-15-C	P.S.	140 HP D	116,778	32.12	40.94	6.78	13.30	4.88	15.59	6.43	271
7420	15D-2	HYD. SEMI-UNIVERSAL BLADE		12,640	2.50	3.16	0.73	1.49	0.00	1.76	0.00	46
7425	15G-2	ANGLE BLADE HYDRAULIC		14,251	2.80	3.55	0.82	1.67	0.00	1.98	0.00	50
7430	TD-20-E	P.S.	210 HP D	180,000	49.23	62.74	10.44	20.50	7.32	24.02	9.64	476
7435	20D-2	HYD. SEMI-UNIVERSAL BLADE		22,342	4.38	5.53	1.30	2.63	0.00	3.10	0.00	61
7440	20G-2	ANGLE BLADE HYDRAULIC		15,127	2.98	3.76	0.88	1.78	0.00	2.10	0.00	71
7445	TD-25-E	P.S.	310 HP D	231,553	61.76	78.99	13.47	28.18	10.80	33.33	14.23	700
7450	25D-2	HYD. SEMI-UNIVERSAL BLADE		27,558	5.43	6.86	1.60	3.24	0.00	3.82	0.00	113
7455	25G-2	ANGLE BLADE HYDRAULIC		22,781	4.53	5.71	1.32	2.68	0.00	3.16	0.00	115
7460		FRONT PUSHER CUSHION		9,551	1.92	2.42	0.55	1.12	0.00	1.32	0.00	29
7465		REAR PUSHER CUSHION		5,555	1.20	1.49	0.32	0.65	0.00	0.77	0.00	23
7470		FRONT PUSH BLK FOR S/BLD		877	0.25	0.29	0.05	0.10	0.00	0.12	0.00	12
	JOHN DEERE											
7480	JD350C/6305	D.D. W/HYD BLADE	42 HP D	33,897	9.40	11.97	1.97	3.87	1.46	4.53	1.93	107
7485	JD450C/6405	D.D. W/HYD BLADE	65 HP D	47,946	13.55	17.27	2.78	5.46	2.27	6.40	2.98	143
7490	JD550/6405	P.S. W/HYD BLADE	72 HP D	57,437	15.94	20.33	3.33	6.54	2.51	7.67	3.30	156
7495	JD750 LPG	H.S. W/STR BLADE	110 HP D	106,916	28.54	36.35	6.20	12.18	3.83	14.27	5.05	336

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 (DOZER) (CONT'D) **********									
	JOHN DEERE (CONT'D)									
7500	JD850 LPG H.S. W/STR BLADE 145 HP D	140,900	37.62	47.90	8.18	16.05	5.05	18.80	6.66	449
	KOMATSU									
7510	D31A-17 H.S. 66 HP D	40,154	11.89	15.19	2.33	4.57	2.30	5.36	3.03	132
7515	ANGLE TILTDOZER BLADE	6,504	1.31	1.64	0.38	0.77	0.00	0.90	0.00	20
7520	D45A-1 H.S. 90 HP D	60,253	17.42	22.23	3.49	6.86	3.14	8.04	4.13	200
7525	ANGLE TILTDOZER BLADE	4,662	0.95	1.19	0.27	0.55	0.00	0.64	0.00	24
7530	D53A-16A H.S. 118 HP D	88,218	24.84	31.70	5.12	10.05	4.11	11.78	5.42	246
7535	ANGLE TILTDOZER BLADE	7,768	1.56	1.95	0.46	0.92	0.00	1.07	0.00	42
7540	D65E-6 H.S. 155 HP D	124,760	34.58	44.07	7.25	14.22	5.40	16.65	7.11	377
7545	ANGLE TILTDOZER BLADE	10,150	2.02	2.54	0.59	1.20	0.00	1.41	0.00	61
7550	D85A-18 H.S. 220 HP D	156,098	44.49	56.78	9.06	17.78	7.67	20.83	10.10	437
7555	ANGLE TILTDOZER BLADE	15,889	3.16	3.98	0.93	1.87	0.00	2.20	0.00	99
7560	U-DOZER BLADE	16,952	3.39	4.26	0.99	2.00	0.00	2.35	0.00	104
7565	D155A-1 H.S. 320 HP D	224,067	60.67	77.60	13.04	27.27	11.15	32.24	14.69	690
7570	ANGLE TILTDOZER BLADE	21,814	4.37	5.49	1.27	2.57	0.00	3.02	0.00	140
7575	U-DOZER BLADE	23,031	4.60	5.79	1.34	2.71	0.00	3.19	0.00	142
7580	D355A-3 H.S. 410 HP D	301,854	80.79	103.31	17.56	36.74	14.29	43.44	18.82	945
7585	U-DOZER BLADE	29,659	5.94	7.47	1.72	3.49	0.00	4.11	0.00	196
7590	STRAIGHT DOZER BLADE	27,012	5.41	6.81	1.57	3.18	0.00	3.75	0.00	184
7595	D455A-1 H.S. 620 HP D	534,145	121.89	150.95	28.83	57.10	21.61	65.00	28.46	1445
7600	FULL U-DOZER BLADE	71,043	14.00	17.67	4.13	8.37	0.00	9.85	0.00	229
7605	U-DOZER BLADE	66,765	13.14	16.59	3.88	7.86	0.00	9.26	0.00	211
7610	STRAIGHT DOZER BLADE	62,484	12.29	15.53	3.63	7.36	0.00	8.67	0.00	193

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 (DOZER) (CONT'D) **********									
	TEREX (GM)									
7620	D700A P.S. (W/O BLADE) 205 HP D	159,255	44.47	56.71	9.25	18.15	7.14	21.25	9.41	409
7625	SEMI-U BLADE HYDRAULIC	15,687	3.09	3.89	0.91	1.85	0.00	2.17	0.00	58
7630	ANGLE BLADE HYDRAULIC	17,572	3.45	4.36	1.02	2.07	0.00	2.44	0.00	69
7635	FULL-U BLADE HYDRAULIC	17,987	3.53	4.46	1.05	2.12	0.00	2.49	0.00	68
7640	D750 P.S. (W/O BLADE) 260 HP D	185,637	50.04	64.00	10.80	22.59	9.06	26.72	11.93	555
7645	SEMI-U BLADE HYDRAULIC	22,190	4.35	5.50	1.29	2.62	0.00	3.08	0.00	91
7650	ANGLE BLADE HYD. W/DUAL TILT	29,107	5.69	7.20	1.69	3.43	0.00	4.04	0.00	118
7655	FULL-U BLADE HYDRAULIC	24,230	4.75	6.00	1.41	2.86	0.00	3.36	0.00	107
7660	D800 P.S. (W/O BLADE) 350 HP D	249,094	67.20	85.93	14.50	30.32	12.20	35.84	16.06	787
7665	SEMI-U BLADE HYDRAULIC	28,991	5.74	7.23	1.69	3.42	0.00	4.02	0.00	118
7670	FULL-U BLADE HYDRAULIC	31,781	6.28	7.92	1.84	3.74	0.00	4.40	0.00	129
7675	CUSHIONED PUSH BLADE	27,774	5.49	6.92	1.61	3.27	0.00	3.85	0.00	113
7680	PUSH PLATE (WELD ON)	1,173	0.27	0.35	0.06	0.13	0.00	0.17	0.00	6
7685	PUSH BLOCK (CUSHION REAR)	7,427	1.54	1.93	0.43	0.87	0.00	1.03	0.00	21
	TRACTOR, WHEEL TYPE (DOZER) **********									
	CATERPILLAR									
7695	814-B ARTICULATED ST BLADE P.S. 210 HP D	157,973	38.24	50.28	9.03	17.92	6.78	21.03	8.92	494
7700	824-C ARTICULATED ST BLADE P.S. 300 HP D	232,331	57.41	77.35	13.14	25.81	9.69	30.25	12.75	624
7705	834-B ARTICULATED ST BLADE P.S. 450 HP D	334,118	81.47	109.03	18.76	36.60	14.53	42.87	19.12	892
	CLARK									
7715	280B ARTICULATED ST BLADE P.S. 302 HP D	253,575	61.41	82.57	14.35	28.23	9.75	33.11	12.83	749
7720	380B ARTICULATED ST BLADE P.S. 572 HP D	429,582	104.77	140.68	24.07	46.87	18.48	54.88	24.31	1253

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, WHEEL TYPE (FARM) **********									
	JOHN DEERE									
7730	MOD 301 A 43 HP D	13,639	4.32	5.71	0.77	1.53	1.39	1.81	1.83	38
7735	MOD 302 50 HP D	15,362	4.91	6.45	0.88	1.74	1.61	2.04	2.12	42
7740	MOD 401 B 62 HP D	17,370	5.80	7.60	0.99	1.96	2.00	2.29	2.63	45
	TRENCHER, CHAIN **********									
	DITCH WITCH									
7750	MOD C99 6"X24" TRENCH 9 HP G	3,271	1.47	1.89	0.19	0.37	0.62	0.43	0.80	6
7755	MOD 2200 8"X36" TRENCH 18 HP G	13,310	4.33	5.54	0.77	1.54	1.24	1.81	1.61	30
7760	MOD 2300 10"X36" TRENCH 28 HP G	18,509	6.26	8.03	1.07	2.15	1.92	2.53	2.50	33
7765	MOD 6510 12"X54" TRENCH 64 HP D	33,803	9.63	12.36	1.94	3.89	2.07	4.59	2.72	106
7770	MOD R100 10"X72" TRENCH 105 HP D	69,176	18.61	23.83	3.99	8.00	3.39	9.41	4.46	176
	VERMEER									
7785	MOD V-430 10"X40" TRENCH 24 HP D	22,686	5.66	7.22	1.31	2.64	0.78	3.11	1.02	37
7790	MOD M-455 18"X72" TRENCH 44 HP D	44,578	11.01	14.05	2.58	5.17	1.42	6.07	1.87	82
7795	MOD M-475 18"X72" TRENCH 55 HP D	49,269	12.43	15.87	2.85	5.72	1.78	6.72	2.34	89
7800	MOD T-6000 24"X96" TRENCH 113 HP D	77,962	20.60	26.32	4.54	9.17	3.65	10.78	4.80	202
7805	MOD T-800B 36"X96" TRENCH 175 HP D	152,612	38.41	49.02	8.87	17.94	5.65	21.11	7.44	419
	TRENCHER, WHEEL TYPE **********									
	BARBER-GREENE									
7815	MOD TA 56 16"X5'-10" TRENCH 100 HP D	126,937	30.06	38.30	7.38	14.92	3.23	17.56	4.25	254
7820	MOD TA 65 28"X7'-6" TRENCH 160 HP D	184,142	44.25	56.37	10.70	21.65	5.17	25.48	6.80	431
7825	MOD TA 77 32"X8'-6" TRENCH 160 HP D	235,647	54.77	69.70	13.69	27.70	5.17	32.60	6.80	605

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, WHEEL TYPE (CONT'D) **********									
	CLEVELAND									
7835	MOD 236 17"X72" TRENCH 67 HP D	101,851	23.58	30.01	5.92	11.97	2.16	14.09	2.85	180
7840	MOD 236HD 21"X72" TRENCH 67 HP D	110,886	25.43	32.35	6.45	13.04	2.16	15.34	2.85	200
7845	MOD 246 25"X72" TRENCH 67 HP D	114,238	26.11	33.22	6.64	13.43	2.16	15.80	2.85	206
7850	MOD 350 30"X90" TRENCH 150 HP D	215,738	50.28	64.00	12.54	25.36	4.84	29.85	6.37	455
7855	MOD 400WHD36"X114"TRENCH 175 HP D	267,750	61.93	78.83	15.56	31.47	5.65	37.04	7.44	659
	TRUCKS, HIGHWAY ********** (CHASSIS ONLY)									
	FORD									
7870	F150 4X2 1/2T PKUP 6100 GVW 157 HP G	7,363	5.27	6.83	0.53	1.17	2.45	1.35	3.27	38
7875	F150 4X4 1/2T PKUP 6250 GVW 157 HP G	9,132	5.79	7.49	0.65	1.46	2.45	1.68	3.27	42
7880	F250 4X2 3/4T PKUP 6900 GVW 157 HP G	7,836	5.45	7.03	0.56	1.23	2.45	1.41	3.27	40
7885	F250 4X4 3/4T PKUP 7400 GVW 157 HP G	9,477	5.94	7.68	0.68	1.50	2.45	1.73	3.27	44
7890	F350 2AX 10000 GVW 157 HP G	8,951	5.83	7.54	0.63	1.38	2.45	1.59	3.27	42
7895	F600 2AX 18500 GVW 154 HP G	16,189	10.89	14.19	1.00	2.03	5.61	2.50	7.21	65
7900	F600 2AX 18500 GVW 162 HP D	22,406	9.17	12.13	1.40	2.85	3.40	3.52	4.42	65
7905	F700 2AX 24500 GVW 177 HP G	18,735	12.49	16.31	1.16	2.36	6.44	2.92	8.28	65
7910	F700 2AX 24500 GVW 162 HP D	25,313	9.76	12.95	1.58	3.23	3.40	4.00	4.42	73
7915	F800 2AX 27000 GVW 177 HP G	20,649	12.95	16.90	1.28	2.59	6.44	3.20	8.28	72
7920	F800 2AX 27000 GVW 162 HP D	26,535	10.31	13.63	1.63	3.27	3.40	4.04	4.42	76
7925	LT800 3AX 43000 GVW 223 HP G	32,212	23.31	30.45	2.00	4.20	12.06	5.22	15.54	110
7930	LT8000 3AX 44800 GVW 175 HP D	44,195	17.08	22.69	2.75	5.79	5.51	7.21	7.17	126
7935	LTS8000 3AX 46000 GVW 175 HP D	46,257	17.54	23.29	2.88	6.07	5.51	7.56	7.17	130
7940	LNT8000 3AX 46000 GVW 175 HP D	43,736	17.00	22.56	2.72	5.72	5.51	7.12	7.17	124
7945	CT8000 3AX 46000 GVW 175 HP D	50,988	18.54	24.65	3.19	6.72	5.51	8.37	7.17	136
7950	LT9000 3AX 58000 GVW 82000 GCW 239 HP D	67,144	24.78	32.93	4.19	8.85	7.53	11.03	9.79	172
7955	LTS9000 3AX 60000 GVW 82000 GCW 239 HP D	71,330	25.72	34.20	4.46	9.39	7.53	11.70	9.79	180

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)									
7960	LNT9000 3AX 60000 GVW 82000 GCW 239 HP D	67,663	24.93	33.14	4.22	8.88	7.53	11.06	9.79	175
7965	CLT9000 3AX 82000 GCW 286 HP D	66,454	26.44	35.09	4.17	8.80	9.01	10.96	11.71	149
	GMC AND CHEVROLET									
7975	C10903 4X2 1/2T PKUP 6100 GVW 165 HP G	8,172	5.66	7.35	0.58	1.29	2.57	1.49	3.43	46
7980	C10906 4X2 SUBURBAN 6800 GVW 160 HP G	10,439	6.21	8.01	0.75	1.67	2.50	1.92	3.33	52
7985	K10906 4X4 SUBURBAN 7000 GVW 165 HP G	11,352	6.57	8.49	0.82	1.82	2.57	2.10	3.43	56
7990	C20903 4X2 3/4T PKUP 8600 GVW 165 HP G	10,719	6.38	8.24	0.77	1.71	2.57	1.97	3.43	49
7995	K20903 4X4 3/4T PKUP 6600 GVW 165 HP G	11,419	6.61	8.54	0.82	1.82	2.57	2.10	3.43	54
8000	C30903 2AX 9000 GVW 160 HP G	10,527	6.32	8.17	0.74	1.63	2.50	1.89	3.33	62
8005	C5D042 2AX 18500 GVW 161 HP G	14,930	10.96	14.27	0.92	1.86	5.86	2.30	7.53	59
8010	C6D042 2AX 19200 GVW 161 HP G	16,206	11.22	14.61	1.00	2.03	5.86	2.50	7.53	63
8015	C6D042 2AX 23160 GVW 165 HP D	22,957	9.36	12.40	1.43	2.92	3.46	3.62	4.50	73
8020	C7D042 2AX 23160 GVW 179 HP G	17,208	12.33	16.06	1.06	2.13	6.52	2.63	8.38	78
8025	C7D042 2AX 29900 GVW 225 HP D	34,255	13.42	17.80	2.13	4.34	4.72	5.38	6.14	96
8030	C7D064 3AX 44860 GVW 207 HP G	30,864	22.05	28.80	1.90	3.94	11.19	4.89	14.42	123
8035	C7D064 3AX 44500 GVW 205 HP D	37,058	16.86	22.28	2.29	4.79	6.46	5.96	8.39	127
8040	J8C042 2AX 33200 GVW 235 HP D	42,452	18.97	25.12	2.66	5.61	7.40	7.00	9.62	107
8045	J8C064 3AX 48860 GVW 210 HP D	47,744	19.31	25.63	2.98	6.26	6.61	7.80	8.60	140
8050	J9C042 2AX 53911 GVW 230 HP D	47,047	16.31	21.65	2.93	5.99	4.83	7.42	6.28	122
8055	J9C064 3AX 48860 GVW 300 HP D	55,561	24.61	32.58	3.48	7.34	9.45	9.14	12.28	144
8060	N9E064 3AX 52000 GVW 307 HP D	57,508	25.42	33.62	3.58	7.53	9.67	9.38	12.57	141
8065	N9E064 3AX 62000 GVW 307 HP D	67,132	27.60	36.57	4.18	8.80	9.67	10.96	12.57	180
	INTERNATIONAL									
8075	1654 2AX 16000 GVW 155 HP D	17,111	7.81	10.33	1.06	2.17	3.25	2.70	4.23	57
8080	1724 2AX 16000 GVW 147 HP G	15,284	10.31	13.42	0.95	1.94	5.35	2.39	6.88	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	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)									
	INTERNATIONAL (CONT'D)									
8085	1754 2AX 16000 GVW 165 HP D	21,988	9.08	12.02	1.37	2.82	3.46	3.49	4.50	71
8090	1954 2AX 21700 GVW 180 HP D	27,752	10.75	14.25	1.74	3.56	3.78	4.40	4.91	100
8095	F2554 3AX 43000 GVW 210 HP D	44,344	18.60	24.65	2.76	5.80	6.61	7.21	8.60	123
8100	F2574 3AX 50000 GVW 230 HP D	58,626	22.43	29.81	3.67	7.76	7.24	9.67	9.42	123
8105	F4370 3AX 48860 GVW 300 HP D	61,537	25.88	34.31	3.86	8.16	9.45	10.17	12.28	133
8110	F5050 3AX 54000 GVW 210 HP D	59,923	21.90	29.14	3.76	7.94	6.61	9.90	8.60	138
8115	F5070 3AX 54000 GVW 230 HP D	62,626	23.28	30.96	3.93	8.31	7.24	10.36	9.42	140
	KENWORTH									
8125	K100 3AX 48000 GVW 85000 GCW 300 HP D	65,877	26.83	35.59	4.13	8.74	9.45	10.89	12.28	138
8130	W900 3AX 48000 GVW 85000 GCW 300 HP D	66,382	26.94	35.74	4.16	8.81	9.45	10.98	12.28	140
8135	C500 3AX 56000 GVW 85000 GCW 270 HP D	71,370	26.78	35.61	4.48	9.50	8.50	11.83	11.06	144
	PETERBILT									
8145	MOD 348 3AX 50000 GVW 85000 GCW 245 HP D	73,209	26.40	35.15	4.58	9.68	7.72	12.07	10.03	121
8150	MOD 362 3AX 46000 GVW 85000 GCW 300 HP D	64,264	26.49	35.13	4.03	8.52	9.45	10.61	12.28	131
8155	MOD 359 3AX 46000 GVW 85000 GCW 300 HP D	61,973	26.00	34.47	3.88	8.20	9.45	10.22	12.28	134
8160	MOD 353 3AX 56000 GVW 130000 GCW 350 HP D	69,148	29.53	39.15	4.34	9.19	11.02	11.45	14.33	174
	TRUCK ACCESSORIES ********** (CHASIS NOT INCLUDED)									
	CRANES, HYDRAULIC									
8170	5.3T@5'RAD 24000 GVW MIN	25,539	5.79		1.63	3.53	0.00			79
8175	8.0T@3'RAD 26500 GVW MIN	30,695	6.93		1.96	4.24	0.00			84
8180	12.5T@4'RAD 27000 GVW MIN	47,537	10.69		3.05	6.58	0.00			142
8185	13.5T@4'RAD 44000 GVW MIN	58,788	13.19		3.77	8.13	0.00			158
8190	15.0T@4'RAD 48000 GVW MIN	65,042	14.58		4.16	8.99	0.00			211

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)									
	DUMP BODY, REAR, W/HOIST									
8200	5CY 24000 TO 26000 GVW	6,123	1.46	1.94	0.39	0.85	0.00	1.06	0.00	26
8205	AIR GATE 8CY 27000 TO 30000 GVW	9,679	2.25	3.02	0.62	1.34	0.00	1.68	0.00	44
8210	AIR GATE 10CY 36000 AND UP GVW	9,787	2.27	3.04	0.62	1.35	0.00	1.69	0.00	45
8215	AIR GATE 12CY 36000 AND UP GVW	9,928	2.30	3.09	0.64	1.37	0.00	1.72	0.00	46
	FLATBEDS W/CONT. SIDES									
8225	8'X9.5'	1,973	0.45		0.13	0.28	0.00			11
8230	8'X10.5'	2,036	0.45		0.13	0.28	0.00			12
8235	8'X12.5'	2,225	0.50		0.15	0.31	0.00			14
8240	8'X14.5'	2,644	0.58		0.17	0.36	0.00			16
8245	8'X16.5'	2,897	0.64		0.18	0.40	0.00			18
8250	FLATBED-HOIST	2,746	0.61		0.18	0.38	0.00			10
	HOISTS, ELECTRIC									
8260	1500LB@1.75'	2,339	0.61		0.15	0.32	0.00			4
8265	2400LB@3'	2,720	0.70		0.18	0.38	0.00			6
8270	5000LB@4'	7,516	1.76		0.49	1.04	0.00			15
8275	6000LB@6'	8,479	1.98		0.54	1.17	0.00			14
	TRANSIT MIXERS									
8285	7 CY 40000 - 50000 GVW RQD	26,500	6.04		1.70	3.67	0.00			63
8290	8 CY 50000 - 70000 GVW RQD	26,912	6.13		1.73	3.73	0.00			66
8295	8.5CY 55000 - 75000 GVW RQD	27,190	6.19		1.74	3.76	0.00			68
8300	9 CY 61000 - 80000 GVW RQD	27,581	6.27		1.76	3.81	0.00			73
	WATER TANKS									
8310	2000 GAL 23500-28000 GVW	11,807	2.63		0.75	1.63	0.00			35
8315	2500 GAL 25000-34950 GVW	12,440	2.77		0.80	1.72	0.00			39

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)									
	WATER TANKS (CONT'D)									
8320	3000 GAL 29000-40000 GVW	13,222	2.95		0.85	1.83	0.00			44
	TRUCK TRAILERS **********									
	BOTTOM DUMP									
8330	18CY 27T	25,928	5.03	6.30	1.46	2.95	0.00	3.47	0.00	122
8335	20CY 30T	30,757	5.90	7.40	1.74	3.54	0.00	4.16	0.00	140
8340	30CY 30T	31,054	5.95	7.47	1.76	3.57	0.00	4.21	0.00	160
8345	28CY 42T	37,009	7.09	8.92	2.09	4.23	0.00	4.99	0.00	180
8350	20CY 35T OFF-HIGHWAY	43,683	8.29	10.43	2.48	5.05	0.00	5.95	0.00	175
8355	32CY 55T OFF-HIGHWAY	92,571	17.93	22.53	5.17	10.37	0.00	12.21	0.00	365
8360	43CY 70T OFF-HIGHWAY	102,319	19.94	25.02	5.69	11.37	0.00	13.37	0.00	445
	END DUMP									
8370	20CY 24T	34,403	6.55	8.23	1.96	3.98	0.00	4.69	0.00	146
	LOWBOY, RIGID NECK, DROP DECK									
8380	25 TON 2 AXLE	20,393	3.55		1.14	2.07	0.00			89
8385	30 TON 2 AXLE	22,610	3.93		1.26	2.29	0.00			94
8390	35 TON 2 AXLE	24,666	4.30		1.39	2.51	0.00			109
8395	35 TON 3 AXLE	28,395	4.99		1.59	2.87	0.00			134
8400	40 TON 3 AXLE	29,637	5.24		1.65	2.98	0.00			144
8405	50 TON 3 AXLE	34,114	5.98		1.90	3.44	0.00			161
8410	60 TON 3 AXLE	36,852	6.51		2.04	3.66	0.00			188
8415	70 TON 3 AXLE	44,766	7.76		2.50	4.53	0.00			213
8420	75 TON 3 AXLE	46,148	7.98		2.58	4.68	0.00			228
8425	80 TON 4 AXLE	52,925	9.14		2.97	5.40	0.00			266
8430	90 TON 4 AXLE	57,044	9.85		3.19	5.79	0.00			297

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) **********									
	LOWBOY (CONT'D)									
8435	100 TON 4 AXLE	63,753	10.99		3.57	6.49	0.00			313
8440	120 TON 4 AXLE	74,059	12.98		4.11	7.37	0.00			351
8445	HELPER DOLLY 60 T TRAILER MAX	17,514	3.16		0.96	1.71	0.00			62
	PLATFORM TRAILERS									
8455	25 TON 2 AXLE	16,529	3.01		0.91	1.61	0.00			110
	PUP TRAILERS									
8465	8 CY LONG TONGUE	20,428	3.64		1.13	2.03	0.00			86
8470	10CY LONG TONGUE	20,587	3.68		1.15	2.06	0.00			86
	TILT TRAILERS									
8480	12 TON 2 AXLE	10,865	2.00		0.60	1.07	0.00			62
8485	16 TON 2 AXLE	12,453	2.31		0.69	1.22	0.00			65
8490	20 TON 2 AXLE	13,547	2.49		0.74	1.31	0.00			67
	WATER TANKER TRAILERS									
8500	4000 GAL 63 HP D	31,134	7.17		1.66	3.14	2.03			120
8505	5000 GAL 63 HP D	32,875	7.52		1.74	3.24	2.03			150
8510	6000 GAL 63 HP D	34,335	7.73		1.82	3.39	2.03			160
	TRUCKS, OFF-HIGHWAY **********									
	CATERPILLAR									
8520	769-C 35T 22-30 CY P.S. 450 HP D	286,882	61.32	78.46	15.20	29.50	9.18	33.51	11.86	711
8525	773-B 50T 30-45 CY P.S. 650 HP D	403,579	88.19	113.61	21.29	41.14	13.26	46.71	17.13	908
8530	777 85T 47-67 CY P.S. 870 HP D	561,381	119.65	153.94	29.38	56.28	17.75	63.85	22.92	1391
8535	768C PRIME MOVER TRACTOR P.S. 450 HP D	256,119	56.56	72.65	13.54	26.21	9.18	29.77	11.86	530
8540	772B PRIME MOVER TRACTOR P.S. 650 HP D	384,377	87.30	113.77	20.13	38.58	13.26	43.76	17.13	707

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) **********									
	DJB (ARTICULATED FRAME)									
8550	D275B 27.5T 15-20 CY P.S. 235 HP D	188,116	38.16	48.48	9.93	19.21	4.79	21.81	6.19	424
8555	D330B 33T 17-23 CY P.S. 255 HP D	226,696	44.80	56.69	12.00	23.28	5.20	26.45	6.72	444
8560	D350B 35T 20-26 CY P.S. 255 HP D	236,683	48.25	61.96	12.39	23.72	5.20	26.91	6.72	472
8565	D550 55T 32-43 CY P.S. 450 HP D	395,800	80.68	103.29	20.76	39.88	9.18	45.25	11.86	834
	EUCLID									
8575	R25-215FD 25T 14-19 CY P.S. 214 HP D	187,808	36.89	46.79	9.94	19.25	4.37	21.87	5.64	404
8580	R35-302TD 35T 22-30 CY P.S. 450 HP D	298,714	62.71	79.88	15.86	30.87	9.18	35.08	11.86	623
8585	R50-301LD 50T 31-41 CY P.S. 608 HP D	393,766	85.52	110.28	20.76	40.09	12.40	45.52	16.02	836
8590	R75-301ND 75T 46-69 CY P.S. 646 HP D	525,941	107.12	137.55	27.56	52.87	13.18	59.98	17.02	1123
8595	R85-306ND 85T 52-67 CY P.S. 755 HP D	541,385	113.41	146.10	28.30	54.14	15.40	61.41	19.89	1227
	INTERNATIONAL									
8605	350B 50T 31-42 CY P.S. 580 HP D	381,573	81.63	104.99	20.25	39.37	11.83	44.73	15.28	740
	TEREX									
8615	33-03B 22T 15-18 CY P.S. 215 HP D	165,850	34.26	43.83	8.79	17.05	4.39	19.36	5.67	400
8620	33-05B 30T 19-23 CY P.S. 321 HP D	239,493	49.83	63.79	12.68	24.60	6.55	27.93	8.46	525
8625	33-07 40T 25-32 CY P.S. 493 HP D	296,771	66.99	87.21	15.55	29.83	10.06	33.83	12.99	756
8630	33-09 55T 34-44 CY P.S. 624 HP D	400,984	89.16	115.98	21.02	40.35	12.73	45.78	16.44	992
8635	33-11C 85T 51-65 CY P.S. 840 HP D	564,213	119.28	153.41	29.53	56.58	17.14	64.18	22.13	1350
	WABCO									
8645	HAULPAK35D 35T 23-29 CY P.S. 420 HP D	296,411	61.98	79.20	15.72	30.52	8.57	34.67	11.07	630
8650	HAULPAK50B 50T 31-40 CY P.S. 576 HP D	412,870	87.60	112.74	21.79	42.13	11.75	47.83	15.18	792
8655	HAULPAK60B 60T 34-48 CY P.S. 642 HP D	446,477	96.69	125.21	23.48	45.21	13.10	51.31	16.92	900
8660	75C 75T 44-57 CY P.S. 679 HP D	501,728	103.72	133.11	26.31	50.51	13.85	57.32	17.89	950
8665	85D 85T 47-67 CY P.S. 818 HP D	557,846	117.68	151.43	29.19	55.90	16.69	63.41	21.55	1240

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, WATER **********									
	TRACTOR DRAWN - KLEIN									
8675	KT-50 5000 GAL. CAT 613B P.S. 150 HP D	133,245	27.43	33.63	7.09	12.80	4.84	14.41	6.37	320
8680	KT-60 6000 GAL. CAT 621B P.S. 330 HP D	232,870	51.48	63.50	12.31	22.06	10.66	24.80	14.02	564
8685	KT-80 8000 GAL. CAT 631D P.S. 450 HP D	320,661	71.00	87.63	16.91	30.22	14.53	33.96	19.12	740
8690	KT-100 10000 GAL. CAT 631D P.S. 450 HP D	328,819	72.21	89.05	17.35	31.04	14.53	34.88	19.12	798
8695	KT-100 10000 GAL. CAT 641B P.S. 550 HP D	370,173	83.56	103.32	19.47	34.72	17.76	39.02	23.37	931
8700	KT-120 12000 GAL. CAT 651B P.S. 550 HP D	389,694	86.47	106.75	20.54	36.69	17.76	41.24	23.37	1097
	TRACTOR DRAWN - SOUTHWEST									
8710	STT-60 6000 GAL. CAT 621B P.S. 330 HP D	230,817	51.17	63.13	12.20	21.85	10.66	24.56	14.02	594
8715	STT-80 8000 GAL. CAT 631D P.S. 450 HP D	318,992	70.74	87.33	16.81	30.04	14.53	33.77	19.12	800
8720	STT-100 10000 GAL. CAT 631D P.S. 450 HP D	323,099	71.36	88.06	17.04	30.46	14.53	34.24	19.12	840
8725	STT-120 12000 GAL. CAT 651B P.S. 550 HP D	393,290	87.00	107.38	20.73	37.05	17.76	41.64	23.37	1054
8730	STT-140 14000 GAL. CAT 651B P.S. 550 HP D	399,171	87.88	108.41	21.05	37.65	17.76	42.31	23.37	1089
	WAGONS, BOTTOM DUMP **********									
	CATERPILLAR-ATHEY									
8740	621B/PW621B 33T 22-26CY P.S. 330 HP D	246,406	56.70	73.43	12.95	24.92	10.66	28.28	14.02	579
8745	768B/PW768C 63T 42-48CY P.S. 450 HP D	377,533	84.44	108.90	19.77	37.90	14.53	43.00	19.12	935
8750	772B/PW772B 100T 60-67CY P.S. 650 HP D	601,792	136.81	179.98	31.27	59.44	20.99	67.36	27.62	1350
	EUCLID									
8760	B30-303TDT301W 30T 21-27CY P.S. 277 HP D	224,882	51.07	66.20	11.78	22.57	8.95	25.60	11.77	483
8765	B70-203LDT147W 70T 47-62CY P.S. 423 HP D	382,856	79.82	100.91	20.34	39.58	13.66	44.97	17.98	934

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, REAR DUMP **********									
	CATERPILLAR-ATHEY									
8775	621B/PR621B 33T 22-26CY P.S. 330 HP D	258,943	58.75	75.98	13.62	26.20	10.66	29.73	14.02	630
8780	631D/PR631D 40T 27-32CY P.S. 450 HP D	368,276	82.39	106.37	19.39	37.40	14.53	42.45	19.12	833
	WATER BLASTER **********									
	AMERICAN AERO									
8790	WBD 90 10000 PSI @ 10 GPM W/2 NOZ 91 HP D TRAILER MOUNTED	33,139	17.11		2.44	5.69	4.33			42
8795	WBDI5O 10000 PSI @ 20 GPM W/2 NOZ 160 HP D TRAILER MOUNTED	50,178	27.29		3.70	8.65	7.62			70
	WATER TANKS **********									
	SKID MOUNTED									
8805	WST-8 8000 GAL. SOUTHWEST	15,330	2.22		0.83	1.59	0.00			107
8810	WST-10 10000 GAL. SOUTHWEST	17,859	2.58		0.97	1.85	0.00			122
8815	WST-12 12000 GAL. SOUTHWEST	20,780	3.00		1.12	2.15	0.00			142
	PORTABLE (WITH WHEELS)									
8825	EWT-8 8000 GAL. SOUTHWEST 8 HP G	27,804	4.78		1.49	2.81	0.55			130
8830	EWT-10 10000 GAL. SOUTHWEST 8 HP G	31,454	5.30		1.68	3.18	0.55			170
8835	EWT-12 12000 GAL. SOUTHWEST 8 HP G	34,886	5.80		1.87	3.54	0.55			185
	WELDERS *******									
	ELECTRIC DRIVE - AC 3 PHASE 60 HZ									
8845	300 AMP SKID MTD 20 HP E	2,369	1.68		0.16	0.32	0.96			7
8850	400 AMP SKID MTD 25 HP E	2,832	2.07		0.18	0.37	1.20			9

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	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) **********									
	GASOLINE ENGINE DRIVE									
8860	200 AMP W/1 AXLE TRLR 39 HP G	4,748	5.35		0.33	0.72	3.29			11
8865	250 AMP W/1 AXLE TRLR 39 HP G	5,000	5.41		0.35	0.76	3.29			17
8870	300 AMP W/1 AXLE TRLR 65 HP G	5,434	8.24		0.38	0.83	5.48			17
8875	400 AMP W/1 AXLE TRLR 69 HP G	6,917	9.06		0.49	1.07	5.81			21
	DIESEL ENGINE DRIVE									
8885	250 AMP W/1 AXLE TRLR 27 HP D	6,471	3.07		0.46	1.00	1.08			21
8890	300 AMP W/1 AXLE TRLR 38 HP D	6,919	3.74		0.49	1.07	1.52			21
8895	350 AMP W/2 AXLE TRLR 38 HP D	7,783	3.97		0.54	1.18	1.52			25
8900	400 AMP W/2 AXLE TRLR 64 HP D	8,420	5.44		0.59	1.29	2.56			30
	MIG									
8910	300AMP W/WIRE FEED AND SHOP GEAR 10 HP E	2,411	1.06		0.16	0.32	0.48			5
8915	450AMP W/WIRE FEED AND SHOP GEAR 20 HP E	2,480	1.70		0.16	0.33	0.96			5
	RECTIFIER									
8925	200 AMP W/SHOP RUNNING GEAR 19 HP E	1,091	1.37		0.07	0.14	0.91			4
8930	300 AMP W/SHOP RUNNING GEAR 24 HP E	1,399	1.76		0.09	0.19	1.15			6
8935	750 AMP W/SHOP RUNNING GEAR 30 HP E	3,830	2.55		0.24	0.50	1.44			7
8940	1000AMP W/SHOP RUNNING GEAR 42 HP E	6,708	3.83		0.43	0.89	2.02			10
	TRANSFORMER-RECTIFIER									
8950	250 AMP W/SHOP RUNNING GEAR 19 HP E	502	1.27		0.03	0.07	0.91			4
8955	300 AMP W/SHOP RUNNING GEAR 24 HP E	1,673	1.80		0.11	0.22	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 $55.00 per hour and an ownership rate of $30.00 per hour.

A. If an equivalent crane owned by a contractor had been purchased new in 1980, the total hourly rate can be determined as follows:

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

B. If an equivalent crane owned by a Contractor had been purchased new in 1970, this crane is over-age and the total hourly rate can be determined as follows:

Total Hourly Rate	= $55.00/Hr.
Ownership Rate	(-) $30.00/Hr.
Ownership adjusted for Age:	
(Ownership Rate) x (Oldest Age Adj. Factor)	
= ($30.00) x (.54)	= (+) $16.20/Hr.
Adjusted Total Hourly Rate	= $41.20/Hr.

C. If an equivalent crane, manufactured in 1970, had been purchased used in 1978 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 1980, had been purchased used in 1982 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												
		1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973
15	AGGREGATE SPREADERS	1.03	1.01	1.00	1.02	0.95	0.87							
30	AIR COMPRESSORS	1.05	1.00	1.00	0.98	0.91	0.95							
45	AIR TOOLS, SANDBLASTERS, ETC	1.05	1.00	1.00										
60	ASPHALT DISTRIBUTORS	1.03	1.01	1.00	1.02	0.95	0.87							
65	ASPHALT AND CONCRETE PAVERS	1.03	1.01	1.00	1.02	0.95	0.87							
70	ASPHALT KETTLES AND RECYCLERS	1.04	1.02	1.00	0.97	0.90								
	BACKHOE (SEE KEY NO. 570-601)													
75	BROOMS	1.04	1.02	1.00	0.97	0.90	0.79							
80	BRUSH CHIPPERS	1.04	1.02	1.00	0.97	0.90	0.80							
90	BUCKETS, CLAMSHELL & DRAGLINE	1.03	1.01	1.00	1.02	0.96	0.85							
95	BUCKETS, CONCRETE	1.03	1.01	1.00	1.02	0.96	0.85							
105	CONCRETE OR GROUT PUMP	1.04	1.02	1.00	0.97	0.90								
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	1.04	1.02	1.00	0.97	0.90								
125	CONCRETE FINISHERS & BUGGIES	1.05	1.02	1.00	0.97									
130	CONCRETE SAWS	1.04	1.02	1.00	0.97	0.90								
135	CONCRETE VIBRATORS	1.05	1.00	1.00										
140	COMPACTORS, MANUALLY OPERATED	1.05	1.00	1.00	0.98									
	CRANE, CRAWLER TYPE													
150	0 THRU 25 TON	1.05	1.03	1.00	0.98	0.91	0.83	0.74	0.67					
165	OVER 25 TON THRU 50 TON	1.05	1.03	1.00	0.98	0.91	0.83	0.74	0.67	0.62				
170	OVER 50 TON THRU 150 TON	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.62	0.58	0.53		
180	OVER 150 TON	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.63	0.59	0.53	0.43	
	DRAGLINE & CLAMSHELL, CRAWLER													
185	0 THRU 1 CY	1.05	1.03	1.00	0.98	0.91	0.83	0.74	0.67					
190	OVER 1 CY THRU 2-1/2 CY	1.05	1.03	1.00	0.98	0.91	0.83	0.74	0.67	0.62				
195	OVER 2-1/2 CY THRU 5 CY	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.62	0.58	0.53		
196	OVER 5 CY	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.63	0.59	0.53	0.43	
200	CRANES, HYDRAULIC, SELF-PROPELLED	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.63	0.59			
205	CRANES, TOWER	1.05	1.03	1.00	0.98	0.91	0.83	0.74	0.67	0.61	0.57	0.51		
	CRANES & HYD. EXC. , TRK MTD													
210	UNDER 26 T. (THRU 1 CY)	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.63				
225	26 THRU 65 T (1 TH 2-1/2 CY)	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.63	0.59	0.54		
230	66 THRU 125 T	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.69	0.63	0.59	0.54	0.44	
240	OVER 125 T	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.63	0.59	0.54	0.43	0.36
255	DRILL, AUGER	1.01	0.99	1.00	0.99	0.91	0.77							
270	DRILL, BLAST HOLE	1.01	0.99	1.00	0.99	0.91	0.77							
300	DRILL, CORE	1.01	0.99	1.00	0.99	0.91	0.77							
315	DRILL, ROTARY TO 11" DIA. HOLE	1.01	0.99	1.00	0.99	0.91	0.78	0.67	0.62	0.56				
330	DRILL, ROTARY OVER 11" DIA.	1.01	0.99	1.00	0.99	0.91	0.79	0.68	0.63	0.57	0.55	0.52	0.45	
345	DRILL, ROTARY OVER 11" DIA., ELECTRIC	1.01	0.99	1.00	0.99	0.91	0.79	0.68	0.63	0.57	0.55	0.52	0.45	
375	FORK LIFTS	1.04	1.02	1.00	0.97	0.90	0.80							
390	GRADERS	1.05	1.03	1.00	0.97	0.88	0.79	0.70	0.63					
420	GENERATORS	1.05	1.03	1.00	0.97	0.95								
435	HOIST	1.04	1.02	1.00	0.97	0.90	0.80							
	HYD. EXCAVATOR (SEE KEY NO. 570-601)													
440	LIGHT PLANTS	1.05	1.02	1.00	0.97	0.89								
450	LOADER, BELT	1.04	1.02	1.00	0.97	0.90	0.79							
460	LOADER, FRONT END & LOADER F/E WITH BACKHOE, CRAWLER TYPE	1.02	1.00	1.00	0.96	0.87	0.78							
	LOADER, WHEEL TYPE													
465	0 THRU 225 HP	1.06	1.03	1.00	0.97	0.87	0.71							
470	OVER 225 HP	1.05	1.03	1.00	0.98	0.88	0.74	0.64	0.58					
475	LOADER, FRONT END WITH BACKHOE, WHEEL TYPE	1.06	1.03	1.00	0.97	0.87	0.71							

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW 1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	1.05	1.02	1.00	0.97									
485	PIPELAYERS	1.02	1.00	1.00	0.96	0.86	0.76	0.66	0.58					
	PUMP, GROUT (SEE KEY NO. 105)													
495	PUMP, WATER, ENGINE DRIVE	1.04	1.02	1.00	0.97	0.90	0.79							
500	PUMP, WATER, ELECTRIC DRIVE	1.04	1.02	1.00	0.97	0.90	0.79							
510	RIPPERS	1.02	1.00	1.00	0.96	0.87								
525	ROLLERS, EXCEPT VIB. ROLLERS	1.08	1.05	1.00	0.90	0.83	0.75							
530	ROLLERS, VIBRATORY	1.08	1.06	1.00	0.90	0.83								
540	SCRAPERS, STANDARD	1.05	1.03	1.00	0.98	0.89	0.80							
542	SCRAPERS, TANDEM POWERED	1.05	1.03	1.00	0.98	0.89	0.80							
	SCRAPERS, ELEVATING													
545	0 THRU 200 HP	1.05	1.03	1.00	0.97	0.88	0.80							
550	OVER 200 HP	1.05	1.03	1.00	0.98	0.89	0.80							
555	SCRAPERS, TRACTOR DRAWN	1.05	1.03	1.00	0.98	0.89	0.80	0.71	0.65					
560	SOIL STABILIZERS	1.05	1.03	1.00	0.97	0.88	0.80							
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED													
570	0 THRU 1 CY	1.06	1.03	1.00	0.97	0.90								
585	OVER 1 CY THRU 2-1/2 CY	1.05	1.03	1.00	0.98	0.91	0.83							
595	OVER 2-1/2 CY THRU 5 CY	1.05	1.03	1.00	0.98	0.91	0.83	0.75	0.68					
600	OVER 5 CY	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.63				
601	OVER 2-1/2 CY ELECTRIC	1.05	1.03	1.00	0.98	0.91	0.84	0.75	0.68	0.62	0.58	0.53		
	TRACTOR, CRAWLER TYPE													
615	0 THRU 225 HP	1.02	1.00	1.00	0.96	0.86	0.77							
620	226 HP THRU 425 HP (PER UNIT FOR TANDEM TRACTORS)	1.02	1.00	1.00	0.96	0.87	0.79							
625	OVER 425 HP	1.02	1.00	1.00	0.96	0.87	0.79	0.70	0.63					
630	TRACTOR, BLADES, PUSH BLOCKS, PUSH PLATES & CLEARING BLADES	1.02	1.00	1.00	0.96	0.87	0.78							
645	TRACTOR, WHEEL TYPE	1.06	1.03	1.00	0.99	0.90	0.80							
650	TRENCHER	1.04	1.02	1.00	0.93	0.81	0.69							
655	TRAILERS, BOTTOM DUMP AND END DUMP	1.04	1.02	1.00	0.97	0.90	0.80							
660	TRAILERS, FLATBED, LO-BOY AND TILT	1.05	1.02	1.00	0.97	0.89	0.78							
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING													
670	DUMP BODIES	1.04	1.02	1.00	0.97	0.90								
675	ALL OTHER ACCESSORIES	1.04	1.02	1.00	0.97	0.90								
	TRUCK, HIGHWAY													
690	0 THRU 10,000 GVW	1.08	1.06	1.00	0.95									
695	OVER 10,000 THRU 30,000 GVW	1.08	1.06	1.00	0.95	0.88								
705	OVER 30,000 GVW	1.08	1.05	1.00	0.96	0.88								
720	TRUCK, OFF-HIGHWAY	1.03	1.01	1.00	0.98	0.89	0.77	0.66	0.60					
765	WAGON, BOTTOM & REAR DUMP	1.03	1.01	1.00	0.98	0.89	0.77	0.66	0.60					
780	WAGON, WATER	1.04	1.01	1.00	0.97	0.88	0.76	0.64	0.57					
785	WATER BLASTER	1.04	1.02	1.00	0.97									
795	WATER TANKS	1.04	1.02	1.00	0.97	0.90	0.80	0.70	0.62					
810	WELDERS	1.05	1.02	1.00	0.97									
811	WELDERS ELECTRIC POWER	1.05	1.02	1.00	0.97	0.89								

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

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

Example: Assume that a two-year old 50-ton truck crane listed in TABLE 3-1 has an hourly standby rate of $18.00 per hour. If an equivalent crane owned by a Contractor had been purchased new in 1980, the hourly standby rate can be determined as follows:

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

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW 1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973
15	AGGREGATE SPREADERS	1.03	1.01	1.00	1.01	0.95	0.89							
30	AIR COMPRESSORS	1.05	1.00	1.00	0.98	0.92	0.96							
45	AIR TOOLS, SANDBLASTERS, ETC	1.05	1.00	1.00										
60	ASPHALT DISTRIBUTORS	1.03	1.01	1.00	1.01	0.95	0.89							
65	ASPHALT AND CONCRETE PAVERS	1.03	1.01	1.00	1.01	0.95	0.89							
70	ASPHALT KETTLES AND RECYCLERS	1.04	1.02	1.00	0.98	0.91								
	BACKHOE (SEE KEY NO. 570-601)													
75	BROOMS	1.04	1.02	1.00	0.98	0.91	0.82							
80	BRUSH CHIPPERS	1.04	1.02	1.00	0.98	0.91	0.82							
90	BUCKETS, CLAMSHELL & DRAGLINE	1.03	1.01	1.00	1.02	0.96	0.87							
95	BUCKETS, CONCRETE	1.03	1.01	1.00	1.02	0.96	0.87							
105	CONCRETE OR GROUT PUMP	1.04	1.02	1.00	0.98	0.91								
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	1.04	1.02	1.00	0.98	0.91								
125	CONCRETE FINISHERS & BUGGIES	1.04	1.02	1.00	0.98									
130	CONCRETE SAWS	1.04	1.02	1.00	0.98	0.91								
135	CONCRETE VIBRATORS	1.05	1.00	1.00										
140	COMPACTORS, MANUALLY OPERATED	1.05	1.00	1.00	0.98									
	CRANE, CRAWLER TYPE													
150	0 THRU 25 TON	1.05	1.03	1.00	0.98	0.92	0.85	0.77	0.71					
165	OVER 25 TON THRU 50 TON	1.05	1.03	1.00	0.98	0.92	0.85	0.77	0.71	0.66				
170	OVER 50 TON THRU 150 TON	1.04	1.03	1.00	0.98	0.92	0.86	0.78	0.72	0.67	0.63	0.58		
180	OVER 150 TON	1.04	1.03	1.00	0.98	0.92	0.86	0.78	0.72	0.67	0.64	0.59	0.50	
	DRAGLINE & CLAMSHELL,CRAWLER													
185	0 THRU 1 CY	1.05	1.03	1.00	0.98	0.92	0.85	0.77	0.71					
190	OVER 1 CY THRU 2-1/2 CY	1.05	1.03	1.00	0.98	0.92	0.85	0.77	0.71	0.66				
195	OVER 2-1/2 CY THRU 5 CY	1.04	1.03	1.00	0.98	0.92	0.86	0.78	0.72	0.67	0.63	0.58		
196	OVER 5 CY	1.04	1.03	1.00	0.98	0.92	0.86	0.78	0.72	0.67	0.64	0.59	0.50	
200	CRANES, HYDRAULIC, SELF-PROPELLED	1.05	1.03	1.00	0.98	0.92	0.85	0.77	0.71	0.66	0.62			
205	CRANES, TOWER	1.04	1.02	1.00	0.98	0.92	0.86	0.78	0.72	0.68	0.64	0.60		
	CRANES & HYD. EXC. , TRK MTD													
210	UNDER 26 T. (THRU 1 CY)	1.05	1.03	1.00	0.98	0.92	0.85	0.77	0.71	0.66				
225	26 THRU 65 T (1 TH 2-1/2 CY)	1.05	1.03	1.00	0.98	0.92	0.85	0.77	0.71	0.67	0.63	0.58		
230	66 THRU 125 T	1.05	1.03	1.00	0.98	0.92	0.85	0.78	0.72	0.67	0.63	0.58	0.49	
240	OVER 125 T	1.04	1.02	1.00	0.98	0.92	0.86	0.78	0.72	0.68	0.64	0.59	0.50	0.44
255	DRILL, AUGER	1.01	0.99	1.00	0.99	0.92	0.80							
270	DRILL, BLAST HOLE	1.01	0.99	1.00	0.99	0.92	0.80							
300	DRILL, CORE	1.01	0.99	1.00	0.99	0.92	0.80							
315	DRILL, ROTARY TO 11" DIA. HOLE	1.01	0.99	1.00	0.99	0.92	0.81	0.71	0.67	0.61				
330	DRILL, ROTARY OVER 11" DIA.	1.01	0.99	1.00	0.99	0.92	0.81	0.72	0.68	0.62	0.60	0.58	0.51	
345	DRILL, ROTARY OVER 11" DIA., ELECTRIC	1.01	0.99	1.00	0.99	0.92	0.81	0.72	0.68	0.62	0.60	0.58	0.51	
375	FORK LIFTS	1.04	1.02	1.00	0.98	0.91	0.82							
390	GRADERS	1.04	1.02	1.00	0.98	0.90	0.82	0.74	0.69					
420	GENERATORS	1.05	1.03	1.00	0.98	0.95								
435	HOIST	1.04	1.02	1.00	0.98	0.91	0.82							
	HYD. EXCAVATOR (SEE KEY NO. 570-601)													
440	LIGHT PLANTS	1.04	1.02	1.00	0.98	0.91								
450	LOADER, BELT	1.04	1.02	1.00	0.98	0.91	0.82							
460	LOADER,FRONT END &LOADER F/E WITH BACKHOE,CRAWLER TYPE	1.02	1.00	1.00	0.96	0.88	0.81							
	LOADER, WHEEL TYPE													
465	0 THRU 225 HP	1.05	1.03	1.00	0.98	0.89	0.76							
470	OVER 225 HP	1.05	1.03	1.00	0.98	0.89	0.76	0.68	0.62					
475	LOADER, FRONT END WITH BACKHOE,WHEEL TYPE	1.05	1.03	1.00	0.98	0.89	0.76							

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW												
		1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	1.04	1.02	1.00	0.98									
485	PIPELAYERS	1.02	1.00	1.00	0.96	0.89	0.81	0.73	0.66					
	PUMP, GROUT (SEE KEY NO. 105)													
495	PUMP, WATER, ENGINE DRIVE	1.04	1.02	1.00	0.98	0.91	0.82							
500	PUMP, WATER, ELECTRIC DRIVE	1.04	1.02	1.00	0.98	0.91	0.82							
510	RIPPERS	1.02	1.00	1.00	0.96	0.88								
525	ROLLERS, EXCEPT VIB. ROLLERS	1.07	1.05	1.00	0.92	0.85	0.78							
530	ROLLERS, VIBRATORY	1.07	1.05	1.00	0.91	0.85								
540	SCRAPERS, STANDARD	1.04	1.02	1.00	0.98	0.90	0.82							
542	SCRAPERS, TANDEM POWERED	1.04	1.02	1.00	0.98	0.90	0.82							
	SCRAPERS, ELEVATING													
545	0 THRU 200 HP	1.04	1.02	1.00	0.98	0.90	0.82							
550	OVER 200 HP	1.04	1.02	1.00	0.98	0.90	0.82							
555	SCRAPERS, TRACTOR DRAWN	1.04	1.02	1.00	0.98	0.90	0.82	0.74	0.69					
560	SOIL STABILIZERS	1.04	1.02	1.00	0.98	0.90	0.82							
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED													
570	0 THRU 1 CY	1.05	1.03	1.00	0.98	0.91								
585	OVER 1 CY THRU 2-1/2 CY	1.05	1.03	1.00	0.98	0.92	0.85							
595	OVER 2-1/2 CY THRU 5 CY	1.05	1.03	1.00	0.98	0.92	0.85	0.77	0.70					
600	OVER 5 CY	1.05	1.03	1.00	0.98	0.92	0.85	0.77	0.71	0.66				
601	OVER 2-1/2 CY ELECTRIC	1.04	1.03	1.00	0.98	0.92	0.86	0.78	0.72	0.67	0.63	0.58		
	TRACTOR, CRAWLER TYPE													
615	0 THRU 225 HP	1.02	1.00	1.00	0.96	0.88	0.81							
620	226 HP THRU 425 HP (PER UNIT FOR TANDEM TRACTORS)	1.02	1.00	1.00	0.96	0.88	0.81							
625	OVER 425 HP	1.02	1.00	1.00	0.96	0.88	0.81	0.73	0.66					
630	TRACTOR, BLADES, PUSH BLOCKS, PUSH PLATES & CLEARING BLADES	1.02	1.00	1.00	0.96	0.88	0.81							
645	TRACTOR, WHEEL TYPE	1.05	1.03	1.00	0.99	0.91	0.82							
650	TRENCHER	1.04	1.02	1.00	0.94	0.83	0.72							
655	TRAILERS, BOTTOM DUMP AND END DUMP	1.04	1.02	1.00	0.98	0.91	0.82							
660	TRAILERS, FLATBED, LO-BOY AND TILT	1.04	1.02	1.00	0.98	0.91	0.82							
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING													
670	DUMP BODIES	1.04	1.02	1.00	0.98	0.91								
675	ALL OTHER ACCESSORIES	1.04	1.02	1.00	0.98	0.91								
	TRUCK, HIGHWAY													
690	0 THRU 10,000 GVW	1.07	1.05	1.00	0.96									
695	OVER 10,000 THRU 30,000 GVW	1.07	1.05	1.00	0.96	0.90								
705	OVER 30,000 GVW	1.07	1.05	1.00	0.96	0.90								
720	TRUCK, OFF-HIGHWAY	1.03	1.01	1.00	0.98	0.90	0.79	0.69	0.64					
765	WAGON, BOTTOM & REAR DUMP	1.03	1.01	1.00	0.98	0.90	0.79	0.69	0.64					
780	WAGON, WATER	1.03	1.01	1.00	0.98	0.90	0.80	0.70	0.64					
785	WATER BLASTER	1.04	1.02	1.00	0.98									
795	WATER TANKS	1.04	1.02	1.00	0.98	0.91	0.82	0.73	0.67					
810	WELDERS	1.04	1.02	1.00	0.98									
811	WELDERS ELECTRIC POWER	1.04	1.02	1.00	0.98	0.91								

TABLE 3-4. SHIFT ADJUSTMENT FACTORS FOR OWNERSHIP COSTS

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

Example: Assume that the truck crane in Example A of TABLE 3-2 is to be worked 10 hours per day, 6 days per week. The total hourly rate for this piece of equipment (Service Life = 18,000 Hrs.) can be determined as follows:

Total Hourly Rate (adjusted for age)	= $50.20/Hr.
Ownership Rate (adjusted for age)	(-) $25.20/Hr.
Ownership Adjusted for Work Hours (Ownership Rate) x (Work Hr Adj. Factor) = ($25.20) x (.85)	= (+) $21.42/Hr.
Adjusted Total Hourly Rate	= $46.42/Hr.

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

Service Life From APP. D	Equipment Useage - Hours per Week												
	40	45	48	54	60	66	72	80	90	100	110	120	140
4,000	1.00	0.98	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87
6,000	1.00	0.97	0.96	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83
8,000	1.00	0.97	0.95	0.93	0.91	0.89	0.88	0.86	0.84	0.83	0.82	0.81	0.80
9,000	1.00	0.97	0.95	0.92	0.90	0.88	0.87	0.85	0.83	0.82	0.81	0.80	0.78
10,000	1.00	0.96	0.95	0.92	0.89	0.87	0.86	0.84	0.82	0.81	0.79	0.78	0.77
11,000	1.00	0.96	0.94	0.91	0.89	0.87	0.85	0.83	0.81	0.79	0.78	0.77	0.76
12,000	1.00	0.96	0.94	0.91	0.88	0.86	0.84	0.82	0.80	0.78	0.77	0.76	0.74
13,000	1.00	0.96	0.94	0.90	0.87	0.85	0.83	0.81	0.79	0.77	0.76	0.75	0.73
14,000	1.00	0.96	0.93	0.90	0.87	0.85	0.83	0.80	0.78	0.76	0.75	0.74	0.72
15,000	1.00	0.95	0.93	0.89	0.86	0.84	0.82	0.80	0.77	0.75	0.74	0.73	0.71
16,000	1.00	0.95	0.93	0.89	0.86	0.83	0.81	0.79	0.76	0.75	0.73	0.72	0.70
18,000	1.00	0.95	0.92	0.88	0.85	0.82	0.80	0.77	0.75	0.73	0.71	0.70	0.68
20,000	1.00	0.95	0.92	0.88	0.84	0.81	0.79	0.76	0.74	0.72	0.70	0.68	0.66
22,000	1.00	0.94	0.92	0.87	0.83	0.80	0.78	0.75	0.72	0.70	0.68	0.67	0.64
50,000	1.00	0.92	0.89	0.82	0.77	0.73	0.69	0.66	0.62	0.59	0.56	0.54	0.51

TABLE 3-5. HOURLY RATE ELEMENT

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	4.32	2.13	9.76	2.34	0.21	0.03	3.67	22.46								
1015	4.84	2.38	3.57	0.86	0.21	0.03	4.11	16.00								
1030	0.81	0.44	3.43	1.10	0.02	0.00	0.75	6.55								
1035	0.97	0.53	1.07	0.30	0.02	0.00	0.90	3.79								
1040	0.99	0.54	4.80	1.54	0.02	0.00	0.92	8.81								
1045	1.06	0.57	1.65	0.46	0.02	0.00	0.98	4.74								
1050	1.08	0.59	4.80	1.54	0.02	0.00	1.00	9.03								
1055	1.23	0.67	1.74	0.49	0.02	0.00	1.14	5.29								
1060	1.12	0.61	4.80	1.54	0.02	0.00	1.03	9.12								
1065	1.32	0.72	2.23	0.62	0.02	0.00	1.22	6.13								
1070	1.97	1.07	2.84	0.80	0.03	0.00	1.82	8.53								
1075	2.40	1.32	3.94	1.10	0.12	0.02	2.23	11.13								
1080	3.13	1.71	4.91	1.37	0.12	0.02	2.90	14.16								
1085	3.76	2.06	6.07	1.70	0.14	0.02	3.49	17.24								
1090	4.38	2.39	7.36	2.06	0.14	0.02	4.05	20.40								
1095	4.99	2.71	8.40	2.35	0.14	0.02	4.62	23.23								
1100	5.47	2.97	8.72	2.44	0.14	0.02	5.06	24.82								
1105	6.13	3.33	9.50	2.66	0.14	0.02	5.67	27.45								
1110	7.35	3.98	12.92	3.62	0.14	0.02	6.79	34.82								
1115	8.30	4.49	14.73	4.12	0.18	0.03	7.67	39.52								
1130	0.30	0.07	0.00	0.06	0.00	0.00	0.55	0.98								
1135	0.54	0.12	0.00	0.06	0.00	0.00	0.99	1.71								
1140	0.54	0.12	0.00	0.06	0.00	0.00	1.00	1.72								
1145	0.60	0.13	0.00	0.13	0.00	0.00	1.10	1.96								
1150	0.81	0.18	0.00	0.13	0.00	0.00	1.49	2.61								
1155	2.27	0.52	0.00	0.27	0.05	0.01	4.22	7.34								
1160	2.72	0.64	0.00	0.40	0.12	0.02	5.08	8.98								
1165	3.36	0.78	0.00	0.50	0.12	0.02	6.25	11.03								
1175	0.18	0.04	0.00	0.06	0.00	0.00	0.33	0.61								
1180	0.39	0.09	0.00	0.11	0.00	0.00	0.72	1.31								
1185	0.18	0.04	0.00	0.06	0.00	0.00	0.34	0.62								
1190	0.20	0.04	0.00	0.06	0.00	0.00	0.36	0.66								
1195	0.21	0.05	0.00	0.06	0.00	0.00	0.40	0.72								
1200	0.72	0.16	0.00	0.13	0.00	0.00	1.33	2.34								
1210	0.39	0.09	0.00	0.15	0.00	0.00	1.19	1.82								
1215	0.25	0.06	0.00	0.13	0.00	0.00	0.77	1.21								
1220	0.22	0.05	0.00	0.10	0.00	0.00	0.69	1.06								
1225	0.20	0.05	0.00	0.08	0.00	0.00	0.62	0.95								
1230	0.16	0.04	0.00	0.06	0.00	0.00	0.49	0.75								
1240	2.18	1.05	3.09	0.99	0.00	0.00	2.24	9.55								
1245	2.23	1.08	3.09	0.99	0.00	0.00	2.29	9.68								
1250	2.39	1.15	3.09	0.99	0.00	0.00	2.45	10.07								
1255	2.68	1.29	3.09	0.99	0.00	0.00	2.75	10.80								
1265	6.96	3.42	2.26	0.63	0.32	0.05	7.59	21.23								
1270	10.95	5.44	3.07	0.86	0.79	0.12	11.98	33.21								
1275	12.23	6.05	4.20	1.18	0.79	0.12	13.36	37.93								
1280	14.95	7.20	4.20	1.18	0.00	0.00	16.24	43.77								
1290	3.52	1.76	0.71	0.20	0.32	0.05	3.86	10.42								
1295	5.62	2.78	1.81	0.51	0.32	0.05	6.14	17.23								
1300	7.80	3.85	1.87	0.52	0.44	0.07	8.52	23.07								
1305	9.64	4.81	2.81	0.79	0.79	0.12	10.55	29.51								
1310	11.27	5.63	2.84	0.80	0.96	0.14	12.34	33.98								
1315	14.93	7.46	5.07	1.42	1.32	0.20	16.34	46.74								
1320	10.97	5.29	2.45	0.69	0.00	0.00	11.92	31.32								
1325	13.14	6.33	3.55	0.99	0.00	0.00	14.28	38.29								

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
1335	0.36	0.15	0.00	0.99	0.02	0.00	0.35	1.87								
1340	0.42	0.17	0.00	1.09	0.02	0.00	0.41	2.11								
1350	1.00	0.40	0.55	1.75	0.02	0.00	0.97	4.69								
1360	0.46	0.25	0.00	0.18	0.02	0.00	0.49	1.40								
1365	0.60	0.33	1.44	0.35	0.02	0.00	0.63	3.37								
1370	0.21	0.11	0.00	0.18	0.00	0.00	0.22	0.72								
1375	0.32	0.17	0.00	0.12	0.00	0.00	0.34	0.95								
1385	0.92	0.44	7.18	2.30	0.00	0.00	1.01	11.85								
1390	0.98	0.49	7.18	2.30	0.04	0.01	1.08	12.08								
1400	0.85	0.37	0.00	0.00	0.00	0.00	0.68	1.90	1.07	0.38	0.00	0.00	0.00	0.00	0.97	2.42
1405	0.92	0.40	0.00	0.00	0.00	0.00	0.73	2.05	1.15	0.41	0.00	0.00	0.00	0.00	1.04	2.60
1410	1.33	0.58	0.00	0.00	0.00	0.00	1.05	2.96	1.67	0.60	0.00	0.00	0.00	0.00	1.51	3.78
1415	1.57	0.69	0.00	0.00	0.00	0.00	1.24	3.50	1.96	0.70	0.00	0.00	0.00	0.00	1.77	4.43
1420	2.02	0.88	0.00	0.00	0.00	0.00	1.60	4.50	2.52	0.91	0.00	0.00	0.00	0.00	2.28	5.71
1425	2.15	0.94	0.00	0.00	0.00	0.00	1.70	4.79	2.69	0.97	0.00	0.00	0.00	0.00	2.43	6.09
1430	2.34	1.02	0.00	0.00	0.00	0.00	1.85	5.21	2.92	1.05	0.00	0.00	0.00	0.00	2.64	6.61
1435	2.59	1.13	0.00	0.00	0.00	0.00	2.05	5.77	3.24	1.17	0.00	0.00	0.00	0.00	2.93	7.34
1440	2.82	1.23	0.00	0.00	0.00	0.00	2.23	6.28	3.52	1.27	0.00	0.00	0.00	0.00	3.18	7.97
1445	3.00	1.31	0.00	0.00	0.00	0.00	2.38	6.69	3.75	1.35	0.00	0.00	0.00	0.00	3.39	8.49
1450	3.32	1.46	0.00	0.00	0.00	0.00	2.63	7.41	4.15	1.50	0.00	0.00	0.00	0.00	3.76	9.41
1455	3.46	1.51	0.00	0.00	0.00	0.00	2.74	7.71	4.32	1.56	0.00	0.00	0.00	0.00	3.91	9.79
1460	3.56	1.56	0.00	0.00	0.00	0.00	2.82	7.94	4.45	1.60	0.00	0.00	0.00	0.00	4.03	10.08
1465	3.75	1.64	0.00	0.00	0.00	0.00	2.97	8.36	4.68	1.69	0.00	0.00	0.00	0.00	4.24	10.61
1470	3.90	1.71	0.00	0.00	0.00	0.00	3.09	8.70	4.87	1.75	0.00	0.00	0.00	0.00	4.41	11.03
1480	0.82	0.36	0.00	0.00	0.00	0.00	0.65	1.83	1.02	0.37	0.00	0.00	0.00	0.00	0.92	2.31
1485	1.14	0.50	0.00	0.00	0.00	0.00	0.90	2.54	1.42	0.51	0.00	0.00	0.00	0.00	1.28	3.21
1490	1.67	0.73	0.00	0.00	0.00	0.00	1.32	3.72	2.08	0.75	0.00	0.00	0.00	0.00	1.88	4.71
1495	1.81	0.79	0.00	0.00	0.00	0.00	1.43	4.03	2.26	0.81	0.00	0.00	0.00	0.00	2.04	5.11
1500	2.27	0.99	0.00	0.00	0.00	0.00	1.80	5.06	2.84	1.02	0.00	0.00	0.00	0.00	2.57	6.43
1505	2.50	1.10	0.00	0.00	0.00	0.00	1.98	5.58	3.13	1.13	0.00	0.00	0.00	0.00	2.83	7.09
1510	2.88	1.26	0.00	0.00	0.00	0.00	2.28	6.42	3.59	1.29	0.00	0.00	0.00	0.00	3.25	8.13
1515	3.10	1.36	0.00	0.00	0.00	0.00	2.46	6.92	3.88	1.40	0.00	0.00	0.00	0.00	3.51	8.79
1520	3.35	1.47	0.00	0.00	0.00	0.00	2.65	7.47	4.18	1.51	0.00	0.00	0.00	0.00	3.79	9.48
1525	3.59	1.57	0.00	0.00	0.00	0.00	2.84	8.00	4.49	1.62	0.00	0.00	0.00	0.00	4.06	10.17
1530	3.80	1.66	0.00	0.00	0.00	0.00	3.01	8.47	4.75	1.71	0.00	0.00	0.00	0.00	4.30	10.76
1535	4.00	1.75	0.00	0.00	0.00	0.00	3.17	8.92	5.00	1.80	0.00	0.00	0.00	0.00	4.52	11.32
1540	4.22	1.85	0.00	0.00	0.00	0.00	3.34	9.41	5.28	1.90	0.00	0.00	0.00	0.00	4.78	11.96
1545	4.41	1.93	0.00	0.00	0.00	0.00	3.49	9.83	5.52	1.99	0.00	0.00	0.00	0.00	4.99	12.50
1550	4.60	2.01	0.00	0.00	0.00	0.00	3.64	10.25	5.75	2.07	0.00	0.00	0.00	0.00	5.20	13.02
1560	1.29	0.57	0.00	0.00	0.00	0.00	1.02	2.88	1.61	0.58	0.00	0.00	0.00	0.00	1.46	3.65
1565	1.32	0.58	0.00	0.00	0.00	0.00	1.04	2.94	1.65	0.59	0.00	0.00	0.00	0.00	1.49	3.73
1570	1.90	0.83	0.00	0.00	0.00	0.00	1.51	4.24	2.38	0.86	0.00	0.00	0.00	0.00	2.15	5.39
1575	2.35	1.03	0.00	0.00	0.00	0.00	1.86	5.24	2.93	1.06	0.00	0.00	0.00	0.00	2.65	6.64
1580	2.64	1.16	0.00	0.00	0.00	0.00	2.09	5.89	3.30	1.19	0.00	0.00	0.00	0.00	2.99	7.48
1585	2.88	1.26	0.00	0.00	0.00	0.00	2.28	6.42	3.60	1.30	0.00	0.00	0.00	0.00	3.26	8.16
1590	3.11	1.36	0.00	0.00	0.00	0.00	2.46	6.93	3.89	1.40	0.00	0.00	0.00	0.00	3.52	8.81
1595	3.31	1.45	0.00	0.00	0.00	0.00	2.62	7.38	4.14	1.49	0.00	0.00	0.00	0.00	3.75	9.38
1600	3.46	1.51	0.00	0.00	0.00	0.00	2.74	7.71	4.32	1.55	0.00	0.00	0.00	0.00	3.91	9.78
1605	3.76	1.65	0.00	0.00	0.00	0.00	2.97	8.38	4.70	1.69	0.00	0.00	0.00	0.00	4.25	10.64
1610	4.00	1.75	0.00	0.00	0.00	0.00	3.16	8.91	4.99	1.80	0.00	0.00	0.00	0.00	4.52	11.31
1615	4.22	1.85	0.00	0.00	0.00	0.00	3.34	9.41	5.27	1.90	0.00	0.00	0.00	0.00	4.77	11.94
1620	4.46	1.95	0.00	0.00	0.00	0.00	3.53	9.94	5.57	2.01	0.00	0.00	0.00	0.00	5.04	12.62
1625	4.63	2.03	0.00	0.00	0.00	0.00	3.67	10.33	5.79	2.09	0.00	0.00	0.00	0.00	5.24	13.12
1630	4.87	2.13	0.00	0.00	0.00	0.00	3.86	10.86	6.09	2.19	0.00	0.00	0.00	0.00	5.51	13.79
1640	0.12	0.06	0.00	0.00	0.00	0.00	0.10	0.28								

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
1645	0.15	0.07	0.00	0.00	0.00	0.00	0.13	0.35								
1650	0.20	0.09	0.00	0.00	0.00	0.00	0.17	0.46								
1655	0.28	0.13	0.00	0.00	0.00	0.00	0.23	0.64								
1660	0.35	0.17	0.00	0.00	0.00	0.00	0.29	0.81								
1670	0.50	0.24	0.00	0.00	0.00	0.00	0.42	1.16								
1675	0.52	0.25	0.00	0.00	0.00	0.00	0.44	1.21								
1680	0.54	0.26	0.00	0.00	0.00	0.00	0.46	1.26								
1685	0.71	0.34	0.00	0.00	0.00	0.00	0.60	1.65								
1690	0.74	0.36	0.00	0.00	0.00	0.00	0.62	1.72								
1695	1.07	0.52	0.00	0.00	0.00	0.00	0.90	2.49								
1700	1.28	0.62	0.00	0.00	0.00	0.00	1.08	2.98								
1710	0.57	0.27	0.00	0.00	0.00	0.00	0.48	1.32								
1715	0.63	0.31	0.00	0.00	0.00	0.00	0.53	1.47								
1720	0.73	0.35	0.00	0.00	0.00	0.00	0.62	1.70								
1725	0.82	0.39	0.00	0.00	0.00	0.00	0.69	1.90								
1730	0.96	0.46	0.00	0.00	0.00	0.00	0.81	2.23								
1745	0.29	0.13	0.00	0.00	0.00	0.00	0.23	0.65	0.36	0.13	0.00	0.00	0.00	0.00	0.32	0.81
1750	0.34	0.15	0.00	0.00	0.00	0.00	0.27	0.76	0.43	0.15	0.00	0.00	0.00	0.00	0.38	0.96
1755	0.42	0.18	0.00	0.00	0.00	0.00	0.33	0.93	0.52	0.19	0.00	0.00	0.00	0.00	0.47	1.18
1760	0.49	0.22	0.00	0.00	0.00	0.00	0.39	1.10	0.61	0.22	0.00	0.00	0.00	0.00	0.56	1.39
1765	0.58	0.25	0.00	0.00	0.00	0.00	0.46	1.29	0.72	0.26	0.00	0.00	0.00	0.00	0.65	1.63
1770	0.71	0.31	0.00	0.00	0.00	0.00	0.56	1.58	0.89	0.32	0.00	0.00	0.00	0.00	0.80	2.01
1775	0.79	0.34	0.00	0.00	0.00	0.00	0.62	1.75	0.98	0.35	0.00	0.00	0.00	0.00	0.89	2.22
1780	0.96	0.42	0.00	0.00	0.00	0.00	0.76	2.14	1.20	0.43	0.00	0.00	0.00	0.00	1.08	2.71
1785	1.02	0.45	0.00	0.00	0.00	0.00	0.81	2.28	1.27	0.46	0.00	0.00	0.00	0.00	1.15	2.88
1790	1.23	0.54	0.00	0.00	0.00	0.00	0.97	2.74	1.54	0.55	0.00	0.00	0.00	0.00	1.39	3.48
1795	1.33	0.58	0.00	0.00	0.00	0.00	1.05	2.96	1.66	0.60	0.00	0.00	0.00	0.00	1.51	3.77
1800	1.46	0.64	0.00	0.00	0.00	0.00	1.15	3.25	1.82	0.66	0.00	0.00	0.00	0.00	1.65	4.13
1805	1.61	0.71	0.00	0.00	0.00	0.00	1.28	3.60	2.02	0.73	0.00	0.00	0.00	0.00	1.83	4.58
1810	1.86	0.82	0.00	0.00	0.00	0.00	1.48	4.16	2.33	0.84	0.00	0.00	0.00	0.00	2.11	5.28
1815	2.03	0.89	0.00	0.00	0.00	0.00	1.60	4.52	2.53	0.91	0.00	0.00	0.00	0.00	2.29	5.73
1820	2.49	1.09	0.00	0.00	0.00	0.00	1.97	5.55	3.11	1.12	0.00	0.00	0.00	0.00	2.82	7.05
1825	2.86	1.25	0.00	0.00	0.00	0.00	2.27	6.38	3.58	1.29	0.00	0.00	0.00	0.00	3.24	8.11
1835	0.33	0.15	0.00	0.00	0.00	0.00	0.26	0.74	0.42	0.15	0.00	0.00	0.00	0.00	0.38	0.95
1840	0.41	0.18	0.00	0.00	0.00	0.00	0.33	0.92	0.51	0.18	0.00	0.00	0.00	0.00	0.46	1.15
1845	0.51	0.22	0.00	0.00	0.00	0.00	0.40	1.13	0.63	0.23	0.00	0.00	0.00	0.00	0.57	1.43
1850	0.60	0.26	0.00	0.00	0.00	0.00	0.48	1.34	0.76	0.27	0.00	0.00	0.00	0.00	0.68	1.71
1855	0.70	0.31	0.00	0.00	0.00	0.00	0.55	1.56	0.87	0.31	0.00	0.00	0.00	0.00	0.79	1.97
1860	0.83	0.36	0.00	0.00	0.00	0.00	0.66	1.85	1.04	0.37	0.00	0.00	0.00	0.00	0.94	2.35
1865	0.92	0.40	0.00	0.00	0.00	0.00	0.73	2.05	1.15	0.41	0.00	0.00	0.00	0.00	1.04	2.60
1870	1.10	0.48	0.00	0.00	0.00	0.00	0.87	2.45	1.38	0.50	0.00	0.00	0.00	0.00	1.25	3.13
1875	1.18	0.52	0.00	0.00	0.00	0.00	0.94	2.64	1.48	0.53	0.00	0.00	0.00	0.00	1.34	3.35
1880	1.51	0.66	0.00	0.00	0.00	0.00	1.20	3.37	1.89	0.68	0.00	0.00	0.00	0.00	1.71	4.28
1885	1.56	0.69	0.00	0.00	0.00	0.00	1.24	3.49	1.96	0.70	0.00	0.00	0.00	0.00	1.77	4.43
1890	1.79	0.78	0.00	0.00	0.00	0.00	1.41	3.98	2.23	0.80	0.00	0.00	0.00	0.00	2.02	5.05
1895	1.97	0.86	0.00	0.00	0.00	0.00	1.56	4.39	2.46	0.88	0.00	0.00	0.00	0.00	2.22	5.56
1900	2.35	1.03	0.00	0.00	0.00	0.00	1.86	5.24	2.94	1.06	0.00	0.00	0.00	0.00	2.66	6.66
1905	2.51	1.10	0.00	0.00	0.00	0.00	1.98	5.59	3.13	1.13	0.00	0.00	0.00	0.00	2.84	7.10
1910	3.20	1.40	0.00	0.00	0.00	0.00	2.53	7.13	3.99	1.44	0.00	0.00	0.00	0.00	3.61	9.04
1915	3.56	1.56	0.00	0.00	0.00	0.00	2.82	7.94	4.45	1.60	0.00	0.00	0.00	0.00	4.02	10.07
1925	1.34	0.58	0.00	0.00	0.00	0.00	1.06	2.98	1.67	0.60	0.00	0.00	0.00	0.00	1.51	3.78
1930	1.39	0.61	0.00	0.00	0.00	0.00	1.10	3.10	1.74	0.62	0.00	0.00	0.00	0.00	1.57	3.93
1935	1.55	0.68	0.00	0.00	0.00	0.00	1.23	3.46	1.94	0.70	0.00	0.00	0.00	0.00	1.76	4.40
1940	2.08	0.91	0.00	0.00	0.00	0.00	1.65	4.64	2.60	0.94	0.00	0.00	0.00	0.00	2.35	5.89
1945	2.33	1.02	0.00	0.00	0.00	0.00	1.84	5.19	2.91	1.05	0.00	0.00	0.00	0.00	2.63	6.59

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
1950	2.40	1.05	0.00	0.00	0.00	0.00	1.90	5.35	3.00	1.08	0.00	0.00	0.00	0.00	2.72	6.80
1955	2.57	1.13	0.00	0.00	0.00	0.00	2.04	5.74	3.21	1.16	0.00	0.00	0.00	0.00	2.91	7.28
1960	3.27	1.43	0.00	0.00	0.00	0.00	2.59	7.29	4.09	1.47	0.00	0.00	0.00	0.00	3.70	9.26
1965	3.36	1.47	0.00	0.00	0.00	0.00	2.66	7.49	4.20	1.51	0.00	0.00	0.00	0.00	3.80	9.51
1970	4.28	1.87	0.00	0.00	0.00	0.00	3.39	9.54	5.35	1.92	0.00	0.00	0.00	0.00	4.84	12.11
1975	4.44	1.94	0.00	0.00	0.00	0.00	3.52	9.90	5.55	2.00	0.00	0.00	0.00	0.00	5.02	12.57
1980	5.28	2.31	0.00	0.00	0.00	0.00	4.18	11.77	6.60	2.38	0.00	0.00	0.00	0.00	5.97	14.95
1985	5.63	2.46	0.00	0.00	0.00	0.00	4.45	12.54	7.03	2.53	0.00	0.00	0.00	0.00	6.36	15.92
1995	0.81	0.35	0.00	0.00	0.00	0.00	0.64	1.80	1.01	0.36	0.00	0.00	0.00	0.00	0.91	2.28
2000	1.03	0.45	0.00	0.00	0.00	0.00	0.82	2.30	1.29	0.47	0.00	0.00	0.00	0.00	1.17	2.93
2005	1.42	0.62	0.00	0.00	0.00	0.00	1.12	3.16	1.77	0.64	0.00	0.00	0.00	0.00	1.60	4.01
2010	1.87	0.82	0.00	0.00	0.00	0.00	1.48	4.17	2.34	0.84	0.00	0.00	0.00	0.00	2.12	5.30
2015	2.80	1.23	0.00	0.00	0.00	0.00	2.22	6.25	3.50	1.26	0.00	0.00	0.00	0.00	3.17	7.93
2020	3.19	1.40	0.00	0.00	0.00	0.00	2.53	7.12	3.99	1.44	0.00	0.00	0.00	0.00	3.61	9.04
2025	3.87	1.70	0.00	0.00	0.00	0.00	3.06	8.63	4.84	1.74	0.00	0.00	0.00	0.00	4.38	10.96
2030	4.70	2.06	0.00	0.00	0.00	0.00	3.72	10.48	5.88	2.12	0.00	0.00	0.00	0.00	5.32	13.32
2035	5.71	2.50	0.00	0.00	0.00	0.00	4.52	12.73	7.13	2.57	0.00	0.00	0.00	0.00	6.45	16.15
2040	6.62	2.90	0.00	0.00	0.00	0.00	5.24	14.76	8.28	2.98	0.00	0.00	0.00	0.00	7.49	18.75
2050	0.22	0.07	0.28	0.07	0.00	0.00	0.33	0.97								
2055	0.17	0.05	0.28	0.07	0.00	0.00	0.26	0.83								
2060	0.24	0.07	0.47	0.11	0.00	0.00	0.35	1.24								
2065	0.31	0.09	0.47	0.11	0.00	0.00	0.45	1.43								
2070	0.39	0.12	0.57	0.14	0.00	0.00	0.58	1.80								
2075	0.15	0.05	0.28	0.07	0.00	0.00	0.23	0.78								
2080	0.24	0.07	0.66	0.16	0.00	0.00	0.35	1.48								
2085	0.23	0.07	0.38	0.09	0.00	0.00	0.34	1.11								
2090	0.29	0.09	0.38	0.09	0.00	0.00	0.42	1.27								
2095	0.20	0.06	0.38	0.09	0.00	0.00	0.29	1.02								
2100	0.41	0.13	0.23	0.05	0.00	0.00	0.60	1.42								
2105	0.70	0.22	0.23	0.05	0.00	0.00	1.03	2.23								
2110	1.22	0.38	0.23	0.05	0.00	0.00	1.80	3.68								
2115	0.94	0.29	0.23	0.05	0.00	0.00	1.39	2.90								
2120	1.17	0.36	0.18	0.04	0.00	0.00	1.73	3.48								
2125	1.62	0.50	0.36	0.09	0.00	0.00	2.39	4.96								
2130	2.01	0.62	0.59	0.14	0.00	0.00	2.97	6.33								
2135	0.45	0.14	0.85	0.20	0.00	0.00	0.66	2.30								
2140	0.48	0.15	0.32	0.08	0.00	0.00	0.70	1.73								
2145	0.76	0.24	0.45	0.11	0.00	0.00	1.13	2.69								
2150	1.56	0.48	0.45	0.11	0.00	0.00	2.30	4.90								
2155	1.50	0.47	0.36	0.09	0.00	0.00	2.22	4.64								
2160	1.70	0.53	0.36	0.09	0.00	0.00	2.50	5.18								
2170	0.21	0.07	0.37	0.12	0.00	0.00	0.22	0.99								
2180	0.18	0.06	0.52	0.17	0.00	0.00	0.18	1.11								
2185	0.70	0.24	1.18	0.38	0.00	0.00	0.73	3.23								
2190	0.90	0.30	1.18	0.38	0.00	0.00	0.94	3.70								
2200	0.06	0.03	0.06	0.03	0.02	0.00	0.07	0.27								
2205	0.07	0.03	0.06	0.03	0.02	0.00	0.07	0.28								
2210	0.23	0.09	0.52	0.17	0.02	0.00	0.25	1.28								
2215	0.18	0.07	0.52	0.17	0.02	0.00	0.20	1.16								
2225	10.30	4.96	4.59	1.28	0.00	0.00	11.19	32.32								
2230	18.21	8.78	6.72	1.88	0.00	0.00	19.79	55.38								
2235	32.16	15.50	8.07	2.26	0.00	0.00	34.94	92.93								
2245	2.08	1.01	4.46	1.43	0.04	0.01	2.26	11.29								
2250	9.38	4.52	3.23	0.90	0.00	0.00	10.19	28.22								
2260	2.40	0.97	0.57	0.16	0.06	0.01	2.64	6.81								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
2265	2.75	1.10	0.95	0.27	0.04	0.01	3.02	8.14								
2270	0.78	0.32	0.00	0.19	0.04	0.01	0.86	2.20								
2275	1.56	0.63	0.00	0.31	0.04	0.01	1.72	4.27								
2285	4.30	1.71	2.95	0.83	0.02	0.00	4.72	14.53								
2295	5.56	2.21	4.76	1.33	0.02	0.00	6.09	19.97								
2300	13.91	5.56	12.35	3.46	0.23	0.03	15.27	50.81								
2310	4.38	1.74	3.19	0.89	0.02	0.00	4.80	15.02								
2315	6.79	2.73	7.24	2.03	0.12	0.02	7.46	26.39								
2320	6.98	2.80	7.24	2.03	0.12	0.02	7.67	26.86								
2325	9.32	3.71	8.43	2.36	0.06	0.01	10.22	34.11								
2330	11.98	4.76	14.28	4.00	0.06	0.01	13.13	48.22								
2335	14.55	5.88	10.29	2.88	0.58	0.09	16.01	50.28								
2340	21.31	8.56	10.29	2.88	0.60	0.09	23.42	67.15								
2345	26.51	10.66	14.05	3.93	0.79	0.12	29.13	85.19								
2355	0.17	0.07	0.76	0.24	0.00	0.00	0.18	1.42								
2360	0.18	0.07	1.14	0.36	0.00	0.00	0.20	1.95								
2365	0.19	0.08	1.32	0.42	0.00	0.00	0.21	2.22								
2370	0.40	0.16	1.32	0.42	0.00	0.00	0.44	2.74								
2375	0.51	0.20	1.70	0.55	0.00	0.00	0.56	3.52								
2380	0.52	0.21	2.18	0.70	0.00	0.00	0.57	4.18								
2385	0.83	0.33	2.84	0.91	0.00	0.00	0.91	5.82								
2390	1.12	0.44	6.15	1.97	0.00	0.00	1.23	10.91								
2400	12.80	7.33	2.37	0.76	0.00	0.00	11.04	34.30	15.36	7.45	3.00	0.96	0.00	0.00	15.14	41.91
2405	14.26	10.03	2.91	0.58	0.00	0.00	14.06	41.84	16.46	10.14	3.68	0.74	0.00	0.00	18.25	49.27
2410	14.35	10.09	2.33	0.47	0.00	0.00	11.49	38.73	16.56	10.20	3.00	0.60	0.00	0.00	14.28	44.64
2420	15.64	11.00	2.33	0.47	0.00	0.00	12.52	41.96	18.05	11.11	3.00	0.60	0.00	0.00	15.56	48.32
2430	16.43	11.55	2.33	0.47	0.00	0.00	13.15	43.93	18.95	11.67	3.00	0.60	0.00	0.00	16.34	50.56
2440	19.49	13.70	4.28	0.86	0.00	0.00	19.20	57.53	22.48	13.85	5.43	1.09	0.00	0.00	24.93	67.78
2445	19.07	13.41	3.43	0.69	0.00	0.00	15.27	51.87	22.01	13.55	4.43	0.89	0.00	0.00	18.98	59.86
2455	16.84	14.05	3.43	0.75	0.00	0.00	15.56	50.63	18.94	14.15	4.43	0.97	0.00	0.00	18.67	57.16
2465	20.82	17.37	3.43	0.75	0.00	0.00	19.24	61.61	23.43	17.50	4.43	0.97	0.00	0.00	23.09	69.42
2475	27.30	22.78	5.85	1.29	0.00	0.00	25.23	82.45	30.72	22.94	7.56	1.66	0.00	0.00	30.27	93.15
2485	28.90	24.10	5.85	1.29	0.00	0.00	26.70	86.84	32.51	24.28	7.56	1.66	0.00	0.00	32.04	98.05
2490	27.43	22.88	7.32	1.61	0.00	0.00	30.42	89.66	30.86	23.05	9.27	2.04	0.00	0.00	38.02	103.24
2500	31.85	26.57	5.85	1.29	0.00	0.00	29.43	94.99	35.84	26.76	7.56	1.66	0.00	0.00	35.32	107.14
2510	30.13	27.77	5.85	1.41	0.00	0.00	31.56	96.72	33.48	27.93	7.56	1.81	0.00	0.00	37.12	107.90
2520	32.23	29.69	5.85	1.41	0.00	0.00	33.74	102.92	35.81	29.87	7.56	1.81	0.00	0.00	39.70	114.75
2535	13.56	7.76	2.93	0.94	0.00	0.00	11.69	36.88	16.27	7.89	3.71	1.19	0.00	0.00	16.04	45.10
2540	11.09	7.80	2.35	0.47	0.00	0.00	8.88	30.59	12.79	7.88	3.03	0.61	0.00	0.00	11.03	35.34
2550	21.09	10.23	4.28	0.86	0.00	0.00	20.78	57.24	26.36	10.48	5.63	1.13	0.00	0.00	29.22	72.82
2555	15.69	11.03	3.67	0.73	0.00	0.00	15.46	46.58	18.10	11.15	4.65	0.93	0.00	0.00	20.07	54.90
2560	15.77	11.09	2.94	0.59	0.00	0.00	12.63	43.02	18.19	11.20	3.79	0.76	0.00	0.00	15.69	49.63
2570	29.99	14.55	5.30	1.06	0.00	0.00	29.56	80.46	37.49	14.91	6.96	1.39	0.00	0.00	41.57	102.32
2575	20.52	14.43	4.54	0.91	0.00	0.00	20.22	60.62	23.67	14.58	5.75	1.15	0.00	0.00	26.25	71.40
2585	38.14	19.78	6.10	1.34	0.00	0.00	39.67	105.03	45.77	20.15	8.02	1.76	0.00	0.00	52.89	128.59
2590	36.50	18.92	6.10	1.34	0.00	0.00	37.96	100.82	43.80	19.28	8.02	1.76	0.00	0.00	50.61	123.47
2595	23.61	19.70	5.23	1.15	0.00	0.00	26.18	75.87	26.57	19.84	6.62	1.46	0.00	0.00	32.73	87.22
2600	23.10	19.26	4.18	0.92	0.00	0.00	21.34	68.80	25.98	19.40	5.40	1.19	0.00	0.00	25.61	77.58
2610	29.05	24.23	4.96	1.09	0.00	0.00	26.84	86.17	32.68	24.41	6.40	1.41	0.00	0.00	32.21	97.11
2615	27.77	23.16	6.20	1.36	0.00	0.00	30.79	89.28	31.24	23.33	7.85	1.73	0.00	0.00	38.49	102.64
2625	45.97	23.83	7.32	1.61	0.00	0.00	47.80	126.53	55.16	24.28	9.62	2.12	0.00	0.00	63.73	154.91
2630	43.47	22.54	7.32	1.61	0.00	0.00	45.21	120.15	52.17	22.96	9.62	2.12	0.00	0.00	60.28	147.15
2635	25.79	21.51	6.27	1.38	0.00	0.00	28.59	83.54	29.01	21.67	7.95	1.75	0.00	0.00	35.74	96.12
2645	55.96	33.40	10.86	2.61	0.00	0.00	71.12	173.95	65.29	33.85	14.27	3.43	0.00	0.00	90.52	207.36
2650	30.24	27.86	9.31	2.23	0.00	0.00	37.26	106.90	33.60	28.03	11.79	2.83	0.00	0.00	45.53	121.78

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
2665	10.38	7.30	2.24	0.45	0.00	0.00	8.31	28.68	11.97	7.37	2.90	0.58	0.00	0.00	10.32	33.14
2675	13.82	11.53	3.37	0.74	0.00	0.00	12.77	42.23	15.55	11.62	4.35	0.96	0.00	0.00	15.33	47.81
2685	19.37	16.16	3.47	0.76	0.00	0.00	17.90	57.66	21.80	16.28	4.48	0.99	0.00	0.00	21.48	65.03
2695	29.25	24.40	5.00	1.10	0.00	0.00	27.03	86.78	32.91	24.58	6.46	1.42	0.00	0.00	32.43	97.80
2710	19.20	16.01	7.32	1.61	0.00	0.00	21.28	65.42	21.60	16.13	9.27	2.04	0.00	0.00	26.60	75.64
2715	20.79	17.34	5.85	1.29	0.00	0.00	19.21	64.48	23.39	17.47	7.56	1.66	0.00	0.00	23.05	73.13
2725	24.45	20.40	7.65	1.68	0.00	0.00	27.11	81.29	27.51	20.54	9.69	2.13	0.00	0.00	33.89	93.76
2730	24.76	20.66	6.12	1.35	0.00	0.00	22.88	75.77	27.86	20.81	7.90	1.74	0.00	0.00	27.46	85.77
2740	32.52	27.12	9.18	2.02	0.00	0.00	36.06	106.90	36.58	27.32	11.63	2.56	0.00	0.00	45.07	123.16
2745	29.62	27.29	7.34	1.76	0.00	0.00	31.01	97.02	32.91	27.45	9.49	2.28	0.00	0.00	36.49	108.62
2755	46.32	42.69	13.97	3.35	0.00	0.00	48.51	154.84	51.47	42.93	18.05	4.33	0.00	0.00	57.07	173.85
2760	47.11	43.41	17.47	4.19	0.00	0.00	58.04	170.22	52.35	43.66	22.13	5.31	0.00	0.00	70.94	194.39
2775	14.52	10.21	6.07	1.21	0.00	0.00	14.31	46.32	16.76	10.32	7.69	1.54	0.00	0.00	18.58	54.89
2780	14.36	10.10	4.86	0.97	0.00	0.00	11.50	41.79	16.57	10.20	6.27	1.25	0.00	0.00	14.29	48.58
2790	36.77	17.83	7.82	1.56	0.00	0.00	36.24	100.22	45.96	18.28	10.28	2.06	0.00	0.00	50.96	127.54
2795	20.83	14.65	6.71	1.34	0.00	0.00	20.53	64.06	24.03	14.80	8.49	1.70	0.00	0.00	26.64	75.66
2800	20.61	14.49	5.37	1.07	0.00	0.00	16.51	58.05	23.78	14.65	6.93	1.39	0.00	0.00	20.51	67.26
2810	20.30	16.93	6.71	1.48	0.00	0.00	22.51	67.93	22.84	17.06	8.49	1.87	0.00	0.00	28.14	78.40
2815	20.12	16.79	5.37	1.18	0.00	0.00	18.59	62.05	22.64	16.91	6.93	1.52	0.00	0.00	22.31	70.31
2825	53.81	27.90	10.65	2.34	0.00	0.00	55.95	150.65	64.57	28.42	14.00	3.08	0.00	0.00	74.61	184.68
2830	30.17	25.16	9.13	2.01	0.00	0.00	33.45	99.92	33.94	25.35	11.56	2.54	0.00	0.00	41.81	115.20
2835	31.17	26.00	7.30	1.61	0.00	0.00	28.80	94.88	35.06	26.19	9.43	2.08	0.00	0.00	34.56	107.32
2845	27.67	25.49	11.63	2.79	0.00	0.00	34.09	101.67	30.74	25.64	14.73	3.53	0.00	0.00	41.66	116.30
2850	31.87	26.59	9.30	2.05	0.00	0.00	29.45	99.26	35.86	26.78	12.02	2.64	0.00	0.00	35.34	112.64
2865	15.94	11.21	3.57	0.71	0.00	0.00	15.71	47.14	18.40	11.33	4.52	0.90	0.00	0.00	20.40	55.55
2870	13.51	11.27	2.86	0.63	0.00	0.00	12.48	40.75	15.20	11.35	3.69	0.81	0.00	0.00	14.98	46.03
2880	19.89	13.99	5.05	1.01	0.00	0.00	19.60	59.54	22.95	14.13	6.40	1.28	0.00	0.00	25.44	70.20
2885	17.00	14.18	4.04	0.89	0.00	0.00	15.71	51.82	19.13	14.29	5.22	1.15	0.00	0.00	18.85	58.64
2890	19.94	16.64	6.02	1.32	0.00	0.00	22.11	66.03	22.44	16.76	7.62	1.68	0.00	0.00	27.64	76.14
2895	20.66	17.23	4.81	1.06	0.00	0.00	19.09	62.85	23.24	17.36	6.22	1.37	0.00	0.00	22.91	71.10
2900	55.72	51.34	7.71	1.85	0.00	0.00	58.34	174.96	61.91	51.64	9.96	2.39	0.00	0.00	68.64	194.54
2910	5.48	3.86	3.62	1.09	0.89	0.13	4.46	19.53								
2915	5.90	4.14	3.71	1.11	0.89	0.13	4.80	20.68								
2920	6.62	4.68	3.71	1.11	1.21	0.18	5.39	22.90								
2925	7.26	5.12	3.71	1.11	1.25	0.19	5.92	24.56								
2930	9.70	6.82	5.04	1.51	1.09	0.16	7.89	32.21								
2935	13.38	9.51	5.49	1.65	2.66	0.40	10.91	44.00								
2940	15.90	11.35	5.49	1.65	3.49	0.52	12.97	51.37								
2945	19.70	13.96	6.72	2.02	3.76	0.56	16.06	62.78								
2950	25.26	18.03	7.43	2.23	5.53	0.83	20.61	79.92								
2955	48.03	34.04	16.54	4.96	9.11	1.37	39.15	153.20								
2965	5.70	3.94	3.68	1.10	0.54	0.08	4.62	19.66								
2970	6.15	4.25	3.91	1.17	0.54	0.08	4.99	21.09								
2975	9.34	6.61	5.81	1.74	1.70	0.25	7.61	33.06								
2985	5.84	4.04	4.04	1.21	0.54	0.08	4.74	20.49								
2990	6.01	4.15	4.04	1.21	0.54	0.08	4.88	20.91								
2995	6.22	4.30	4.04	1.21	0.54	0.08	5.05	21.44								
3000	6.96	4.86	4.04	1.21	0.93	0.14	5.66	23.80								
3005	8.88	6.22	5.01	1.50	1.27	0.19	7.22	30.29								
3010	9.15	6.40	5.01	1.50	1.27	0.19	7.44	30.96								
3015	9.47	6.62	5.01	1.50	1.27	0.19	7.70	31.76								
3020	12.51	8.91	6.52	1.96	2.66	0.40	10.20	43.16								
3025	12.97	9.23	6.52	1.96	2.66	0.40	10.58	44.32								
3030	13.48	9.57	6.52	1.96	2.66	0.40	10.99	45.58								
3035	17.29	12.34	7.59	2.28	3.76	0.56	14.11	57.93								

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
3045	5.21	3.59	3.81	1.14	0.44	0.07	4.23	18.49								
3050	5.36	3.71	3.81	1.14	0.54	0.08	4.35	18.99								
3055	5.53	3.83	3.81	1.14	0.54	0.08	4.49	19.42								
3060	6.29	4.41	3.81	1.14	0.93	0.14	5.12	21.84								
3065	14.12	10.01	6.07	1.82	2.66	0.40	11.51	46.59								
3075	9.25	7.13	5.52	1.44	0.76	0.11	6.43	30.64	10.40	7.19	7.07	1.84	0.92	0.14	7.84	35.40
3080	16.20	12.40	7.86	2.04	0.95	0.14	11.26	50.85	18.22	12.50	10.12	2.63	1.16	0.17	13.72	58.52
3090	10.72	6.92	5.56	2.00	0.51	0.08	6.21	32.00	12.36	7.00	7.31	2.63	0.62	0.09	7.88	37.89
3095	10.70	8.26	6.56	1.70	0.94	0.14	7.45	35.75	12.04	8.32	8.63	2.24	1.15	0.17	9.07	41.62
3100	13.39	10.29	6.88	1.79	0.95	0.14	9.31	42.75	15.06	10.37	9.05	2.35	1.16	0.17	11.35	49.51
3105	17.60	15.15	8.02	2.08	2.49	0.37	14.32	60.03	19.56	15.25	10.30	2.68	3.08	0.46	17.04	68.37
3110	27.43	23.33	8.32	2.16	2.49	0.37	22.27	86.37	30.48	23.48	10.65	2.77	3.08	0.46	26.51	97.43
3115	27.38	28.34	12.71	3.30	3.19	0.48	27.13	102.53	30.12	28.48	16.36	4.25	3.94	0.59	31.71	115.45
3125	10.56	6.85	6.98	2.51	0.61	0.09	6.12	33.72	12.19	6.93	9.18	3.30	0.75	0.11	7.77	40.23
3130	10.34	7.93	6.98	1.81	0.68	0.10	7.19	35.03	11.63	7.99	9.18	2.39	0.84	0.13	8.76	40.92
3135	12.61	9.67	7.88	2.05	0.81	0.12	8.77	41.91	14.19	9.75	10.37	2.70	0.99	0.15	10.68	48.83
3145	10.94	7.07	6.78	2.44	0.51	0.08	6.34	34.16	12.63	7.15	8.92	3.21	0.62	0.09	8.04	40.66
3150	11.57	8.90	7.88	2.05	0.90	0.13	8.05	39.48	13.01	8.97	10.37	2.70	1.10	0.17	9.81	46.13
3155	12.55	9.64	7.69	2.00	0.90	0.13	8.73	41.64	14.12	9.72	10.11	2.63	1.10	0.17	10.64	48.49
3160	18.04	15.52	11.79	3.07	2.49	0.37	14.67	65.95	20.04	15.62	15.51	4.03	3.08	0.46	17.46	76.20
3170	16.95	13.11	5.21	1.36	1.66	0.25	11.80	50.34	19.07	13.22	6.64	1.73	2.05	0.31	14.38	57.40
3175	15.73	13.42	5.21	1.36	1.66	0.25	12.77	50.40	17.48	13.51	6.64	1.73	2.05	0.31	15.21	56.93
3180	19.40	16.48	8.33	2.17	1.66	0.25	15.75	64.04	21.56	16.59	10.74	2.79	2.05	0.31	18.75	72.79
3185	22.15	18.86	9.08	2.36	2.11	0.32	17.98	72.86	24.61	18.98	11.62	3.02	2.61	0.39	21.41	82.64
3190	26.57	27.28	10.86	2.82	2.11	0.32	26.28	96.24	29.22	27.41	13.96	3.63	2.61	0.39	30.71	107.93
3195	35.24	36.65	12.11	3.15	4.86	0.73	34.96	127.70	38.77	36.83	15.50	4.03	6.00	0.90	40.86	142.89
3205	15.35	11.91	5.05	1.31	1.66	0.25	10.69	46.22	17.27	12.01	6.42	1.67	2.05	0.31	13.03	52.76
3210	21.28	18.08	7.33	1.91	1.85	0.28	17.27	68.00	23.64	18.19	9.35	2.43	2.29	0.34	20.55	76.79
3215	21.16	21.82	7.53	1.96	2.11	0.32	20.95	75.85	23.27	21.92	9.60	2.50	2.61	0.39	24.48	84.77
3225	16.06	13.70	6.42	1.67	1.66	0.25	13.04	52.80	17.84	13.78	8.21	2.14	2.05	0.31	15.52	59.85
3230	19.68	16.75	8.48	2.21	1.85	0.28	15.98	65.23	21.87	16.86	10.91	2.84	2.29	0.34	19.02	74.13
3235	20.45	21.12	8.93	2.32	2.12	0.32	20.26	75.52	22.50	21.22	11.48	2.99	2.59	0.39	23.68	84.85
3245	13.43	8.68	3.88	1.40	0.66	0.10	7.78	35.93	15.50	8.78	4.92	1.77	0.83	0.12	9.87	41.79
3250	12.52	9.60	4.10	1.07	0.77	0.12	8.70	36.88	14.09	9.67	5.20	1.35	0.96	0.14	10.61	42.02
3255	14.01	10.76	4.34	1.13	1.00	0.15	9.74	41.13	15.76	10.85	5.50	1.43	1.23	0.19	11.87	46.83
3260	17.95	13.87	5.85	1.52	1.66	0.25	12.49	53.59	20.19	13.98	7.47	1.94	2.05	0.31	15.22	61.16
3265	17.76	15.12	5.97	1.55	1.66	0.25	14.42	56.73	19.74	15.21	7.61	1.98	2.05	0.31	17.16	64.06
3270	19.85	16.94	7.37	1.92	2.11	0.32	16.12	64.63	22.06	17.05	9.37	2.44	2.61	0.39	19.19	73.11
3275	24.39	20.72	7.99	2.08	2.11	0.32	19.79	77.40	27.10	20.85	10.18	2.65	2.61	0.39	23.56	87.34
3280	22.04	22.71	8.99	2.34	2.11	0.32	21.82	80.33	24.25	22.82	11.50	2.99	2.61	0.39	25.50	90.06
3285	48.52	49.72	14.59	3.79	3.42	0.51	47.98	168.53	53.37	49.96	18.78	4.88	4.22	0.63	56.08	187.92
3295	10.39	10.72	4.32	7.14	0.00	0.00	11.80	44.37								
3300	0.44	0.46	0.00	0.00	0.00	0.00	0.51	1.41								
3305	1.67	1.72	0.00	0.00	0.00	0.00	1.89	5.28								
3310	13.08	13.50	7.56	8.76	0.00	0.00	14.85	57.75								
3315	0.44	0.46	0.00	0.00	0.00	0.00	0.51	1.41								
3320	1.67	1.72	0.00	0.00	0.00	0.00	1.89	5.28								
3325	15.97	16.49	7.56	8.76	0.00	0.00	18.15	66.93								
3330	0.56	0.58	0.00	0.00	0.00	0.00	0.63	1.77								
3335	1.70	1.76	0.00	0.00	0.00	0.00	1.93	5.39								
3340	18.48	19.08	11.88	10.92	0.00	0.00	20.99	81.35								
3345	0.59	0.61	0.00	0.00	0.00	0.00	0.67	1.87								
3350	3.29	3.40	0.00	0.00	0.00	0.00	3.74	10.43								
3355	19.49	20.12	11.88	10.92	0.00	0.00	22.14	84.55								
3360	0.56	0.58	0.00	0.00	0.00	0.00	0.63	1.77								

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
3365	3.45	3.57	0.00	0.00	0.00	0.00	3.92	10.94								
3375	5.60	2.67	0.00	0.80	0.00	0.00	5.91	14.98								
3380	5.27	2.52	0.00	0.80	0.00	0.00	5.57	14.16								
3385	5.82	2.78	0.00	0.80	0.00	0.00	6.14	15.54								
3390	7.09	3.39	0.00	0.85	0.00	0.00	7.48	18.81								
3395	7.88	3.76	0.00	0.90	0.00	0.00	8.32	20.86								
3405	6.22	2.97	0.00	0.80	0.00	0.00	6.57	16.56								
3410	6.79	3.24	0.00	0.85	0.00	0.00	7.17	18.05								
3415	9.47	4.52	3.99	0.96	0.00	0.00	10.00	28.94								
3425	3.11	1.49	0.00	0.51	0.00	0.00	3.29	8.40								
3430	5.50	2.63	0.00	0.81	0.00	0.00	5.81	14.75								
3435	6.48	3.09	0.00	0.81	0.00	0.00	6.84	17.22								
3440	8.00	3.82	0.00	0.91	0.00	0.00	8.45	21.18								
3445	17.25	8.24	6.59	1.58	0.00	0.00	18.22	51.88								
3455	1.42	0.68	0.00	0.31	0.00	0.00	1.50	3.91								
3460	0.91	0.43	0.00	0.31	0.00	0.00	0.96	2.61								
3465	0.14	0.06	0.00	0.25	0.00	0.00	0.14	0.59								
3475	2.39	1.14	1.76	0.42	0.00	0.00	2.52	8.23								
3480	1.62	0.78	0.80	0.19	0.00	0.00	1.71	5.10								
3490	1.35	0.64	1.01	0.16	0.00	0.00	1.42	4.58								
3495	2.05	0.98	2.61	0.42	0.00	0.00	2.17	8.23								
3500	2.45	1.17	1.60	0.38	0.00	0.00	2.58	8.18								
3505	2.81	1.34	2.16	0.52	0.00	0.00	2.97	9.80								
3510	3.38	1.61	2.40	0.58	0.00	0.00	3.57	11.54								
3520	1.42	0.68	1.52	0.24	0.00	0.00	1.50	5.36								
3525	2.20	1.05	1.96	0.47	0.00	0.00	2.33	8.01								
3535	13.02	9.01	8.39	3.19	0.00	0.00	13.75	47.36								
3540	16.92	11.87	12.14	4.62	1.26	0.19	17.91	64.91								
3545	15.80	11.05	17.38	6.60	0.86	0.13	16.72	68.54								
3555	15.35	10.79	8.99	3.42	1.25	0.19	16.26	56.25								
3560	23.50	16.50	13.38	5.09	1.71	0.26	24.89	85.33								
3565	25.02	17.55	13.98	5.31	1.71	0.26	26.49	90.32								
3570	18.07	12.51	16.38	6.22	0.00	0.00	19.08	72.26								
3575	19.97	13.83	16.38	6.22	0.00	0.00	21.09	77.49								
3580	22.64	20.54	20.93	6.70	0.00	0.00	23.91	94.72								
3585	41.90	38.00	40.60	20.30	0.00	0.00	22.12	162.92								
3605	1.25	0.61	1.30	0.58	0.05	0.01	1.07	4.87								
3610	1.25	0.62	1.30	0.58	0.06	0.01	1.07	4.89								
3615	1.30	0.65	1.30	0.58	0.08	0.01	1.11	5.03								
3620	1.81	0.90	2.30	1.04	0.09	0.01	1.55	7.70								
3625	1.85	0.91	2.30	1.04	0.09	0.01	1.58	7.78								
3630	2.04	1.01	3.38	1.52	0.09	0.01	1.74	9.79								
3635	2.51	1.25	3.82	1.72	0.14	0.02	2.15	11.61								
3640	2.64	1.30	3.82	1.72	0.12	0.02	2.26	11.88								
3645	2.81	1.38	3.82	1.72	0.08	0.01	2.40	12.22								
3650	1.21	0.59	2.54	0.61	0.03	0.00	1.03	6.01								
3655	1.57	0.79	3.29	0.79	0.11	0.02	1.35	7.92								
3660	1.57	0.80	3.29	0.79	0.19	0.03	1.36	8.03								
3665	2.24	1.11	4.32	1.04	0.13	0.02	1.92	10.78								
3670	2.26	1.13	4.32	1.04	0.13	0.02	1.94	10.84								
3675	2.35	1.17	4.32	1.04	0.13	0.02	2.02	11.05								
3680	3.39	1.68	4.53	1.09	0.19	0.03	2.91	13.82								
3685	3.66	1.81	2.26	0.54	0.19	0.03	3.14	11.63								
3690	4.75	2.40	4.04	0.97	0.45	0.07	4.09	16.77								
3695	5.20	2.62	4.04	0.97	0.45	0.07	4.47	17.82								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
3700	5.36	2.69	4.04	0.97	0.40	0.06	4.61	18.13								
3705	5.96	3.01	4.04	0.97	0.58	0.09	5.13	19.78								
3710	2.07	1.05	2.20	0.53	0.20	0.03	1.78	7.86								
3715	2.13	1.07	2.20	0.53	0.20	0.03	1.83	7.99								
3720	2.59	1.30	2.20	0.53	0.20	0.03	2.23	9.08								
3725	2.67	1.35	2.20	0.53	0.25	0.04	2.30	9.34								
3735	1.20	0.61	4.32	1.04	0.13	0.02	1.03	8.35								
3740	1.75	0.88	5.49	1.32	0.14	0.02	1.50	11.10								
3745	3.50	1.73	7.96	1.91	0.16	0.02	3.00	18.28								
3750	4.67	2.36	8.72	2.09	0.46	0.07	4.02	22.39								
3755	5.50	2.76	8.72	2.09	0.46	0.07	4.72	24.32								
3760	5.48	2.77	8.72	2.09	0.54	0.08	4.72	24.40								
3765	5.98	2.99	8.72	2.09	0.44	0.07	5.14	25.43								
3770	12.16	6.10	13.04	3.13	0.96	0.14	10.45	45.98								
3785	1.75	0.63	4.78	1.15	0.00	0.00	1.22	9.53	2.00	0.65	6.29	1.51	0.00	0.00	1.62	12.07
3790	2.30	0.83	6.04	1.45	0.00	0.00	1.59	12.21	2.63	0.85	7.95	1.91	0.00	0.00	2.12	15.46
3795	2.48	0.90	7.11	1.71	0.00	0.00	1.72	13.92	2.83	0.91	9.35	2.24	0.00	0.00	2.29	17.62
3800	2.66	0.96	9.37	2.25	0.00	0.00	1.84	17.08	3.04	0.98	12.32	2.96	0.00	0.00	2.46	21.76
3805	3.05	1.10	11.95	2.87	0.00	0.00	2.11	21.08	3.48	1.12	15.72	3.77	0.00	0.00	2.81	26.90
3810	3.62	1.31	11.95	2.87	0.00	0.00	2.51	22.26	4.13	1.33	15.72	3.77	0.00	0.00	3.34	28.29
3815	4.03	1.46	14.53	3.49	0.00	0.00	2.79	26.30	4.61	1.49	19.12	4.59	0.00	0.00	3.73	33.54
3820	4.88	1.76	16.15	3.88	0.00	0.00	3.38	30.05	5.57	1.80	21.25	5.10	0.00	0.00	4.50	38.22
3825	6.62	2.40	20.99	5.04	0.00	0.00	4.59	39.64	7.57	2.44	27.62	6.63	0.00	0.00	6.12	50.38
3830	8.83	3.19	27.29	6.55	0.00	0.00	6.11	51.97	10.09	3.25	35.91	8.62	0.00	0.00	8.15	66.02
3835	12.01	4.34	40.37	9.69	0.00	0.00	8.32	74.73	13.72	4.43	53.12	12.75	0.00	0.00	11.09	95.11
3840	15.78	5.71	46.83	11.24	0.00	0.00	10.93	90.49	18.04	5.82	61.62	14.79	0.00	0.00	14.58	114.85
3850	0.07	0.03	0.34	0.08	0.00	0.00	0.05	0.57	0.08	0.03	0.45	0.11	0.00	0.00	0.07	0.74
3855	0.11	0.04	0.55	0.13	0.00	0.00	0.08	0.91	0.13	0.04	0.72	0.17	0.00	0.00	0.10	1.16
3860	0.15	0.05	0.82	0.20	0.00	0.00	0.10	1.32	0.17	0.05	1.07	0.26	0.00	0.00	0.13	1.68
3875	0.15	0.05	0.41	0.10	0.00	0.00	0.10	0.81	0.17	0.06	0.54	0.13	0.00	0.00	0.14	1.04
3880	0.34	0.12	0.96	0.23	0.00	0.00	0.24	1.89	0.39	0.13	1.25	0.30	0.00	0.00	0.31	2.38
3885	0.37	0.13	1.37	0.33	0.00	0.00	0.26	2.46	0.43	0.14	1.79	0.43	0.00	0.00	0.34	3.13
3890	0.39	0.14	0.19	0.05	0.00	0.00	0.27	1.04	0.45	0.15	0.25	0.06	0.00	0.00	0.36	1.27
3895	0.52	0.19	0.39	0.09	0.00	0.00	0.36	1.55	0.60	0.19	0.51	0.12	0.00	0.00	0.48	1.90
3900	0.75	0.27	0.71	0.17	0.00	0.00	0.52	2.42	0.86	0.28	0.93	0.22	0.00	0.00	0.69	2.98
3905	0.77	0.28	0.87	0.21	0.00	0.00	0.53	2.66	0.88	0.28	1.15	0.28	0.00	0.00	0.71	3.30
3910	1.15	0.41	2.03	0.49	0.00	0.00	0.79	4.87	1.31	0.42	2.68	0.64	0.00	0.00	1.06	6.11
3915	1.51	0.55	2.81	0.67	0.00	0.00	1.05	6.59	1.73	0.56	3.70	0.89	0.00	0.00	1.40	8.28
3920	1.74	0.63	3.29	0.79	0.00	0.00	1.21	7.66	1.99	0.64	4.33	1.04	0.00	0.00	1.61	9.61
3925	2.07	0.75	5.23	1.26	0.00	0.00	1.43	10.74	2.37	0.76	6.88	1.65	0.00	0.00	1.91	13.57
3930	2.17	0.78	5.23	1.26	0.00	0.00	1.50	10.94	2.48	0.80	6.88	1.65	0.00	0.00	2.00	13.81
3935	2.51	0.91	6.78	1.63	0.00	0.00	1.74	13.57	2.87	0.93	8.92	2.14	0.00	0.00	2.32	17.18
3940	2.98	1.08	8.91	2.14	0.00	0.00	2.06	17.17	3.40	1.10	11.73	2.82	0.00	0.00	2.75	21.80
3950	0.09	0.03	0.34	0.08	0.00	0.00	0.06	0.60	0.11	0.03	0.45	0.11	0.00	0.00	0.09	0.79
3955	0.10	0.04	0.48	0.12	0.00	0.00	0.07	0.81	0.12	0.04	0.63	0.15	0.00	0.00	0.09	1.03
3960	0.14	0.05	0.55	0.13	0.00	0.00	0.10	0.97	0.16	0.05	0.72	0.17	0.00	0.00	0.13	1.23
3965	0.18	0.07	0.69	0.16	0.00	0.00	0.13	1.23	0.21	0.07	0.89	0.21	0.00	0.00	0.17	1.55
3970	0.19	0.07	1.10	0.26	0.00	0.00	0.13	1.75	0.22	0.07	1.43	0.34	0.00	0.00	0.18	2.24
3975	0.18	0.07	1.10	0.26	0.00	0.00	0.13	1.74	0.21	0.07	1.43	0.34	0.00	0.00	0.17	2.22
3990	6.02	3.92	3.72	1.26	0.45	0.07	4.78	20.22	7.23	3.98	4.89	1.66	0.60	0.09	6.69	25.14
3995	6.88	4.46	4.02	1.37	0.45	0.07	5.45	22.70	8.25	4.52	5.28	1.79	0.60	0.09	7.64	28.17
4000	7.43	4.81	4.02	1.37	0.49	0.07	5.89	24.08	8.91	4.89	5.28	1.79	0.66	0.10	8.24	29.87
4005	7.53	4.90	4.46	1.52	0.56	0.08	5.98	25.03	9.04	4.97	5.86	1.99	0.76	0.11	8.37	31.10
4010	10.35	6.84	5.35	1.82	1.24	0.19	8.25	34.04	12.42	6.94	7.04	2.39	1.68	0.25	11.55	42.27
4015	14.73	9.78	7.44	2.53	1.93	0.29	11.75	48.45	17.67	9.93	9.77	3.32	2.62	0.39	16.46	60.16

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
4025	5.85	3.81	3.72	1.26	0.49	0.07	4.64	19.84	7.01	3.87	4.89	1.66	0.66	0.10	6.50	24.69
4030	6.63	4.32	4.28	1.46	0.54	0.08	5.27	22.58	7.96	4.39	5.63	1.91	0.73	0.11	7.38	28.11
4035	7.02	4.59	4.40	1.50	0.62	0.09	5.58	23.80	8.42	4.66	5.79	1.97	0.84	0.13	7.81	29.62
4040	7.68	4.99	5.38	1.83	0.54	0.08	6.10	26.60	9.22	5.06	7.08	2.41	0.73	0.11	8.53	33.14
4045	5.49	3.59	3.72	1.26	0.49	0.07	4.36	18.98	6.58	3.64	4.89	1.66	0.66	0.10	6.10	23.63
4050	6.07	3.97	4.28	1.46	0.54	0.08	4.83	21.23	7.29	4.03	5.63	1.91	0.73	0.11	6.76	26.46
4055	6.39	4.19	4.40	1.50	0.62	0.09	5.08	22.27	7.67	4.25	5.79	1.97	0.84	0.13	7.11	27.76
4060	6.99	4.57	5.38	1.83	0.62	0.09	5.56	25.04	8.39	4.64	7.08	2.41	0.84	0.13	7.78	31.27
4065	8.63	5.75	6.84	2.33	1.24	0.19	6.90	31.88	10.36	5.84	8.99	3.06	1.68	0.25	9.66	39.84
4075	3.27	2.10	2.02	0.69	0.15	0.02	2.59	10.84	3.92	2.14	2.66	0.90	0.21	0.03	3.62	13.48
4080	4.67	3.07	3.87	1.31	0.49	0.07	3.72	17.20	5.60	3.12	5.08	1.73	0.66	0.10	5.20	21.49
4085	5.13	3.38	4.31	1.47	0.56	0.08	4.09	19.02	6.16	3.43	5.67	1.93	0.76	0.11	5.72	23.78
4090	5.30	3.55	4.76	1.62	0.82	0.12	4.24	20.41	6.36	3.60	6.26	2.13	1.11	0.17	5.93	25.56
4100	2.77	1.79	4.31	0.86	0.15	0.02	2.20	12.10	3.33	1.82	5.59	1.12	0.21	0.03	3.08	15.18
4105	5.95	3.87	4.31	1.47	0.45	0.07	4.72	20.84	7.14	3.93	5.67	1.93	0.60	0.09	6.61	25.97
4110	7.38	4.80	5.53	1.88	0.56	0.08	5.86	26.09	8.85	4.87	7.27	2.47	0.76	0.11	8.20	32.53
4120	0.47	0.23	0.00	0.10	0.00	0.00	0.46	1.26								
4125	0.75	0.36	0.00	0.19	0.00	0.00	0.73	2.03								
4130	0.91	0.44	0.00	0.30	0.00	0.00	0.89	2.54								
4135	2.36	1.14	0.00	0.40	0.00	0.00	2.30	6.20								
4145	5.55	2.68	3.23	0.78	0.00	0.00	5.40	17.64								
4150	7.50	3.62	3.23	0.78	0.00	0.00	7.30	22.43								
4155	11.54	5.58	4.20	1.01	0.00	0.00	11.24	33.57								
4160	12.85	6.21	4.84	1.16	0.00	0.00	12.51	37.57								
4175	10.16	4.46	3.06	1.16	0.00	0.00	9.38	28.22	13.55	4.62	4.03	1.53	0.00	0.00	14.30	38.03
4180	14.63	7.10	5.50	1.10	0.00	0.00	14.42	42.75	18.29	7.27	7.23	1.45	0.00	0.00	20.28	54.52
4185	21.78	10.56	8.92	1.78	0.00	0.00	21.47	64.51	27.23	10.83	11.73	2.35	0.00	0.00	30.19	82.33
4190	30.82	15.98	13.57	2.98	0.00	0.00	32.05	95.40	36.99	16.28	17.83	3.92	0.00	0.00	42.74	117.76
4200	12.50	6.06	4.76	0.95	0.00	0.00	12.32	36.59	15.63	6.22	6.26	1.25	0.00	0.00	17.33	46.69
4205	17.99	8.72	6.99	1.40	0.00	0.00	17.73	52.83	22.49	8.94	9.19	1.84	0.00	0.00	24.93	67.39
4210	19.30	10.01	9.16	2.02	0.00	0.00	20.07	60.56	23.16	10.19	12.04	2.65	0.00	0.00	26.76	74.80
4215	40.28	20.88	18.33	4.03	0.00	0.00	41.89	125.41	48.34	21.27	24.09	5.30	0.00	0.00	55.85	154.85
4225	16.28	7.14	5.24	1.99	0.00	0.00	15.03	45.68	21.70	7.40	6.88	2.62	0.00	0.00	22.91	61.51
4230	19.30	9.36	6.10	1.22	0.00	0.00	19.02	55.00	24.12	9.59	8.02	1.60	0.00	0.00	26.74	70.07
4235	24.33	11.80	7.38	1.48	0.00	0.00	23.98	68.97	30.41	12.09	9.70	1.94	0.00	0.00	33.72	87.86
4240	36.21	18.77	11.66	2.57	0.00	0.00	37.65	106.86	43.45	19.12	15.33	3.37	0.00	0.00	50.20	131.47
4250	9.58	4.20	3.72	1.41	0.00	0.00	8.85	27.76	12.77	4.36	4.89	1.86	0.00	0.00	13.48	37.36
4255	11.86	5.20	4.91	1.87	0.00	0.00	10.96	34.80	15.82	5.40	6.45	2.45	0.00	0.00	16.70	46.82
4260	11.84	5.74	5.95	1.19	0.00	0.00	11.67	36.39	14.80	5.89	7.82	1.56	0.00	0.00	16.41	46.48
4270	11.56	5.07	2.68	1.02	0.00	0.00	10.68	31.01	15.42	5.26	3.52	1.34	0.00	0.00	16.27	41.81
4275	14.21	6.23	4.02	1.53	0.00	0.00	13.12	39.11	18.95	6.46	5.28	2.01	0.00	0.00	20.00	52.70
4280	22.03	10.68	5.80	1.16	0.00	0.00	21.71	61.38	27.54	10.95	7.62	1.52	0.00	0.00	30.53	78.16
4285	34.30	16.63	9.67	1.93	0.00	0.00	33.80	96.33	42.87	17.05	12.71	2.54	0.00	0.00	47.53	122.70
4300	14.43	6.33	3.42	1.30	0.00	0.00	13.32	38.80	19.23	6.56	4.50	1.71	0.00	0.00	20.30	52.30
4305	17.70	7.77	4.76	1.81	0.00	0.00	16.35	48.39	23.61	8.05	6.26	2.38	0.00	0.00	24.92	65.22
4310	20.85	10.11	8.09	1.62	0.00	0.00	20.54	61.21	26.06	10.36	10.64	2.13	0.00	0.00	28.89	78.08
4325	11.58	5.62	5.35	1.07	0.00	0.00	11.41	35.03	14.47	5.76	7.04	1.41	0.00	0.00	16.05	44.73
4330	20.97	10.17	8.63	1.73	0.00	0.00	20.66	62.16	26.21	10.42	11.34	2.27	0.00	0.00	29.06	79.30
4335	26.17	13.57	11.60	2.55	0.00	0.00	27.21	81.10	31.40	13.82	15.25	3.35	0.00	0.00	36.28	100.10
4345	10.50	4.60	3.90	1.48	0.00	0.00	9.69	30.17	14.00	4.77	5.12	1.95	0.00	0.00	14.77	40.61
4350	18.81	9.12	6.25	1.25	0.00	0.00	18.54	53.97	23.52	9.35	8.21	1.64	0.00	0.00	26.08	68.80
4355	21.27	10.32	7.73	1.55	0.00	0.00	20.97	61.84	26.59	10.58	10.17	2.03	0.00	0.00	29.49	78.86
4365	10.73	4.71	3.21	1.22	0.00	0.00	9.91	29.78	14.31	4.88	4.22	1.60	0.00	0.00	15.11	40.12
4370	14.15	6.21	4.25	1.62	0.00	0.00	13.07	39.30	18.87	6.44	5.59	2.12	0.00	0.00	19.92	52.94
4375	14.61	7.08	6.25	1.25	0.00	0.00	14.40	43.59	18.26	7.26	8.21	1.64	0.00	0.00	20.24	55.61

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
4380	21.34	10.35	7.14	1.43	0.00	0.00	21.03	61.29	26.67	10.61	9.38	1.88	0.00	0.00	29.57	78.11
4385	26.54	12.87	9.13	1.83	0.00	0.00	26.16	76.53	33.18	13.20	12.00	2.40	0.00	0.00	36.79	97.57
4390	30.32	15.72	9.88	2.17	0.00	0.00	31.53	89.62	36.39	16.02	12.98	2.86	0.00	0.00	42.04	110.29
4395	37.69	19.54	12.49	2.75	0.00	0.00	39.19	111.66	45.22	19.90	16.42	3.61	0.00	0.00	52.25	137.40
4400	41.97	21.76	13.80	3.04	0.00	0.00	43.65	124.22	50.37	22.17	18.14	3.99	0.00	0.00	58.20	152.87
4405	52.37	31.25	19.75	4.74	0.00	0.00	66.55	174.66	61.09	31.67	25.96	6.23	0.00	0.00	84.71	209.66
4410	61.14	36.49	24.75	5.94	0.00	0.00	77.71	206.03	71.33	36.98	32.53	7.81	0.00	0.00	98.90	247.55
4425	13.38	5.87	4.52	1.72	0.00	0.00	12.35	37.84	17.83	6.08	5.94	2.26	0.00	0.00	18.82	50.93
4430	18.55	9.00	6.78	1.36	0.00	0.00	18.28	53.97	23.19	9.22	8.91	1.78	0.00	0.00	25.71	68.81
4435	23.01	11.16	9.04	1.81	0.00	0.00	22.68	67.70	28.76	11.44	11.89	2.38	0.00	0.00	31.89	86.36
4445	8.93	5.79	6.42	2.36	0.56	0.08	5.18	29.32	10.31	5.86	8.40	3.09	0.71	0.11	6.57	35.05
4450	11.69	7.56	6.49	2.34	0.59	0.09	6.77	35.53	13.49	7.64	8.34	3.00	0.73	0.11	8.60	41.91
4455	13.31	10.22	10.75	2.80	0.94	0.14	9.26	47.42	14.98	10.31	13.85	3.60	1.17	0.18	11.28	55.37
4465	1.48	0.71	0.00	0.11	0.00	0.00	1.41	3.71	1.84	0.73	0.00	0.11	0.00	0.00	1.98	4.66
4470	1.94	0.93	0.00	0.13	0.00	0.00	1.85	4.85	2.42	0.95	0.00	0.13	0.00	0.00	2.60	6.10
4475	2.88	1.38	0.00	0.17	0.00	0.00	2.74	7.17	3.60	1.42	0.00	0.17	0.00	0.00	3.86	9.05
4480	1.48	0.71	0.00	0.24	0.00	0.00	1.41	3.84	1.85	0.73	0.00	0.24	0.00	0.00	1.98	4.80
4490	1.22	0.55	0.64	0.15	0.06	0.01	2.40	5.03								
4500	0.95	0.43	0.25	0.06	0.06	0.01	1.89	3.65								
4505	1.27	0.57	0.51	0.12	0.06	0.01	2.51	5.05								
4510	1.51	0.67	0.64	0.15	0.06	0.01	2.96	6.00								
4520	2.01	1.16	0.90	0.25	0.79	0.12	2.41	7.64	2.52	1.18	1.19	0.33	1.24	0.19	3.35	10.00
4530	0.40	0.21	0.00	0.00	0.00	0.00	0.46	1.07	0.50	0.22	0.00	0.00	0.00	0.00	0.65	1.37
4535	0.49	0.26	0.00	0.00	0.00	0.00	0.57	1.32	0.61	0.27	0.00	0.00	0.00	0.00	0.79	1.67
4540	0.09	0.05	0.00	0.00	0.00	0.00	0.11	0.25	0.11	0.05	0.00	0.00	0.00	0.00	0.15	0.31
4545	0.45	0.24	0.00	0.00	0.00	0.00	0.53	1.22	0.57	0.25	0.00	0.00	0.00	0.00	0.74	1.56
4550	0.39	0.21	0.00	0.00	0.00	0.00	0.45	1.05	0.48	0.21	0.00	0.00	0.00	0.00	0.63	1.32
4555	0.47	0.25	0.00	0.00	0.00	0.00	0.55	1.27	0.59	0.26	0.00	0.00	0.00	0.00	0.77	1.62
4560	0.68	0.37	0.00	0.00	0.00	0.00	0.80	1.85	0.86	0.37	0.00	0.00	0.00	0.00	1.12	2.35
4565	0.06	0.03	0.00	0.00	0.00	0.00	0.07	0.16	0.08	0.03	0.00	0.00	0.00	0.00	0.10	0.21
4570	2.17	1.25	1.36	0.38	0.97	0.14	2.60	8.87	2.71	1.28	1.78	0.50	1.52	0.23	3.61	11.63
4580	0.47	0.25	0.00	0.00	0.00	0.00	0.55	1.27	0.59	0.26	0.00	0.00	0.00	0.00	0.76	1.61
4585	0.52	0.28	0.00	0.00	0.00	0.00	0.61	1.41	0.65	0.28	0.00	0.00	0.00	0.00	0.84	1.77
4590	0.09	0.05	0.00	0.00	0.00	0.00	0.11	0.25	0.11	0.05	0.00	0.00	0.00	0.00	0.15	0.31
4595	0.45	0.24	0.00	0.00	0.00	0.00	0.53	1.22	0.57	0.25	0.00	0.00	0.00	0.00	0.74	1.56
4600	0.44	0.24	0.00	0.00	0.00	0.00	0.52	1.20	0.55	0.24	0.00	0.00	0.00	0.00	0.72	1.51
4605	0.61	0.33	0.00	0.00	0.00	0.00	0.72	1.66	0.77	0.33	0.00	0.00	0.00	0.00	1.00	2.10
4610	0.77	0.41	0.00	0.00	0.00	0.00	0.90	2.08	0.96	0.42	0.00	0.00	0.00	0.00	1.25	2.63
4615	0.06	0.03	0.00	0.00	0.00	0.00	0.07	0.16	0.08	0.03	0.00	0.00	0.00	0.00	0.10	0.21
4620	2.46	1.44	1.81	0.51	1.28	0.19	2.96	10.65	3.07	1.47	2.38	0.67	2.02	0.30	4.11	14.02
4630	0.50	0.27	0.00	0.00	0.00	0.00	0.58	1.35	0.62	0.27	0.00	0.00	0.00	0.00	0.81	1.70
4635	0.55	0.30	0.00	0.00	0.00	0.00	0.65	1.50	0.69	0.30	0.00	0.00	0.00	0.00	0.90	1.89
4640	0.09	0.05	0.00	0.00	0.00	0.00	0.11	0.25	0.11	0.05	0.00	0.00	0.00	0.00	0.15	0.31
4645	0.45	0.24	0.00	0.00	0.00	0.00	0.53	1.22	0.57	0.25	0.00	0.00	0.00	0.00	0.74	1.56
4650	0.51	0.27	0.00	0.00	0.00	0.00	0.60	1.38	0.64	0.28	0.00	0.00	0.00	0.00	0.83	1.75
4655	0.73	0.39	0.00	0.00	0.00	0.00	0.86	1.98	0.92	0.40	0.00	0.00	0.00	0.00	1.19	2.51
4660	0.94	0.50	0.00	0.00	0.00	0.00	1.10	2.54	1.18	0.51	0.00	0.00	0.00	0.00	1.53	3.22
4665	0.06	0.03	0.00	0.00	0.00	0.00	0.07	0.16	0.08	0.03	0.00	0.00	0.00	0.00	0.10	0.21
4670	3.15	1.86	2.71	0.76	1.78	0.27	3.80	14.33	3.94	1.90	3.57	1.00	2.82	0.42	5.28	18.93
4680	0.58	0.31	0.00	0.00	0.00	0.00	0.68	1.57	0.73	0.32	0.00	0.00	0.00	0.00	0.95	2.00
4685	0.76	0.40	0.00	0.00	0.00	0.00	0.89	2.05	0.94	0.41	0.00	0.00	0.00	0.00	1.23	2.58
4690	0.09	0.05	0.00	0.00	0.00	0.00	0.11	0.25	0.11	0.05	0.00	0.00	0.00	0.00	0.15	0.31
4695	0.45	0.24	0.00	0.00	0.00	0.00	0.53	1.22	0.57	0.25	0.00	0.00	0.00	0.00	0.74	1.56
4700	0.66	0.35	0.00	0.00	0.00	0.00	0.78	1.79	0.83	0.36	0.00	0.00	0.00	0.00	1.08	2.27
4705	0.85	0.45	0.00	0.00	0.00	0.00	0.99	2.29	1.06	0.46	0.00	0.00	0.00	0.00	1.38	2.90

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
4710	1.31	0.70	0.00	0.00	0.00	0.00	1.53	3.54	1.63	0.71	0.00	0.00	0.00	0.00	2.13	4.47
4715	0.06	0.03	0.00	0.00	0.00	0.00	0.07	0.16	0.08	0.03	0.00	0.00	0.00	0.00	0.10	0.21
4720	5.73	3.27	4.13	1.16	2.08	0.31	6.84	23.52	7.17	3.35	5.44	1.52	3.27	0.49	9.51	30.75
4730	0.84	0.45	0.00	0.00	0.00	0.00	0.99	2.28	1.05	0.46	0.00	0.00	0.00	0.00	1.37	2.88
4735	0.09	0.05	0.00	0.00	0.00	0.00	0.11	0.25	0.11	0.05	0.00	0.00	0.00	0.00	0.15	0.31
4740	0.48	0.26	0.00	0.00	0.00	0.00	0.56	1.30	0.60	0.26	0.00	0.00	0.00	0.00	0.78	1.64
4745	0.78	0.42	0.00	0.00	0.00	0.00	0.92	2.12	0.98	0.43	0.00	0.00	0.00	0.00	1.27	2.68
4750	1.15	0.61	0.00	0.00	0.00	0.00	1.35	3.11	1.44	0.63	0.00	0.00	0.00	0.00	1.87	3.94
4755	1.62	0.86	0.00	0.00	0.00	0.00	1.89	4.37	2.02	0.88	0.00	0.00	0.00	0.00	2.63	5.53
4760	0.06	0.03	0.00	0.00	0.00	0.00	0.07	0.16	0.08	0.03	0.00	0.00	0.00	0.00	0.10	0.21
4765	9.71	5.68	4.04	1.13	5.13	0.77	11.67	38.13	12.14	5.81	5.31	1.49	8.13	1.22	16.21	50.31
4770	10.89	6.32	5.98	1.67	5.23	0.78	13.06	43.93	13.61	6.46	7.86	2.20	8.30	1.24	18.14	57.81
4775	10.97	6.53	5.98	1.67	7.23	1.09	13.25	46.72	13.72	6.68	7.86	2.20	11.55	1.73	18.40	62.14
4780	12.63	7.52	9.37	2.62	8.55	1.28	15.25	57.22	15.78	7.69	12.32	3.45	13.69	2.05	21.18	76.16
4785	12.23	7.03	5.98	1.67	5.13	0.77	14.62	47.43	15.28	7.19	7.86	2.20	8.13	1.22	20.31	62.19
4790	12.96	7.42	5.98	1.67	5.23	0.78	15.48	49.52	16.20	7.59	7.86	2.20	8.30	1.24	21.50	64.89
4795	14.53	8.43	9.37	2.62	7.23	1.09	17.42	60.69	18.16	8.62	12.32	3.45	11.55	1.73	24.19	80.02
4800	16.01	9.32	9.37	2.62	8.55	1.28	19.21	66.36	20.01	9.53	12.32	3.45	13.69	2.05	26.68	87.73
4810	1.02	0.54	0.00	0.00	0.00	0.00	1.19	2.75	1.27	0.56	0.00	0.00	0.00	0.00	1.66	3.49
4815	1.34	0.71	0.00	0.00	0.00	0.00	1.57	3.62	1.67	0.73	0.00	0.00	0.00	0.00	2.18	4.58
4820	1.53	0.82	0.00	0.00	0.00	0.00	1.80	4.15	1.91	0.84	0.00	0.00	0.00	0.00	2.49	5.24
4825	1.54	0.82	0.00	0.00	0.00	0.00	1.80	4.16	1.92	0.84	0.00	0.00	0.00	0.00	2.50	5.26
4835	3.16	1.51	1.36	0.52	0.00	0.00	4.70	11.25	3.94	1.55	1.79	0.68	0.00	0.00	6.11	14.07
4840	3.95	1.89	1.85	0.70	0.00	0.00	5.88	14.27	4.93	1.94	2.43	0.92	0.00	0.00	7.64	17.86
4845	5.31	2.55	2.72	1.03	0.00	0.00	7.91	19.52	6.64	2.61	3.58	1.36	0.00	0.00	10.28	24.47
4850	7.21	3.46	3.66	1.39	0.00	0.00	10.74	26.46	9.02	3.55	4.82	1.83	0.00	0.00	13.97	33.19
4855	8.53	4.10	4.88	1.85	0.00	0.00	12.71	32.07	10.67	4.20	6.43	2.44	0.00	0.00	16.52	40.26
4865	3.54	1.70	2.27	0.86	0.00	0.00	5.27	13.64	4.43	1.74	2.98	1.13	0.00	0.00	6.85	17.13
4870	6.31	3.03	2.79	1.06	0.00	0.00	9.39	22.58	7.89	3.10	3.67	1.40	0.00	0.00	12.21	28.27
4875	7.88	3.78	3.83	1.46	0.00	0.00	11.73	28.68	9.85	3.88	5.05	1.92	0.00	0.00	15.25	35.95
4880	10.37	4.98	5.23	1.99	0.00	0.00	15.45	38.02	12.97	5.11	6.88	2.62	0.00	0.00	20.09	47.67
4885	15.38	7.38	7.32	2.78	0.00	0.00	22.90	55.76	19.22	7.57	9.64	3.66	0.00	0.00	29.77	69.86
4895	3.33	1.60	2.20	0.83	0.00	0.00	4.96	12.92	4.16	1.64	2.89	1.10	0.00	0.00	6.45	16.24
4900	3.93	1.89	2.72	1.03	0.00	0.00	5.86	15.43	4.92	1.94	3.58	1.36	0.00	0.00	7.62	19.42
4905	4.75	2.28	3.03	1.15	0.00	0.00	7.08	18.29	5.94	2.34	3.99	1.52	0.00	0.00	9.20	22.99
4910	6.12	2.94	4.25	1.62	0.00	0.00	9.11	24.04	7.65	3.01	5.60	2.13	0.00	0.00	11.85	30.24
4915	7.96	3.82	5.23	1.99	0.00	0.00	11.85	30.85	9.95	3.92	6.88	2.62	0.00	0.00	15.41	38.78
4920	11.43	5.49	7.77	2.95	0.00	0.00	17.02	44.66	14.29	5.63	10.24	3.89	0.00	0.00	22.13	56.18
4930	4.09	1.96	2.27	0.86	0.00	0.00	6.09	15.27	5.11	2.01	2.98	1.13	0.00	0.00	7.91	19.14
4935	4.89	2.35	2.72	1.03	0.00	0.00	7.29	18.28	6.12	2.41	3.58	1.36	0.00	0.00	9.47	22.94
4940	7.80	3.74	4.53	1.72	0.00	0.00	11.62	29.41	9.75	3.84	5.97	2.27	0.00	0.00	15.10	36.93
4945	11.30	5.43	6.62	2.52	0.00	0.00	16.83	42.70	14.13	5.56	8.72	3.31	0.00	0.00	21.88	53.60
4955	3.03	1.46	1.46	0.56	0.00	0.00	4.52	11.03	3.79	1.49	1.93	0.73	0.00	0.00	5.87	13.81
4960	4.02	1.93	2.33	0.89	0.00	0.00	5.98	15.15	5.02	1.98	3.08	1.17	0.00	0.00	7.77	19.02
4965	4.96	2.38	2.72	1.03	0.00	0.00	7.38	18.47	6.19	2.44	3.58	1.36	0.00	0.00	9.59	23.16
4975	3.57	1.71	2.30	0.87	0.00	0.00	5.31	13.76	4.46	1.76	3.03	1.15	0.00	0.00	6.91	17.31
4980	4.93	2.36	3.14	1.19	0.00	0.00	7.34	18.96	6.16	2.42	4.13	1.57	0.00	0.00	9.54	23.82
4985	6.38	3.06	3.83	1.46	0.00	0.00	9.50	24.23	7.98	3.14	5.05	1.92	0.00	0.00	12.36	30.45
4990	7.80	3.74	4.70	1.79	0.00	0.00	11.61	29.64	9.75	3.84	6.20	2.35	0.00	0.00	15.10	37.24
4995	11.19	5.37	6.97	2.65	0.00	0.00	16.67	42.85	13.99	5.51	9.18	3.49	0.00	0.00	21.67	53.84
5000	22.39	10.75	12.20	4.64	0.00	0.00	33.34	83.32	27.98	11.02	16.06	6.10	0.00	0.00	43.34	104.50
5010	0.58	0.32	1.10	0.35	0.09	0.01	0.54	2.99	0.73	0.33	1.43	0.46	0.17	0.03	0.73	3.88
5015	0.68	0.38	0.42	0.18	0.09	0.01	0.64	2.40	0.85	0.39	0.55	0.23	0.17	0.03	0.85	3.07
5020	0.84	0.46	1.58	0.51	0.08	0.01	0.78	4.26	1.05	0.47	2.06	0.66	0.15	0.02	1.05	5.46
5025	0.94	0.52	0.71	0.30	0.08	0.01	0.88	3.44	1.18	0.53	0.93	0.39	0.15	0.02	1.17	4.37

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
5030	1.11	0.61	0.90	0.38	0.09	0.01	1.03	4.13	1.39	0.62	1.19	0.50	0.18	0.03	1.38	5.29
5035	1.03	0.57	2.20	0.70	0.09	0.01	0.96	5.56	1.29	0.58	2.86	0.92	0.18	0.03	1.28	7.14
5040	1.19	0.65	2.33	0.75	0.09	0.01	1.11	6.13	1.49	0.67	3.04	0.97	0.18	0.03	1.48	7.86
5045	1.28	0.70	1.16	0.49	0.09	0.01	1.19	4.92	1.60	0.71	1.53	0.64	0.18	0.03	1.59	6.28
5050	1.61	0.90	1.74	0.73	0.27	0.04	1.50	6.79	2.01	0.92	2.29	0.96	0.51	0.08	2.01	8.78
5055	2.84	1.65	2.52	1.06	0.97	0.14	2.68	11.86	3.55	1.69	3.31	1.39	1.84	0.28	3.59	15.65
5065	3.28	1.80	1.78	0.75	0.31	0.05	3.05	11.02	4.10	1.84	2.34	0.98	0.60	0.09	4.09	14.04
5070	4.26	2.37	2.68	1.13	0.65	0.10	3.98	15.17	5.33	2.43	3.53	1.48	1.24	0.19	5.33	19.53
5075	5.54	3.06	3.33	1.40	0.68	0.10	5.16	19.27	6.92	3.13	4.38	1.84	1.30	0.19	6.91	24.67
5080	5.73	3.21	3.55	1.49	1.00	0.15	5.36	20.49	7.16	3.28	4.67	1.96	1.90	0.28	7.18	26.43
5085	7.12	3.95	4.26	1.79	1.00	0.15	6.65	24.92	8.90	4.04	5.61	2.36	1.90	0.28	8.90	31.99
5090	9.92	5.42	5.98	2.51	0.75	0.11	9.22	33.91	12.40	5.54	7.86	3.30	1.42	0.21	12.35	43.08
5100	3.66	2.06	2.10	0.88	0.73	0.11	3.43	12.97	4.57	2.11	2.76	1.16	1.40	0.21	4.59	16.80
5105	4.76	2.65	2.58	1.09	0.74	0.11	4.45	16.38	5.95	2.71	3.40	1.43	1.42	0.21	5.96	21.08
5110	5.40	3.03	3.23	1.36	1.00	0.15	5.06	19.23	6.75	3.10	4.25	1.78	1.90	0.28	6.77	24.83
5115	8.91	4.88	5.01	2.10	0.75	0.11	8.29	30.05	11.14	4.99	6.59	2.77	1.42	0.21	11.10	38.22
5120	11.67	6.62	6.46	2.71	2.65	0.40	10.96	41.47	14.59	6.77	8.50	3.57	5.06	0.76	14.68	53.93
5125	14.82	8.21	8.72	2.62	4.81	0.72	12.13	52.03	17.79	8.36	11.47	3.44	9.19	1.38	15.60	67.23
5130	20.75	11.90	12.11	3.63	7.52	1.13	17.09	74.13	24.91	12.12	15.94	4.78	14.35	2.15	21.97	96.22
5135	41.31	24.19	22.29	6.69	18.38	2.76	34.14	149.76	49.57	24.64	29.32	8.80	35.09	5.26	43.89	196.57
5145	4.13	2.31	2.65	1.11	0.73	0.11	3.86	14.90	5.16	2.37	3.48	1.46	1.40	0.21	5.17	19.25
5150	4.87	2.71	3.46	1.45	0.74	0.11	4.55	17.89	6.08	2.77	4.55	1.91	1.42	0.21	6.09	23.03
5155	5.65	3.16	3.91	1.64	1.00	0.15	5.28	20.79	7.06	3.23	5.14	2.16	1.90	0.28	7.08	26.85
5160	8.14	4.62	4.97	2.09	1.91	0.29	7.64	29.66	10.17	4.72	6.54	2.75	3.65	0.55	10.23	38.61
5165	10.83	6.22	6.78	2.85	3.05	0.46	10.20	40.39	13.54	6.36	8.92	3.75	5.82	0.87	13.66	52.92
5170	14.07	7.81	8.82	2.65	4.81	0.72	11.52	50.40	16.88	7.96	11.60	3.48	9.19	1.38	14.81	65.30
5175	19.92	11.21	11.63	3.49	5.82	0.87	16.35	69.29	23.90	11.41	15.30	4.59	11.11	1.67	21.02	89.00
5180	36.61	21.15	19.77	5.93	14.36	2.15	30.18	130.15	43.93	21.54	26.01	7.80	27.42	4.11	38.81	169.62
5190	3.79	2.12	2.58	1.09	0.68	0.10	3.54	13.90	4.73	2.17	3.40	1.43	1.30	0.19	4.75	17.97
5195	4.85	2.69	3.29	1.38	0.68	0.10	4.53	17.52	6.06	2.75	4.33	1.82	1.30	0.19	6.06	22.51
5200	5.27	2.96	3.88	1.63	1.00	0.15	4.94	19.83	6.59	3.03	5.10	2.14	1.90	0.28	6.61	25.65
5205	7.30	4.18	5.01	2.10	2.01	0.30	6.87	27.77	9.12	4.28	6.59	2.77	3.83	0.57	9.20	36.36
5210	11.57	6.61	6.94	2.92	3.05	0.46	10.89	42.44	14.46	6.76	9.14	3.84	5.82	0.87	14.58	55.47
5215	16.10	9.22	10.82	3.25	5.82	0.87	13.25	59.33	19.32	9.40	14.24	4.27	11.11	1.67	17.04	77.05
5225	1.70	0.97	1.55	0.65	0.42	0.06	1.60	6.95	2.13	0.99	2.04	0.86	0.79	0.12	2.14	9.07
5230	2.11	1.19	1.78	0.75	0.43	0.06	1.98	8.30	2.63	1.22	2.34	0.98	0.81	0.12	2.65	10.75
5235	4.38	2.45	2.84	1.19	0.73	0.11	4.10	15.80	5.47	2.50	3.74	1.57	1.40	0.21	5.48	20.37
5240	5.24	2.95	3.46	1.45	1.00	0.15	4.91	19.16	6.55	3.01	4.55	1.91	1.90	0.28	6.58	24.78
5245	7.65	4.21	4.39	1.84	0.75	0.11	7.13	26.08	9.57	4.30	5.78	2.43	1.42	0.21	9.54	33.25
5255	3.34	1.99	2.58	1.09	1.50	0.22	3.18	13.90	4.17	2.04	3.40	1.43	2.86	0.43	4.26	18.59
5260	4.34	2.46	3.23	1.36	1.00	0.15	4.07	16.61	5.42	2.51	4.25	1.78	1.90	0.28	5.45	21.59
5265	5.15	2.90	3.88	1.63	1.05	0.16	4.82	19.59	6.43	2.97	5.10	2.14	2.01	0.30	6.46	25.41
5270	7.76	4.26	5.01	2.10	0.75	0.11	7.22	27.21	9.70	4.36	6.59	2.77	1.42	0.21	9.68	34.73
5275	10.39	5.96	6.10	2.56	2.90	0.44	9.79	38.14	12.99	6.10	8.03	3.37	5.55	0.83	13.11	49.98
5280	14.32	8.32	6.75	2.84	4.81	0.72	13.54	51.30	17.90	8.51	8.88	3.73	9.19	1.38	18.13	67.72
5285	20.06	11.28	13.40	4.02	5.82	0.87	16.46	71.91	24.07	11.49	17.64	5.29	11.11	1.67	21.16	92.43
5290	38.61	21.74	19.06	5.72	11.41	1.71	31.69	129.94	46.33	22.15	25.07	7.52	21.78	3.27	40.75	166.87
5300	1.63	0.92	1.39	0.58	0.25	0.04	1.53	6.34	2.04	0.94	1.83	0.77	0.47	0.07	2.05	8.17
5305	4.40	2.46	2.75	1.15	0.73	0.11	4.11	15.71	5.50	2.51	3.61	1.52	1.40	0.21	5.51	20.26
5310	5.40	2.98	3.39	1.42	0.59	0.09	5.03	18.90	6.75	3.04	4.46	1.87	1.13	0.17	6.74	24.16
5315	7.62	4.29	4.68	1.97	1.50	0.22	7.14	27.42	9.52	4.38	6.16	2.59	2.86	0.43	9.56	35.50
5320	13.02	7.27	8.40	2.52	4.81	0.72	10.67	47.41	15.62	7.40	11.05	3.31	9.19	1.38	13.72	61.67
5330	4.38	2.48	3.36	1.41	1.00	0.15	4.11	16.89	5.48	2.54	4.42	1.86	1.90	0.28	5.51	21.99
5335	6.41	3.54	5.10	2.14	0.75	0.11	5.98	24.03	8.01	3.62	6.71	2.82	1.42	0.21	8.00	30.79
5340	8.03	4.65	6.04	2.54	2.53	0.38	7.58	31.75	10.04	4.75	7.95	3.34	4.82	0.72	10.15	41.77

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
5345	11.41	6.46	9.85	2.96	5.02	0.75	9.37	45.82	13.69	6.58	12.96	3.89	9.58	1.44	12.05	60.19
5355	4.52	2.56	3.33	1.40	1.00	0.15	4.24	17.20	5.65	2.62	4.38	1.84	1.90	0.28	5.68	22.35
5360	5.23	2.94	3.65	1.53	1.00	0.15	4.90	19.40	6.54	3.01	4.80	2.02	1.90	0.28	6.57	25.12
5365	7.56	4.15	4.65	1.95	0.75	0.11	7.03	26.20	9.44	4.25	6.12	2.57	1.42	0.21	9.42	33.43
5370	9.79	5.60	6.78	2.85	2.59	0.39	9.21	37.21	12.24	5.72	8.92	3.75	4.95	0.74	12.34	48.66
5375	14.04	7.80	9.92	2.97	4.81	0.72	11.50	51.76	16.85	7.94	13.05	3.91	9.19	1.38	14.78	67.10
5380	20.36	11.44	12.53	3.76	5.82	0.87	16.71	71.49	24.43	11.65	16.49	4.95	11.11	1.67	21.48	91.78
5390	4.74	2.64	2.75	1.15	0.74	0.11	4.43	16.56	5.93	2.70	3.61	1.52	1.42	0.21	5.94	21.33
5395	5.40	3.03	8.03	2.57	1.00	0.15	5.06	25.24	6.75	3.10	10.46	3.35	1.90	0.28	6.77	32.61
5400	7.88	4.33	4.81	2.02	0.75	0.11	7.34	27.24	9.85	4.43	6.33	2.66	1.42	0.21	9.83	34.73
5405	9.37	5.36	5.88	2.47	2.53	0.38	8.82	34.81	11.71	5.49	7.73	3.25	4.82	0.72	11.81	45.53
5410	10.12	5.83	6.56	2.75	3.05	0.46	9.54	38.31	12.65	5.97	8.63	3.62	5.82	0.87	12.78	50.34
5415	14.02	7.90	9.21	2.76	5.90	0.88	11.51	52.18	16.82	8.05	12.11	3.63	11.26	1.69	14.80	68.36
5420	18.41	10.42	12.92	3.88	5.82	0.87	15.13	67.45	22.09	10.62	17.00	5.10	11.11	1.67	19.45	87.04
5430	2.86	1.57	1.52	0.49	0.21	0.03	3.04	9.72	3.57	1.61	2.00	0.64	0.30	0.04	4.04	12.20
5435	3.35	1.83	1.78	0.57	0.21	0.03	3.56	11.33	4.18	1.87	2.34	0.75	0.30	0.04	4.73	14.21
5440	5.15	2.83	2.58	0.83	0.38	0.06	5.48	17.31	6.44	2.89	3.40	1.09	0.53	0.08	7.28	21.71
5445	6.11	3.34	3.59	1.15	0.37	0.05	6.49	21.10	7.64	3.42	4.72	1.51	0.51	0.08	8.62	26.50
5455	3.29	1.86	2.00	0.64	0.59	0.09	3.53	12.00	4.11	1.90	2.63	0.84	0.83	0.13	4.69	15.13
5460	4.84	2.69	2.58	0.83	0.55	0.08	5.17	16.74	6.05	2.75	3.40	1.09	0.77	0.12	6.86	21.04
5465	5.40	2.97	3.23	1.03	0.42	0.06	5.75	18.86	6.75	3.04	4.25	1.36	0.59	0.09	7.64	23.72
5475	4.30	2.07	1.36	0.52	0.00	0.00	6.41	14.66	5.38	2.12	1.79	0.68	0.00	0.00	8.33	18.30
5480	5.12	2.46	1.85	0.70	0.00	0.00	7.63	17.76	6.40	2.52	2.43	0.92	0.00	0.00	9.92	22.19
5490	4.53	2.17	2.27	0.86	0.00	0.00	6.74	16.57	5.66	2.23	2.98	1.13	0.00	0.00	8.77	20.77
5500	0.56	0.21	0.00	0.49	0.00	0.00	0.71	1.97								
5505	1.17	0.44	0.00	1.02	0.00	0.00	1.48	4.11								
5510	2.27	0.85	0.00	1.93	0.00	0.00	2.86	7.91								
5515	0.59	0.22	0.00	0.25	0.00	0.00	0.74	1.80								
5520	0.92	0.35	0.00	0.35	0.00	0.00	1.17	2.79								
5530	1.61	0.60	0.00	0.25	0.00	0.00	2.03	4.49								
5535	2.43	0.91	0.00	0.33	0.00	0.00	3.06	6.73								
5545	2.07	0.78	0.00	0.27	0.00	0.00	2.61	5.73								
5550	2.71	1.01	0.00	0.48	0.00	0.00	3.41	7.61								
5555	3.19	1.19	0.00	0.77	0.00	0.00	4.02	9.17								
5565	4.07	1.52	0.00	0.06	0.00	0.00	5.13	10.78								
5570	4.55	1.70	0.00	0.06	0.00	0.00	5.73	12.04								
5575	7.47	2.80	0.00	0.06	0.00	0.00	9.42	19.75								
5580	7.94	2.97	0.00	0.06	0.00	0.00	10.01	20.98								
5590	4.15	1.56	0.00	0.42	0.00	0.00	5.24	11.37								
5595	4.76	1.78	0.00	0.48	0.00	0.00	6.00	13.02								
5600	5.48	2.05	0.00	0.58	0.00	0.00	6.91	15.02								
5605	6.00	2.25	0.00	0.72	0.00	0.00	7.57	16.54								
5610	6.74	2.52	0.00	0.62	0.00	0.00	8.49	18.37								
5615	8.04	3.01	0.00	0.92	0.00	0.00	10.14	22.11								
5620	9.53	3.57	0.00	0.92	0.00	0.00	12.01	26.03								
5625	12.62	4.73	0.00	1.12	0.00	0.00	15.91	34.38								
5630	18.63	6.97	0.00	1.23	0.00	0.00	23.49	50.32								
5640	3.26	1.22	0.00	0.48	0.00	0.00	4.11	9.07								
5645	3.70	1.38	0.00	0.63	0.00	0.00	4.66	10.37								
5650	4.93	1.85	0.00	0.63	0.00	0.00	6.22	13.63								
5655	1.24	0.46	0.00	0.25	0.00	0.00	1.56	3.51								
5660	1.57	0.59	0.00	0.33	0.00	0.00	1.97	4.46								
5665	1.96	0.73	0.00	0.42	0.00	0.00	2.47	5.58								
5675	5.29	1.98	0.00	0.65	0.00	0.00	6.66	14.58								
5680	6.05	2.27	0.00	0.77	0.00	0.00	7.63	16.72								

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
5685	6.50	2.43	0.00	0.92	0.00	0.00	8.19	18.04								
5690	7.96	2.98	0.00	1.07	0.00	0.00	10.04	22.05								
5695	9.86	3.69	0.00	1.12	0.00	0.00	12.43	27.10								
5700	14.28	5.34	0.00	1.33	0.00	0.00	18.00	38.95								
5710	7.13	2.67	1.91	0.61	0.00	0.00	8.99	21.31								
5715	13.39	5.01	5.04	1.61	0.00	0.00	16.89	41.94								
5720	19.67	7.36	9.53	3.05	0.00	0.00	24.80	64.41								
5725	21.19	7.93	17.76	5.68	0.00	0.00	26.72	79.28								
5730	26.77	10.02	20.99	6.72	0.00	0.00	33.75	98.25								
5740	6.15	4.74	1.87	0.75	0.00	0.00	6.80	20.31	7.38	4.80	2.41	0.96	0.00	0.00	9.25	24.80
5745	9.84	7.59	3.57	1.43	0.00	0.00	10.89	33.32	11.81	7.68	4.59	1.84	0.00	0.00	14.81	40.73
5750	11.26	8.68	3.57	1.43	0.00	0.00	12.46	37.40	13.52	8.79	4.59	1.84	0.00	0.00	16.94	45.68
5755	14.17	10.93	5.35	2.14	0.00	0.00	15.68	48.27	17.01	11.06	6.88	2.75	0.00	0.00	21.32	59.02
5760	19.78	15.25	7.32	2.93	0.00	0.00	21.88	67.16	23.74	15.44	9.41	3.76	0.00	0.00	29.75	82.10
5770	1.22	0.48	0.00	0.15	0.00	0.00	1.33	3.18								
5775	0.45	0.18	0.00	0.10	0.00	0.00	0.49	1.22								
5780	1.80	0.71	0.00	0.31	0.00	0.00	1.97	4.79								
5785	0.78	0.31	0.00	0.05	0.00	0.00	0.85	1.99								
5795	0.49	0.26	0.95	0.30	0.00	0.00	0.51	2.51								
5800	0.62	0.33	1.42	0.45	0.00	0.00	0.65	3.47								
5810	0.03	0.02	0.19	0.06	0.00	0.00	0.04	0.34								
5815	0.04	0.02	0.28	0.09	0.00	0.00	0.05	0.48								
5820	0.08	0.04	0.76	0.24	0.00	0.00	0.09	1.21								
5830	0.65	0.35	4.07	1.30	0.00	0.00	0.68	7.05								
5835	0.37	0.20	1.35	0.51	0.00	0.00	0.39	2.82								
5840	0.86	0.46	7.48	2.39	0.00	0.00	0.90	12.09								
5845	1.24	0.66	2.70	1.03	0.00	0.00	1.29	6.92								
5850	1.60	0.85	3.15	1.20	0.00	0.00	1.67	8.47								
5855	1.70	0.91	3.06	1.16	0.00	0.00	1.77	8.60								
5865	0.07	0.04	0.47	0.15	0.00	0.00	0.07	0.80								
5870	0.10	0.05	0.76	0.24	0.00	0.00	0.10	1.25								
5875	0.20	0.11	1.51	0.48	0.00	0.00	0.21	2.51								
5885	0.09	0.05	0.28	0.09	0.00	0.00	0.09	0.60								
5890	0.10	0.05	0.28	0.09	0.00	0.00	0.10	0.62								
5900	0.12	0.06	0.14	0.06	0.00	0.00	0.06	0.44								
5905	0.17	0.09	0.36	0.16	0.00	0.00	0.09	0.87								
5910	0.61	0.32	1.80	0.81	0.00	0.00	0.32	3.86								
5915	0.79	0.42	4.32	1.94	0.00	0.00	0.41	7.88								
5925	0.10	0.05	0.14	0.06	0.00	0.00	0.05	0.40								
5930	0.12	0.06	0.29	0.13	0.00	0.00	0.06	0.66								
5940	2.46	0.97	0.00	0.10	0.00	0.00	2.35	5.88	3.28	1.01	0.00	0.10	0.00	0.00	3.52	7.91
5945	0.19	0.08	0.00	0.00	0.00	0.00	0.18	0.45	0.26	0.08	0.00	0.00	0.00	0.00	0.28	0.62
5950	1.84	0.72	0.00	0.08	0.00	0.00	1.75	4.39	2.45	0.75	0.00	0.08	0.00	0.00	2.63	5.91
5955	0.08	0.03	0.00	0.00	0.00	0.00	0.08	0.19	0.11	0.03	0.00	0.00	0.00	0.00	0.12	0.26
5960	2.12	0.83	0.00	0.10	0.00	0.00	2.02	5.07	2.82	0.87	0.00	0.10	0.00	0.00	3.02	6.81
5965	0.19	0.08	0.00	0.00	0.00	0.00	0.18	0.45	0.25	0.08	0.00	0.00	0.00	0.00	0.27	0.60
5970	1.53	0.60	0.00	0.08	0.00	0.00	1.46	3.67	2.04	0.63	0.00	0.08	0.00	0.00	2.19	4.94
5975	0.12	0.05	0.00	0.00	0.00	0.00	0.12	0.29	0.16	0.05	0.00	0.00	0.00	0.00	0.17	0.38
5980	0.89	0.35	0.00	0.08	0.00	0.00	0.85	2.17	1.19	0.37	0.00	0.08	0.00	0.00	1.28	2.92
5985	0.05	0.02	0.00	0.00	0.00	0.00	0.05	0.12	0.06	0.02	0.00	0.00	0.00	0.00	0.07	0.15
5990	2.36	0.93	0.00	0.08	0.00	0.00	2.25	5.62	3.15	0.97	0.00	0.08	0.00	0.00	3.37	7.57
5995	0.19	0.08	0.00	0.00	0.00	0.00	0.18	0.45	0.25	0.08	0.00	0.00	0.00	0.00	0.27	0.60
6000	2.10	0.83	0.00	0.08	0.00	0.00	2.00	5.01	2.80	0.86	0.00	0.08	0.00	0.00	3.00	6.74
6005	0.26	0.10	0.00	0.00	0.00	0.00	0.25	0.61	0.34	0.11	0.00	0.00	0.00	0.00	0.37	0.82
6010	0.74	0.35	0.00	0.08	0.00	0.00	0.70	1.87	0.92	0.36	0.00	0.08	0.00	0.00	0.99	2.35

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
6020	4.84	1.91	0.00	0.22	0.00	0.00	4.61	11.58	6.46	1.98	0.00	0.22	0.00	0.00	6.92	15.58
6025	0.35	0.14	0.00	0.00	0.00	0.00	0.34	0.83	0.47	0.14	0.00	0.00	0.00	0.00	0.50	1.11
6030	5.15	2.03	0.00	0.21	0.00	0.00	4.91	12.30	6.87	2.11	0.00	0.21	0.00	0.00	7.36	16.55
6035	4.10	1.61	0.00	0.16	0.00	0.00	3.91	9.78	5.47	1.68	0.00	0.16	0.00	0.00	5.86	13.17
6040	0.32	0.12	0.00	0.00	0.00	0.00	0.30	0.74	0.42	0.13	0.00	0.00	0.00	0.00	0.45	1.00
6045	3.82	1.50	0.00	0.16	0.00	0.00	3.64	9.12	5.09	1.56	0.00	0.16	0.00	0.00	5.46	12.27
6050	2.76	1.09	0.00	0.10	0.00	0.00	2.63	6.58	3.69	1.13	0.00	0.10	0.00	0.00	3.95	8.87
6055	0.18	0.07	0.00	0.00	0.00	0.00	0.17	0.42	0.24	0.07	0.00	0.00	0.00	0.00	0.25	0.56
6060	2.69	1.06	0.00	0.10	0.00	0.00	2.56	6.41	3.58	1.10	0.00	0.10	0.00	0.00	3.84	8.62
6065	1.55	0.61	0.00	0.08	0.00	0.00	1.47	3.71	2.06	0.63	0.00	0.08	0.00	0.00	2.21	4.98
6070	0.09	0.04	0.00	0.00	0.00	0.00	0.09	0.22	0.12	0.04	0.00	0.00	0.00	0.00	0.13	0.29
6075	0.97	0.38	0.00	0.08	0.00	0.00	0.92	2.35	1.29	0.40	0.00	0.08	0.00	0.00	1.38	3.15
6080	0.05	0.02	0.00	0.00	0.00	0.00	0.04	0.11	0.06	0.02	0.00	0.00	0.00	0.00	0.07	0.15
6085	0.60	0.24	0.00	0.08	0.00	0.00	0.57	1.49	0.80	0.24	0.00	0.08	0.00	0.00	0.85	1.97
6090	0.03	0.01	0.00	0.00	0.00	0.00	0.02	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.04	0.08
6095	0.26	0.10	0.00	0.08	0.00	0.00	0.25	0.69	0.35	0.11	0.00	0.08	0.00	0.00	0.38	0.92
6100	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
6110	5.40	2.12	0.00	0.28	0.00	0.00	5.14	12.94	7.20	2.21	0.00	0.28	0.00	0.00	7.72	17.41
6115	4.20	1.65	0.00	0.20	0.00	0.00	4.00	10.05	5.59	1.72	0.00	0.20	0.00	0.00	6.00	13.51
6120	3.14	1.24	0.00	0.10	0.00	0.00	2.99	7.47	4.19	1.29	0.00	0.10	0.00	0.00	4.49	10.07
6125	1.86	0.73	0.00	0.09	0.00	0.00	1.78	4.46	2.48	0.76	0.00	0.09	0.00	0.00	2.66	5.99
6135	2.85	1.45	2.75	0.66	0.26	0.04	2.91	10.92								
6140	3.17	1.60	2.75	0.66	0.26	0.04	3.23	11.71								
6145	3.67	1.85	2.75	0.66	0.32	0.05	3.74	13.04								
6150	5.82	2.98	4.04	0.97	0.67	0.10	5.95	20.53								
6160	2.48	1.26	2.45	0.59	0.26	0.04	2.53	9.61								
6165	2.68	1.36	2.45	0.59	0.26	0.04	2.73	10.11								
6170	2.74	1.39	2.52	0.60	0.26	0.04	2.80	10.35								
6175	2.62	1.34	7.34	1.76	0.32	0.05	2.67	16.10								
6180	2.93	1.49	2.45	0.59	0.32	0.05	2.99	10.82								
6185	2.72	1.40	7.34	1.76	0.37	0.06	2.78	16.43								
6190	3.03	1.55	2.45	0.59	0.37	0.06	3.10	11.15								
6195	6.64	3.40	3.78	0.91	0.79	0.12	6.79	22.43								
6205	2.71	1.38	2.20	0.53	0.26	0.04	2.77	9.89								
6210	3.40	1.71	2.20	0.53	0.23	0.03	3.46	11.56								
6215	6.93	3.52	4.20	1.01	0.70	0.10	7.07	23.53								
6220	7.92	4.25	4.20	1.01	1.98	0.30	8.17	27.83								
6230	3.48	2.34	0.00	0.19	1.88	0.28	3.81	11.98								
6235	4.92	2.76	0.00	0.21	1.47	0.22	5.13	14.71								
6245	4.56	2.84	0.00	0.35	1.79	0.27	4.88	14.69								
6250	4.78	3.14	0.00	0.40	2.37	0.36	5.19	16.24								
6255	7.17	4.31	0.00	0.60	2.37	0.36	7.61	22.42								
6265	0.57	0.35	0.00	0.05	0.30	0.05	0.61	1.93								
6275	1.02	0.50	0.00	0.13	0.00	0.00	1.03	2.68								
6280	1.29	0.63	0.00	0.13	0.00	0.00	1.31	3.36								
6285	1.33	0.65	0.00	0.13	0.00	0.00	1.35	3.46								
6290	2.00	0.98	0.00	0.13	0.00	0.00	2.02	5.13								
6295	3.05	1.49	0.00	0.13	0.00	0.00	3.09	7.76								
6300	4.62	2.26	0.00	0.13	0.00	0.00	4.67	11.68								
6305	3.02	1.48	0.00	0.14	0.00	0.00	3.05	7.69								
6310	3.52	1.72	0.00	0.13	0.00	0.00	3.56	8.93								
6315	5.43	2.66	0.00	0.13	0.00	0.00	5.50	13.72								
6325	0.45	0.22	0.00	0.14	0.00	0.00	0.45	1.26								
6330	0.91	0.44	0.00	0.14	0.00	0.00	0.92	2.41								
6340	11.67	5.71	6.78	1.63	0.00	0.00	11.80	37.59								

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
6345	17.65	8.63	10.01	2.40	0.00	0.00	17.85	56.54								
6350	18.66	9.12	10.01	2.40	0.00	0.00	18.87	59.06								
6360	19.13	9.35	10.66	2.56	0.00	0.00	19.35	61.05								
6370	1.99	0.97	1.68	0.40	0.00	0.00	2.01	7.05								
6375	2.38	1.16	1.68	0.40	0.00	0.00	2.40	8.02								
6380	3.63	1.77	2.75	0.66	0.00	0.00	3.67	12.48								
6385	3.80	1.86	2.75	0.66	0.00	0.00	3.84	12.91								
6390	3.96	1.94	2.75	0.66	0.00	0.00	4.01	13.32								
6395	4.13	2.02	2.75	0.66	0.00	0.00	4.18	13.74								
6405	3.97	1.94	7.34	1.76	0.00	0.00	4.02	19.03								
6410	4.26	2.08	2.75	0.66	0.00	0.00	4.31	14.06								
6415	4.21	2.06	7.34	1.76	0.00	0.00	4.26	19.63								
6420	4.50	2.20	2.75	0.66	0.00	0.00	4.55	14.66								
6425	1.95	0.95	3.71	0.89	0.00	0.00	1.97	9.47								
6430	2.65	1.29	7.34	1.76	0.00	0.00	2.68	15.72								
6435	2.93	1.43	2.75	0.66	0.00	0.00	2.97	10.74								
6440	3.21	1.57	7.34	1.76	0.00	0.00	3.25	17.13								
6445	3.50	1.71	2.75	0.66	0.00	0.00	3.54	12.16								
6450	3.47	1.69	7.34	1.76	0.00	0.00	3.51	17.77								
6455	3.75	1.84	2.75	0.66	0.00	0.00	3.80	12.80								
6465	1.22	0.49	1.70	0.55	0.00	0.00	1.54	5.50								
6470	1.49	0.60	1.70	0.55	0.00	0.00	1.89	6.23								
6475	3.58	1.43	1.94	0.62	0.00	0.00	4.52	12.09								
6480	3.47	1.39	1.94	0.62	0.00	0.00	4.39	11.81								
6485	4.86	1.95	4.28	1.37	0.00	0.00	6.14	18.60								
6490	5.12	2.05	4.28	1.37	0.00	0.00	6.47	19.29								
6500	3.41	1.37	2.21	0.71	0.00	0.00	4.31	12.01								
6505	3.71	1.49	2.21	0.71	0.00	0.00	4.69	12.81								
6510	5.97	2.39	3.47	1.11	0.00	0.00	7.55	20.49								
6515	6.51	2.61	3.47	1.11	0.00	0.00	8.24	21.94								
6525	2.95	1.18	1.76	0.56	0.00	0.00	3.73	10.18								
6530	3.49	1.40	1.76	0.56	0.00	0.00	4.41	11.62								
6540	1.76	0.71	1.35	0.43	0.00	0.00	2.23	6.48								
6545	1.60	0.64	1.35	0.43	0.00	0.00	2.02	6.04								
6555	7.41	2.97	3.38	1.08	0.00	0.00	9.38	24.22								
6560	5.65	2.27	2.25	0.72	0.00	0.00	7.14	18.03								
6575	5.61	2.28	3.29	1.05	0.15	0.02	7.11	19.51								
6580	6.26	2.62	3.83	1.23	0.62	0.09	7.99	22.64								
6585	7.25	2.93	3.83	1.23	0.14	0.02	9.18	24.58								
6590	8.27	3.41	5.63	1.80	0.55	0.08	10.52	30.26								
6595	7.60	3.13	5.63	1.80	0.48	0.07	9.66	28.37								
6600	8.04	3.31	5.63	1.80	0.48	0.07	10.23	29.56								
6605	9.20	3.77	5.63	1.80	0.48	0.07	11.69	32.64								
6610	8.45	3.47	5.63	1.80	0.48	0.07	10.75	30.65								
6615	9.17	3.76	5.63	1.80	0.48	0.07	11.65	32.56								
6625	8.00	3.21	5.63	1.80	0.00	0.00	10.12	28.76								
6630	6.39	2.65	3.83	1.23	0.48	0.07	8.14	22.79								
6635	6.79	2.81	5.41	1.73	0.48	0.07	8.65	25.54								
6640	7.75	3.19	5.41	1.73	0.48	0.07	9.86	28.49								
6650	8.27	3.40	5.18	1.66	0.48	0.07	10.51	29.57								
6655	12.25	5.04	9.15	2.93	0.75	0.11	15.58	45.82								
6665	5.39	2.17	3.15	1.01	0.08	0.01	6.82	18.63								
6670	5.34	2.17	3.15	1.01	0.16	0.02	6.78	18.63								
6675	7.16	2.89	3.60	1.15	0.13	0.02	9.07	24.02								
6680	6.00	2.43	3.60	1.15	0.16	0.02	7.60	20.96								

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
6685	5.67	2.38	3.15	1.01	0.62	0.09	7.24	20.16								
6690	7.98	3.27	3.96	1.27	0.40	0.06	10.13	27.07								
6695	8.81	3.60	5.36	1.72	0.42	0.06	11.18	31.15								
6700	7.35	3.03	5.63	1.80	0.48	0.07	9.36	27.72								
6705	10.36	4.25	5.36	1.72	0.55	0.08	13.16	35.48								
6710	8.98	3.70	5.36	1.72	0.55	0.08	11.41	31.80								
6715	7.98	3.33	5.63	1.80	0.70	0.11	10.18	29.73								
6725	5.54	2.33	3.06	0.98	0.62	0.09	7.08	19.70								
6730	5.02	2.04	3.06	0.98	0.15	0.02	6.37	17.64								
6735	6.12	2.48	3.60	1.15	0.15	0.02	7.75	21.27								
6740	6.52	2.72	3.38	1.08	0.62	0.09	8.31	22.72								
6745	6.74	2.73	3.60	1.15	0.15	0.02	8.54	22.93								
6750	8.67	3.56	4.96	1.59	0.48	0.07	11.02	30.35								
6755	7.17	2.96	4.82	1.54	0.48	0.07	9.13	26.17								
6760	7.77	3.20	4.82	1.54	0.48	0.07	9.88	27.76								
6765	9.97	4.08	4.96	1.59	0.48	0.07	12.67	33.82								
6775	1.05	0.42	0.72	0.23	0.00	0.00	1.32	3.74								
6780	2.76	1.11	1.53	0.49	0.00	0.00	3.50	9.39								
6785	6.52	2.61	3.20	1.02	0.00	0.00	8.25	21.60								
6790	8.76	3.51	5.63	1.80	0.00	0.00	11.08	30.78								
6795	10.61	4.25	6.98	2.23	0.00	0.00	13.42	37.49								
6800	12.82	5.14	8.15	2.61	0.00	0.00	16.21	44.93								
6805	14.47	5.80	8.15	2.61	0.00	0.00	18.29	49.32								
6815	1.05	0.42	0.72	0.23	0.00	0.00	1.33	3.75								
6820	2.35	0.94	1.58	0.50	0.00	0.00	2.98	8.35								
6825	6.30	2.52	3.15	1.01	0.00	0.00	7.96	20.94								
6830	8.37	3.36	5.18	1.66	0.00	0.00	10.58	29.15								
6835	10.64	4.27	5.36	1.72	0.00	0.00	13.46	35.45								
6845	1.03	0.41	1.32	0.42	0.00	0.00	1.31	4.49								
6850	5.35	2.14	2.34	0.75	0.00	0.00	6.76	17.34								
6855	8.36	3.35	3.60	1.15	0.00	0.00	10.57	27.03								
6860	10.41	4.17	7.03	2.25	0.00	0.00	13.16	37.02								
6865	18.40	7.38	11.80	3.78	0.00	0.00	23.27	64.63								
6875	9.21	4.80	4.97	1.99	2.72	0.41	8.61	32.71	11.52	4.92	6.50	2.60	4.52	0.68	11.48	42.22
6880	15.40	7.42	8.29	2.65	5.66	0.85	11.69	51.96	19.26	7.62	10.84	3.47	9.40	1.41	15.74	67.74
6885	19.06	9.19	9.82	3.14	7.14	1.07	13.36	62.78	23.83	9.45	12.90	4.13	11.86	1.78	18.09	82.04
6890	21.38	10.22	10.94	3.50	7.14	1.07	16.21	70.46	26.73	10.50	14.31	4.58	11.86	1.78	21.82	91.58
6895	22.73	10.73	14.15	3.68	8.61	1.29	17.20	78.39	28.41	11.03	18.36	4.77	14.95	2.24	23.15	102.91
6900	24.24	11.40	14.15	3.68	8.61	1.29	18.32	81.69	30.30	11.71	18.36	4.77	14.95	2.24	24.67	107.00
6905	29.60	14.12	13.39	4.28	9.65	1.45	20.71	93.20	37.01	14.51	17.59	5.63	16.04	2.41	28.05	121.24
6910	34.05	16.07	14.92	4.77	9.65	1.45	25.76	106.67	42.56	16.51	19.51	6.24	16.04	2.41	34.68	137.95
6915	36.89	17.32	22.01	5.72	12.81	1.92	27.89	124.56	46.11	17.80	28.56	7.43	22.24	3.34	37.54	163.02
6920	38.59	18.07	22.01	5.72	12.81	1.92	29.16	128.28	48.24	18.57	28.56	7.43	22.24	3.34	39.25	167.63
6925	42.06	19.90	22.01	5.72	16.36	2.45	31.83	140.33	52.57	20.45	28.56	7.43	28.42	4.26	42.85	184.54
6930	37.83	18.13	16.36	5.24	13.10	1.96	26.49	119.11	47.29	18.63	21.50	6.88	21.75	3.26	35.87	155.18
6935	47.39	22.33	29.88	7.77	17.37	2.61	35.84	163.19	59.24	22.95	38.76	10.08	30.17	4.53	48.25	213.98
6950	13.56	6.44	7.59	2.43	4.18	0.63	10.27	45.10	16.94	6.61	9.93	3.18	6.95	1.04	13.82	58.47
6955	18.14	8.66	9.67	3.09	6.02	0.90	12.69	59.17	22.67	8.90	12.71	4.07	10.01	1.50	17.19	77.05
6960	19.88	9.76	10.77	3.45	8.95	1.34	15.14	69.29	24.85	10.03	14.09	4.51	14.86	2.23	20.38	90.95
6965	21.74	10.30	15.60	4.06	8.61	1.29	16.46	78.06	27.17	10.58	20.24	5.26	14.95	2.24	22.15	102.59
6970	26.40	12.30	15.60	4.06	8.06	1.21	19.93	87.56	33.00	12.64	20.24	5.26	14.00	2.10	26.83	114.07
6980	9.18	4.74	4.14	1.66	2.37	0.35	8.57	31.01	11.48	4.86	5.42	2.17	3.93	0.59	11.42	39.87
6985	19.06	9.12	9.70	3.10	6.49	0.97	13.34	61.78	23.82	9.37	12.75	4.08	10.78	1.62	18.07	80.49
6990	22.67	10.71	16.07	4.18	8.61	1.29	17.16	80.69	28.34	11.00	20.85	5.42	14.95	2.24	23.10	105.90
6995	21.50	10.19	10.81	3.46	6.49	0.97	16.28	69.70	26.88	10.47	14.13	4.52	10.78	1.62	21.91	90.31

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
7005	9.76	5.02	5.80	2.32	2.37	0.35	9.09	34.71	12.19	5.15	7.59	3.03	3.93	0.59	12.12	44.60
7010	13.87	6.58	8.29	2.65	4.18	0.63	10.50	46.70	17.34	6.76	10.84	3.47	6.95	1.04	14.14	60.54
7020	20.09	9.57	10.28	3.29	6.49	0.97	15.23	65.92	25.12	9.84	13.44	4.30	10.78	1.62	20.50	85.60
7025	31.81	15.25	14.13	4.52	11.12	1.67	22.27	100.77	39.76	15.67	18.57	5.94	18.48	2.77	30.16	131.35
7030	20.77	9.78	9.06	2.35	7.51	1.13	15.71	66.31	25.97	10.05	11.75	3.06	13.04	1.96	21.15	86.98
7035	35.33	16.60	19.47	5.06	12.44	1.87	26.71	117.48	44.16	17.06	25.26	6.57	21.61	3.24	35.96	153.86
7040	41.55	19.54	22.55	5.86	14.76	2.21	31.41	137.88	51.93	20.07	29.25	7.61	25.63	3.84	42.29	180.62
7055	4.75	2.72	0.00	0.13	1.49	0.22	3.89	13.20	5.70	2.77	0.00	0.13	1.94	0.29	5.00	15.83
7060	6.05	3.61	0.00	0.13	2.67	0.40	4.99	17.85	7.26	3.68	0.00	0.13	3.49	0.52	6.42	21.50
7070	2.34	1.39	0.00	0.08	0.97	0.15	1.93	6.86	2.81	1.42	0.00	0.08	1.27	0.19	2.48	8.25
7080	7.26	3.59	5.04	1.41	0.77	0.12	6.71	24.90	9.07	3.68	6.59	1.84	1.32	0.20	9.50	32.20
7085	11.37	5.67	10.08	2.82	1.58	0.24	10.53	42.29	14.21	5.81	13.18	3.69	2.69	0.40	14.91	54.89
7095	10.47	5.13	10.54	2.95	0.43	0.07	9.66	39.25	13.09	5.26	13.79	3.86	0.71	0.11	13.68	50.50
7105	2.91	1.54	2.27	0.82	0.00	0.00	4.07	11.61	3.63	1.57	2.98	1.07	0.00	0.00	5.55	14.80
7110	0.63	0.30	0.00	0.08	0.00	0.00	0.60	1.61	0.78	0.31	0.00	0.08	0.00	0.00	0.84	2.01
7115	4.05	2.14	2.79	1.00	0.00	0.00	5.67	15.65	5.06	2.19	3.67	1.32	0.00	0.00	7.73	19.97
7120	0.83	0.40	0.00	0.08	0.00	0.00	0.79	2.10	1.04	0.41	0.00	0.08	0.00	0.00	1.11	2.64
7125	0.63	0.30	0.00	0.08	0.00	0.00	0.60	1.61	0.79	0.31	0.00	0.08	0.00	0.00	0.85	2.03
7130	5.98	3.16	3.66	1.32	0.00	0.00	8.37	22.49	7.47	3.24	4.82	1.74	0.00	0.00	11.41	28.68
7135	1.04	0.50	0.00	0.08	0.00	0.00	0.99	2.61	1.29	0.51	0.00	0.08	0.00	0.00	1.39	3.27
7140	0.82	0.39	0.00	0.08	0.00	0.00	0.78	2.07	1.02	0.40	0.00	0.08	0.00	0.00	1.09	2.59
7145	8.12	4.30	4.88	1.76	0.00	0.00	11.37	30.43	10.15	4.39	6.43	2.31	0.00	0.00	15.50	38.78
7150	1.06	0.51	0.00	0.08	0.00	0.00	1.01	2.66	1.32	0.52	0.00	0.08	0.00	0.00	1.41	3.33
7155	1.19	0.57	0.00	0.08	0.00	0.00	1.13	2.97	1.49	0.58	0.00	0.08	0.00	0.00	1.59	3.74
7160	11.84	6.27	6.97	2.51	0.00	0.00	16.58	44.17	14.80	6.41	9.18	3.30	0.00	0.00	22.61	56.30
7165	1.64	0.79	0.00	0.08	0.00	0.00	1.56	4.07	2.04	0.80	0.00	0.08	0.00	0.00	2.19	5.11
7170	1.79	0.86	0.00	0.08	0.00	0.00	1.71	4.44	2.24	0.88	0.00	0.08	0.00	0.00	2.40	5.60
7175	1.43	0.69	0.00	0.08	0.00	0.00	1.36	3.56	1.78	0.70	0.00	0.08	0.00	0.00	1.91	4.47
7180	20.99	9.17	11.67	3.27	0.00	0.00	21.16	66.26	26.24	9.43	15.38	4.31	0.00	0.00	29.38	84.74
7185	2.39	1.15	0.00	0.12	0.00	0.00	2.28	5.94	2.99	1.18	0.00	0.12	0.00	0.00	3.20	7.49
7190	2.63	1.26	0.00	0.13	0.00	0.00	2.51	6.53	3.29	1.30	0.00	0.13	0.00	0.00	3.53	8.25
7195	2.40	1.15	0.00	0.13	0.00	0.00	2.29	5.97	3.00	1.18	0.00	0.13	0.00	0.00	3.21	7.52
7200	0.07	0.03	0.00	0.05	0.00	0.00	0.07	0.22	0.09	0.03	0.00	0.05	0.00	0.00	0.09	0.26
7205	23.39	12.04	16.03	3.85	0.00	0.00	23.57	78.88	28.07	12.26	21.11	5.07	0.00	0.00	31.43	97.94
7210	3.30	1.59	0.00	0.18	0.00	0.00	3.15	8.22	4.13	1.63	0.00	0.18	0.00	0.00	4.43	10.37
7215	3.49	1.68	0.00	0.19	0.00	0.00	3.33	8.69	4.37	1.72	0.00	0.19	0.00	0.00	4.68	10.96
7220	2.91	1.40	0.00	0.16	0.00	0.00	2.77	7.24	3.64	1.43	0.00	0.16	0.00	0.00	3.90	9.13
7225	0.86	0.41	0.00	0.12	0.00	0.00	0.82	2.21	1.07	0.42	0.00	0.12	0.00	0.00	1.15	2.76
7230	0.09	0.05	0.00	0.08	0.00	0.00	0.09	0.31	0.12	0.05	0.00	0.08	0.00	0.00	0.13	0.38
7235	39.22	20.18	24.39	5.85	0.00	0.00	39.53	129.17	47.07	20.56	32.13	7.71	0.00	0.00	52.70	160.17
7240	5.03	2.41	0.00	0.28	0.00	0.00	4.79	12.51	6.29	2.47	0.00	0.28	0.00	0.00	6.74	15.78
7245	5.52	2.65	0.00	0.29	0.00	0.00	5.26	13.72	6.90	2.72	0.00	0.29	0.00	0.00	7.40	17.31
7250	0.11	0.05	0.00	0.08	0.00	0.00	0.10	0.34	0.14	0.05	0.00	0.08	0.00	0.00	0.14	0.41
7255	3.72	1.78	0.00	0.20	0.00	0.00	3.54	9.24	4.65	1.83	0.00	0.20	0.00	0.00	4.98	11.66
7265	3.30	1.75	2.20	0.79	0.00	0.00	4.62	12.66	4.12	1.79	2.89	1.04	0.00	0.00	6.30	16.14
7270	3.89	2.06	2.72	0.98	0.00	0.00	5.45	15.10	4.86	2.11	3.58	1.29	0.00	0.00	7.43	19.27
7275	4.36	2.31	3.07	1.10	0.00	0.00	6.11	16.95	5.45	2.36	4.04	1.45	0.00	0.00	8.33	21.63
7280	0.72	0.35	0.00	0.08	0.00	0.00	0.69	1.84	0.90	0.36	0.00	0.08	0.00	0.00	0.97	2.31
7285	0.72	0.35	0.00	0.05	0.00	0.00	0.69	1.81	0.90	0.36	0.00	0.05	0.00	0.00	0.97	2.28
7290	6.06	3.21	4.25	1.53	0.00	0.00	8.49	23.54	7.58	3.28	5.60	2.02	0.00	0.00	11.57	30.05
7295	0.81	0.39	0.00	0.08	0.00	0.00	0.77	2.05	1.01	0.40	0.00	0.08	0.00	0.00	1.08	2.57
7300	0.98	0.47	0.00	0.05	0.00	0.00	0.94	2.44	1.23	0.48	0.00	0.05	0.00	0.00	1.32	3.08
7305	7.89	4.17	5.23	1.88	0.00	0.00	11.05	30.22	9.86	4.27	6.88	2.48	0.00	0.00	15.06	38.55
7310	1.23	0.59	0.00	0.08	0.00	0.00	1.18	3.08	1.54	0.61	0.00	0.08	0.00	0.00	1.65	3.88
7315	1.23	0.59	0.00	0.05	0.00	0.00	1.17	3.04	1.54	0.61	0.00	0.05	0.00	0.00	1.65	3.85

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
7320	11.84	6.26	7.77	2.80	0.00	0.00	16.58	45.25	14.80	6.41	10.24	3.68	0.00	0.00	22.61	57.74
7325	1.31	0.63	0.00	0.08	0.00	0.00	1.25	3.27	1.64	0.65	0.00	0.08	0.00	0.00	1.76	4.13
7330	1.38	0.66	0.00	0.08	0.00	0.00	1.32	3.44	1.72	0.68	0.00	0.08	0.00	0.00	1.85	4.33
7335	1.87	0.90	0.00	0.05	0.00	0.00	1.78	4.60	2.34	0.92	0.00	0.05	0.00	0.00	2.51	5.82
7340	20.79	9.08	10.45	2.93	0.00	0.00	20.95	64.20	25.98	9.33	13.77	3.86	0.00	0.00	29.09	82.03
7345	2.61	1.25	0.00	0.12	0.00	0.00	2.49	6.47	3.26	1.28	0.00	0.12	0.00	0.00	3.50	8.16
7350	2.65	1.27	0.00	0.10	0.00	0.00	2.52	6.54	3.31	1.30	0.00	0.10	0.00	0.00	3.55	8.26
7355	25.00	12.86	15.86	3.81	0.00	0.00	25.19	82.72	30.00	13.10	20.88	5.01	0.00	0.00	33.59	102.58
7360	3.95	1.90	0.00	0.22	0.00	0.00	3.76	9.83	4.94	1.94	0.00	0.22	0.00	0.00	5.29	12.39
7365	4.06	1.95	0.00	0.25	0.00	0.00	3.87	10.13	5.07	2.00	0.00	0.25	0.00	0.00	5.44	12.76
7370	2.52	1.21	0.00	0.12	0.00	0.00	2.40	6.25	3.15	1.24	0.00	0.12	0.00	0.00	3.38	7.89
7375	33.60	17.29	18.30	4.39	0.00	0.00	33.86	107.44	40.32	17.61	24.10	5.78	0.00	0.00	45.15	132.96
7380	4.56	2.19	0.00	0.26	0.00	0.00	4.35	11.36	5.70	2.24	0.00	0.26	0.00	0.00	6.11	14.31
7385	5.22	2.50	0.00	0.25	0.00	0.00	4.97	12.94	6.52	2.57	0.00	0.25	0.00	0.00	6.99	16.33
7390	2.90	1.39	0.00	0.12	0.00	0.00	2.77	7.18	3.63	1.43	0.00	0.12	0.00	0.00	3.89	9.07
7400	3.64	1.93	2.27	0.82	0.00	0.00	5.10	13.76	4.55	1.97	2.98	1.07	0.00	0.00	6.96	17.53
7405	4.57	2.42	2.72	0.98	0.00	0.00	6.40	17.09	5.71	2.47	3.58	1.29	0.00	0.00	8.72	21.77
7410	6.69	3.54	3.83	1.38	0.00	0.00	9.37	24.81	8.36	3.62	5.05	1.82	0.00	0.00	12.77	31.62
7415	8.70	4.60	4.88	1.76	0.00	0.00	12.18	32.12	10.88	4.71	6.43	2.31	0.00	0.00	16.61	40.94
7420	1.01	0.48	0.00	0.05	0.00	0.00	0.96	2.50	1.26	0.50	0.00	0.05	0.00	0.00	1.35	3.16
7425	1.13	0.54	0.00	0.05	0.00	0.00	1.08	2.80	1.42	0.56	0.00	0.05	0.00	0.00	1.52	3.55
7430	13.41	7.09	7.32	2.63	0.00	0.00	18.78	49.23	16.76	7.26	9.64	3.47	0.00	0.00	25.61	62.74
7435	1.78	0.85	0.00	0.05	0.00	0.00	1.70	4.38	2.22	0.88	0.00	0.05	0.00	0.00	2.38	5.53
7440	1.20	0.58	0.00	0.05	0.00	0.00	1.15	2.98	1.51	0.59	0.00	0.05	0.00	0.00	1.61	3.76
7445	19.61	8.57	10.80	3.02	0.00	0.00	19.76	61.76	24.52	8.81	14.23	3.98	0.00	0.00	27.45	78.99
7450	2.19	1.05	0.00	0.10	0.00	0.00	2.09	5.43	2.74	1.08	0.00	0.10	0.00	0.00	2.94	6.86
7455	1.81	0.87	0.00	0.12	0.00	0.00	1.73	4.53	2.27	0.89	0.00	0.12	0.00	0.00	2.43	5.71
7460	0.76	0.36	0.00	0.08	0.00	0.00	0.72	1.92	0.95	0.37	0.00	0.08	0.00	0.00	1.02	2.42
7465	0.44	0.21	0.00	0.13	0.00	0.00	0.42	1.20	0.55	0.22	0.00	0.13	0.00	0.00	0.59	1.49
7470	0.07	0.03	0.00	0.08	0.00	0.00	0.07	0.25	0.09	0.03	0.00	0.08	0.00	0.00	0.09	0.29
7480	2.53	1.34	1.46	0.53	0.00	0.00	3.54	9.40	3.16	1.37	1.93	0.69	0.00	0.00	4.82	11.97
7485	3.57	1.89	2.27	0.82	0.00	0.00	5.00	13.55	4.47	1.93	2.98	1.07	0.00	0.00	6.82	17.27
7490	4.28	2.26	2.51	0.90	0.00	0.00	5.99	15.94	5.35	2.32	3.30	1.19	0.00	0.00	8.17	20.33
7495	7.97	4.21	3.83	1.38	0.00	0.00	11.15	28.54	9.96	4.31	5.05	1.82	0.00	0.00	15.21	36.35
7500	10.50	5.55	5.05	1.82	0.00	0.00	14.70	37.62	13.12	5.68	6.66	2.40	0.00	0.00	20.04	47.90
7510	2.99	1.58	2.30	0.83	0.00	0.00	4.19	11.89	3.74	1.62	3.03	1.09	0.00	0.00	5.71	15.19
7515	0.52	0.25	0.00	0.05	0.00	0.00	0.49	1.31	0.65	0.25	0.00	0.05	0.00	0.00	0.69	1.64
7520	4.49	2.37	3.14	1.13	0.00	0.00	6.29	17.42	5.61	2.43	4.13	1.49	0.00	0.00	8.57	22.23
7525	0.37	0.18	0.00	0.05	0.00	0.00	0.35	0.95	0.46	0.18	0.00	0.05	0.00	0.00	0.50	1.19
7530	6.57	3.48	4.11	1.48	0.00	0.00	9.20	24.84	8.22	3.56	5.42	1.95	0.00	0.00	12.55	31.70
7535	0.62	0.30	0.00	0.05	0.00	0.00	0.59	1.56	0.77	0.30	0.00	0.05	0.00	0.00	0.83	1.95
7540	9.30	4.92	5.40	1.94	0.00	0.00	13.02	34.58	11.62	5.03	7.11	2.56	0.00	0.00	17.75	44.07
7545	0.81	0.39	0.00	0.05	0.00	0.00	0.77	2.02	1.01	0.40	0.00	0.05	0.00	0.00	1.08	2.54
7550	11.63	6.15	7.67	2.76	0.00	0.00	16.28	44.49	14.54	6.29	10.10	3.64	0.00	0.00	22.21	56.78
7555	1.26	0.61	0.00	0.08	0.00	0.00	1.21	3.16	1.58	0.62	0.00	0.08	0.00	0.00	1.70	3.98
7560	1.35	0.65	0.00	0.10	0.00	0.00	1.29	3.39	1.69	0.66	0.00	0.10	0.00	0.00	1.81	4.26
7565	18.98	8.29	11.15	3.12	0.00	0.00	19.13	60.67	23.72	8.52	14.69	4.11	0.00	0.00	26.56	77.60
7570	1.74	0.83	0.00	0.14	0.00	0.00	1.66	4.37	2.17	0.85	0.00	0.14	0.00	0.00	2.33	5.49
7575	1.83	0.88	0.00	0.14	0.00	0.00	1.75	4.60	2.29	0.90	0.00	0.14	0.00	0.00	2.46	5.79
7580	25.57	11.17	14.29	4.00	0.00	0.00	25.76	80.79	31.96	11.48	18.82	5.27	0.00	0.00	35.78	103.31
7585	2.36	1.13	0.00	0.20	0.00	0.00	2.25	5.94	2.95	1.16	0.00	0.20	0.00	0.00	3.16	7.47
7590	2.15	1.03	0.00	0.18	0.00	0.00	2.05	5.41	2.69	1.06	0.00	0.18	0.00	0.00	2.88	6.81
7595	37.70	19.40	21.61	5.19	0.00	0.00	37.99	121.89	45.24	19.76	28.46	6.83	0.00	0.00	50.66	150.95
7600	5.66	2.71	0.00	0.24	0.00	0.00	5.39	14.00	7.07	2.78	0.00	0.24	0.00	0.00	7.58	17.67
7605	5.31	2.55	0.00	0.21	0.00	0.00	5.07	13.14	6.64	2.62	0.00	0.21	0.00	0.00	7.12	16.59

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
7610	4.97	2.39	0.00	0.19	0.00	0.00	4.74	12.29	6.22	2.45	0.00	0.19	0.00	0.00	6.67	15.53
7620	11.87	6.28	7.14	2.57	0.00	0.00	16.61	44.47	14.83	6.42	9.41	3.39	0.00	0.00	22.66	56.71
7625	1.25	0.60	0.00	0.05	0.00	0.00	1.19	3.09	1.56	0.61	0.00	0.05	0.00	0.00	1.67	3.89
7630	1.40	0.67	0.00	0.05	0.00	0.00	1.33	3.45	1.75	0.69	0.00	0.05	0.00	0.00	1.87	4.36
7635	1.43	0.69	0.00	0.05	0.00	0.00	1.36	3.53	1.79	0.70	0.00	0.05	0.00	0.00	1.92	4.46
7640	15.72	6.87	9.06	2.54	0.00	0.00	15.85	50.04	19.66	7.06	11.93	3.34	0.00	0.00	22.01	64.00
7645	1.77	0.85	0.00	0.05	0.00	0.00	1.68	4.35	2.21	0.87	0.00	0.05	0.00	0.00	2.37	5.50
7650	2.32	1.11	0.00	0.05	0.00	0.00	2.21	5.69	2.90	1.14	0.00	0.05	0.00	0.00	3.11	7.20
7655	1.93	0.93	0.00	0.05	0.00	0.00	1.84	4.75	2.41	0.95	0.00	0.05	0.00	0.00	2.59	6.00
7660	21.10	9.22	12.20	3.42	0.00	0.00	21.26	67.20	26.37	9.47	16.06	4.50	0.00	0.00	29.53	85.93
7665	2.31	1.11	0.00	0.12	0.00	0.00	2.20	5.74	2.88	1.14	0.00	0.12	0.00	0.00	3.09	7.23
7670	2.53	1.21	0.00	0.13	0.00	0.00	2.41	6.28	3.16	1.24	0.00	0.13	0.00	0.00	3.39	7.92
7675	2.21	1.06	0.00	0.11	0.00	0.00	2.11	5.49	2.76	1.09	0.00	0.11	0.00	0.00	2.96	6.92
7680	0.09	0.04	0.00	0.05	0.00	0.00	0.09	0.27	0.12	0.05	0.00	0.05	0.00	0.00	0.13	0.35
7685	0.59	0.28	0.00	0.11	0.00	0.00	0.56	1.54	0.74	0.29	0.00	0.11	0.00	0.00	0.79	1.93
7695	11.86	6.06	6.78	1.90	2.41	0.36	8.87	38.24	14.82	6.21	8.92	2.50	5.05	0.76	12.02	50.28
7700	16.90	8.91	9.69	2.71	5.62	0.84	12.74	57.41	21.12	9.13	12.75	3.57	11.77	1.76	17.25	77.35
7705	23.79	12.81	14.53	4.07	7.18	1.08	18.01	81.47	29.74	13.13	19.12	5.35	15.04	2.26	24.39	109.03
7715	18.51	9.72	9.75	2.73	5.88	0.88	13.94	61.41	23.14	9.97	12.83	3.59	12.32	1.85	18.87	82.57
7720	30.40	16.47	18.48	5.17	9.74	1.46	23.05	104.77	38.00	16.88	24.31	6.81	20.40	3.06	31.22	140.68
7730	1.01	0.52	1.39	0.39	0.22	0.03	0.76	4.32	1.27	0.54	1.83	0.51	0.46	0.07	1.03	5.71
7735	1.15	0.59	1.61	0.45	0.22	0.03	0.86	4.91	1.44	0.60	2.12	0.59	0.46	0.07	1.17	6.45
7740	1.29	0.67	2.00	0.56	0.27	0.04	0.97	5.80	1.61	0.68	2.63	0.74	0.55	0.08	1.31	7.60
7750	0.24	0.13	0.62	0.17	0.03	0.01	0.27	1.47	0.30	0.13	0.80	0.23	0.05	0.01	0.37	1.89
7755	1.03	0.51	1.24	0.35	0.06	0.01	1.13	4.33	1.29	0.52	1.61	0.45	0.09	0.01	1.57	5.54
7760	1.44	0.71	1.92	0.54	0.06	0.01	1.58	6.26	1.80	0.73	2.50	0.70	0.09	0.01	2.20	8.03
7765	2.60	1.29	2.07	0.58	0.19	0.03	2.87	9.63	3.26	1.33	2.72	0.76	0.27	0.04	3.98	12.36
7770	5.35	2.65	3.39	0.95	0.33	0.05	5.89	18.61	6.69	2.72	4.46	1.25	0.46	0.07	8.18	23.83
7785	1.77	0.87	0.78	0.22	0.06	0.01	1.95	5.66	2.22	0.89	1.02	0.29	0.09	0.01	2.70	7.22
7790	3.46	1.71	1.42	0.40	0.19	0.03	3.80	11.01	4.32	1.75	1.87	0.52	0.27	0.04	5.28	14.05
7795	3.83	1.89	1.78	0.50	0.19	0.03	4.21	12.43	4.79	1.93	2.34	0.65	0.27	0.04	5.85	15.87
7800	6.18	2.99	3.65	1.02	0.00	0.00	6.76	20.60	7.72	3.06	4.80	1.34	0.00	0.00	9.40	26.32
7805	12.10	5.84	5.65	1.58	0.00	0.00	13.24	38.41	15.12	5.99	7.44	2.08	0.00	0.00	18.39	49.02
7815	10.06	4.86	3.23	0.90	0.00	0.00	11.01	30.06	12.58	4.98	4.25	1.19	0.00	0.00	15.30	38.30
7820	14.60	7.05	5.17	1.45	0.00	0.00	15.98	44.25	18.25	7.23	6.80	1.90	0.00	0.00	22.19	56.37
7825	18.68	9.02	5.17	1.45	0.00	0.00	20.45	54.77	23.35	9.25	6.80	1.90	0.00	0.00	28.40	69.70
7835	8.07	3.90	2.16	0.61	0.00	0.00	8.84	23.58	10.09	4.00	2.85	0.80	0.00	0.00	12.27	30.01
7840	8.79	4.25	2.16	0.61	0.00	0.00	9.62	25.43	10.99	4.35	2.85	0.80	0.00	0.00	13.36	32.35
7845	9.06	4.37	2.16	0.61	0.00	0.00	9.91	26.11	11.32	4.48	2.85	0.80	0.00	0.00	13.77	33.22
7850	17.10	8.26	4.84	1.36	0.00	0.00	18.72	50.28	21.38	8.47	6.37	1.78	0.00	0.00	26.00	64.00
7855	21.22	10.25	5.65	1.58	0.00	0.00	23.23	61.93	26.53	10.51	7.44	2.08	0.00	0.00	32.27	78.83
7870	0.86	0.31	2.45	0.69	0.12	0.02	0.82	5.27	1.03	0.32	3.27	0.91	0.15	0.02	1.13	6.83
7875	1.08	0.38	2.45	0.69	0.14	0.02	1.03	5.79	1.29	0.39	3.27	0.91	0.19	0.03	1.41	7.49
7880	0.90	0.33	2.45	0.69	0.19	0.03	0.86	5.45	1.07	0.34	3.27	0.91	0.23	0.03	1.18	7.03
7885	1.10	0.40	2.45	0.69	0.22	0.03	1.05	5.94	1.32	0.41	3.27	0.91	0.29	0.04	1.44	7.68
7890	1.00	0.38	2.45	0.69	0.30	0.04	0.97	5.83	1.20	0.39	3.27	0.91	0.38	0.06	1.33	7.54
7895	1.37	0.66	5.61	1.68	0.38	0.06	1.13	10.89	1.82	0.68	7.21	2.16	0.49	0.07	1.76	14.19
7900	1.94	0.91	3.40	0.88	0.38	0.06	1.60	9.17	2.58	0.94	4.42	1.15	0.49	0.07	2.48	12.13
7905	1.60	0.76	6.44	1.93	0.38	0.06	1.32	12.49	2.13	0.79	8.28	2.49	0.49	0.07	2.06	16.31
7910	2.20	1.03	3.40	0.88	0.38	0.06	1.81	9.76	2.94	1.06	4.42	1.15	0.49	0.07	2.82	12.95
7915	1.75	0.84	6.44	1.93	0.47	0.07	1.45	12.95	2.33	0.87	8.28	2.49	0.59	0.09	2.25	16.90
7920	2.19	1.08	3.40	0.88	0.81	0.12	1.83	10.31	2.92	1.12	4.42	1.15	1.03	0.15	2.84	13.63
7925	2.93	1.27	12.06	3.86	0.82	0.12	2.25	23.31	3.90	1.32	15.54	4.97	1.06	0.16	3.50	30.45
7930	4.05	1.74	5.51	1.54	0.98	0.15	3.11	17.08	5.40	1.81	7.17	2.01	1.27	0.19	4.84	22.69
7935	4.25	1.82	5.51	1.54	1.01	0.15	3.26	17.54	5.66	1.90	7.17	2.01	1.29	0.19	5.07	23.29

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
7940	4.00	1.72	5.51	1.54	1.01	0.15	3.07	17.00	5.33	1.79	7.17	2.01	1.29	0.19	4.78	22.56
7945	4.71	2.01	5.51	1.54	1.01	0.15	3.61	18.54	6.28	2.09	7.17	2.01	1.29	0.19	5.62	24.65
7950	6.21	2.64	7.53	2.11	1.33	0.20	4.76	24.78	8.28	2.75	9.79	2.74	1.71	0.26	7.40	32.93
7955	6.58	2.81	7.53	2.11	1.43	0.21	5.05	25.72	8.78	2.92	9.79	2.74	1.84	0.28	7.85	34.20
7960	6.22	2.66	7.53	2.11	1.43	0.21	4.77	24.93	8.29	2.77	9.79	2.74	1.84	0.28	7.43	33.14
7965	6.18	2.62	9.01	2.52	1.20	0.18	4.73	26.44	8.24	2.72	11.71	3.28	1.55	0.23	7.36	35.09
7975	0.95	0.34	2.57	0.72	0.15	0.02	0.91	5.66	1.14	0.35	3.43	0.96	0.19	0.03	1.25	7.35
7980	1.23	0.44	2.50	0.70	0.15	0.02	1.17	6.21	1.47	0.45	3.33	0.93	0.19	0.03	1.61	8.01
7985	1.34	0.48	2.57	0.72	0.16	0.02	1.28	6.57	1.61	0.49	3.43	0.96	0.21	0.03	1.76	8.49
7990	1.26	0.45	2.57	0.72	0.16	0.02	1.20	6.38	1.51	0.46	3.43	0.96	0.20	0.03	1.65	8.24
7995	1.34	0.48	2.57	0.72	0.19	0.03	1.28	6.61	1.61	0.49	3.43	0.96	0.25	0.04	1.76	8.54
8000	1.19	0.44	2.50	0.70	0.30	0.04	1.15	6.32	1.43	0.46	3.33	0.93	0.38	0.06	1.58	8.17
8005	1.25	0.61	5.86	1.76	0.38	0.06	1.04	10.96	1.67	0.63	7.53	2.26	0.49	0.07	1.62	14.27
8010	1.37	0.66	5.86	1.76	0.38	0.06	1.13	11.22	1.82	0.68	7.53	2.26	0.49	0.07	1.76	14.61
8015	1.99	0.93	3.46	0.90	0.38	0.06	1.64	9.36	2.65	0.97	4.50	1.17	0.49	0.07	2.55	12.40
8020	1.43	0.70	6.52	1.95	0.47	0.07	1.19	12.33	1.91	0.72	8.38	2.51	0.59	0.09	1.86	16.06
8025	2.95	1.39	4.72	1.23	0.61	0.09	2.43	13.42	3.94	1.44	6.14	1.60	0.77	0.12	3.79	17.80
8030	2.72	1.22	11.19	3.58	1.07	0.16	2.11	22.05	3.63	1.26	14.42	4.62	1.38	0.21	3.28	28.80
8035	3.33	1.46	6.46	1.81	1.07	0.16	2.57	16.86	4.44	1.52	8.39	2.35	1.38	0.21	3.99	22.28
8040	3.94	1.67	7.40	2.07	0.76	0.11	3.02	18.97	5.26	1.74	9.62	2.69	0.97	0.15	4.69	25.12
8045	4.38	1.88	6.61	1.85	1.07	0.16	3.36	19.31	5.84	1.96	8.60	2.41	1.38	0.21	5.23	25.63
8050	4.08	1.91	4.83	1.26	0.76	0.11	3.36	16.31	5.44	1.98	6.28	1.63	0.95	0.14	5.23	21.65
8055	5.15	2.19	9.45	2.65	1.07	0.16	3.94	24.61	6.86	2.28	12.28	3.44	1.38	0.21	6.13	32.58
8060	5.27	2.26	9.67	2.71	1.27	0.19	4.05	25.42	7.02	2.36	12.57	3.52	1.62	0.24	6.29	33.62
8065	6.16	2.64	9.67	2.71	1.47	0.22	4.73	27.60	8.21	2.75	12.57	3.52	1.89	0.28	7.35	36.57
8075	1.48	0.69	3.25	0.85	0.28	0.04	1.22	7.81	1.98	0.72	4.23	1.10	0.35	0.05	1.90	10.33
8080	1.32	0.62	5.35	1.61	0.28	0.04	1.09	10.31	1.75	0.64	6.88	2.06	0.35	0.05	1.69	13.42
8085	1.93	0.89	3.46	0.90	0.28	0.04	1.58	9.08	2.57	0.92	4.50	1.17	0.35	0.05	2.46	12.02
8090	2.43	1.13	3.78	0.98	0.38	0.06	1.99	10.75	3.23	1.17	4.91	1.28	0.49	0.07	3.10	14.25
8095	4.05	1.75	6.61	1.85	1.07	0.16	3.11	18.60	5.39	1.82	8.60	2.41	1.38	0.21	4.84	24.65
8100	5.45	2.31	7.24	2.03	1.07	0.16	4.17	22.43	7.27	2.40	9.42	2.64	1.38	0.21	6.49	29.81
8105	5.74	2.42	9.45	2.65	1.07	0.16	4.39	25.88	7.65	2.52	12.28	3.44	1.38	0.21	6.83	34.31
8110	5.58	2.36	6.61	1.85	1.07	0.16	4.27	21.90	7.44	2.46	8.60	2.41	1.38	0.21	6.64	29.14
8115	5.84	2.47	7.24	2.03	1.07	0.16	4.47	23.28	7.79	2.57	9.42	2.64	1.38	0.21	6.95	30.96
8125	6.15	2.59	9.45	2.65	1.12	0.17	4.70	26.83	8.19	2.70	12.28	3.44	1.45	0.22	7.31	35.59
8130	6.20	2.61	9.45	2.65	1.12	0.17	4.74	26.94	8.26	2.72	12.28	3.44	1.45	0.22	7.37	35.74
8135	6.69	2.81	8.50	2.38	1.12	0.17	5.11	26.78	8.91	2.92	11.06	3.10	1.45	0.22	7.95	35.61
8145	6.80	2.88	7.72	2.16	1.42	0.21	5.21	26.40	9.07	3.00	10.03	2.81	1.86	0.28	8.10	35.15
8150	5.99	2.53	9.45	2.65	1.12	0.17	4.58	26.49	7.98	2.63	12.28	3.44	1.45	0.22	7.13	35.13
8155	5.76	2.44	9.45	2.65	1.12	0.17	4.41	26.00	7.68	2.54	12.28	3.44	1.45	0.22	6.86	34.47
8160	6.47	2.72	11.02	3.09	1.12	0.17	4.94	29.53	8.62	2.83	14.33	4.01	1.45	0.22	7.69	39.15
8170	2.53	1.00	0.00	0.10	0.00	0.00	2.16	5.79								
8175	3.04	1.20	0.00	0.10	0.00	0.00	2.59	6.93								
8180	4.71	1.87	0.00	0.10	0.00	0.00	4.01	10.69								
8185	5.82	2.31	0.00	0.10	0.00	0.00	4.96	13.19								
8190	6.44	2.55	0.00	0.10	0.00	0.00	5.49	14.58								
8200	0.61	0.24	0.00	0.09	0.00	0.00	0.52	1.46	0.81	0.25	0.00	0.09	0.00	0.00	0.79	1.94
8205	0.96	0.38	0.00	0.09	0.00	0.00	0.82	2.25	1.28	0.40	0.00	0.09	0.00	0.00	1.25	3.02
8210	0.97	0.38	0.00	0.09	0.00	0.00	0.83	2.27	1.29	0.40	0.00	0.09	0.00	0.00	1.26	3.04
8215	0.98	0.39	0.00	0.09	0.00	0.00	0.84	2.30	1.31	0.41	0.00	0.09	0.00	0.00	1.28	3.09
8225	0.20	0.08	0.00	0.00	0.00	0.00	0.17	0.45								
8230	0.20	0.08	0.00	0.00	0.00	0.00	0.17	0.45								
8235	0.22	0.09	0.00	0.00	0.00	0.00	0.19	0.50								
8240	0.26	0.10	0.00	0.00	0.00	0.00	0.22	0.58								
8245	0.29	0.11	0.00	0.00	0.00	0.00	0.24	0.64								

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
8250	0.27	0.11	0.00	0.00	0.00	0.00	0.23	0.61								
8260	0.23	0.09	0.00	0.09	0.00	0.00	0.20	0.61								
8265	0.27	0.11	0.00	0.09	0.00	0.00	0.23	0.70								
8270	0.74	0.30	0.00	0.09	0.00	0.00	0.63	1.76								
8275	0.84	0.33	0.00	0.09	0.00	0.00	0.72	1.98								
8285	2.63	1.04	0.00	0.13	0.00	0.00	2.24	6.04								
8290	2.67	1.06	0.00	0.13	0.00	0.00	2.27	6.13								
8295	2.69	1.07	0.00	0.13	0.00	0.00	2.30	6.19								
8300	2.73	1.08	0.00	0.13	0.00	0.00	2.33	6.27								
8310	1.17	0.46	0.00	0.00	0.00	0.00	1.00	2.63								
8315	1.23	0.49	0.00	0.00	0.00	0.00	1.05	2.77								
8320	1.31	0.52	0.00	0.00	0.00	0.00	1.12	2.95								
8330	1.99	0.96	0.00	0.09	0.53	0.08	1.38	5.03	2.48	0.99	0.00	0.09	0.63	0.09	2.02	6.30
8335	2.40	1.14	0.00	0.09	0.53	0.08	1.66	5.90	2.99	1.17	0.00	0.09	0.63	0.09	2.43	7.40
8340	2.42	1.15	0.00	0.09	0.53	0.08	1.68	5.95	3.03	1.18	0.00	0.09	0.63	0.09	2.45	7.47
8345	2.86	1.37	0.00	0.09	0.68	0.10	1.99	7.09	3.58	1.41	0.00	0.09	0.82	0.12	2.90	8.92
8350	3.43	1.62	0.00	0.09	0.67	0.10	2.38	8.29	4.29	1.66	0.00	0.09	0.80	0.12	3.47	10.43
8355	6.94	3.43	0.00	0.09	2.28	0.34	4.85	17.93	8.68	3.53	0.00	0.09	2.74	0.41	7.08	22.53
8360	7.58	3.79	0.00	0.09	2.76	0.41	5.31	19.94	9.47	3.90	0.00	0.09	3.32	0.50	7.74	25.02
8370	2.70	1.28	0.00	0.09	0.53	0.08	1.87	6.55	3.38	1.31	0.00	0.09	0.63	0.09	2.73	8.23
8380	1.24	0.83	0.00	0.09	0.42	0.06	0.91	3.55								
8385	1.37	0.92	0.00	0.09	0.48	0.07	1.00	3.93								
8390	1.50	1.01	0.00	0.09	0.53	0.08	1.09	4.30								
8395	1.71	1.16	0.00	0.13	0.64	0.10	1.25	4.99								
8400	1.77	1.21	0.00	0.13	0.72	0.11	1.30	5.24								
8405	2.05	1.39	0.00	0.13	0.79	0.12	1.50	5.98								
8410	2.16	1.50	0.00	0.13	0.97	0.15	1.60	6.51								
8415	2.71	1.82	0.00	0.13	0.97	0.15	1.98	7.76								
8420	2.80	1.88	0.00	0.13	0.97	0.15	2.05	7.98								
8425	3.24	2.16	0.00	0.17	1.05	0.16	2.36	9.14								
8430	3.47	2.32	0.00	0.17	1.18	0.18	2.53	9.85								
8435	3.89	2.60	0.00	0.17	1.30	0.19	2.84	10.99								
8440	4.35	3.02	0.00	0.17	1.94	0.29	3.21	12.98								
8445	1.00	0.71	0.00	0.09	0.53	0.08	0.75	3.16								
8455	0.94	0.67	0.00	0.09	0.53	0.08	0.70	3.01								
8465	1.20	0.83	0.00	0.11	0.53	0.08	0.89	3.64								
8470	1.22	0.84	0.00	0.11	0.53	0.08	0.90	3.68								
8480	0.63	0.44	0.00	0.10	0.32	0.05	0.46	2.00								
8485	0.71	0.51	0.00	0.10	0.40	0.06	0.53	2.31								
8490	0.76	0.55	0.00	0.10	0.44	0.07	0.57	2.49								
8500	1.97	1.17	2.03	0.57	0.19	0.03	1.21	7.17								
8505	2.00	1.24	2.03	0.57	0.38	0.06	1.24	7.52								
8510	2.10	1.29	2.03	0.57	0.38	0.06	1.30	7.73								
8520	19.07	10.43	9.18	3.12	5.58	0.84	13.10	61.32	22.88	10.63	11.86	4.03	9.31	1.40	18.35	78.46
8525	26.47	14.67	13.26	4.51	9.61	1.44	18.23	88.19	31.76	14.95	17.13	5.82	16.03	2.40	25.52	113.61
8530	35.87	20.41	17.75	6.03	12.85	1.93	24.81	119.65	43.05	20.80	22.92	7.79	21.43	3.21	34.74	153.94
8535	16.90	9.31	9.18	3.12	5.58	0.84	11.63	56.56	20.28	9.49	11.86	4.03	9.31	1.40	16.28	72.65
8540	24.60	13.98	13.26	4.51	12.12	1.82	17.01	87.30	29.52	14.24	17.13	5.82	20.21	3.03	23.82	113.77
8550	12.37	6.84	4.79	1.63	3.49	0.52	8.52	38.16	14.84	6.97	6.19	2.11	5.61	0.84	11.92	48.48
8555	15.04	8.24	5.20	1.77	3.66	0.55	10.34	44.80	18.05	8.40	6.72	2.28	5.88	0.88	14.48	56.69
8560	15.11	8.61	5.20	1.77	6.17	0.93	10.46	48.25	18.14	8.77	6.72	2.28	9.92	1.49	14.64	61.96
8565	25.49	14.39	9.18	3.12	9.47	1.42	17.61	80.68	30.59	14.66	11.86	4.03	15.22	2.28	24.65	103.29
8575	12.42	6.83	4.37	1.48	2.82	0.42	8.55	36.89	14.91	6.96	5.64	1.92	4.70	0.70	11.96	46.79
8580	20.01	10.86	9.18	3.12	5.05	0.76	13.73	62.71	24.01	11.07	11.86	4.03	8.42	1.26	19.23	79.88
8585	25.77	14.32	12.40	4.22	9.61	1.44	17.76	85.52	30.93	14.59	16.02	5.45	16.03	2.40	24.86	110.28

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
8590	33.75	19.12	13.18	4.48	11.53	1.73	23.33	107.12	40.50	19.48	17.02	5.79	19.22	2.88	32.66	137.55
8595	34.46	19.68	15.40	5.24	12.85	1.93	23.85	113.41	41.36	20.05	19.89	6.76	21.43	3.21	33.40	146.10
8605	25.50	13.87	11.83	4.02	7.74	1.16	17.51	81.63	30.60	14.13	15.28	5.20	13.27	1.99	24.52	104.99
8615	11.02	6.03	4.39	1.49	3.27	0.49	7.57	34.26	13.22	6.14	5.67	1.93	5.45	0.82	10.60	43.83
8620	15.89	8.71	6.55	2.23	4.81	0.72	10.92	49.83	19.06	8.87	8.46	2.88	8.03	1.20	15.29	63.79
8625	19.04	10.79	10.06	3.42	9.15	1.37	13.16	66.99	22.84	10.99	12.99	4.42	15.26	2.29	18.42	87.21
8630	25.77	14.58	12.73	4.33	12.12	1.82	17.81	89.16	30.93	14.85	16.44	5.59	20.21	3.03	24.93	115.98
8635	36.07	20.51	17.14	5.83	12.85	1.93	24.95	119.28	43.28	20.90	22.13	7.53	21.43	3.21	34.93	153.41
8645	19.74	10.78	8.57	2.91	5.58	0.84	13.56	61.98	23.69	10.98	11.07	3.76	9.31	1.40	18.99	79.20
8650	27.12	15.01	11.75	4.00	9.61	1.44	18.67	87.60	32.54	15.29	15.18	5.16	16.03	2.40	26.14	112.74
8655	28.98	16.23	13.10	4.45	12.12	1.82	19.99	96.69	34.77	16.54	16.92	5.75	20.21	3.03	27.99	125.21
8660	32.27	18.24	13.85	4.71	10.74	1.61	22.30	103.72	38.73	18.59	17.89	6.08	17.91	2.69	31.22	133.11
8665	35.62	20.28	16.69	5.67	12.85	1.93	24.64	117.68	42.75	20.66	21.55	7.33	21.43	3.21	34.50	151.43
8675	7.62	5.18	4.84	1.55	1.91	0.29	6.04	27.43	9.15	5.26	6.37	2.04	2.57	0.39	7.85	33.63
8680	13.00	9.06	10.66	3.41	4.34	0.65	10.36	51.48	15.60	9.20	14.02	4.49	5.84	0.88	13.47	63.50
8685	17.75	12.47	14.53	4.65	6.45	0.97	14.18	71.00	21.30	12.66	19.12	6.12	8.69	1.30	18.44	87.63
8690	18.25	12.79	14.53	4.65	6.45	0.97	14.57	72.21	21.90	12.98	19.12	6.12	8.69	1.30	18.94	89.05
8695	20.33	14.39	17.76	5.68	7.93	1.19	16.28	83.56	24.40	14.62	23.37	7.48	10.68	1.60	21.17	103.32
8700	21.54	15.15	17.76	5.68	7.93	1.19	17.22	86.47	25.85	15.39	23.37	7.48	10.68	1.60	22.38	106.75
8710	12.87	8.98	10.66	3.41	4.34	0.65	10.26	51.17	15.45	9.11	14.02	4.49	5.84	0.88	13.34	63.13
8715	17.64	12.40	14.53	4.65	6.45	0.97	14.10	70.74	21.17	12.60	19.12	6.12	8.69	1.30	18.33	87.33
8720	17.90	12.56	14.53	4.65	6.45	0.97	14.30	71.36	21.48	12.76	19.12	6.12	8.69	1.30	18.59	88.06
8725	21.76	15.29	17.76	5.68	7.93	1.19	17.39	87.00	26.11	15.53	23.37	7.48	10.68	1.60	22.61	107.38
8730	22.13	15.52	17.76	5.68	7.93	1.19	17.67	87.88	26.55	15.76	23.37	7.48	10.68	1.60	22.97	108.41
8740	15.96	8.96	10.66	3.41	5.83	0.87	11.01	56.70	19.15	9.13	14.02	4.49	9.76	1.46	15.42	73.43
8745	24.17	13.73	14.53	4.65	9.25	1.39	16.72	84.44	29.01	13.99	19.12	6.12	15.01	2.25	23.40	108.90
8750	37.56	21.88	20.99	6.72	20.50	3.08	26.08	136.81	45.07	22.29	27.62	8.84	34.47	5.17	36.52	179.98
8760	14.39	8.18	8.95	2.86	5.86	0.88	9.95	51.07	17.27	8.33	11.77	3.77	9.68	1.45	13.93	66.20
8765	25.66	13.92	13.66	4.37	4.00	0.60	17.61	79.82	30.79	14.18	17.98	5.75	6.57	0.99	24.65	100.91
8775	16.78	9.42	10.66	3.41	6.00	0.90	11.58	58.75	20.14	9.59	14.02	4.49	10.02	1.50	16.22	75.98
8780	24.01	13.39	14.53	4.65	8.05	1.21	16.55	82.39	28.81	13.64	19.12	6.12	13.49	2.02	23.17	106.37
8790	4.34	1.35	4.33	1.21	0.04	0.01	5.83	17.11								
8795	6.60	2.05	7.62	2.13	0.04	0.01	8.84	27.29								
8805	1.01	0.58	0.00	0.01	0.00	0.00	0.62	2.22								
8810	1.18	0.67	0.00	0.01	0.00	0.00	0.72	2.58								
8815	1.37	0.78	0.00	0.01	0.00	0.00	0.84	3.00								
8825	1.76	1.05	0.55	0.14	0.17	0.03	1.08	4.78								
8830	2.00	1.18	0.55	0.14	0.17	0.03	1.23	5.30								
8835	2.23	1.31	0.55	0.14	0.17	0.03	1.37	5.80								
8845	0.22	0.10	0.96	0.29	0.00	0.00	0.11	1.68								
8850	0.26	0.11	1.20	0.36	0.00	0.00	0.14	2.07								
8860	0.52	0.20	3.29	0.79	0.03	0.00	0.52	5.35								
8865	0.55	0.21	3.29	0.79	0.02	0.00	0.55	5.41								
8870	0.60	0.23	5.48	1.31	0.02	0.00	0.60	8.24								
8875	0.77	0.30	5.81	1.40	0.02	0.00	0.76	9.06								
8885	0.72	0.28	1.08	0.26	0.02	0.00	0.71	3.07								
8890	0.77	0.30	1.52	0.36	0.02	0.00	0.77	3.74								
8895	0.85	0.33	1.52	0.36	0.05	0.01	0.85	3.97								
8900	0.93	0.36	2.56	0.61	0.05	0.01	0.92	5.44								
8910	0.22	0.10	0.48	0.14	0.00	0.00	0.12	1.06								
8915	0.23	0.10	0.96	0.29	0.00	0.00	0.12	1.70								
8925	0.10	0.04	0.91	0.27	0.00	0.00	0.05	1.37								
8930	0.13	0.06	1.15	0.35	0.00	0.00	0.07	1.76								
8935	0.35	0.15	1.44	0.43	0.00	0.00	0.18	2.55								
8940	0.62	0.27	2.02	0.60	0.00	0.00	0.32	3.83								

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
8950	0.05	0.02	0.91	0.27	0.00	0.00	0.02	1.27								
8955	0.15	0.07	1.15	0.35	0.00	0.00	0.08	1.80								

APPENDIX A

REFERENCES

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

2. Nichols, H. L., Jr., Moving the Earth, 3rd ed, North Castle Books, Greenwich, Connecticut, 1976.

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

4. Bulletin B-502, Goodyear Tire and Rubber Company, Akron, Ohio, June 1984.

5. Caterpillar Performance Handbook, 14th ed, Caterpillar Tractor Company, Peoria, Illinois, 1983.

6. Earthmoving Principles, International Harvester, Pay Line Division, Schaumburg, Illinois, 1975.

7. Euclid Hauler Handbook, 14th ed, Euclid, Inc., Cleveland, Ohio, 1981.

8. "FAR 31.105 Construction and Architect-Engineer Contracts", Federal Acquisition Regulation, Government Printing Office, Washington, D.C., April 1984.

9. "FAR 31.205-10 Cost of Money", Federal Acquisition Regulation, Government Printing Office, Washington, D.C., April 1984.

10. "FAR 31.205-24 Maintenance and Repair Costs", Federal Acquisition Regulation, Government Printing Office, Washington, D.C., April 1984.

11. Fundamentals of Earthmoving, Caterpillar Tractor Company, Peoria, Illinois, 1975.

12. Green Guide for Off-Highway Trucks and Trailers, Dataquest, Inc., Palo Alto, California, 1983, 1984.

13. Green Guide Volume I, Dataquest, Inc., Palo Alto, California, 1983, 1984.

14. Green Guide Volume II, Dataquest, Inc., Palo Alto, California, 1983, 1984.

APPENDIX A

REFERENCES (Cont'd)

15. Means 1984 Labor Rates for the Construction Industry, 11th ed, R. S. Means Company, Inc., Kingston, Massachusetts, 1983.

16. Operating Cost Guide, Power Crane and Shovel Association, Milwaukee, Wisconsin, 1976.

17. Owning and Operating Costs, Fiat-Allis Construction Machinery, Inc., Springfield, Illinois, 1983.

18. "Part 414 - Cost Accounting Standard - Cost of Money as an Element of the Cost of Facilities Capital", Defense Procurement Circular (DPC) #76-2, Government Printing Office, Washington, D.C., August 1976.

19. Producer Prices and Price Indexes, U. S. Department of Labor, Bureau of Labor Statistics, Government Printing Office, Washington, D.C. 1973 through 1984.

20. Production and Cost Estimating of Material Movement with Earthmoving Equipment, General Motors Corp., Terex Division, Hudson, Ohio, 1975.

APPENDIX B

AREA FACTORS

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

Sales or Import Tax Rate:					4.00 %
Working Hours Per Year:					1,700 Hrs/Yr
Labor Adjustment Factor (LAF):					0.930
Electricity Cost Per Kilowatt-Hour:					$ 0.080 /Kw-Hr
Gasoline Cost Per Gallon:					$ 1.040 /Gal.
Diesel Cost Per Gallon (Off-Road Use):					$ 0.850 /Gal.
Diesel Cost Per Gallon (On-Road Use):					$ 1.050 /Gal.
Freight Rates:		0	thru	30,000 lbs.	$ 8.400 /Cwt.
	over	30,000	thru	40,000 lbs.	$ 7.600 /Cwt.
	over	40,000	thru	50,000 lbs.	$ 5.000 /Cwt.
	over	50,000	thru	60,000 lbs.	$ 3.900 /Cwt.
	over	60,000	thru	100,000 lbs.	$ 3.700 /Cwt.
	over	100,000	thru	9999,900 lbs.	$ 3.500 /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 - 20,000 Hrs.	11,000 - 18,000 Hrs.
Shovels	Gravels, silts, well broken rock, lift less than rated capacity.	Extremely abrasive tough materials, lifting near rated capacity, impact breakout.
Depreciation Period	8,000 - 18,000 Hrs.	6,000 - 16,000 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	8,000 - 14,000 Hrs.	6,000 - 12,000 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 - 12,000 Hrs.	8,000 - 10,000 Hrs.
Tractors, Wheel-Type	Production dozing, pushloading in clays, sands, silts, loose gravels. Shovel cleanup.	Production dozing in rock. Push-loading in rocky, 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. 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. 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. Oversized loading equipment.
Depreciation Period	6,000 - 8,000 Hrs.	5,000 - 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 WEAR FACTOR(%)
RPR - REPAIR FACTOR (%)

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
15	AGGREGATE SPREADERS	A	10	20	50	.000	.051	.030	0	.000	.000	.000	0	24	24	97	69	99	70
30	AIR COMPRESSORS	A	10	25	65	.000	.066	.038	0	.000	.000	.000	45	32	28	0	0	90	70
45	AIR TOOLS, SANDBLASTERS, ETC	A	4	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	90	150
60	ASPHALT DISTRIBUTORS	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	32	28	71	57	79	85
65	ASPHALT AND CONCRETE PAVERS	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	32	28	83	66	92	90
70	ASPHALT KETTLES AND RECYCLERS	A	8	20	65	.000	.066	.038	0	.000	.000	.000	0	32	28	76	60	84	80
	BACKHOE (SEE KEY NO. 570-601)																		
75	BROOMS	A	10	25	65	.000	.066	.000	0	.000	.000	.000	0	24	28	81	65	90	80
80	BRUSH CHIPPERS	A	10	20	45	.000	.046	.027	0	.000	.000	.000	0	32	28	0	0	90	90
90	BUCKETS, CLAMSHELL & DRAGLINE	A	10	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	70
90		S	8	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
95	BUCKETS, CONCRETE	A	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	70
105	CONCRETE OR GROUT PUMP	A	8	20	95	.000	.097	.056	0	.000	.000	.000	45	32	28	81	65	90	90
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	A	8	20	0	.000	.000	.000	0	.000	.000	.000	45	32	28	0	0	90	80
[illegible]	CONCRETE FINISHERS & BUGGIES	A	6	25	70	.700	.071	.041	0	.000	.000	.000	50	32	28	0	0	90	80
130	CONCRETE SAWS	A	8	20	90	.900	.091	.053	0	.000	.000	.000	45	32	38	0	0	90	90
135	CONCRETE VIBRATORS	A	4	20	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	85	120
	CRANE, CRAWLER TYPE																		
150	0 THRU 25 TON	A	13	20	40	.000	.041	.024	0	.000	.000	.000	0	32	32	0	0	0	55
150		S	11	20	52	.000	.053	.031	0	.000	.000	.000	0	32	32	0	0	0	60
165	OVER 25 TON THRU 50 TON	A	15	20	40	.000	.041	.024	0	.000	.000	.000	0	20	20	0	0	0	65
165		S	13	20	52	.000	.053	.031	0	.000	.000	.000	0	20	20	0	0	0	70
170	OVER 50 TON THRU 150 TON	A	18	20	40	.000	.041	.024	0	.000	.000	.000	0	22	22	0	0	0	75
170		S	16	20	52	.000	.053	.031	0	.000	.000	.000	0	22	22	0	0	0	80
180	OVER 150 TON	A	20	20	40	.000	.041	.024	0	.000	.000	.000	0	24	24	0	0	0	85
180		S	18	20	52	.000	.053	.031	0	.000	.000	.000	0	24	24	0	0	0	90
	DRAGLINE & CLAMSHELL, CRAWLER																		
185	0 THRU 1 CY	A	12	20	50	.000	.051	.030	0	.000	.000	.000	0	32	32	0	0	0	70
185		S	10	20	65	.000	.066	.038	0	.000	.000	.000	0	32	32	0	0	0	80
190	OVER 1 CY THRU 2-1/2 CY	A	15	20	50	.000	.051	.030	0	.000	.000	.000	0	20	20	0	0	0	80
190		S	13	20	65	.000	.066	.038	0	.000	.000	.000	0	20	20	0	0	0	90
195	OVER 2-1/2 CY THRU 5 CY	A	18	20	50	.000	.051	.030	0	.000	.000	.000	0	22	22	0	0	0	90
195		S	16	20	65	.000	.066	.038	0	.000	.000	.000	0	22	22	0	0	0	100

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	
196	OVER 5 CY	A	20	20	50	.000	.051	.030	0	.000	.000	.000	0	24	24	0	0	0	100
196		S	18	20	65	.000	.066	.038	0	.000	.000	.000	0	24	24	0	0	0	110
200	CRANES, HYDRAULIC, SELF-PROPELLED	A	16	15	65	.000	.066	.038	0	.000	.000	.000	0	32	30	89	71	90	70
205	CRANES, TOWER	A	18	30	65	.900	.066	.038	10	.900	.010	.006	50	30	26	0	0	0	80
	CRANES & HYD. EXC. , TRK MTD																		
210	UNDER 26 T. (THRU 1 CY)	A	15	15	65	.000	.066	.038	10	.000	.010	.006	0	38	36	97	78	0	50
210		S	13	15	85	.000	.086	.050	13	.000	.013	.007	0	38	36	86	61	0	55
225	26 THRU 65 T (1 TH 2-1/2 CY)	A	18	15	65	.000	.066	.038	10	.000	.010	.006	0	30	26	97	78	0	60
225		S	16	15	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	61	0	65
230	66 THRU 125 T	A	20	15	65	.000	.066	.038	10	.000	.010	.006	0	30	26	97	78	0	70
230		S	18	15	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	61	0	75
240	OVER 125 T	A	22	20	65	.000	.066	.038	10	.000	.010	.006	0	30	26	97	78	0	80
240		S	20	20	85	.000	.086	.050	13	.000	.013	.007	0	30	26	86	61	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	38	38	62	44	0	90
330	DRILL, ROTARY OVER 11" DIA.	A	20	20	80	.000	.081	.047	0	.000	.000	.000	0	32	32	62	44	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	.900	.066	.038	0	.000	.000	.000	45	24	24	87	78	90	70
390	GRADERS	A	12	25	60	.000	.061	.035	0	.000	.000	.000	0	20	34	89	71	0	60
390		S	10	25	78	.000	.079	.046	0	.000	.000	.000	0	20	34	71	51	0	70
420	GENERATORS	A	8	15	65	.000	.066	.038	0	.000	.000	.000	0	24	24	0	0	90	60
420		S	7	15	85	.000	.086	.050	0	.000	.000	.000	0	24	24	0	0	90	70
435	HOIST	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	24	24	0	0	0	80
	HYD. EXCAVATOR (SEE KEY NO. 570-601)																		
440	LIGHT PLANTS	A	8	25	85	.000	.086	.050	0	.000	.000	.000	0	24	24	0	0	90	150
450	LOADER, BELT	A	10	25	65	.000	.066	.038	0	.000	.000	.000	0	28	28	26	0	99	90
450		S	8	25	85	.000	.086	.050	0	.000	.000	.000	0	28	28	16	0	96	100
460	LOADER,FRONT END &LOADER F/E	A	10	20	70	.000	.071	.041	0	.000	.000	.000	0	32	38	0	0	0	125
460	WITH BACKHOE,CRAWLER TYPE	S	8	20	91	.000	.092	.054	0	.000	.000	.000	0	32	38	0	0	0	130
	LOADER, WHEEL TYPE																		
465	0 THRU 225 HP	A	10	25	65	.000	.066	.038	0	.000	.000	.000	0	32	42	70	42	0	70
465		S	8	25	85	.000	.086	.050	0	.000	.000	.000	0	32	42	41	22	0	75

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
470	OVER 225 HP	A	12	15	65	.000	.066	.038	0	.000	.000	.000	0	32	30	70	42	0	70
470		S	10	15	85	.000	.086	.050	0	.000	.000	.000	0	32	30	41	22	0	75
475	LOADER, FRONT END WITH	A	10	25	65	.000	.066	.038	0	.000	.000	.000	0	32	32	72	50	0	80
475	BACKHOE,WHEEL TYPE	S	8	25	85	.000	.086	.050	0	.000	.000	.000	0	32	32	57	35	0	85
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	A	6	30	65	.000	.066	.038	0	.000	.000	.000	0	32	32	0	0	0	90
485	PIPELAYERS	A	12	35	35	.000	.000	.021	0	.000	.000	.000	0	0	40	0	0	0	75
485		S	10	35	45	.000	.000	.027	0	.000	.000	.000	0	0	40	0	0	0	85
	PUMP, GROUT (SEE KEY NO. 105)																		
495	PUMP, WATER, ENGINE DRIVE	A	10	25	90	.000	.091	.053	0	.000	.000	.000	0	32	38	0	0	0	80
500	PUMP, WATER, ELECTRIC DRIVE	A	10	25	90	.900	.000	.000	0	.000	.000	.000	45	0	0	0	0	0	40
510	RIPPERS	A	8	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
510		S	6	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	90
525	ROLLERS,EXCEPT VIB. ROLLERS	A	10	20	65	.000	.066	.038	65	.000	.066	.038	0	24	24	76	60	84	80
530	ROLLERS, VIBRATORY	A	8	20	90	.000	.091	.053	90	.000	.091	.053	0	32	32	76	60	84	100
540	SCRAPERS, STANDARD	A	10	15	60	.000	.000	.035	60	.000	.000	.035	0	0	32	59	33	65	60
540		S	8	15	78	.000	.000	.046	78	.000	.000	.046	0	0	32	39	19	43	65
542	SCRAPERS, TANDEM POWERED	A	10	15	62	.000	.000	.037	62	.000	.000	.037	0	0	26	59	33	65	65
542		S	8	15	81	.000	.000	.048	81	.000	.000	.048	0	0	26	39	19	43	70
	SCRAPERS, ELEVATING																		
545	0 THRU 200 HP	A	10	20	66	.000	.000	.039	66	.000	.000	.039	0	0	40	59	33	65	75
545		S	8	20	86	.000	.000	.051	86	.000	.000	.051	0	0	40	39	19	43	80
550	OVER 200 HP	A	10	15	66	.000	.000	.039	66	.000	.000	.039	0	0	32	59	33	65	65
550		S	8	15	86	.000	.000	.051	86	.000	.000	.051	0	0	32	39	19	43	70
555	SCRAPERS, TRACTOR DRAWN	A	12	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	65	0	72	70
555		S	10	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	50	0	55	75
560	SOIL STABILIZERS	A	10	20	66	.000	.000	.039	66	.000	.000	.039	0	0	28	59	33	65	75
560		S	8	20	86	.000	.000	.051	86	.000	.000	.051	0	0	28	39	19	43	85
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED																		
570	0 THRU 1 CY	A	8	25	60	.000	.061	.035	0	.000	.000	.000	0	38	38	0	0	0	70
570		S	6	25	78	.000	.079	.046	0	.000	.000	.000	0	38	38	0	0	0	80
585	OVER 1 CY THRU 2-1/2 CY	A	10	20	60	.000	.061	.035	0	.000	.000	.000	0	20	20	0	0	0	80
585		S	8	20	78	.000	.079	.046	0	.000	.000	.000	0	20	20	0	0	0	90
595	OVER 2-1/2 CY THRU 5 CY	A	12	15	60	.000	.061	.035	0	.000	.000	.000	0	22	22	0	0	0	90
595		S	10	15	78	.000	.079	.046	0	.000	.000	.000	0	22	22	0	0	0	100

EQUIPMENT HOURLY EXPENSE CALCULATION FACTORS (CONTINUED)

KEY NO.	TYPE OF EQUIPMENT	C	LFE	SLV	EQUIPMENT POWER HP	EQUIPMENT POWER E	EQUIPMENT POWER G	EQUIPMENT POWER D	CARRIER POWER HP	CARRIER POWER E	CARRIER POWER G	CARRIER POWER D	FOG E	FOG G	FOG D	TIRES F	TIRES D	TIRES T	RPR
600	OVER 5 CY	A	14	15	60	.000	.061	.035	0	.000	.000	.000	0	24	24	0	0	0	110
600		S	12	15	78	.000	.079	.046	0	.000	.000	.000	0	24	24	0	0	0	120
601	OVER 2-1/2 CY ELECTRIC	A	18	20	50	.500	.000	.000	0	.000	.000	.000	25	0	0	0	0	0	70
601		S	16	20	65	.650	.000	.000	0	.000	.000	.000	25	0	0	0	0	0	80
	TRACTOR, CRAWLER TYPE																		
615	0 THRU 225 HP	A	10	25	70	.000	.000	.041	0	.000	.000	.000	0	0	36	0	0	0	110
615		S	8	25	91	.000	.000	.054	0	.000	.000	.000	0	0	36	0	0	0	120
620	226 HP THRU 425 HP (PER	A	10	15	70	.000	.000	.041	0	.000	.000	.000	0	0	28	0	0	0	90
620	UNIT FOR TANDEM TRACTORS)	S	8	15	91	.000	.000	.054	0	.000	.000	.000	0	0	28	0	0	0	100
625	OVER 425 HP	A	12	15	70	.000	.000	.041	0	.000	.000	.000	0	0	24	0	0	0	90
625		S	10	15	91	.000	.000	.054	0	.000	.000	.000	0	0	24	0	0	0	100
630	TRACTOR, BLADES, PUSH BLOCKS,	A	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
630	PUSH PLATES & CLEARING BLADES	S	8	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	90
645	TRACTOR, WHEEL TYPE	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	24	28	73	44	0	60
645		S	8	20	85	.000	.086	.050	0	.000	.000	.000	0	24	28	38	21	0	65
650	TRENCHER	A	10	20	65	.000	.066	.038	0	.000	.000	.000	0	28	28	91	68	0	90
650		S	8	20	85	.000	.086	.050	0	.000	.000	.000	0	28	28	77	48	0	100
655	TRAILERS, BOTTOM DUMP AND	A	10	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	65	60
655	END DUMP	S	8	15	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	54	70
660	TRAILERS, FLATBED, LO-BOY AND TILT	A	10	30	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	65	50
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING																		
670	DUMP BODIES	A	8	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	70
670		S	6	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
675	ALL OTHER ACCESSORIES	A	8	20	65	.000	.066	.000	0	.000	.000	.000	0	32	32	0	0	0	70
	TRUCK, HIGHWAY																		
690	0 THRU 10,000 GVW	A	6	25	15	.000	.015	.009	0	.000	.000	.000	0	28	24	41	29	0	70
690		S	5	25	20	.000	.020	.012	0	.000	.000	.000	0	28	24	36	22	0	80
695	OVER 10,000 THRU 30,000 GVW	A	8	25	35	.000	.035	.020	0	.000	.000	.000	0	30	26	49	39	0	60
695		S	6	25	46	.000	.045	.026	0	.000	.000	.000	0	30	26	42	30	0	70
705	OVER 30,000 GVW	A	8	20	50	.000	.052	.030	0	.000	.000	.000	0	32	28	51	38	57	60
705		S	6	20	65	.000	.067	.039	0	.000	.000	.000	0	32	28	43	29	48	70
720	TRUCK, OFF-HIGHWAY	A	12	15	40	.000	.000	.024	0	.000	.000	.000	0	0	34	59	36	65	60
720		S	10	15	52	.000	.000	.031	0	.000	.000	.000	0	0	34	39	21	43	70
765	WAGON, BOTTOM & REAR DUMP	A	12	15	65	.000	.066	.038	0	.000	.000	.000	0	24	32	59	39	65	60
765		S	10	15	85	.000	.086	.050	0	.000	.000	.000	0	24	32	39	22	43	70
780	WAGON, WATER	A	12	25	65	.000	.066	.038	0	.000	.000	.000	0	24	32	73	55	81	60
780		S	10	25	85	.000	.086	.050	0	.000	.000	.000	0	24	32	56	40	62	65

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	90	110
795	WATER TANKS	A	12	20	65	.000	.066	.038	0	.000	.000	.000	0	24	28	77	73	90	50
810	WELDERS	A	6	30	80	.000	.081	.047	0	.000	.000	.000	0	24	24	0	0	90	70
811	WELDERS ELECTRIC POWER	A	8	25	60	.600	.000	.000	0	.000	.000	.000	30	0	0	0	0	90	40

APPENDIX E

ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT 1967 = 1000

	YEAR PURCHASE NEW												
	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973
	AGE IN YEARS												
CATEGORY	0	1	2	3	4	5	6	7	8	9	10	11	12
Air Equipment	1772	1688	1695	1668	1563	1630	1521	1354	1295	1186	1165	1028	935
Asphalt & Concrete Paving Equipment	2662	2610	2583	2620	2461	2296	2111	1941	1815	1686	1610	1451	1304
Buckets	4598	4508	4471	4541	4313	3879	3280	2963	2738	2520	2175	1838	1430
Cranes, Draglines & Clamshells - Crawler & Truck Mounted	3437	3370	3282	3213	3009	2782	2512	2301	2138	2010	1843	1522	1305
Drills	2857	2801	2836	2810	2602	2265	1993	1858	1699	1638	1559	1373	1249
Generators	3468	3400	3314	3236	3160	2817	2390	2301	2128	2053	1839	1456	1316
Graders, Motor	3802	3727	3643	3561	3276	2992	2687	2492	2259	2109	1956	1604	1361
Loaders, Track	3867	3791	3792	3655	3349	3061	2750	2482	2247	2053	1916	1573	1329
Loaders, Wheel	4061	3981	3873	3788	3441	2938	2606	2375	2156	2002	1907	1584	1362
Pile Driving Equipment	3651	3579	3519	3439	3208	2894	2562	2329	2135	1989	1852	1523	1307
Rollers	4002	3924	3744	3431	3199	2913	2653	2396	2139	1983	1872	1556	1328
Scrapers and Soil Stabilizers	3802	3727	3643	3561	3276	2992	2687	2492	2259	2109	1956	1604	1361
Shovels, Backhoes & Hydraulic Excavators	3437	3370	3282	3213	3009	2782	2512	2301	2138	2010	1843	1522	1305
Tractors, Crawler & Attachments	3867	3791	3792	3655	3349	3061	2750	2482	2247	2053	1916	1573	1329
Tractors, Wheel	3729	3656	3557	3530	3256	2927	2578	2319	2125	1956	1813	1498	1288
Trenchers	4520	4431	4360	4097	3618	3153	2772	2580	2300	1894	1633	1527	1384
Trucks, Highway	3128	3067	2934	2824	2638	2324	2108	1934	1775	1646	1524	1369	1230
Trucks & Wagons - Off Highway	3862	3786	3744	3662	3363	2964	2588	2364	2196	2081	1965	1568	1315
All Other Equipment	3651	3579	3519	3439	3208	2894	2562	2329	2135	1989	1852	1523	1307
All Tires & Tubes	2487	2438	2453	2552	2506	2369	2055	1792	1699	1615	1485	1334	1114

APPENDIX F

TIRE LIFE AND TIRE WEAR FACTORS

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

No.	Condition	Factor Average	Factor Severe
A	Maintenance	1.00	1.00
B	Speeds	0.80	0.85
C	Curves	1.00	0.90
D	Surface Condition	0.90	0.70
E	Loads	0.90	0.80
		0.648	0.428
F	Wheel Positions		
	Trailing (T-Tire)	1.00	1.00
	Front (F-Tire)	0.90	0.90
	Driver (D-Tire)		
	(Rear Dump)	0.70	0.70
	(Bottom Dump)	0.70	0.70
	(Self-Propelled Scrapers)	0.60	0.60
G	Grades		
	(Drive Tire Only)	0.85	0.75
FINAL TIRE WEAR FACTORS			
	Trailing (T-Tire)	0.65	0.43
	Front (F-Tire)	0.58	0.39
	Driver (D-Tire)		
	(Rear Dump)	0.39	0.22
	(Bottom Dump)	0.39	0.22
	(Self-Propelled Scrapers)	0.33	0.19

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

TABLE F-1. Maximum Tire Life.

Bias Ply Tires:	
Off-highway E4, L4, & L5	7,000 Hours
All other bias ply tires	5,000 Hours
Radial Ply Tires:	
Off-highway RL4	8,300 Hours
All other radial ply tires	6,000 Hours

APPENDIX G

EQUIPMENT EXTRAS

In addition to features required for safety, the following extras have been included with the major equipment listed in this pamphlet when they are not included with the basic cost and are offered by the manufacturer:

(1) Crane, Crawler-Mounted.

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

(2) Dragline and Clamshell, Crawler-Mounted.

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

(3) Backhoe and Shovel, Crawler-Mounted.

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

(4) Truck Crane Less than 25 Ton.

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

(5) Truck Crane 25 Ton and Larger.

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

(6) Excavators, Hydraulic.

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

(7) Grader.

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

(8) Belt Loader.

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

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

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

(10) Scraper.

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

(11) Tractor, Crawler.

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

(12) Tractor, Wheel Dozer.

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

(13) Trucks, Off-Highway.

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