LARRY CHENEY NPW

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US Army Corps
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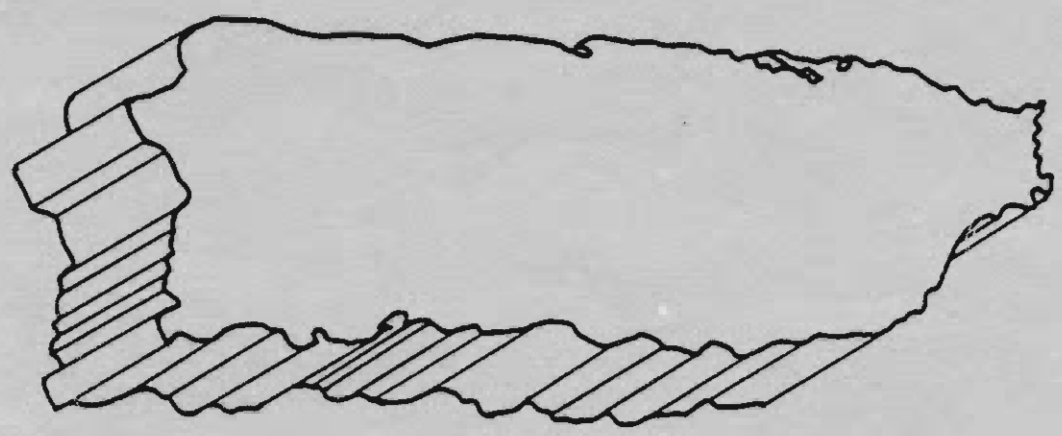
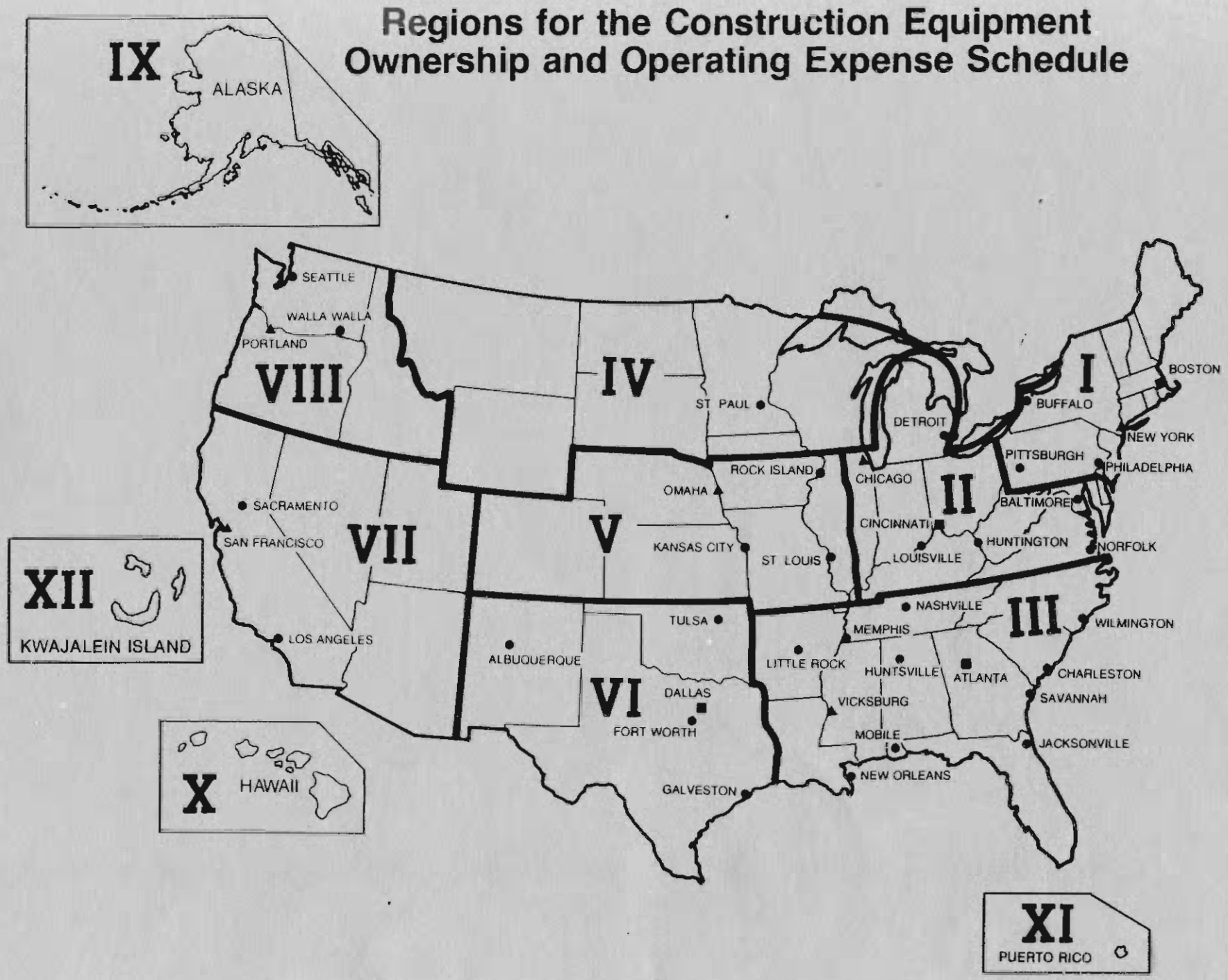
Office of the Chief
of Engineers

Construction Equipment Ownership and Operating Expense Schedule

Region XI



Regions for the Construction Equipment Ownership and Operating Expense Schedule



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

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Pamphlet
No. 1110-1-8

1 June 1986

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 XI which includes the following:

Puerto Rico

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 1984. 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:

Arthur E. Williams
ARTHUR E. WILLIAMS
Colonel, Corps of Engineers
Chief of Staff

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DEPARTMENT OF THE ARMY
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No. 1110-1-8

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Engineering and Design
CONSTRUCTION EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE

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CHAPTER 1

INTRODUCTION

1-1. Purpose. This pamphlet establishes predetermined equipment ownership and operating expense rates for use in preparation of estimates and in pricing negotiated procurements requiring independent Government estimates (see 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 XI, which includes the following commonwealth:

Puerto Rico

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 1984. 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 import tax are added to the discounted price to arrive at the predetermined "equipment cost."

(1) Depreciation.

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

(b) Salvage value for the used equipment was determined from the "Handbook of New and Used Construction Equipment Values" (Green Guide) and advertisements of used equipment for sale displayed in current engineering and construction magazines. The salvage value percentages used for each type of equipment are listed in APPENDIX D (column "SLV") as a percent of the "equipment cost" and are equal for both "Average Condition" and "Severe Condition." The percentages are adjusted by the economic adjustment factor (EAF) to bring the salvage value up to current price levels. The EAF factor is obtained from APPENDIX E and is equal to the economic index for the current year divided by the economic index for the year the equipment was manufactured. The ownership costs shown in TABLE 3-1 represent the hourly costs for new equipment manufactured and purchased in 1984.

(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 (9.75%) determined by the Secretary of the Treasury pursuant to P.L. 92-41 (85 Stat. 97) by the average value of equipment and prorating the result over the annual operating hours. This cost of money rate was discounted to 7.80% to avoid duplication when applying markups for overhead and profit.

$$CFC/hr = \frac{[(N-1)(1+S)+2] \ (\text{Equipment Cost}) \ (7.80\%)}{2N \ (\text{Work Hrs per Year})}$$

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

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

(3) Licenses, Taxes, Storage and Insurance. License fees, taxes, storage and insurance costs are considered indirect costs 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 3265

(1) Equipment Description P&H TRUCK CRANE, 50 TON

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

(3) Year Purchased 1984 (4) Year Manufactured 1984

(5) Equipment Horsepower 135 (6) Carrier Horsepower 236

(7) Fuel Type Diesel / Diesel (8) Shipping Weight 122,200 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 .006

(6) POG 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) =$ 410,908.00

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

=($ 410,908) x *.075 =(-)$ 30,818.10

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

=(1,222 cwt) x ($ 7.90) =(+)$ 9,653.70

b. Subtotal: Summation of Part a. (Use actual cost when available) =$ 389,743.70

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

=($ 389,744) x (.066) =(+)$ 25,723.08

c. Equipment Cost: Summation of Part b. (Use actual cost when available) =$ 415,466.78

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

Figure 2-1. Example of Equipment Rate Computation.

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

3. LIFE (N)

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

=(18,000 Hrs) ÷ (1,650 Hrs/Yr) 10.91 Yrs.

4. ECONOMIC ADJUSTMENT FACTOR (EAF)

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

=(3463) ÷ (3339) =1.037 (EAF)

5. SALVAGE VALUE FACTOR (S)

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

=(.15) x (1.037) =.156 (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))

=[($ 415,467) x [1.0 - (.156)] - ($ 9326)] ÷ (18,000 Hr) = $ 18.96 /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]

=[[(10.91 Yrs)-1.0] x [(.156)+1.0] + 2.0] ÷ [(10.91 Yrs) x 2.0] = .617

(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)

=($ 415,467) x (.617) x (.078) ÷ (1,650 Hrs/Yr) = $ 12.12 /Hr.

c. Total Hourly Ownership: (Sum 6-a + 6-b-(2)) = $ 31.09 /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 From 1-b-(4)) x (H.P. From 1-a-(5)) x (Fuel Cost Per Gal.)

=(.038) x (135 HP) x ($ .93 /Gal) =$ 4.77 /Hr.

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

=(.006) x (236 HP) x ($ 1.28 /Gal) =$ 1.81 /Hr.

(3) Total Fuel Costs: (Sum 7-a-(1), 7-a-(2)) =$ 6.58 /Hr. ✓

b. POG Costs:

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

=(.26) x ($ 4.77 /Hr) =$ 1.24 /Hrs.

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

=(.26) x ($ 1.81 /Hr) =$ .47 /Hr.

(3) Total POG Costs: (Sum 7-b-(1), 7-b-(2)) =$ 1.71 /Hr.

c. Repairs Cost:

(1) Repair Factor:

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

=(.60) x (1.037) x (.78) = .485

(2) Hourly Repairs:

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

=[($ 415,467) - ($ 9326)] x (.485) ÷ (18,000 Hr) =$ 10.94 /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 Ptr Frm 1-b-(7)) x (Max Tire Life Frm Tbl F-1)]

=1.5x($ 3,084)+ [1.8x(.97)x(5,000 Hr)] =$ .53 /Hr.

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

=1.5x($ 6,168)+ [1.8x(.78)x(5,000 Hr)] =$ 1.32 /Hr.

(3) Trailing Tires: 1.5x(Trlg Tires Cost) + [1.8x(T-Tire Ptr 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)) =$ 1.85 /Hr.

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

=($ 1.85) x 0.15 =$ .28 /Hr.

f. Total Operating Costs: (Sum 7-a thru 7-e) =$ 21.36 /Hr.

8. TOTAL HOURLY RATES

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

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

=($ 31.08 /Hr) + ($ 21.36 /Hr) =$ 52.44 /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)

=($ 18.96 /Hr) + [($ 12.12 /Hr)x40÷(60 Hr/Wk)] + ($ 21.36 /Hr) =$ 42.40 /Hr.

c. Hourly Standby Rate:

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

=($ 18.96 /Hr) x 0.25 + ($ 12.12 /Hr) =$ 16.86 /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.

$$CFC = \frac{[(N-1)\ (1+S) + 2]\ (7.80\%)}{2N}$$

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 OWNERSHIP EXPENSE ANNUAL DEPRE-CIATION	CFC	TOTAL
Hydraulic dredge, including hydraulic dredges used as Boosters:					
10-inch thru 14-inch	20	.05	4.75	4.28	9.03
16-inch thru 20-inch	25	.10	3.60	4.43	8.03
24-inch and over	30	.10	3.00	4.41	7.41
Booster & Barge:					
10-inch thru 14-inch	20	.05	4.75	4.28	9.03
16-inch thru 20-inch	25	.10	3.60	4.43	8.03
24-inch and over	30	.10	3.00	4.41	7.41
Dredge, Hopper	25	.10	3.60	4.43	8.03
Dredge, Hopper, split hull	20	.10	4.50	4.47	8.97
Dredge, clamshell/ dragline	20	.05	4.75	4.28	9.03
Dredge, Dipper/Hyd Excav	25	.05	3.80	4.24	8.04
Bucket Dredge	30	.10	3.00	4.41	7.41
Dump Scows	20	.05	4.75	4.28	9.03
Barges:					
Fuel	20	.05	4.75	4.28	9.03
Water	20	.05	4.75	4.28	9.03
Equipment or Work	20	.05	4.75	4.28	9.03
Derrick	20	.10	4.50	4.47	8.97
Anchor	20	.05	4.75	4.28	9.03
Drill Boat or Barge	20	.10	4.50	4.47	8.97
Mooring Barge	20	.05	4.75	4.28	9.03
Tugs	20	.10	4.50	4.47	8.97
Tenders	20	.10	4.50	4.47	8.97
Launches	12	.05	7.92	4.40	12.32
Shore Pipeline (Average)	3	0	33.33	5.20	38.53
Floating Line:					
Pontoons	15	0	6.67	4.16	10.83
Pipeline/Joints (Avg)	10	0	10.00	4.29	14.29

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 3185 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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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
	AGGREGATE SPREADER									
	ETNYRE - SELF-PROPELLED									
1015	SPREAD TO 8" DEPTH & 10' WIDE 184 HP G	58,052	24.40		2.96	6.30	11.73			155
1020	SPREAD TO 8" DEPTH & 13' WIDE 140 HP D	64,856	15.86		3.31	7.06	3.91			160
	AIR COMPRESSORS, PORTABLE (HOSE NOT INCLUDED)									
	ROTARY SCREW									
1035	SIZE 100 CFM QUIET 100 PSI 50 HP G	11,358	7.25		0.57	1.14	4.12			20
1040	SIZE 100 CFM QUIET 100 PSI 33 HP D	13,632	3.68		0.69	1.38	1.17			26
1045	SIZE 125 CFM QUIEI 100 PSI 70 HP G	13,897	9.84		0.70	1.40	5.77			24
1050	SIZE 125 CFM QUIET 100 PSI 51 HP D	14,784	4.66		0.75	1.49	1.80			26
1055	SIZE 175 CFM QUIET 100 PSI 70 HP G	15,167	10.04		0.77	1.53	5.77			26
1060	SIZE 175 CFM QUIET 100 PSI 54 HP D	17,204	5.19		0.87	1.74	1.91			28
1065	SIZE 185 CFM QUIET 100 PSI 70 HP G	15,660	10.12		0.79	1.58	5.77			27
1070	SIZE 185 CFM QUIET 100 PSI 69 HP D	18,464	6.07		0.93	1.87	2.44			29
1075	SIZE 250 CFM QUIET 100 PSI 88 HP D	27,556	8.39		1.40	2.79	3.11			55
1080	SIZE 375 CFM QUIET 100 PSI 122 HP D	34,199	11.03		1.72	3.41	4.31			79
1085	SIZE 450 CFM QUIET 100 PSI 152 HP D	44,274	14.00		2.24	4.44	5.37			89
1090	SIZE 600 CFM QUIET 100 PSI 188 HP D	53,127	17.05		2.68	5.33	6.64			97
1095	SIZE 750 CFM QUIET 100 PSI 228 HP D	61,666	20.24		3.12	6.20	8.06			128
1100	SIZE 825 CFM QUIET 100 PSI 260 HP D	70,108	23.03		3.54	7.06	9.19			130
1105	SIZE 900 CFM QUIET 100 PSI 270 HP D	76,840	24.56		3.89	7.75	9.54			148
1110	SIZE 1000 CFM QUIET 100 PSI 294 HP D	85,975	27.11		4.35	8.68	10.39			186
1115	SIZE 1200 CFM QUIET 100 PSI 400 HP D	102,737	34.58		5.20	10.38	14.14			196
1120	SIZE 1600 CFM QUIET 100 PSI 456 HP D	116,132	39.27		5.88	11.74	16.12			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									
1135	SCW-1042P SANDBLASTER 1/2" HOSE 101CFM A CAP. 100 LBS. W/ACC. AND 25' HOSE	1,529	0.89		0.14	0.36	0.00			3
1140	SCW-1440P SANDBLASTER 1" HOSE 101CFM A CAP. 150 LBS W/ACC. AND 50' HOSE	2,783	1.57		0.24	0.65	0.00			5
1145	SCWB-1648P SANDBLASTER 1" HOSE 101CFM A CAP. 300 LBS. W/ACC. AND 50' HOSE	2,805	1.58		0.24	0.65	0.00			6
1150	SCWB-2452HPSANDBLASTER 1-1/4" HOS 216CFM A CAP. 600 LBS. W/ACC. AND 50' HOSE	3,084	1.81		0.26	0.72	0.00			7
1155	SCH-3079 SANDBLASTER 1-1/4" PIPE 216CFM A CAP. 1400 LBS W/HOPPER & 50' HOSE	4,168	2.39		0.36	0.97	0.00			9
1160	MOD 60-H SANDBLASTER 1-1/4" PIPE 450CFM A CAP. 3-TONS W/2 NOZZ. & 50' HOSE	12,127	6.76		1.02	2.76	0.00			28
1165	MOD 120-H SANDBLASTER 1-1/4" PIPE 700CFM A CAP. 6-TONS W/3 NOZZ. & 50' HOSE	14,944	8.25		1.23	3.29	0.00			45
1170	MOD 160-H SANDBLASTER 1-1/4" PIPE 900CFM A CAP. 8-TONS W/4 NOZZ. & 50' HOSE	18,221	10.13		1.51	4.06	0.00			53
	GARDNER DENVER - TOOLS									
1180	SPADER SP27E 32CFM A	924	0.56		0.08	0.21	0.00			1
1185	SINKER DRILL S58 98CFM A	2,024	1.21		0.17	0.47	0.00			1
1190	PAVING BREAKER B37 41CFM A	949	0.57		0.08	0.22	0.00			1
1195	PAVING BREAKER B67C 46CFM A	1,017	0.62		0.09	0.24	0.00			1
1200	PAVING BREAKER B87C 50CFM A	1,106	0.66		0.10	0.26	0.00			1
1205	FEED LEG DRILL S83F-54" TRAVEL 103CFM A RETRACTABLE FL-7	3,717	2.15		0.32	0.87	0.00			1
	MASTER - CONCRETE VIBRATORS									
1215	CONCRETE VIBR. MOD A-600SH 6" 125CFM A	1,997	1.64		0.17	0.46	0.00			1
1220	CONCRETE VIBR. MOD A-450SH 4.5" 110CFM A	1,285	1.09		0.11	0.30	0.00			1
1225	CONCRETE VIBR. MOD A-35010 3.5" 82CFM A	1,154	0.97		0.10	0.27	0.00			1
1230	CONCRETE VIBR. MOD A-30010 3" 64CFM A	1,042	0.87		0.09	0.25	0.00			1
1235	CONCRETE VIBR. MOD A-25010 2.5" 40CFM A	817	0.67		0.07	0.19	0.00			1

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	AVERAGE COND. FUEL	SEVERE COND. OWNER-SHIP	SEVERE COND. FUEL	CWT
	ASPHALT DISTRIBUTOR - ROSCO ********** (NO CHASSIS)									
1245	MOD RES 1000 GAL. TRUCK MOUNTED 45 HP G 18,000 TO 24,000 GVW REQUIRED	31,871	10.66		1.64	3.52	3.71			72
1250	MOD RES 1500 GAL. TRUCK MOUNTED 45 HP G 24,000 TO 32,000 GVW REQUIRED	32,645	10.80		1.68	3.61	3.71			75
1255	MOD RES 2000 GAL. TRUCK MOUNTED 45 HP G 32,000 GVW REQUIRED	34,950	11.21		1.80	3.86	3.71			87
1260	MOD RES 3000 GAL. TRUCK MOUNTED 45 HP G 42,000 GVW REQUIRED	39,261	12.00		2.02	4.34	3.71			109
	ASPHALT FINISHERS ********** SPW=STANDARD PAVING WIDTH									
	BARBER-GREENE									
1270	MOD SB111 8´ SPW (PNEUMATIC) 70 HP D	92,074	20.34		4.70	10.02	2.47			165
1275	MOD SB131 10´ SPW (PNEUMATIC) 95 HP D W/VIB SCREED, AUTO. FEEDERS AND GR CONTROL	152,633	32.84		7.76	16.52	3.36			258
1280	MOD SB140 10´ SPW (PNEUMATIC) 130 HP D OPTIONS SAME AS MOD SB131	171,331	37.89		8.72	18.59	4.59			325
1285	MOD SA150 10´ SPW (CRAWLER) 130 HP D OPTIONS SAME AS MOD SB131	202,492	43.32		10.41	22.38	4.59			375
	BLAW-KNOX									
1295	MOD PF-22 5´-8´SPW (PNEUMATIC) 30 HP D	50,157	10.77		2.54	5.39	1.06			95
1300	MOD PF-35 6´-8´SPW (PNEUMATIC) 44 HP D	83,031	17.47		4.23	9.02	1.55			104
1305	MOD PF-115 8´SPW (PNEUMATIC) 56 HP D	111,044	23.27		5.65	12.05	1.98			180
1310	MOD PF-120H 10´SPW (PNEUMATIC) 95 HP D	134,701	29.51		6.84	14.53	3.36			240
1315	MOD PF-180H 10´SPW (PNEUMATIC) 92 HP D	160,094	34.16		8.13	17.27	3.25			277
1320	MOD PF-220 12´SPW (PNEUMATIC) 148 HP D	208,047	45.72		10.55	22.41	5.23			387
1325	MOD PF-400A 8´SPW (CRAWLER) 90 HP D	148,492	31.52		7.64	16.41	3.18			230
1330	MOD PF-500 10´SPW (CRAWLER) 125 HP D	178,722	38.71		9.19	19.76	4.42			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 **********									
1340	MOD KB 110 GAL. TRAILER MOUNTED	3,891	1.83		0.22	0.50	0.00			13
1345	MOD KD 225 GAL. TRAILER MOUNTED	4,523	2.08		0.26	0.59	0.00			16
	ASPHALT RECYCLER - BOMAG **********									
1355	MOD AR-6 TRAILER MOUNTED 8 HP G	10,667	4.73		0.61	1.39	0.66			21
	BROOMS - M-B **********									
1365	MOD 53T HYD 7 FT. TOWED MECH DRIVE W/SPRINKLER	6,798	1.34		0.34	0.71	0.00			24
1370	MOD 53-M 7 FT. TOWED 30 HP G MOTOR DRIVEN W/SPRINKLER	8,740	4.57		0.45	0.93	2.47			30
1375	MOD MT 7 FT. TRACTOR MOUNTED PTO DRIVE W/SPRINKLER	3,301	0.74		0.17	0.35	0.00			10
1380	MOD HT 7 FT. TRACTOR MOUNTED HYD DRIVE W/SPRINKLER	5,934	1.13		0.30	0.63	0.00			14
	BRUSH CHIPPERS - FMC **********									
1390	MOD C-16S SKID-MTD 16" DIA.LOG 150 HP G	12,128	13.50		0.62	1.34	8.62			41
1395	MOD C-16T TRAILER-MTD 16" DIA.LOG 150 HP G	13,272	13.83		0.68	1.45	8.62			45
	BUCKETS, CLAMSHELL **********									
	ESCO - MODEL GPS GENERAL PURPOSE & SQUARE NOSE									
1405	.75 C.Y.	10,569	1.81	2.30	0.54	1.21	0.00	1.44	0.00	37
1410	1.0 C.Y.	11,378	1.96	2.49	0.59	1.31	0.00	1.56	0.00	41
1415	1.5 C.Y.	16,485	2.83	3.60	0.85	1.89	0.00	2.26	0.00	61
1420	2.0 C.Y.	19,359	3.32	4.23	1.00	2.22	0.00	2.65	0.00	69
1425	2.5 C.Y.	24,975	4.31	5.46	1.30	2.88	0.00	3.42	0.00	88
1430	3.0 C.Y.	26,587	4.57	5.81	1.37	3.05	0.00	3.64	0.00	94
1435	3.5 C.Y.	28,916	4.98	6.32	1.50	3.33	0.00	3.96	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	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 GPS GEN PURPOSE & SQUARE NOSE (CONT'D)									
1440	4.0 C.Y.	32,055	5.51	7.00	1.66	3.68	0.00	4.39	0.00	115
1445	4.5 C.Y.	34,836	6.00	7.61	1.81	4.01	0.00	4.77	0.00	126
1450	5.0 C.Y.	37,151	6.39	8.12	1.92	4.27	0.00	5.09	0.00	140
1455	5.5 C.Y.	41,119	7.08	8.97	2.13	4.73	0.00	5.62	0.00	152
1460	6.0 C.Y.	42,798	7.36	9.35	2.21	4.92	0.00	5.86	0.00	160
1465	6.5 C.Y.	44,070	7.59	9.63	2.28	5.07	0.00	6.04	0.00	169
1470	7.0 C.Y.	46,381	7.98	10.13	2.40	5.33	0.00	6.35	0.00	177
1475	7.5 C.Y.	48,247	8.30	10.54	2.50	5.55	0.00	6.61	0.00	184
	ESCO - MODEL HDS HEAVY DUTY & SQUARE NOSE									
1485	.75 C.Y.	10,083	1.74	2.20	0.52	1.16	0.00	1.38	0.00	33
1490	1.0 C.Y.	14,038	2.41	3.06	0.73	1.61	0.00	1.92	0.00	46
1495	1.5 C.Y.	20,609	3.55	4.50	1.07	2.37	0.00	2.82	0.00	70
1500	2.0 C.Y.	22,345	3.84	4.88	1.15	2.56	0.00	3.06	0.00	78
1505	2.5 C.Y.	28,100	4.83	6.13	1.45	3.23	0.00	3.84	0.00	98
1510	3.0 C.Y.	30,938	5.33	6.75	1.60	3.56	0.00	4.23	0.00	109
1515	3.5 C.Y.	35,550	6.12	7.77	1.84	4.09	0.00	4.87	0.00	120
1520	4.0 C.Y.	38,395	6.61	8.39	1.99	4.42	0.00	5.26	0.00	131
1525	4.5 C.Y.	41,393	7.12	9.03	2.14	4.76	0.00	5.66	0.00	141
1530	5.0 C.Y.	44,417	7.64	9.70	2.30	5.11	0.00	6.08	0.00	155
1535	5.5 C.Y.	47,016	8.08	10.27	2.43	5.40	0.00	6.44	0.00	164
1540	6.0 C.Y.	49,479	8.51	10.81	2.56	5.69	0.00	6.78	0.00	174
1545	6.5 C.Y.	52,251	8.99	11.41	2.70	6.01	0.00	7.15	0.00	185
1550	7.0 C.Y.	54,589	9.39	11.92	2.82	6.27	0.00	7.47	0.00	193
1555	7.5 C.Y.	56,887	9.79	12.43	2.94	6.54	0.00	7.79	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									
1565	.75 C.Y.	15,957	2.75	3.48	0.83	1.84	0.00	2.18	0.00	50
1570	1.0 C.Y.	16,301	2.80	3.56	0.84	1.87	0.00	2.23	0.00	55
1575	1.5 C.Y.	23,550	4.05	5.14	1.22	2.71	0.00	3.22	0.00	81
1580	2.0 C.Y.	29,019	5.00	6.34	1.50	3.34	0.00	3.97	0.00	99
1585	2.5 C.Y.	32,682	5.63	7.13	1.69	3.76	0.00	4.47	0.00	115
1590	3.0 C.Y.	35,649	6.13	7.79	1.84	4.10	0.00	4.88	0.00	127
1595	3.5 C.Y.	38,498	6.63	8.41	1.99	4.43	0.00	5.27	0.00	141
1600	4.0 C.Y.	41,000	7.06	8.95	2.13	4.72	0.00	5.61	0.00	150
1605	4.5 C.Y.	42,760	7.36	9.34	2.21	4.92	0.00	5.85	0.00	160
1610	5.0 C.Y.	46,496	7.99	10.15	2.40	5.34	0.00	6.36	0.00	173
1615	5.5 C.Y.	49,448	8.50	10.80	2.55	5.68	0.00	6.77	0.00	185
1620	6.0 C.Y.	52,165	8.98	11.39	2.70	6.00	0.00	7.14	0.00	195
1625	6.5 C.Y.	55,148	9.49	12.04	2.85	6.34	0.00	7.54	0.00	208
1630	7.0 C.Y.	57,355	9.87	12.53	2.97	6.60	0.00	7.85	0.00	218
1635	7.5 C.Y.	60,273	10.37	13.16	3.12	6.93	0.00	8.25	0.00	229
	BUCKETS, CONCRETE - GAR-BRO **********									
	GENERAL PURPOSE & MANUAL									
1645	433-G 1.0 C.Y.	1,594	0.27		0.08	0.18	0.00			6
1650	442-G 1.5 C.Y.	1,994	0.33		0.10	0.22	0.00			8
1655	462-G 2.0 C.Y.	2,583	0.43		0.13	0.28	0.00			11
1660	493-G 3.0 C.Y.	3,655	0.62		0.19	0.41	0.00			19
1665	4123-G 4.0 C.Y.	4,582	0.77		0.24	0.51	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									
1675	440-A 1.0 C.Y.	6,596	1.11		0.34	0.73	0.00			19
1680	450-A 1.5 C.Y.	6,851	1.15		0.36	0.76	0.00			21
1685	460-A 2.0 C.Y.	7,130	1.20		0.37	0.79	0.00			23
1690	493-A 3.0 C.Y.	9,395	1.58		0.49	1.04	0.00			42
1695	4139-A 4.0 C.Y.	9,800	1.65		0.51	1.09	0.00			52
1700	4200-A 6.0 C.Y. DBL. COMPT.	14,146	2.38		0.73	1.57	0.00			72
1705	4250-A 8.0 C.Y. DBL. COMPT.	16,907	2.84		0.88	1.88	0.00			80
	LAYDOWN - HEAVY DUTY - AIR GATE									
1715	425-A 1.0 C.Y.	7,471	1.26		0.39	0.83	0.00			26
1720	465-A 2.0 C.Y.	8,349	1.40		0.43	0.92	0.00			31
1725	495-A 3.0 C.Y.	9,690	1.63		0.50	1.08	0.00			40
1730	4125-A 4.0 C.Y.	10,800	1.81		0.55	1.19	0.00			49
1735	4155-A 5.0 C.Y.	12,656	2.12		0.65	1.40	0.00			60
	BUCKETS, DRAGLINE									
	HENDRIX - MODEL LS LIGHT WEIGHT & PERFORATED									
1750	.75 C.Y.	3,551	0.61	0.77	0.19	0.41	0.00	0.48	0.00	15
1755	1.0 C.Y.	4,214	0.73	0.91	0.22	0.49	0.00	0.57	0.00	18
1760	1.5 C.Y.	5,160	0.89	1.12	0.27	0.60	0.00	0.70	0.00	26
1765	2.0 C.Y.	6,098	1.05	1.33	0.32	0.70	0.00	0.83	0.00	32
1770	2.5 C.Y.	7,162	1.23	1.56	0.37	0.82	0.00	0.98	0.00	37
1775	3.0 C.Y.	8,832	1.51	1.93	0.46	1.01	0.00	1.21	0.00	46
1780	3.5 C.Y.	9,763	1.68	2.14	0.51	1.12	0.00	1.34	0.00	50
1785	4.0 C.Y.	11,910	2.04	2.60	0.61	1.36	0.00	1.63	0.00	65
1790	4.5 C.Y.	12,645	2.18	2.76	0.66	1.46	0.00	1.73	0.00	69
1795	5.0 C.Y.	15,272	2.63	3.34	0.79	1.76	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)									
1800	6.0 C.Y.	16,545	2.85	3.61	0.86	1.91	0.00	2.26	0.00	90
1805	7.0 C.Y.	18,099	3.11	3.96	0.93	2.08	0.00	2.48	0.00	101
1810	8.0 C.Y.	20,065	3.45	4.38	1.03	2.30	0.00	2.74	0.00	112
1815	9.0 C.Y.	23,170	3.98	5.06	1.20	2.66	0.00	3.17	0.00	128
1820	10.0 C.Y.	25,181	4.33	5.49	1.30	2.89	0.00	3.44	0.00	139
1825	12.0 C.Y.	30,936	5.33	6.75	1.60	3.56	0.00	4.23	0.00	166
1830	14.0 C.Y.	35,571	6.12	7.77	1.84	4.09	0.00	4.87	0.00	191
	HENDRIX - MODEL TS, MEDIUM WEIGHT									
1840	.75 C.Y.	4,136	0.72	0.91	0.22	0.48	0.00	0.57	0.00	17
1845	1.0 C.Y.	5,081	0.88	1.11	0.27	0.59	0.00	0.70	0.00	19
1850	1.5 C.Y.	6,279	1.08	1.37	0.32	0.72	0.00	0.86	0.00	28
1855	2.0 C.Y.	7,496	1.29	1.64	0.39	0.86	0.00	1.03	0.00	36
1860	2.5 C.Y.	8,641	1.48	1.88	0.44	0.99	0.00	1.19	0.00	41
1865	3.0 C.Y.	10,331	1.78	2.25	0.54	1.19	0.00	1.41	0.00	49
1870	3.5 C.Y.	11,408	1.96	2.49	0.59	1.31	0.00	1.56	0.00	54
1875	4.0 C.Y.	13,713	2.36	3.00	0.71	1.58	0.00	1.88	0.00	70
1880	4.5 C.Y.	14,657	2.53	3.20	0.76	1.69	0.00	2.00	0.00	72
1885	5.0 C.Y.	18,789	3.23	4.10	0.98	2.16	0.00	2.57	0.00	93
1890	6.0 C.Y.	19,416	3.34	4.24	1.00	2.23	0.00	2.66	0.00	96
1895	7.0 C.Y.	22,166	3.82	4.85	1.15	2.55	0.00	3.04	0.00	111
1900	8.0 C.Y.	24,405	4.20	5.33	1.27	2.81	0.00	3.34	0.00	122
1905	9.0 C.Y.	29,223	5.03	6.38	1.52	3.36	0.00	4.00	0.00	149
1910	10.0 C.Y.	31,123	5.35	6.80	1.61	3.57	0.00	4.26	0.00	159
1915	12.0 C.Y.	39,665	6.81	8.66	2.05	4.55	0.00	5.43	0.00	202
1920	14.0 C.Y.	44,167	7.59	9.65	2.28	5.07	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									
1930	2.75 C.Y.	16,540	2.84	3.61	0.86	1.90	0.00	2.26	0.00	69
1935	3.0 C.Y.	17,203	2.96	3.75	0.89	1.98	0.00	2.35	0.00	72
1940	3.5 C.Y.	19,262	3.31	4.21	1.00	2.21	0.00	2.64	0.00	81
1945	4.0 C.Y.	25,769	4.43	5.63	1.33	2.96	0.00	3.53	0.00	110
1950	4.5 C.Y.	28,809	4.95	6.30	1.49	3.31	0.00	3.95	0.00	123
1955	5.0 C.Y.	29,749	5.12	6.51	1.54	3.42	0.00	4.08	0.00	127
1960	6.0 C.Y.	31,859	5.49	6.96	1.65	3.67	0.00	4.36	0.00	136
1965	7.0 C.Y.	40,511	6.97	8.84	2.10	4.66	0.00	5.54	0.00	175
1970	8.0 C.Y.	41,665	7.17	9.10	2.16	4.79	0.00	5.70	0.00	180
1975	9.0 C.Y.	53,004	9.12	11.58	2.74	6.09	0.00	7.26	0.00	234
1980	10.0 C.Y.	54,888	9.44	12.00	2.84	6.31	0.00	7.52	0.00	243
1985	12.0 C.Y.	65,280	11.23	14.25	3.38	7.50	0.00	8.93	0.00	289
1990	14.0 C.Y.	69,505	11.96	15.19	3.60	7.99	0.00	9.52	0.00	309
	SAUERMAN - CRESCENT SCRAPER									
	WITH DRAGLINE CONVERSION KIT									
2000	SC-1050-K 1.0 C.Y.	9,938	1.71	2.17	0.51	1.14	0.00	1.36	0.00	15
2005	SC-1060-K 1.5 C.Y.	12,730	2.19	2.78	0.66	1.46	0.00	1.74	0.00	20
2010	SC-1070-K 2.0 C.Y.	17,442	3.00	3.81	0.90	2.00	0.00	2.39	0.00	25
2015	SC-1090-K 3.0 C.Y.	23,080	3.98	5.04	1.20	2.66	0.00	3.16	0.00	36
2020	SC-1100-K 4.0 C.Y.	34,487	5.94	7.52	1.79	3.97	0.00	4.71	0.00	49
2025	SC-1110-K 5.0 C.Y.	39,328	6.76	8.60	2.03	4.52	0.00	5.39	0.00	58
2030	SC-1120-K 6.0 C.Y.	47,660	8.20	10.41	2.47	5.48	0.00	6.52	0.00	68
2035	SC-1130-K 8.0 C.Y.	57,920	9.96	12.64	2.99	6.65	0.00	7.92	0.00	88
2040	SC-1140-K 10.0 C.Y.	70,274	12.09	15.35	3.63	8.08	0.00	9.62	0.00	106
2045	SC-1150-K 12.0 C.Y.	81,552	14.03	17.82	4.22	9.38	0.00	11.17	0.00	132

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
	COMPACTORS, MANUALLY OPERATED **********									
2055	UR-12 INGERSOLL-RAND RAMMER 3 HP G	1,707	0.98		0.12	0.28	0.34			1
2060	BS45Y WACKER RAMMER 3 HP G	1,693	0.98		0.12	0.28	0.34			1
2065	BS65Y WACKER RAMMER 4 HP G	3,074	1.57		0.20	0.50	0.45			2
2070	GVR151Y WACKER RAMMER 5 HP G	2,399	1.51		0.16	0.40	0.57			2
2075	GVR220Y WACKER RAMMER 6 HP G	3,074	1.85		0.20	0.50	0.68			2
2080	VPG160B WACKER VIBRO PLATE 4 HP G	1,329	0.99		0.08	0.21	0.45			2
2085	VPG260K WACKER VIBRO PLATE 7 HP G	1,893	1.61		0.12	0.31	0.80			3
2090	BT-50 BOMAG TAMPING 4 HP G	1,885	1.18		0.12	0.31	0.45			1
2095	BT-71 BOMAG TAMPING 4 HP G	2,350	1.34		0.16	0.39	0.45			2
2100	BP-11K BOMAG VIBRO PLATE 4 HP G	1,690	1.12		0.12	0.28	0.45			3
2105	BP-19/75 BOMAG VIBRO PLATE 5 HP D	3,191	1.37		0.22	0.53	0.25			4
2110	BP-30 BOMAG VIBRO PLATE 5 HP D	5,776	2.23		0.39	0.96	0.25			5
2115	BP-50 BOMAG VIBRO PLATE 7 HP D	8,572	3.27		0.57	1.42	0.35			9
2120	BW-75E BOMAG WALK BEHIND S/D 5 HP D	7,400	2.75		0.49	1.22	0.25			10
2125	BW-35 BOMAG WALK BEHIND D/D 4 HP D	9,186	3.29		0.61	1.52	0.20			11
2130	BW-60SE BOMAG D/D ROLLER 8 HP D	12,739	4.69		0.85	2.10	0.39			20
2135	BW-90SE BOMAG D/D ROLLER 13 HP D	16,076	6.10		1.07	2.65	0.64			30
2140	VPG600 WACKER VIBRO PLATE 9 HP G	3,491	2.43		0.24	0.58	1.02			7
2145	DPS2350 WACKER VIBRO PLATE 7 HP D	3,681	1.64		0.24	0.60	0.35			4
2150	DPU5050 WACKER VIBRO PLATE 11 HP D	12,370	4.76		0.83	2.04	0.54			10
2155	W 55 T WACKER D/D ROLLER 8 HP D	11,325	4.22		0.75	1.87	0.39			17
2160	W 74 T WACKER D/D ROLLER 8 HP D	12,738	4.69		0.85	2.10	0.39			19
	CONCRETE BUGGIES - AEROIL **********									
2170	5 CF WALK-BEHIND 5 HP G	1,813	1.08		0.12	0.30	0.44			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	1,491	1.23		0.10	0.25	0.62			2
2185	MOD RF2B4 DOUBLTROWEL	16 HP	G	5,883	3.48		0.40	0.98	1.42			7
2190	MOD RF3B3 TRIPLTROWEL	16 HP	G	7,585	3.95		0.51	1.26	1.42			9
	CONCRETE MIXERS **********											
2200	PORTABLE CONCRETE MIXER 2.5 CF	1 HP	E	694	0.29		0.04	0.09	0.08			2
2205	PORTABLE CONCRETE MIXER 3.5 CF	1 HP	E	715	0.31		0.04	0.10	0.08			3
2210	PORTABLE CONCRETE MIXER 6.0 CF	7 HP	G	2,138	1.39		0.14	0.33	0.62			7
2215	PORTABLE MORTAR MIXER 6.0 CF	7 HP	G	1,715	1.28		0.11	0.27	0.62			6
	CONCRETE PAVERS **********											
	CMI											
2225	MOD SF - 175 SLIPFORM PAVER CURBS, MEDIANS, AND SIDEWALKS	142 HP	D	134,807	31.36		6.94	14.90	5.02			263
2230	MOD SF - 250 26' WIDE SLIPFORM UNIT, 0-80 FT/MIN, CRAWLER MTD.	208 HP	D	239,363	53.66		12.31	26.45	7.35			470
2235	MOD SUBURBAN 25' WIDE SLIPFORM UNIT, 0-60 FT/MIN, CRAWLER MTD.	250 HP	D	422,869	89.49		21.74	46.74	8.83			720
	GOMACO											
2245	MOD C-650 24' WIDE FORM PAVER W/4' FINISHING CYLINDERS	65 HP	G	27,686	12.21		1.42	3.04	5.36			91
2250	MOD HW-165 16'-6" WIDE SLIPFORM UNIT. AUTO VIBRATORS, CRLR MTD	100 HP	D	126,911	27.99		6.53	14.03	3.53			255
	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	25,406	6.57		1.46	3.43	0.62			45
2265	R900 PNEUM. GUN N-2 6-10 CY/HR INCL. TRAILER. HOSE, HOPPER, AND FEEDER. REQ 600 CFM COMP.	20 HP	D	29,064	7.95		1.67	3.93	1.04			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	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CONCRETE PLACERS, SHOTCRETE (CONT'D) **********									
	ALLENTOWN (CONT'D)									
2270	GR600 ROTARY GUN 1-6 CY/HR 550CFM A INCL. HOSE,REQ. 550 CFM COMP.	8,360	2.10		0.48	1.12	0.00			9
2275	GR1200 ROTARY GUN 4-12 CY/HR 770CFM A INCL. HOSE,REQ. 770 CFM COMP.	16,317	4.03		0.94	2.21	0.00			18
	CHALLENGE SQUEEZ-CRETE									
2285	250-D FOR WET SHOTCRETE 25 CY/HR 62 HP D TRAILER MOUNTED INCL. HOSE	45,445	14.48		2.63	6.21	3.23			70
	CONCRETE PUMPS **********									
	MORGEN									
2295	MOD 204-305 TRAILER MTD 60 CY/HR 110 HP D	54,038	19.64		3.12	7.39	5.73			70
2300	MOD 203-420 BOOM 72'-VT 120 CY/HR 210 HP D INCLUDES 24500 GVW TRUCK	147,690	52.98		8.50	20.09	15.05			255
	SCHWING									
2310	MOD BPA 350 TRAILER MTD 60 CY/HR 67 HP D	46,104	14.97		2.66	6.30	3.49			66
2315	MOD BPA 650 TRAILER MTD 60 CY/HR 152 HP D	72,103	26.57		4.15	9.78	7.92			98
2320	MOD BPA 901 TRAILER MTD 135 CY/HR 152 HP D	74,075	27.02		4.26	10.05	7.92			98
2325	MOD BP 3000 TRAILER MTD 127 CY/HR 177 HP D	98,102	34.15		5.66	13.39	9.22			130
2330	MOD BP 5000 TRAILER MTD 151 CY/HR 300 HP D	125,937	48.69		7.27	17.21	15.62			150
2335	MOD BPL 580 TRUCK MTD 72 CY/HR 175 HP D INCLUDING TRUCK AND 75' BOOM	152,292	50.94		8.73	20.53	12.54			302
2340	MOD BPL 801 TRUCK MTD 107 CY/HR 175 HP D INCLUDING TRUCK AND 92' BOOM	218,743	66.07		12.56	29.61	12.54			321
2345	MOD BPL1200 TRUCK MTD 147 CY/HR 239 HP D INCLUDING TRUCK AND 102' BOOM	268,348	83.34		15.40	36.29	17.13			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 8BCC 5" DEPTH OF CUT 8 HP G	1,678	1.57		0.09	0.22	0.91			3
2360	MOD 12WCC 5" DEPTH OF CUT 12 HP G	2,096	2.27		0.12	0.28	1.36			3
2365	MOD 14TCC 5" DEPTH OF CUT 14 HP G	2,075	2.57		0.12	0.28	1.59			3
2370	MOD 140MR 8" DEPTH OF CUT 14 HP G	4,549	3.13		0.27	0.61	1.59			6
2375	MOD 185MR 8" DEPTH OF CUT 18 HP G	5,398	4.02		0.34	0.77	2.05			7
2380	MOD 300MR 8" DEPTH OF CUT 30 HP G	6,570	5.99		0.39	0.88	3.41			7
2385	MOD 350MCA 10" DEPTH OF CUT 35 HP G	9,771	7.43		0.56	1.29	3.98			12
2390	MOD 665MCA 15" DEPTH OF CUT 65 HP G	13,118	12.67		0.75	1.72	7.39			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)	205,570	33.10	40.43	9.80	19.98	2.59	22.79	3.29	648
	MOD 597-C 1.25 CY T/C 114 HP D 14'-7" CRAWLERS W/32" SHOES									
2405	DRAGLINE OR CLAMSHELL (LESS BUCKET)	285,772	39.99	47.10	12.52	23.84	3.18	26.26	4.03	814
2410	CRANE 35-T W/65' BOOM	287,496	37.12	42.89	12.60	23.99	2.54	26.42	3.29	803
	MOD 599-A LIFTING CRANE T/C 114 HP D 16'-0" CRAWLERS W/32" SHOES									
2420	CRANE 50-T W/75' BOOM	313,699	40.23	46.44	13.75	26.18	2.54	28.83	3.29	962
	MOD 5299-A LIFTING CRANE T/C 125 HP D 17'-6" CRAWLERS W/36" SHOES									
2430	CRANE 60-T W/80' BOOM	327,663	42.18	48.70	14.36	27.34	2.79	30.11	3.60	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)	391,463	55.18	65.02	17.15	32.66	4.69	35.97	5.94	1278
2445	CRANE 40-T W/75' BOOM	383,207	49.91	57.71	16.79	31.98	3.75	35.21	4.84	1262
	MOD 7250 STEEL ERECTOR T/C 168 HP D 17'-6" CRAWLERS W/33" SHOES									
2455	CRANE 60-T W/80' BOOM	406,391	48.46	54.86	16.77	30.19	3.75	32.51	4.84	1421
	MOD 7260 LIFTING CRANE T/C 168 HP D 19'-6" CRAWLERS W/38" SHOES									
2465	CRANE 100T W/200' BOOM	498,290	58.39	65.93	20.57	37.02	3.75	39.86	4.84	1886
	MOD 999-C STEEL ERECTOR T/C 287 HP D 23'-9" CRAWLERS W/38" SHOES									
2475	CRANE 110-T W/200' BOOM	680,487	81.31	92.06	28.08	50.55	6.41	54.45	8.27	2792
	MOD 9260 4.5 CY T/C 287 HP D 23'-9" CRAWLERS W/38" SHOES									
2485	CRANE 125T W/270' BOOM	711,685	84.68	95.82	29.37	52.87	6.41	56.94	8.27	3150
2490	DRAGLINE OR CLAMSHELL (LESS BUCKET)	685,054	88.37	101.81	28.27	50.89	8.01	54.80	10.14	2950
	MOD 9270 LIFT CR TAPERED TIP T/C 287 HP D 23'-9" CRAWLERS W/44" SHOES									
2500	CRANE 150T W/280' BOOM	770,520	91.03	102.91	31.79	57.24	6.41	61.65	8.27	3400
	MOD 9299 LIFTING CRANE T/C 287 HP D 24'-11" CRAWLERS W/44" SHOES									
2510	CRANE 165T W/290' BOOM	809,836	92.24	103.18	32.38	56.45	6.41	60.16	8.27	3580
	MOD 9310 LIFTING CRANE T/C 287 HP D 28'-2" CRAWLERS W/50" SHOES									
2520	CRANE 225T W/280' BOOM	851,477	96.58	107.95	34.06	59.36	6.41	63.25	8.27	3990

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	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)	217,554	35.65	43.56	10.36	21.14	3.21	24.12	4.06	647
2540	CRANE 28-T W/50' BOOM	222,297	29.42	34.08	9.74	18.55	2.57	20.42	3.32	651
	MOD 30-B SER 5 HVY DUTY 1.5 CY 144 HP D 14'-7" CRAWLERS W/36" SHOES									
2550	BACKHOE	281,620	55.09	70.05	14.49	31.23	4.69	37.03	6.16	792
2555	DRAGLINE OR CLAMSHELL (LESS BUCKET)	314,027	44.57	52.56	13.76	26.20	4.02	28.86	5.09	833
2560	CRANE 35-T W/60' BOOM	315,625	41.25	47.73	13.83	26.34	3.21	29.00	4.15	831
	MOD 38-B SER 2 HVY DUTY 2 CY T/C 178 HP D 17'-5" CRAWLERS W/36" SHOES									
2570	SHOVEL	401,538	77.46	98.46	20.66	44.52	5.79	52.79	7.61	1279
2575	DRAGLINE OR CLAMSHELL (LESS BUCKET)	411,464	58.04	68.40	18.03	34.33	4.97	37.81	6.29	1192
	MOD 61-B SER 2 3.25 CY T/C 205 HP D 15'-11" CRAWLERS W/33" SHOES									
2585	SHOVEL	574,435	98.80	120.87	27.36	55.81	6.67	63.70	8.77	1762
2590	BACKHOE	549,863	94.93	116.15	26.19	53.43	6.67	60.97	8.77	1727
2595	DRAGLINE OR CLAMSHELL (LESS BUCKET)	567,927	72.14	82.98	23.43	42.19	5.72	45.44	7.24	1570
2600	CRANE 51-T W/70' BOOM	555,636	65.60	74.13	22.93	41.28	4.58	44.45	5.91	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	699,526	82.16	92.81	28.87	51.97	5.42	55.97	7.01	2123
2615	DRAGLINE OR CLAMSHELL (LESS BUCKET)	668,499	84.98	97.76	27.59	49.67	6.78	53.49	8.59	1973
	MOD 71-B SER 3 4.25 CY T/C 246 HP D 16'-10" CRAWLERS W/36" SHOES									
2625	SHOVEL	692,110	119.01	145.57	32.97	67.29	8.01	76.74	10.52	2096
2630	BACKHOE	654,661	113.10	138.40	31.18	63.61	8.01	72.60	10.52	2000

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES			ADJUSTABLE ELEMENTS				CWT
			CONDITION		STAND-BY	AVERAGE COND.		SEVERE COND.		
			AVERAGE	SEVERE		OWNER-SHIP	FUEL	OWNER-SHIP	FUEL	
	CRANES, SHOVEL,B/H,DRAGLINE (CONT'D)									
	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)	620,733	79.59	91.64	25.61	46.11	6.86	49.66	8.69	1820
	MOD 88-B SER 4 5.5 CY T/C 365 HP D 17'-10" CRAWLERS W/36" SHOES									
2645	SHOVEL	982,274	165.55	197.47	43.95	88.39	11.88	98.65	15.61	2822
2650	DRAGLINE OR CLAMSHELL (LESS BUCKET)	808,323	101.67	116.01	32.33	56.35	10.18	60.05	12.90	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	216,715	28.63	33.15	9.49	18.08	2.46	19.91	3.17	772
	MOD LS-118 LIFTING CRANE T/C 165 HP D 17'-0" CRAWLERS W/30" SHOES									
2675	CRANE 60-T W/80' BOOM	342,870	41.52	47.11	14.15	25.47	3.68	27.43	4.76	1232
	MOD LS-338 LIFTING CRANE T/C 171 HP D 20'-0" CRAWLERS W/38" SHOES									
2685	CRANE 100-T W/200' BOOM	470,553	55.48	62.69	19.42	34.96	3.82	37.65	4.93	1512
	MOD LS-518 LIFTING CRANE T/C 245 HP D 24'-4" CRAWLERS W-44" SHOES									
2695	CRANE 150-T W/250' BOOM	709,439	83.29	94.07	29.28	52.71	5.47	56.76	7.06	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)	490,000	66.00	76.34	20.23	36.41	8.01	39.20	10.14	2306
2715	CRANE 100T W/210' BOOM	538,178	65.94	74.92	22.21	39.98	6.41	43.06	8.27	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 T/C 300 D 24'-0" CRAWLERS W/48" SHOES									
2730	CRANE 140T W/250' BOOM 300 HP D	635,952	76.85	87.15	26.24	47.24	6.70	50.88	8.65	2815
	MOD 4100W VICON SER1 5 CY T/C 360 HP D 26'-6" CRAWLERS W/48" SHOES									
2740	DRAGLINE OR CLAMSHELL (LESS BUCKET)	824,225	106.82	123.14	34.01	61.23	10.04	65.95	12.72	3738
2745	CRANE 200T W/260' BOOM	884,829	102.07	114.39	35.39	61.68	8.04	65.73	10.38	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	1,305,694	154.87	174.30	52.22	91.02	15.29	97.00	19.75	5200
2760	DRAGLINE OR CLAMSHELL (LESS BUCKET)	1,292,007	166.03	189.87	51.67	90.07	19.11	95.98	24.21	5100
	NORTHWEST - CRAWLER TYPE									
	MOD 50-D/5045 1.5 CY T/C 238 HP D 15'-4" CRAWLERS W/30" SHOES									
2775	DRAGLINE OR CLAMSHELL (LESS BUCKET)	291,521	44.87	53.20	12.77	24.32	6.64	26.78	8.41	954
2780	CRANE 45-T W/60' BOOM	288,273	40.53	47.28	12.63	24.05	5.31	26.49	6.86	947
	MOD 80-D 2.5 CY T/C 263 HP D 15'-10" CRAWLERS W/30" SHOES									
2790	SHOVEL	482,118	94.93	120.76	24.80	53.46	8.56	63.38	11.25	1510
2795	DRAGLINE OR CLAMSHELL (LESS BUCKET)	415,201	61.37	72.55	18.20	34.65	7.34	38.15	9.29	1274
2800	CRANE 40-T W/50' BOOM	408,428	55.44	64.42	17.90	34.08	5.87	37.53	7.58	1267
	MOD 9570-WT 4.0 CY T/C 304 HP D 19'-0" CRAWLERS W/38" SHOES									
2810	DRAGLINE OR CLAMSHELL (LESS BUCKET)	471,945	64.50	74.72	19.48	35.06	8.48	37.76	10.74	1580
2815	CRANE 60-T W/50' BOOM	465,105	58.51	66.71	19.19	34.55	6.79	37.21	8.76	1565

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
	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	780,339	137.38	168.35	37.17	75.82	11.65	86.53	15.32	2571
2830	DRAGLINE OR CLAMSHELL (LESS BUCKET)	677,336	89.90	103.87	27.95	50.31	9.99	54.19	12.65	2365
2835	CRANE 97.5-T W/170' BOOM	704,800	85.86	97.49	29.08	52.35	7.99	56.39	10.32	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)	724,423	95.57	109.62	28.97	50.50	12.72	53.82	16.12	2740
2850	CRANE 100-T W/170' BOOM	763,045	94.83	107.95	31.49	56.69	10.18	61.05	13.15	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)	319,851	45.18	53.24	14.02	26.69	3.91	29.39	4.95	989
2870	CRANE 60-T W/80' BOOM	329,812	39.43	44.66	13.61	24.50	3.12	26.39	4.04	1157
	MOD 670WLC 2 CY T/C 198 HP D 18'-6" CRAWLERS W/30" SHOES									
2880	DRAGLINE OR CLAMSHELL (LESS BUCKET)	399,731	57.22	67.52	17.51	33.35	5.52	36.73	7.00	1344
2885	CRANE 70-T W/150' BOOM	415,530	50.27	57.02	17.15	30.87	4.42	33.24	5.71	1466
	MOD 5100 3 CY T/C 236 HP D 21'-6" CRAWLERS W/36" SHOES									
2890	DRAGLINE OR CLAMSHELL (LESS BUCKET)	481,771	63.31	73.07	19.88	35.79	6.58	38.54	8.34	1775
2895	CRANE 100-T W/210' BOOM	508,319	61.32	69.53	20.98	37.76	5.27	40.67	6.80	1850
	MOD 5300A LIFTING CRANE T/C 378 HP D 32'-8" CRAWLERS W/48" SHOES									
2900	CRANE 300-T W/320' BOOM	1,495,698	166.15	185.13	59.82	104.27	8.44	111.11	10.90	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	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	114,536	19.29		4.81	9.15	3.96			410
2915	MOD RT515 15 TON 115 HP D	122,815	20.40		5.17	9.84	4.06			418
2920	MOD RT518 18 TON 115 HP D	138,857	22.50		5.83	11.08	4.06			452
2925	MOD RT522 22 TON 115 HP D	151,982	24.07		6.38	12.14	4.06			498
2930	MOD RT625 25 TON 156 HP D	202,302	31.57		8.51	16.20	5.51			560
2935	MOD RT740 40 TON 170 HP D	282,063	42.94		11.82	22.44	6.01			758
2940	MOD RT755 55 TON 170 HP D	336,482	49.95		14.08	26.68	6.01			839
2945	MOD RT865 65 TON 208 HP D	414,507	61.08		17.38	33.02	7.35			1100
2950	MOD RT980 80 TON 230 HP D	534,801	77.55		22.39	42.42	8.13			1320
2955	MOD RT1650 165 TON 512 HP D	1,009,109	149.77		42.25	80.09	18.09			2400
	LORAIN									
2965	MOD LRT150 15 TON 114 HP D	117,059	19.64		4.93	9.38	4.03			438
2970	MOD LRT180 18 TON 121 HP D	126,113	21.02		5.31	10.12	4.28			450
2975	MOD LRT330 33 TON 180 HP D	196,152	32.59		8.23	15.65	6.36			570
	P & H									
2985	MOD OMEGA 115 15 TON 125 HP D	127,172	21.40		5.36	10.20	4.42			436
2990	MOD OMEGA 118 18 TON 125 HP D	138,584	22.73		5.84	11.13	4.42			437
2995	MOD OMEGA 120 20 TON 128 HP D	147,152	23.86		6.20	11.83	4.52			438
3000	MOD OMEGA 122 22 TON 128 HP D	147,867	23.95		6.23	11.89	4.52			438
3005	MOD OMEGA 25 25 TON 155 HP D	184,619	29.71		7.78	14.84	5.48			540
3010	MOD OMEGA 30 30 TON 155 HP D	190,058	30.34		8.01	15.28	5.48			550
3015	MOD OMEGA 35 35 TON 155 HP D	196,487	31.10		8.28	15.81	5.48			560
3020	MOD OMEGA 40 40 TON 202 HP D	264,706	42.37		11.08	21.01	7.14			760
3025	MOD OMEGA 45 45 TON 202 HP D	273,955	43.70		11.46	21.70	7.14			770
3030	MOD OMEGA 50 50 TON 202 HP D	284,116	44.88		11.89	22.52	7.14			780
3035	MOD OMEGA 65 65 TON 235 HP D	366,150	56.62		15.32	29.04	8.30			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	101,871	17.73		4.31	8.25	4.17			286
3050	MOD 20 MK P SERIES 10 TON 118 HP D	105,193	18.19		4.44	8.50	4.17			302
3055	MOD 25 MK P SERIES 12.5 TON 118 HP D	109,593	18.71		4.63	8.86	4.17			458
3060	MOD 36 MK P SERIES 18 TON 118 HP D	126,947	21.03		5.34	10.17	4.17			494
3065	MOD 60-SC P SERIES 30 TON 176 HP D	211,892	34.47		8.88	16.86	6.22			592
3070	MOD 80-SC P SERIES 40 TON 176 HP D	234,790	37.67		9.82	18.56	6.22			862
3075	MOD 100SC 50 TON 188 HP D	289,734	44.66		12.15	23.07	6.64			1050
	CRANES, HYDRAULIC TRUCK MOUNTED (HP & FUEL LISTED EQUIP/CARRIER)									
	BUCYRUS ERIE									
3085	30-XC 30 TON W/80' BOOM 130/210 HP D/D	213,086	30.39	35.26	8.65	15.96	6.21	17.22	7.93	552
3090	60-XC 60 TON W/104' BOOM 197/238 HP D/D	370,024	50.02	57.82	15.04	27.82	8.79	30.04	11.29	783
	GROVE									
3100	TMS185 18 TON W/106' BOOM 172 HP D	203,513	31.59	37.61	8.83	17.27	6.08	19.07	8.00	442
3105	TMS300 35 TON W/112' BOOM 203 HP D	247,171	35.27	41.29	10.02	18.49	7.17	19.97	9.44	705
3110	TMS475 50 TON W/142' BOOM 213 HP D	307,484	41.95	48.83	12.49	23.08	7.53	24.91	9.90	776
3115	TM875 80 TON W/146' BOOM 196/268 HP D/D	456,332	58.82	67.28	17.86	31.79	8.98	33.93	11.52	1200
3120	TM1150 115 TON W/172' BOOM 196/315 HP D/D	701,423	83.66	94.71	27.54	49.23	9.35	52.57	11.94	1600
3125	TM1400 140 TON W/173' BOOM 318/387 HP D/D	824,056	98.98	111.95	31.92	53.64	14.21	56.64	18.25	1880
	LINK BELT (FMC)									
3135	HTC-814 14 TON W/80' BOOM 216 HP D	187,982	32.03	38.48	8.14	15.91	7.63	17.56	10.04	482
3140	HTC-835 35 TON W/101' BOOM 216 HP D	212,938	32.03	37.76	8.66	16.01	7.63	17.28	10.04	525
3145	HTC-1055 55 TON W/120' BOOM 238 HP D	315,610	43.88	51.19	12.83	23.71	8.41	25.59	11.07	662

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	CRANES, HYDRAULIC TRUCK MTD (CONT'D)									
	(HP & FUEL LISTED EQUIP/CARRIER)									
	PETTIBONE									
3155	50TKLSPC 25 TON W/98' BOOM 210 HP D	200,595	33.11	39.66	8.69	17.01	7.42	18.79	9.76	500
3160	80TKLS 40 TON W/144' BOOM 244 HP D	256,561	38.05	44.76	10.42	19.23	8.62	20.75	11.35	740
3165	110 TK P 55 TON W/114' BOOM 238 HP D	277,946	39.98	46.86	11.29	20.85	8.41	22.50	11.07	825
3170	140 TK P 70 TON W/116' BOOM 322 HP D	349,578	50.43	58.92	13.70	24.45	11.38	26.11	14.97	1155
	CRANES, TRUCK MOUNTED									
	(HP & FUEL LISTED EQUIP/CARRIER)									
	AMERICAN									
3180	5470 65 TON W/170' BOOM 115/238 HP D/D	425,657	52.63	60.10	17.26	31.85	5.89	34.38	7.48	1175
3185	5530 75 TON W/170' BOOM 115/238 HP D/D	433,889	51.99	58.83	17.03	30.42	5.89	32.48	7.48	1245
3190	7460 90 TON W/200' BOOM 213/230 HP D/D	533,622	66.19	75.44	20.97	37.51	9.29	40.07	11.97	1503
3195	7530 125 TON W/220' BOOM 213/350 HP D/D	573,924	71.68	81.61	22.54	40.28	10.22	43.02	13.04	1696
3200	8460 165 TON W/240' BOOM 268/350 HP D/D	821,987	95.47	107.47	31.89	53.71	12.16	56.74	15.60	2320
3205	9530 220 TON W/260' BOOM 268/500 HP D/D	1,158,783	130.91	146.59	44.87	75.38	13.31	79.61	16.94	3480
	LINK BELT (FMC)									
3215	HC108C 50 TON W/150' BOOM 110/238 HP D/D	371,472	46.85	53.58	15.06	27.74	5.72	29.93	7.25	1197
3220	HC218A 100 TON W/220' BOOM 165/318 HP D/D	551,656	66.83	75.76	21.68	38.76	8.27	41.39	10.52	1688
3225	HC238B 140 TON W/230' BOOM 171/318 HP D/D	647,140	74.17	83.22	25.08	42.18	8.49	44.55	10.80	2220
	LORAIN									
3235	MC790 90 TON W/220' BOOM 210/270 HP D/D	505,647	63.79	72.81	19.85	35.48	9.49	37.90	12.18	1594
3240	MC1400 140 TON W/230' BOOM 220/290 HP D/D	616,610	73.17	82.59	23.88	40.13	10.00	42.39	12.83	1950
	P & H									
3250	325TC 25 TON W/110' BOOM 83/190 HP D/D	257,027	35.47	41.40	11.14	21.80	4.39	24.08	5.56	645
3255	430ATC 35 TON W/150' BOOM 86/210 HP D/D	286,957	36.07	41.24	11.66	21.57	4.65	23.29	5.88	763
3260	440TC 40 TON W/170' BOOM 90/228 HP D/D	322,311	40.26	46.00	13.09	24.19	4.93	26.11	6.23	964

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)									
3265	650ATC 50 TON W/150' BOOM 135/236 HP D/D	415,467	52.45	60.08	16.85	31.08	6.58	33.54	8.39	1222
3270	790BTC 90 TON W/200' BOOM 160/350 HP D/D	519,949	63.95	72.58	20.41	36.45	8.34	38.91	10.58	1606
3275	9150 150 TON W/270' BOOM 210/350 HP D/D	680,750	79.41	89.35	26.38	44.39	10.11	46.89	12.90	1805
3280	6250TC 300 TON W/320' BOOM 364/450 HP D/D	1,444,978	161.07	180.27	56.09	94.53	16.32	99.86	20.96	3928
	CRANES, TOWER									
	**********									
	AMERICAN PECCO									
	MODEL SK135-2 FREE STANDING 60 HP E 7500# @ 132' RADIUS (L-2)									
3290	7-S16 TOWER SECTS=103 FT HIGH	283,263	44.20		11.91	20.04	5.94			740
	OPT. 14'9-1/4" S16 TOWER SECT									
3295	ADD TO BASIC CRANE FOR EA SECT	12,113	1.29		0.51	0.85	0.00			51
3300	TOP CLIMBING OPT. ADD TO BASIC	45,213	4.83		1.90	3.20	0.00			118
	MODEL SK200 FREE STANDING 105 HP E 10600# @ 143' RADIUS (L-2)									
3305	7-S16 TOWER SECTS=103 FT HIGH	356,399	58.69		14.99	25.22	10.39			883
	14'9-1/4" S16 TOWER SECTION									
3310	ADD TO BASIC CRANE FOR EA SECT	12,113	1.29		0.51	0.85	0.00			51
3315	TOP CLIMBING OPT. ADD TO BASIC	45,213	4.83		1.90	3.20	0.00			118
	MODEL SK400 FREE STANDING 105 HP E 18500# @ 162' RADIUS (L-2)									
3320	6-S35 TOWER SECTS=116 FT HIGH	436,263	67.22		18.35	30.87	10.39			1216
	OPT. 19'4-1/4" S35 TOWER SECT.									
3325	ADD TO BASIC CRANE FOR EA SECT	15,247	1.63		0.65	1.08	0.00			84
3330	TOP CLIMBING OPT. ADD TO BASIC	46,399	4.96		1.96	3.29	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	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, TOWER (CONT'D)									
	AMERICAN PECCO (CONT'D)									
	MODEL SK560 FREE STANDING 165 HP E 24500# @ 170' RADIUS (L-2)									
3335	6-S213 TOWER SECTS=116 FT HIGH	505,363	83.50		21.26	35.76	16.33			1547
	OPT. 19'4-1/4" S213 TOWER SECT									
3340	ADD TO BASIC CRANE FOR EA SECT	16,217	1.73		0.69	1.15	0.00			100
3345	TOP CLIMBING OPT. ADD TO BASIC	89,064	9.50		3.74	6.30	0.00			252
	MODEL SN355 FREE STANDING 165 HP E 12300# @ 165' RADIUS (L-2) WITH LUFFING BOOM									
3350	6-S35 TOWER SECTS=116 FT HIGH	535,375	86.70		22.51	37.88	16.33			2152
	OPT. 19'4-1/4" S35 TOWER SECT									
3355	ADD TO BASIC CRANE FOR EA SECT	15,247	1.63		0.65	1.08	0.00			84
3360	TOP CLIMBING OPT. ADD TO BASIC	93,499	9.98		3.94	6.62	0.00			159
	DRILLS, BLAST HOLE, CRAWLER MTD									
	GARDNER DENVER									
3370	AT3100B/PR123J 3.0" HOLE 12' FEED 600CFM A	72,068	13.96		3.71	8.01	0.00			91
3375	AT3100B/PR55 3.5" HOLE 12' FEED 750CFM A	68,166	13.25		3.51	7.58	0.00			93
3380	AT3100B/PR66 4.0" HOLE 12' FEED 900CFM A	74,919	14.47		3.85	8.32	0.00			95
3385	AT3700A/PR66 ANGLE DRILL 900CFM A 4.0" HOLE 12' FEED	88,989	17.10		4.58	9.89	0.00			146
3390	ATD5100/PR80H ANGLE DRILL 1200CFM A 4.5" HOLE 20' FEED	100,406	19.24		5.17	11.16	0.00			200
	INGERSOLL-RAND									
3400	ECM350/VL140 3.5" HOLE 12' FEED 750CFM A	80,189	15.44		4.13	8.91	0.00			129
3405	ECM350/VL671 4.0" HOLE 12' FEED 900CFM A	87,410	16.82		4.50	9.72	0.00			131
3410	ECM 450Y 3.0" HOLE 12' FEED 100 HP D	120,594	27.46		6.21	13.41	4.37			188

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
	DRILLS, BLAST HOLE, CRLR MTD (CONT'D)									
	SULLIVAN									
3420	MAVRICK/VCR350 2.5" HOLE 12' FEED 450CFM A	39,636	7.75		2.04	4.41	0.00			60
3425	RAM STD/VCR260 4.0" HOLE 12' FEED 800CFM A	70,071	13.61		3.61	7.79	0.00			100
3430	RAM EXT/VCR260 4.0" HOLE 12' FEED 800CFM A	82,501	15.88		4.24	9.17	0.00			144
3435	MUSTANG VCR280 5.0" HOLE 20' FEED1200CFM A	101,989	19.54		5.25	11.34	0.00			184
3440	STALLION JH-6 5.5" HOLE 20' FEED 165 HP D	219,396	49.03		11.29	24.39	7.21			300
	DRILLS, CORE, AIR, COLUMN MOUNTED									
3450	LONGYEAR 24 WOLVERINE AX 700' 450CFM A	17,996	3.60		0.93	2.00	0.00			12
3455	LONGYEAR 65D EX 600' 400CFM A	11,546	2.42		0.59	1.28	0.00			3
3460	65D ROD PULLER 21" STROKE 400CFM A	1,720	0.56		0.09	0.19	0.00			1
	DRILLS, CORE, SKID MOUNTED									
	ACKER									
3470	TEREDO MARK-II NX 1000' MAX 44 HP D	30,386	7.93		1.57	3.38	1.92			40
3475	ACE MODEL C NX 725' MAX 20 HP D	20,698	4.86		1.06	2.30	0.87			45
	LONGYEAR									
3485	MOD 24 STD AX 675' MAX 12 HP G	17,154	4.54		0.88	1.91	1.21			17
3490	MOD 34 NX 1000' MAX 31 HP G	26,126	8.41		1.34	2.90	3.14			38
3495	MOD 34 NX 1000' MAX 40 HP D	31,124	7.86		1.60	3.46	1.75			39
3500	MOD 38 NX 1800' MAX 54 HP D	35,797	9.47		1.84	3.98	2.36			41
3505	MOD 44 NX 2500' MAX 60 HP D	42,972	11.11		2.22	4.78	2.62			56
	SPRAGUE AND HENWOOD									
3515	MOD 37-H NX 400' MAX 18 HP G	18,090	5.41		0.93	2.01	1.82			18
3520	MOD 40-CL NX 1050' MAX 49 HP D	28,010	7.75		1.44	3.11	2.14			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									
3530	MOD DM-25 6 3/4" DRILLMASTER 210 HP D CRWL. MOUNTED	249,940	45.49		10.95	20.89	9.18			500
3535	MOD T4-BH 7-7/8" DRILLMASTER 304 HP D TRK. MOUNTED	328,751	62.67		14.34	27.23	13.29			550
3540	MOD TH-60 WATER WELL DRILL 435 HP D TRK. MOUNTED	305,362	67.16		13.33	25.34	19.01			460
	ROBBINS									
3550	RRT 35 TK MTD 6-1/4" TO 8-0" 335/225 HP D/D	337,356	67.91		14.72	27.96	16.37			600
3555	RRT 50 TK MTD 6-3/4" TO 9-0" 335 HP D	490,944	86.29		21.41	40.65	14.64			860
3560	RRT 60 TK MTD 6-3/4" TO 9-7/8" 350 HP D	555,303	95.65		24.22	46.03	15.30			960
3565	RR10S MTD ON D9H 6-3/4" - 9-0" 410 HP D	405,525	77.98		17.76	33.90	17.92			1160
3570	RR10HD ON D9H 6-3/4" - 10-5/8" 410 HP D	470,557	86.51		20.60	39.33	17.92			1340
3575	RR10XHD ON 41B 9-7/8" - 12-1/4" 524 HP D	650,575	98.93		26.00	45.42	22.90			1830
3580	RR12E CRLR MTD 9-0" TO 12-1" 725/450 HP E/E	1,194,548	255.34		47.74	83.40	100.37			2605
	FORK LIFTS									
	CATERPILLAR									
	LC = LOAD CENTER									
3600	M20 ELECT 2000# @ 24" LC 18 HP E	16,819	5.43		0.86	1.84	1.78			54
3605	M25 ELECT 2500# @ 24" LC 18 HP E	16,909	5.43		0.86	1.84	1.78			54
3610	MC30 ELECT 3000# @ 24" LC 18 HP E	17,765	5.53		0.90	1.93	1.78			85
3615	M40B ELECT 4000# @ 24" LC 32 HP E	24,540	8.74		1.26	2.68	3.17			95
3620	M50B ELECT 5000# @ 24" LC 32 HP E	25,042	8.82		1.28	2.73	3.17			102
3625	MC60B ELECT 6000# @ 24" LC 47 HP E	27,572	11.38		1.41	3.01	4.65			123
3630	M70B ELECT 7000# @ 24" LC 53 HP E	34,161	13.38		1.74	3.72	5.25			134
3635	M80B ELECT 8000# @ 24" LC 53 HP E	35,742	13.64		1.82	3.90	5.25			142
3640	M100B ELECT 10000# @ 24" LC 53 HP E	37,731	13.96		1.93	4.14	5.25			160
3645	V30D GAS 3000# @ 24" LC 37 HP G	16,146	6.48		0.83	1.77	3.05			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)									
3650	V40C GAS 4000# @ 24" LC 48 HP G	21,484	8.55		1.09	2.32	3.96			41
3655	V50C GAS 5000# @ 24" LC 48 HP G	21,939	8.66		1.10	2.32	3.96			45
3660	V60E GAS 6000# @ 24" LC 63 HP G	30,335	11.58		1.54	3.29	5.20			52
3665	V70E GAS 7000# @ 24" LC 63 HP G	30,678	11.64		1.56	3.33	5.20			56
3670	V80E GAS 8000# @ 24" LC 63 HP G	31,904	11.85		1.63	3.47	5.20			59
3675	V110 DIESEL 11000# @ 24" LC 66 HP D	45,905	10.66		2.33	4.98	2.33			82
3680	V150 DIESEL 15000# @ 24" LC 70 HP D	49,434	11.42		2.51	5.37	2.47			92
3685	V180B DIESEL 18000# @ 24" LC 125 HP D	65,479	16.62		3.31	7.01	4.42			114
3690	V200B DIESEL 20000# @ 24" LC 125 HP D	71,331	17.61		3.61	7.67	4.42			124
3695	V250B DIESEL 25000# @ 24" LC 125 HP D	73,269	17.94		3.71	7.88	4.42			154
3700	V300B DIESEL 30000# @ 24" LC 125 HP D	82,229	19.50		4.15	8.80	4.42			165
3705	R40 DIESEL 4000# @ 24" LC 68 HP D	28,723	7.87		1.45	3.08	2.40			107
3710	R50 DIESEL 5000# @ 24" LC 68 HP D	29,424	7.99		1.49	3.16	2.40			112
3715	R60 DIESEL 6000# @ 24" LC 68 HP D	35,583	9.02		1.81	3.85	2.40			128
3720	R80 DIESEL 8000# @ 24" LC 68 HP D	36,956	9.32		1.86	3.91	2.40			138
	HYSTER - CHALLENGER									
3730	H30XL 3000# @ 24" LC 63 HP G	16,661	9.29		0.84	1.78	5.20			58
3735	H60XL 6000# @ 24" LC 80 HP G	24,036	12.25		1.22	2.59	6.60			91
3740	H110F 11000# @ 24" LC 116 HP G	47,307	19.87		2.42	5.16	9.57			163
3745	H150H 15000# @ 24" LC 127 HP G	64,635	24.02		3.26	6.92	10.48			234
3750	H200HS20000# @ 24" LC PS 127 HP G	75,425	25.83		3.82	8.12	10.48			256
3755	H250H 25000# @ 24" LC PS 127 HP G	75,750	25.91		3.83	8.12	10.48			295
3760	H300B 30000# @ 24" LC PS 127 HP G	81,814	26.89		4.15	8.83	10.48			360
3765	H460CS46000# @ 36" LC PS 190 HP G	168,147	47.99		8.53	18.14	15.67			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									
3780	MOD 3304B-T 240/480V 100 KW 148 HP D	17,033	9.87	12.53	0.99	2.33	5.23	2.60	6.88	37
3785	MOD 3306B-T 240/480V 125 KW 187 HP D	22,319	12.63	16.02	1.29	3.05	6.61	3.40	8.70	46
3790	MOD 3306B-TA 240/480V 150 KW 220 HP D	24,066	14.41	18.33	1.39	3.29	7.77	3.66	10.23	48
3795	MOD 3406B-T 240/480V 200 KW 290 HP D	25,849	17.83	22.78	1.49	3.53	10.25	3.94	13.48	57
3800	MOD 3406B-TA 240/480V 250 KW 370 HP D	29,563	22.08	28.27	1.71	4.04	13.08	4.51	17.20	59
3805	MOD 3408B-T 240/480V 255 KW 370 HP D	35,122	23.19	29.57	2.04	4.81	13.08	5.35	17.20	77
3810	MOD 3408B-TA 240/480V 310 KW 450 HP D	39,161	27.48	35.13	2.26	5.35	15.90	5.97	20.92	81
3815	MOD 3412-T 240/480V 355 KW 500 HP D	47,330	31.30	39.93	2.74	6.47	17.67	7.21	23.25	91
3820	MOD 3412-TA 240/480V 455 KW 650 HP D	64,207	41.22	52.52	3.71	8.78	22.97	9.78	30.22	102
3825	MOD 3508 240/480V 600 KW 845 HP D	85,595	54.00	68.79	4.94	11.70	29.86	13.04	39.29	140
3830	MOD 3512 240/480V 900 KW 1250 HP D	116,459	77.88	99.38	6.74	15.93	44.17	17.74	58.12	202
3835	MOD 3516 480V 1100 KW 1450 HP D	152,911	93.86	119.45	8.83	20.90	51.24	23.29	67.42	256
	KOHLER									
3845	2.25MBM25 PORTABLE 2.25 KW 5 HP G	838	0.68	0.87	0.05	0.12	0.41	0.13	0.54	1
3850	3.5MM65 PORTABLE 3.50 KW 8 HP G	1,320	1.08	1.38	0.08	0.18	0.66	0.20	0.86	2
3855	5MM65 PORTABLE 5.00 KW 12 HP G	1,713	1.57	2.00	0.10	0.23	0.99	0.26	1.29	2
	ONAN									
	SKID MOUNTED									
3870	120/240V 2.5 KW 6 HP G	1,513	0.91	1.14	0.09	0.21	0.49	0.23	0.64	2
3875	120/240V 6.5 KW 14 HP G	3,401	2.11	2.66	0.20	0.47	1.15	0.52	1.50	3
3880	120/240V 10.0 KW 20 HP G	3,719	2.79	3.55	0.22	0.51	1.65	0.57	2.15	4
3885	120/240V 3.0 KW 6 HP D	3,938	1.03	1.27	0.22	0.53	0.21	0.60	0.28	4
3890	120/240V 6.0 KW 12 HP D	5,226	1.55	1.92	0.30	0.71	0.42	0.80	0.56	5
3895	120/240V 12.0 KW 22 HP D	7,522	2.46	3.03	0.44	1.03	0.78	1.14	1.02	7

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
	GENERATOR SETS, ELECTRIC (CONT'D)									
	ONAN (CONT'D)									
3900	120/240V 15 KW 27 HP D	7,736	2.71	3.38	0.44	1.05	0.95	1.18	1.26	14
3905	120/240V 30 KW 63 HP D	11,468	5.04	6.32	0.66	1.57	2.23	1.75	2.93	19
3910	120/240V 45 KW 87 HP D	15,164	6.82	8.58	0.88	2.08	3.07	2.31	4.05	25
3915	120/240V 60 KW 102 HP D	17,418	7.92	9.97	1.01	2.38	3.60	2.66	4.74	26
3920	120/240V 75 KW 162 HP D	20,723	11.21	14.19	1.20	2.83	5.73	3.15	7.53	30
3925	120/240V 90 KW 162 HP D	21,707	11.40	14.43	1.25	2.96	5.73	3.31	7.53	30
3930	120/240V 125 KW 210 HP D	25,177	14.19	18.01	1.45	3.44	7.42	3.84	9.76	50
3935	120/240V 150 KW 276 HP D	29,857	18.0[illegible]	22.91	1.73	4.08	9.75	4.55	12.83	65
	OVERLOWE									
3945	KP2250R PORTABLE 2.25 KW 5 HP G	938	0.70	0.89	0.06	0.13	0.41	0.14	0.54	1
3950	KP3000R PORTABLE 3.00 KW 7 HP G	1,026	0.92	1.16	0.06	0.14	0.58	0.15	0.75	2
3955	KP3750BIC PORTABLE 3.75 KW 8 HP G	1,439	1.1[illegible]	1.41	0.09	0.20	0.66	0.22	0.86	2
3960	KP5000BIC PORTABLE 5.00 KW 10 HP G	1,817	1.38	1.76	0.11	0.25	0.82	0.28	1.07	2
3965	KP6500BICB PORTABLE 6.50 KW 16 HP G	1,910	2.02	2.58	0.11	0.26	1.32	0.29	1.72	3
3970	KP7500BICB PORTABLE 7.50 KW 16 HP G	1,809	2.00	2.56	0.11	0.25	1.32	0.28	1.72	3
	GRADERS, MOTOR									
	CATERPILLAR									
3985	MOD 120-G POWER SHIFT ARTIC 125 HP D	107,868	20.23	25.20	5.10	9.94	4.07	11.29	5.35	272
3990	MOD 130-G POWER SHIFT ARTIC 135 HP D	123,710	22.79	28.37	5.85	11.43	4.39	12.98	5.78	293
3995	MOD 12-G POWER SHIFT ARTIC 135 HP D	133,205	24.09	29.96	6.29	12.30	4.39	13.97	5.78	316
4000	MOD 140-G POWER SHIFT ARTIC 150 HP D	135,531	25.12	31.26	6.40	12.49	4.88	14.17	6.42	318
4005	MOD 14-G POWER SHIFT ARTIC 180 HP D	190,810	34.26	42.61	8.97	17.41	5.86	19.75	7.70	441
4010	MOD 16-G POWER SHIFT ARTIC 250 HP D	273,975	48.92	60.81	12.86	24.93	8.14	28.28	10.69	581

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
	GRADERS, MOTOR (CONT'D)												
	CHAMPION												
4020	MOD 710A	ARTICULATED	135 HP	D	103,679	20.15	25.16	4.88	9.51	4.39	10.79	5.78	286
4025	MOD 720A	ARTICULATED	152 HP	D	123,731	23.64	29.49	5.83	11.36	4.95	12.90	6.50	335
4030	MOD 730A	ARTICULATED	180 HP	D	127,389	25.35	31.70	6.00	11.70	5.86	13.29	7.70	340
4035	MOD 740A	ARTICULATED	210 HP	D	139,826	28.33	35.44	6.59	12.86	6.84	14.61	8.98	345
4040	MOD 710	NON-ARTICULATED	135 HP	D	97,546	19.32	24.16	4.59	8.93	4.39	10.14	5.78	280
4045	MOD 720	NON-ARTICULATED	152 HP	D	107,844	21.49	26.88	5.07	9.86	4.95	11.20	6.50	315
4050	MOD 730	NON-ARTICULATED	180 HP	D	116,460	23.87	29.91	5.48	10.67	5.86	12.12	7.70	330
4055	MOD 740	NON-ARTICULATED	210 HP	D	131,897	27.26	34.14	6.22	12.12	6.84	13.76	8.98	345
4060	MOD 760	NON-ARTICULATED	210 HP	D	150,727	30.17	37.76	7.06	13.65	6.84	15.48	8.98	390
	FIAT-ALLIS												
4070	MOD-65B	DIRECT DRIVE	68 HP	D	57,976	10.91	13.61	2.74	5.34	2.21	6.07	2.91	135
4075	MOD-FG75	POWER SHIFT	130 HP	D	90,527	18.14	22.68	4.27	8.30	4.23	9.42	5.56	300
4080	MOD-FG85	POWER SHIFT	145 HP	D	97,346	19.76	24.72	4.58	8.91	4.72	10.10	6.20	310
4085	MOD-FG95	POWER SHIFT	160 HP	D	104,164	21.49	26.93	4.88	9.45	5.21	10.72	6.84	330
	GALION												
4095	MOD 503-L	CONSTANT MESH	68 HP	G	48,482	12.84	16.14	2.29	4.47	5.18	5.09	6.71	115
4100	MOD T-500C	POWER SHIFT	145 HP	D	103,122	20.45	25.56	4.86	9.49	4.72	10.78	6.20	281
4105	MOD A-550	POWER SHIFT	175 HP	D	138,576	26.63	33.20	6.54	12.77	5.70	14.50	7.49	320
4110	MOD A-600	POWER SHIFT	197 HP	D	143,673	28.26	35.29	6.79	13.25	6.41	15.04	8.43	323
	HOISTS												
	BEEBE - AIR TUGGERS												
4120	2000P110-24	1.0 T 225 CFM RQD			6,172	1.19		0.32	0.69	0.00			5
4125	5000P120-24	2.5 T 500 CFM RQD			9,906	1.93		0.51	1.10	0.00			16
4130	10000P 50-24	5.0 T 500 CFM RQD			11,992	2.41		0.62	1.33	0.00			22
4135	20000P 50-40	10.0 T 850 CFM RQD			31,049	5.86		1.60	3.44	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	72,975	17.20		3.76	8.10	3.53			85
4150	G-70 DOUBLE DRUM W/7/8" CABLE 100 HP D	98,667	21.70		5.08	10.94	3.53			126
4155	RB-80 DOUBLE DRUM W/1-1/8" CABLE 130 HP D	151,814	32.34		7.81	16.84	4.59			240
4160	RB-90WDOUBLE DRUM W/1-3/8" CABLE 150 HP D	169,011	36.24		8.70	18.75	5.30			300
	HYDRAULIC EXCAVATOR, CRAWLER MOUNTED ********** T/B = TELESCOPING BOOM B/H = BACKHOE									
	BADGER (HOPTO)									
4180	MOD 211 1.25 CY B/H 160 HP D	167,227	35.61	45.42	8.60	18.54	5.21	21.99	6.84	530
4185	MOD 311 1.88 CY B/H 235 HP D	240,592	51.43	65.60	12.38	26.68	7.65	31.64	10.05	745
4190	MOD 900B 2.00 CY B/H 308 HP D	291,252	63.13	80.62	14.98	32.29	10.03	38.29	13.18	1015
4195	MOD 1900 5.00 CY B/H 616 HP D	607,489	120.34	148.66	28.93	59.02	20.05	67.37	26.35	2050
	BUCYRUS ERIE									
4205	MOD 300-H 1.00 CY B/H 176 HP D	186,305	44.57	59.93	10.53	23.47	5.73	29.44	7.53	546
4210	MOD 325-H 1.75 CY B/H 205 HP D	257,951	53.29	67.92	13.27	28.60	6.67	33.92	8.77	774
4215	MOD 350-H 2.50 CY B/H 248 HP D	325,574	66.85	85.17	16.75	36.10	8.07	42.81	10.61	1000
4220	MOD 400-H 4.25 CY B/H 392 HP D	544,829	101.56	124.94	25.95	52.93	12.76	60.41	16.77	1575
	CASE									
4230	MOD 880C "E" BOOM .63 CY B/H 115 HP D	109,890	26.78	36.01	6.21	13.84	3.74	17.37	4.92	310
4235	MOD 980B 1.00 CY B/H 165 HP D	135,620	34.10	45.80	7.67	17.09	5.37	21.43	7.06	445
4240	MOD 1280 1.25 CY B/H 200 HP D	157,204	35.41	45.24	8.09	17.43	6.51	20.66	8.56	505
	CATERPILLAR									
4250	MOD 215B .75 CY B/H 105 HP D	120,614	28.46	38.27	6.82	15.20	3.42	19.06	4.49	387
4255	MOD 225 1.00 CY B/H 135 HP D	162,585	38.05	51.20	9.19	20.48	4.39	25.69	5.78	504
4260	MOD 235 1.50 CY B/H 195 HP D	299,641	60.24	76.68	15.42	33.23	6.35	39.40	8.34	891

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									
	CATERPILLAR (CONT'D)									
4265	MOD 245 2.50 CY B/H 325 HP D	465,908	94.52	120.34	23.97	51.67	10.58	61.26	13.90	1385
	GRADALL									
4280	MOD G-660 .63 CY T/B 115 HP D	162,641	37.16	50.03	9.20	20.49	3.74	25.70	4.92	450
4285	MOD G-660C .88 CY T/B 145 HP D	170,291	40.01	53.84	9.62	21.45	4.72	26.91	6.20	452
4290	MOD G-880C 1.00 CY T/B 145 HP D	203,092	46.47	62.56	11.48	25.58	4.72	32.09	6.20	536
4295	MOD G-1000 1.25 CY T/B 272 HP D	275,139	58.94	75.19	14.15	30.51	8.85	36.18	11,64	787
	INSLEY									
4310	MOD H1000C 1.25 CY B/H 180 HP D	154,962	34.24	43.71	7.97	17.18	5.86	20.37	7.70	517
4315	MOD H2500C 2.25 CY B/H 290 HP D	280,677	60.62	77.33	14.44	31.13	9.44	36.90	12.41	931
4320	MOD H3500C 3.50 CY B/H 390 HP D	394,389	77.73	95.98	18.78	38.32	12.69	43.73	16.68	1276
	JOHN DEERE									
4330	MOD 490 .50 CY B/H 75 HP D	75,836	18.29	24.59	4.29	9.55	2.44	11.98	3.21	265
4335	MOD 690 C .875 CY B/H 125 HP D	108,049	26.88	36.11	6.11	13.61	4.07	17.08	5.35	400
4340	MOD 790 1.00 CY B/H 155 HP D	140,099	34.54	46.40	7.92	17.65	5.05	22.14	6.63	510
4345	MOD 890 A 1.875 CY B/H 210 HP D	232,416	49.02	62.49	11.96	25.77	6.84	30.56	8.98	880
4350	MOD 990 2.125 CY B/H 260 HP D	261,819	56.12	71.59	13.47	29.03	8.46	34.42	11.12	912
	KOEHRING									
4360	MOD 166 BANTAM .88 CY B/H 108 HP D	121,848	28.83	38.77	6.89	15.35	3.52	19.25	4.62	374
4365	MOD 266 BANTAM 1.13 CY B/H 143 HP D	162,152	34.05	43.41	8.34	17.98	4.65	21.31	6.12	514
4370	MOD 366 BANTAM 1.25 CY B/H 210 HP D	195,441	42.53	54.26	10.05	21.67	6.84	25.69	8.98	612
4375	MOD 566 1.50 CY B/H 240 HP D	285,113	59.44	75.76	14.67	31.62	7.81	37.49	10.27	834
4380	MOD 666E 2.00 CY B/H 307 HP D	355,118	74.35	94.77	18.27	39.38	9.99	46.69	13.13	1075
4385	MOD 866E 3.25 CY B/H 332 HP D	456,223	85.20	104.82	21.73	44.33	10.81	50.59	14.20	1306
4390	MOD 1066E 4.00 CY B/H 420 HP D	567,044	106.17	130.67	27.00	55.09	13.67	62.88	17.97	1640

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)									
4395	MOD 1166E 5.00 CY B/H 464 HP D	631,886	118.15	145.41	30.09	61.39	15.10	70.07	19.85	1890
4400	MOD 1266 5.50 CY B/H 664 HP D	918,990	167.90	201.86	41.12	82.69	21.61	92.29	28.41	2600
4405	MOD 1466 9.00 CY B/H 832 HP D	1,072,394	198.23	238.57	47.98	96.49	27.08	107.69	35.59	2900
	KOMATSU									
4415	MOD PC 120-2 .65 CY B/H 90 HP D	76,660	19.13	25.69	4.34	9.66	2.93	12.11	3.85	256
4420	MOD PC 200 LC-2 1.05 CY B/H 105 HP D	119,087	25.02	31.89	6.13	13.21	3.42	15.66	4.49	448
4425	MOD PC 220 LC-2 1.31 CY B/H 136 HP D	152,691	32.13	40.96	7.86	16.93	4.43	20.08	5.82	514
4430	MOD PC 300 LC-2 1.73 CY B/H 180 HP D	189,163	40.24	51.33	9.73	20.97	5.86	24.87	7.70	690
4435	MOD PC 650-1 3.00 CY B/H 410 HP D	451,514	95.31	121.50	23.23	50.07	13.35	59.36	17.54	1433
	UNIT									
4445	MOD H202CT SER II 1.25 CY B/H 152 HP D	152,817	32.77	41.80	7.86	16.94	4.95	20.09	6.50	475
4450	MOD H342 1.63 CY B/H 228 HP D	247,857	52.42	66.85	12.75	27.48	7.42	32.59	9.75	723
4455	MOD H471 1.75 CY B/H 304 HP D	307,802	65.94	84.08	15.84	34.14	9.90	40.46	13.01	972
	HYDRAULIC EXCAVATOR, TRUCK MOUNTED									
	(HP & FUEL LISTED EQUIP/CARRRIER) T/B = TELESCOPING BOOM B/H = BACKHOE									
	GRADALL									
4465	MOD G-660C .88 CY T/B 145/210 HP D/G	187,387	32.10	38.51	8.12	15.89	7.75	17.54	10.15	422
4470	MOD G-880C 1.00 CY T/B 145/210 HP D/D	227,794	35.38	41.79	9.87	19.30	6.74	21.31	8.62	535
4475	MOD G-1000 1.25 CY T/B 272/312 HP D/D	298,805	46.66	54.79	12.14	22.44	12.01	24.23	15.44	726

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
	LAND CLEARING EQUIPMENT ********** (ADD TO TRACTOR)									
4485	FLECO LAND CLEARING RAKE FOR 123/235 D/G	19,154	3.44	4.33	0.98	2.13	0.00	2.53	0.00	67
4490	FLECO LAND CLEARING RAKE FOR 160/210 D/D	25,200	4.51	5.68	1.29	2.80	0.00	3.33	0.00	98
4495	FLECO LAND CLEARING RAKE FOR 272/312 D/D	37,359	6.68	8.40	1.93	4.17	0.00	4.94	0.00	138
4500	FLECO CLAMP RAKE FOR CAT 973 (ADD TO 977 LOADER)	19,170	3.57	4.46	0.98	2.13	0.00	2.53	0.00	58
	LIGHTING SETS, TRAILER MOUNTED **********									
	ALLMAND METALLIC VAPOR									
4510	MAXI-LITE III 4/1000W 15 HP D	14,150	4.77		0.79	1.73	0.70			29
	OVER-LOWE METALLIC VAPOR									
4520	TM 352 2/1000W 3 KW 6 HP D	11,196	3.43		0.62	1.36	0.28			17
4525	TM 354 4/1000W 6 KW 12 HP D	14,796	4.76		0.82	1.81	0.56			22
4530	TM 356 6/1000W 8 KW 15 HP D	17,410	5.68		0.97	2.15	0.70			24
	LOADERS, BELT **********									
	KOLMAN									
4540	101XHD 24"X50' 355 T/HR 28 HP D	30,723	7.45	9.76	1.53	3.10	0.99	3.66	1.30	116
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4550	PLATE FEEDER DOZER TRAP MODEL 45	5,650	1.01	1.28	0.29	0.60	0.00	0.71	0.00	37
4555	BELT FEEDER DOZER TRAP MODEL 65	6,924	1.24	1.57	0.36	0.74	0.00	0.87	0.00	36
4560	WING WALLS STATIONARY	1,307	0.24	0.29	0.07	0.14	0.00	0.16	0.00	9
4565	TUNNEL EXTENSION W/WING WALLS	6,481	1.16	1.47	0.33	0.69	0.00	0.82	0.00	61
4570	SINGLE DECK SCREEN SB-70 7'X42	5,471	0.99	1.24	0.28	0.59	0.00	0.69	0.00	19
4575	DOUBLE DECK SCREEN DC-70-42 7'X42	6,693	1.21	1.52	0.35	0.72	0.00	0.84	0.00	27
4580	TRIPLE DECK SCREEN TC-70-42 7'X42	9,692	1.74	2.20	0.50	1.04	0.00	1.22	0.00	34
4585	XHD CONVEYOR JACKLEG	902	0.17	0.20	0.05	0.10	0.00	0.11	0.00	9

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
	LOADERS, BELT (CONT'D)									
	KOLMAN (CONT'D)									
4590	101XHD 30"X50' 615 T/HR 42 HP D	33,288	8.69	11.45	1.66	3.35	1.48	3.94	1.95	135
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4600	PLATE FEEDER DOZER TRAP MODEL 45	6,687	1.21	1.52	0.35	0.72	0.00	0.84	0.00	42
4605	BELT FEEDER DOZER TRAP MODEL 65	7,344	1.31	1.67	0.38	0.78	0.00	0.93	0.00	40
4610	WING WALLS STATIONARY	1,307	0.24	0.29	0.07	0.14	0.00	0.16	0.00	9
4615	TUNNEL EXTENSION W/WING WALLS	6,481	1.15	1.47	0.33	0.69	0.00	0.82	0.00	61
4620	SINGLE DECK SCREEN SB-80 8'X48	6,247	1.11	1.42	0.32	0.66	0.00	0.79	0.00	23
4625	DOUBLE DECK SCREEN DC-80-48 8'X48	8,688	1.55	1.97	0.44	0.92	0.00	1.09	0.00	35
4630	TRIPLE DECK SCREEN TC-80-48 8'X48	10,864	1.95	2.47	0.55	1.16	0.00	1.37	0.00	43
4635	XHD CONVEYOR JACKLEG	902	0.17	0.20	0.05	0.10	0.00	0.11	0.00	9
4640	101XHD 36"X50' 910 T/HR 56 HP D	38,295	10.50	13.86	1.89	3.82	1.98	4.49	2.60	160
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4650	PLATE FEEDER DOZER TRAP MODEL 45	7,081	1.26	1.62	0.36	0.75	0.00	0.90	0.00	45
4655	BELT FEEDER DOZER TRAP MODEL 65	7,857	1.41	1.78	0.41	0.84	0.00	0.99	0.00	42
4660	WING WALLS STATIONARY	1,307	0.24	0.29	0.07	0.14	0.00	0.16	0.00	9
4665	TUNNEL EXTENSION W/WING WALLS	6,481	1.16	1.47	0.33	0.69	0.00	0.82	0.00	61
4670	SINGLE DECK SCREEN SB-90 9'X54	7,248	1.31	1.64	0.38	0.78	0.00	0.91	0.00	28
4675	DOUBLE DECK SCREEN DC-90-54 9'X54	10,395	1.87	2.36	0.53	1.11	0.00	1.31	0.00	43
4680	TRIPLE DECK SCREEN TC-90-54 9'X54	13,334	2.40	3.03	0.69	1.43	0.00	1.68	0.00	54
4685	XHD CONVEYOR JACKLEG	902	0.17	0.20	0.05	0.10	0.00	0.11	0.00	9
4690	101XHD 42"X50' 1260 T/HR 84 HP D	49,349	14.20	18.79	2.44	4.91	2.97	5.77	3.91	180
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4700	PLATE FEEDER DOZER TRAP MODEL 45	8,260	1.48	1.88	0.42	0.88	0.00	1.05	0.00	48
4705	BELT FEEDER DOZER TRAP MODEL 65	10,712	1.92	2.43	0.55	1.14	0.00	1.35	0.00	45
4710	WING WALLS STATIONARY	1,307	0.24	0.29	0.07	0.14	0.00	0.16	0.00	9
4715	TUNNEL EXTENSION W/WING WALLS	6,481	1.16	1.47	0.33	0.69	0.00	0.82	0.00	61
4720	SINGLE DECK SCREEN SB-100 60"X10'	9,366	1.68	2.13	0.48	1.00	0.00	1.18	0.00	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
	LOADERS, BELT (CONT'D)									
	KOLMAN (CONT'D)									
4725	DOUBLE DECK SCREEN DC-100 60"X10'	12,030	2.15	2.72	0.61	1.28	0.00	1.51	0.00	55
4730.	TRIPLE DECK SCREEN TC-100 60"X10'	18,509	3.32	4.20	0.94	1.97	0.00	2.33	0.00	68
4735	XHD CONVEYOR JACKLEG	902	0.17	0.20	0.05	0.10	0.00	0.11	0.00	9
4740	101XHD 48"X50' 1700 T/HR 128 HP D	86,560	22.44	29.09	4.35	8.92	4.52	10.50	5.95	265
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4750	PLATE FEEDER DOZER TRAP MODEL 45	11,915	2.14	2.70	0.61	1.27	0.00	1.50	0.00	51
4755	WING WALLS STATIONARY	1,307	0.24	0.29	0.07	0.14	0.00	0.16	0.00	9
4760	TUNNEL EXTENSION W/WING WALLS	6,873	1.23	1.56	0.35	0.73	0.00	0.87	0.00	66
4765	SINGLE DECK SCREEN SB-120 60"X12'	11,097	1.99	2.52	0.57	1.18	0.00	1.40	0.00	53
4770	DOUBLE DECK SCREEN DC-120 60"X12'	16,290	2.92	3.70	0.83	1.74	0.00	2.05	0.00	77
4775	TRIPLE DECK SCREEN TC-120 60"X12'	22,861	4.10	5.19	1.17	2.44	0.00	2.88	0.00	80
4780	XHD CONVEYOR JACKLEG	902	0.17	0.20	0.05	0.10	0.00	0.11	0.00	9
4785	303 48"X50' 2000 CY/HR 125 HP D	152,344	37.45	49.55	7.54	15.25	4.42	17.93	5.81	627
4790	303 48"X60' 2000 CY/HR 185 HP D	169,268	43.30	57.14	8.41	17.05	6.54	20.04	8.60	662
4795	303 60"X50' 3600 CY/HR 185 HP D	174,870	46.15	61.60	8.61	17.31	6.54	20.34	8.60	682
4800	303 60"X60' 3600 CY/HR 290 HP D	201,089	56.84	75.89	9.90	19.90	10.25	23.37	13.48	737
4805	404 48"X50' 2000 CY/HR 185 HP D	187,642	46.50	61.14	9.35	19.02	6.54	22.38	8.60	616
4810	404 48"X60' 2000 CY/HR 185 HP D	198,265	48.49	63.73	9.89	20.13	6.54	23.70	8.60	650
4815	404 60"X50' 3600 CY/HR 290 HP D	224,723	59.84	79.16	11.16	22.63	10.25	26.62	13.48	671
4820	404 60"X60' 3600 CY/HR 290 HP D	248,496	65.33	86.65	12.32	24.95	10.25	29.34	13.48	724
	OPTIONAL EQUIPMENT SELECT AS NEEDED									
4830	SINGLE DECK SCREEN SB-120 72"X12'	14,410	2.59	3.27	0.74	1.54	0.00	1.81	0.00	58
4835	DOUBLE DECK SCREEN DC-120 72"X12'	18,991	3.41	4.31	0.97	2.03	0.00	2.39	0.00	85
4840	TRIPLE DECK SCREEN TC-120 72"X12'	21,698	3.90	4.92	1.11	2.32	0.00	2.73	0.00	90
4845	SINGLE DECK VIBRATING GRIZZLE 72"W	21,772	3.90	4.95	1.11	2.32	0.00	2.75	0.00	89

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
	LOADERS, FRONT END, CRAWLER TYPE **********												
	CASE												
4855	350 B	3/4 CY	39 HP	D	42,240	10.91	13.66	2.18	4.71	1.49	5.58	1.96	105
4860	455 C	1 CY	63 HP	D	56,509	15.14	19.01	2.91	6.30	2.40	7.46	3.16	150
4865	855 C	1-1/2 CY	78 HP	D	73,864	19.56	24.57	3.81	8.23	2.97	9.76	3.92	236
4870	1155 D	1-3/4 CY	110 HP	D	99,253	26.56	33.36	5.11	11.06	4.19	13.11	5.52	282
4875	1455 B	2-1/4 CY	140 HP	D	117,856	32.04	40.27	6.07	13.13	5.34	15.57	7.03	360
	CATERPILLAR												
4885	931B	1 CY	65 HP	D	44,322	12.70	16.00	2.29	4.94	2.48	5.86	3.26	160
4890	943	1-1/2 CY	80 HP	D	87,497	22.53	28.25	4.51	9.75	3.05	11.56	4.02	257
4895	953	2 CY	110 HP	D	109,978	28.80	36.16	5.66	12.25	4.19	14.54	5.52	300
4900	963	2-1/2 CY	150 HP	D	143,715	37.98	47.68	7.40	16.02	5.72	19.00	7.53	399
4905	973	3-3/4 CY	210 HP	D	203,846	53.72	67.45	10.49	22.71	8.01	26.94	10.55	540
	FIAT-ALLIS												
4915	FL5	1 CY	63 HP	D	45,359	12.80	16.12	2.34	5.05	2.40	5.99	3.16	165
4920	FL7	1-1/4 CY	78 HP	D	55,006	15.62	19.68	2.83	6.13	2.97	7.27	3.92	198
4925	FL9	1-5/8 CY	87 HP	D	64,226	18.02	22.70	3.30	7.15	3.32	8.49	4.37	252
4930	FL10C	2 CY	122 HP	D	85,280	24.28	30.58	4.40	9.51	4.65	11.27	6.13	300
4935	FL14C	2-5/8 CY	150 HP	D	113,609	31.67	39.87	5.85	12.66	5.72	15.02	7.53	410
4940	FL20	3-1/2 CY	223 HP	D	162,891	45.83	57.72	8.39	18.15	8.50	21.53	11.20	585
	INTERNATIONAL												
4950	100-E	1-1/8 CY	65 HP	D	52,990	14.51	18.24	2.73	5.90	2.48	7.00	3.26	161
4955	125-E	1-3/8 CY	78 HP	D	65,913	17.90	22.51	3.40	7.35	2.97	8.71	3.92	199
4960	175-C	2 CY	130 HP	D	102,879	28.37	35.70	5.30	11.46	4.96	13.60	6.53	338
4965	250-C	2-3/4 CY	190 HP	D	151,373	41.68	52.45	7.80	16.87	7.24	20.01	9.54	452

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)													
	JOHN DEERE													
4975	JD350-C	3/4 CY		42 HP	D	40,051	10.59	13.30	2.06	4.46	1.60	5.29	2.11	119
4980	JD455-D	1-1/4 CY		67 HP	D	53,061	14.63	18.40	2.73	5.91	2.55	7.01	3.36	172
4985	JD555-A	1-3/8 CY		78 HP	D	65,443	17.80	22.39	3.37	7.29	2.97	8.65	3.92	188
4990	JD655	2 CY		110 HP	D	96,722	26.03	32.71	4.98	10.78	4.19	12.78	5.52	296
4995	JD755-A	2-1/4 CY		130 HP	D	111,362	30.15	37.89	5.74	12.41	4.96	14.71	6.53	320
5000	JD855	2-3/4 CY		200 HP	D	160,958	44.22	55.63	8.29	17.93	7.63	21.28	10.04	460
	KOMATSU													
5010	D31S-17	1.3 CY		66 HP	D	47,249	13.38	16.83	2.44	5.27	2.52	6.25	3.31	156
5015	D41S-3	1.6 CY		90 HP	D	65,744	18.49	23.30	3.38	7.32	3.43	8.69	4.52	262
5020	D53S-16	1.8 CY		110 HP	D	84,324	23.44	29.49	4.35	9.40	4.19	11.14	5.52	300
5025	D57S-1	2.1 CY		135 HP	D	105,190	29.13	36.66	5.41	11.72	5.15	13.91	6.78	340
5030	D75S-3	3.3 CY		200 HP	D	152,789	42.51	53.50	7.86	17.02	7.63	20.19	10.04	485
5035	D155S-1	5.9 CY		350 HP	D	301,091	81.44	102.38	15.50	33.54	13.35	39.80	17.58	950
	LOADERS, FRONT END, WHEEL TYPE (ARTIC = ARTICULATED)													
	BOBCAT													
5045	MOD 440	6 CWT.	SKID STEER	16 HP	G	8,887	3.26	4.22	0.45	0.93	1.32	1.10	1.72	21
5050	MOD 443	6 CWT.	SKID STEER	15 HP	D	10,651	2.56	3.28	0.54	1.12	0.53	1.31	0.70	24
5055	MOD 540	8 CWT.	SKID STEER	23 HP	G	12,058	4.53	5.82	0.61	1.27	1.90	1.50	2.47	31
5060	MOD 543	8 CWT.	SKID STEER	22 HP	D	13,549	3.37	4.31	0.69	1.43	0.78	1.69	1.02	33
5065	MOD 641	10 CWT.	SKID STEER	28 HP	D	15,983	4.08	5.21	0.81	1.69	0.99	1.99	1.30	39
5070	MOD 642	10 CWT.	SKID STEER	32 HP	G	14,739	5.95	7.66	0.75	1.56	2.64	1.84	3.44	38
5075	MOD 742	13 CWT.	SKID STEER	34 HP	G	16,975	6.52	8.38	0.86	1.79	2.80	2.11	3.65	45
5080	MOD 743	13 CWT.	SKID STEER	36 HP	D	18,194	4.82	6.19	0.92	1.92	1.27	2.28	1.67	46
5085	MOD 843	17 CWT.	SKID STEER	54 HP	D	23,428	6.76	8.78	1.18	2.43	1.91	2.86	2.51	63
5090	MOD 974	37 CWT.	SKID STEER	78 HP	D	43,072	11.68	15.50	2.14	4.35	2.76	5.12	3.63	121

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)									
	CASE									
5100	W-4 1/2 CY ARTIC 37 HP D	25,920	6.22	7.98	1.31	2.72	1.31	3.21	1.72	48
5105	W-11 3/4 CY ARTIC 55 HP D	47,214	10.70	13.70	2.40	4.97	1.94	5.86	2.56	89
5110	W-14 1-1/2 CY ARTIC 83 HP D	62,659	14.97	19.48	3.16	6.50	2.93	7.67	3.86	146
5115	W-18 B 1-3/4 CY ARTIC 103 HP D	80,322	19.01	24.64	4.05	8.35	3.64	9.83	4.79	194
5120	W-20 C 2 CY ARTIC 110 HP D	85,944	20.79	27.39	4.30	8.78	3.89	10.33	5.11	230
5125	W-24 C 2-1/2 CY ARTIC 132 HP D	103,661	24.25	31.26	5.24	10.84	4.66	12.79	6.14	216
5130	W-36 3-1/2 CY ARTIC 185 HP D	139,928	34.01	44.67	7.01	14.34	6.54	16.88	8.60	398
	CATERPILLAR									
5140	910 1-1/4 CY ARTIC 65 HP D	51,553	12.21	15.91	2.59	5.33	2.30	6.29	3.02	145
5145	920 1-3/4 CY ARTIC 80 HP D	72,217	16.39	21.19	3.64	7.52	2.83	8.87	3.72	186
5150	930 2-1/4 CY ARTIC 100 HP D	82,719	19.23	24.93	4.17	8.60	3.53	10.14	4.65	212
5155	950-B 3 CY ARTIC 155 HP D	131,882	30.51	39.60	6.64	13.69	5.48	16.14	7.21	328
5160	966-D 4 CY ARTIC 200 HP D	179,438	41.27	53.82	9.01	18.53	7.07	21.84	9.30	426
5165	980-C 5-1/4 CY ARTIC 270 HP D	242,775	52.71	68.88	11.27	23.23	9.54	26.56	12.55	598
5170	988-B 7 CY ARTIC 375 HP D	353,053	74.38	96.88	16.26	33.25	13.25	37.98	17.44	892
5175	992-C 13 CY ARTIC 690 HP D	718,433	150.55	198.74	32.80	66.56	24.38	75.96	32.08	1916
	CLARK									
5185	35C 1-1/2 CY 85 HP D	62,804	15.03	19.49	3.16	6.53	3.00	7.71	3.95	180
5190	45C 2 CY 110 HP D	73,595	18.12	23.45	3.72	7.68	3.89	9.05	5.11	206
5195	55C 2-1/2 CY ARTIC 121 HP D	85,798	20.80	26.94	4.33	8.93	4.28	10.53	5.63	262
5200	75C 3 CY ARTIC 154 HP D	125,038	29.54	38.57	6.28	12.90	5.44	15.19	7.16	313
5205	125C 4 CY ARTIC 203 HP D	168,299	39.91	52.46	8.42	17.24	7.17	20.30	9.44	437
5210	175C 5 CY ARTIC 279 HP D	229,366	51.15	67.07	10.63	21.88	9.86	25.01	12.97	565
5215	275C 7 CY ARTIC 360 HP D	337,401	70.20	90.42	15.64	32.19	12.72	36.79	16.74	864
5220	475C 12 CY ARTIC 612 HP D	633,251	131.24	171.55	29.09	59.37	21.63	67.79	28.46	1689

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	AVERAGE COND. FUEL	SEVERE COND. OWNER-SHIP	SEVERE COND. FUEL	CWT
	LOADERS, F.E., WHEEL TYPE (CONT'D)												
	FIAT-ALLIS												
5230	345-B	1-1/2 CY ARTIC	80 HP	D	55,985	13.65	17.70	2.82	5.82	2.83	6.86	3.72	151
5235	FR-10	2-1/4 CY ARTIC	110 HP	D	71,181	17.63	22.73	3.60	7.45	3.89	8.78	5.11	212
5240	FR-12	2-1/2 CY ARTIC	127 HP	D	78,229	19.87	25.82	3.94	8.12	4.49	9.57	5.91	230
5245	FR-15	3 CY ARTIC	164 HP	D	110,420	27.74	36.48	5.52	11.30	5.80	13.32	7.63	296
5250	FR-20	4-1/2 CY ARTIC	223 HP	D	170,189	41.23	54.16	8.52	17.44	7.88	20.53	10.37	445
5255	945-B	6-1/2 CY ARTIC	335 HP	D	262,937	58.12	75.88	12.09	24.70	11.84	28.20	15.58	666
	FORD												
5265	445A	3/4 CY	48 HP	D	26,342	7.01	9.16	1.32	2.71	1.70	3.19	2.23	73
5270	555A	1 CY	62 HP	D	33,238	8.83	11.47	1.67	3.44	2.19	4.06	2.88	78
5275	A-62	1-1/2 CY	88 HP	D	64,900	15.54	20.11	3.27	6.76	3.11	7.97	4.09	173
5280	A-64	2 CY ARTIC	107 HP	D	78,159	18.85	24.48	3.93	8.11	3.78	9.56	4.98	228
5285	A-66	2-1/2 CY ARTIC	136 HP	D	111,283	26.21	34.20	5.59	11.49	4.81	13.53	6.32	256
	INTERNATIONAL												
5295	510B	1-3/8 CY	80 HP	D	55,044	13.53	17.59	2.77	5.70	2.83	6.72	3.72	140
5300	515B	1-5/8 CY	100 HP	D	67,702	16.64	21.60	3.41	7.04	3.53	8.30	4.65	167
5305	520B	2-1/4 CY ARTIC	120 HP	D	78,858	19.62	25.48	3.98	8.19	4.24	9.65	5.58	232
5310	530	2-3/4 CY ARTIC	155 HP	D	114,543	27.69	36.12	5.76	11.84	5.48	13.95	7.21	291
5315	540	3-3/4 CY ARTIC	189 HP	D	159,006	37.59	49.43	7.96	16.28	6.68	19.17	8.79	360
5320	550	5-1/4 CY ARTIC	209 HP	D	225,271	51.40	68.59	11.17	22.69	7.39	26.70	9.72	544
5325	560B	7-1/2 CY ARTIC	415 HP	D	332,062	71.95	92.81	15.38	31.65	14.67	36.17	19.30	830
5330	570	12 CY ARTIC	590 HP	D	619,565	126.16	162.91	28.67	58.89	20.85	67.29	27.43	1350
	JOHN DEERE												
5340	300B	3/4 CY	43 HP	D	24,276	6.34	8.22	1.22	2.51	1.52	2.96	2.00	69
5345	444C	1-1/2 CY	85 HP	D	65,161	15.42	19.97	3.29	6.79	3.00	8.01	3.95	179
5350	544C	2 CY ARTIC	105 HP	D	78,919	18.64	23.96	4.00	8.28	3.71	9.76	4.88	197

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)													
	JOHN DEERE (CONT'D)													
5355	644C	3	CY ARTIC	145 HP	D	113,430	26.88	34.95	5.71	11.76	5.12	13.87	6.74	260
5360	844	4-1/2	CY ARTIC	260 HP	D	209,998	47.44	62.55	9.71	19.93	9.19	22.78	12.09	490
	KAWASAKI													
5370	KSS-65Z	2.2	CY	104 HP	D	67,667	17.00	22.17	3.40	6.99	3.68	8.23	4.84	225
5375	KSS-70	3.0	CY	158 HP	D	94,797	24.64	32.36	4.75	9.73	5.58	11.46	7.35	305
5380	KSS-80ZII	3.5	CY	165 HP	D	101,536	26.15	34.29	5.09	10.43	5.83	12.28	7.67	327
5385	KSS-85ZII	4.0	CY	217 HP	D	137,822	35.36	46.58	6.89	14.08	7.67	16.58	10.09	409
5390	KSS-95ZII	5.5	CY	305 HP	D	191,543	46.36	61.08	8.86	18.19	10.78	20.78	14.18	615
5395	KSS-110Z	7.5	CY	383 HP	D	300,768	67.06	88.22	13.76	27.98	13.54	31.95	17.81	864
	TEREX (GM)													
5405	33C	2	CY	103 HP	D	67,293	16.89	22.03	3.38	6.95	3.64	8.19	4.79	216
5410	44C	2-1/2	CY	113 HP	D	77,171	18.99	24.68	3.89	8.01	3.99	9.44	5.25	250
5415	55C	3-1/4	CY	144 HP	D	108,852	26.28	34.37	5.46	11.20	5.09	13.20	6.70	280
5420	66C	4	CY	210 HP	D	151,277	37.15	48.73	7.58	15.54	7.42	18.30	9.76	425
5425	80C	5-1/2	CY	307 HP	D	229,381	52.44	68.77	10.63	21.88	10.85	25.01	14.28	590
5430	90B	7-1/2	CY	388 HP	D	336,385	71.33	91.93	15.59	32.08	13.71	36.67	18.04	845
	TROJAN													
5440	1500Z	1-3/4	CY ARTIC	93 HP	D	61,335	15.42	20.17	3.08	6.32	3.29	7.43	4.32	180
5445	1900Z	2-1/2	CY ARTIC	119 HP	G	77,606	26.36	34.18	3.91	8.06	9.82	9.49	12.79	220
5450	2000Z	3	CY ARTIC	160 HP	D	103,356	26.11	34.19	5.18	10.64	5.65	12.53	7.44	306
5455	4000	4-1/4	CY ARTIC	203 HP	D	153,786	37.55	49.55	7.68	15.69	7.17	18.47	9.44	410
5460	5500	5-1/2	CY ARTIC	285 HP	D	227,076	51.35	67.70	10.50	21.57	10.07	24.65	13.25	616
5465	7500	7	CY ARTIC	400 HP	D	299,526	66.48	86.21	13.84	28.38	14.14	32.42	18.60	846

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	LOADER/BACKHOE, WHEEL TYPE TRACTOR									
	CASE									
5475	480D LDR/BHOE 7/8 CY FE BUCKET 47 HP D 24" B/H DIPPER	41,629	9.50	11.99	2.11	4.35	1.66	5.13	2.19	100
5480	580D LDR/BHOE 1.0 CY FE BUCKET 55 HP D 24" B/H DIPPER	48,562	11.01	13.88	2.46	5.11	1.94	6.04	2.56	115
5485	680H LDR/BHOE 1-1/4 CY FE BUCKET 80 HP D 30" B/H DIPPER	74,913	16.85	21.20	3.80	7.86	2.83	9.26	3.72	165
5490	780B LDR/BHOE 1-3/4 CY FE BUCKET 111 HP D 30" B/H DIPPER	88,501	20.71	26.11	4.47	9.24	3.92	10.90	5.16	200
	JOHN DEERE									
5500	310B LDR/BH 3/4 CY FE BUCKET 58 HP D 24" B/H DIPPER	41,576	10.04	12.67	2.10	4.33	2.05	5.10	2.70	135
5505	410B LDR/BH 1 CY FE BUCKET 62 HP D 24" B/H DIPPER	49,405	11.58	14.62	2.50	5.16	2.19	6.08	2.88	138
5510	510B LDR/BHOE 1-1/8 CY FE BUCKET 70 HP D 24" B/H DIPPER	57,303	13.37	16.88	2.90	5.97	2.47	7.04	3.25	150
5515	610B LDR/BH 1-1/3 CY FE BUCKET 80 HP D 24" B/H DIPPER	65,608	15.26	19.24	3.32	6.86	2.83	8.08	3.72	163
5520	710B LDR/BHOE 1-1/2 CY FE BUCKET 100 HP D 30" B/H DIPPER	78,882	18.64	23.57	3.97	8.18	3.53	9.65	4.65	220
	LOADER/BACKHOE, CRLR TYPE TRACTOR									
	CASE									
5530	350B LDR/BHOE 3/4 CY FE BUCKET 39 HP D 24" B/H DIPPER	55,717	13.73	17.16	2.87	6.21	1.49	7.37	1.96	141
5535	450B LDR/BHOE 1 CY FE BUCKET 53 HP D 24" B/H DIPPER	66,344	16.68	20.88	3.42	7.39	2.02	8.77	2.66	167
	CATERPILLAR									
5545	931BLDR/BHOE 1 CY FE BUCKET 65 HP D 30" B/H DIPPER	57,250	15.41	19.36	2.95	6.38	2.48	7.57	3.26	207

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	LOADER/BACKHOE ATTACHMENTS ********** HYDRAULICALLY OPERATED IMPACTOR MOUNTED ON BACKHOE OR HYDRAULIC EXCAVATOR (ADD TO THE BASIC LOADER-BACKHOE OR EXCAVATOR)									
5555	KENT RAM 555 W/NARROW CHISEL	5,115	1.85		0.33	0.73	0.00			6
5560	KENT RAM 999 W/NARROW CHISEL	10,638	3.84		0.67	1.52	0.00			10
5565	KENT RAM 2000 W/CHISEL-MIN 3/4CY B/H	20,603	7.40		1.30	2.94	0.00			22
5570	KENT KHP-12 HYDRA-PAK TAMPER	5,364	1.66		0.33	0.76	0.00			9
5575	KENT KHP-25 HYDRA-PAK MIN 3/4CY B/H	8,410	2.58		0.53	1.20	0.00			15
	PILE EXTRACTORS **********									
	MKT CORPORATION									
5585	E2 700 FT-LBS 400CFM A	14,667	4.12		0.92	2.09	0.00			27
5590	E4 1000 FT-LBS 550CFM A	22,117	6.16		1.39	3.15	0.00			47
	VULCAN									
5600	400A 500 FT-LBS 450CFM A	18,845	5.23		1.18	2.68	0.00			30
5605	800A 1000 FT-LBS 900CFM A	24,652	7.00		1.56	3.52	0.00			57
5610	1200A 1640 FT-LBS 1350CFM A	29,106	8.46		1.83	4.15	0.00			97
	PILE HAMMERS, DIESEL ********** (FUEL NOT INCLUDED)									
	MKT CORPORATION									
5620	DE-30B/20B (6-FT) 12,000 FT-LBS	37,018	9.83		2.33	5.28	0.00			74
5625	DE-30B/20B (6-FT) 16,800 FT-LBS	41,370	10.97		2.60	5.90	0.00			82
5630	DE-70B/50B (6-FT) 30,000 FT-LBS	67,961	17.99		4.28	9.69	0.00			138
5635	DE-70B/50B (6-FT) 42,000 FT-LBS	72,243	19.13		4.55	10.31	0.00			158

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, SINGLE ACTING													
	VULCAN													
5645	1	15000 FT-LBS	750CFM	A		37,859	10.42		2.39	5.40	0.00			101
5650	06	19500 FT-LBS	900CFM	A		43,371	11.94		2.73	6.19	0.00			121
5655	08	26000 FT-LBS	1100CFM	A		49,999	13.78		3.15	7.13	0.00			175
5660	010	32500 FT-LBS	1350CFM	A		54,786	15.18		3.45	7.81	0.00			195
5665	012	39000 FT-LBS	1500CFM	A		61,485	16.84		3.86	8.76	0.00			287
5670	014	42000 FT-LBS	1750CFM	A		73,297	20.26		4.61	10.45	0.00			283
5675	016	48750 FT-LBS	1750CFM	A		86,770	23.82		5.46	12.37	0.00			320
5680	020	60000 FT-LBS	2150CFM	A		115,821	31.70		7.29	16.52	0.00			425
5685	030	90000 FT-LBS	2350CFM	A		171,240	46.41		10.77	24.41	0.00			575
	PILE HAMMERS, DOUBLE ACTING													
	MKT CORPORATION													
5695	9-B-3	8750 FT-LBS	900CFM	A		29,686	8.32		1.87	4.23	0.00			74
5700	10-B-3	13100 FT-LBS	1200CFM	A		33,739	9.54		2.13	4.81	0.00			114
5705	11-B-3	19150 FT-LBS	1200CFM	A		44,966	12.50		2.83	6.41	0.00			141
5710	5 (SELF STOP)	1000 FT-LBS	375CFM	A		11,246	3.21		0.71	1.60	0.00			17
5715	6 (SELF STOP)	2500 FT-LBS	600CFM	A		14,255	4.09		0.90	2.03	0.00			31
5720	7 (SELF STOP)	4150 FT-LBS	750CFM	A		17,871	5.15		1.13	2.55	0.00			50
	VULCAN													
5730	50C	15100 FT-LBS	1250CFM	A		48,220	13.37		3.03	6.87	0.00			153
5735	65C	19200 FT-LBS	1450CFM	A		55,175	15.34		3.48	7.87	0.00			153
5740	80C	24450 FT-LBS	1750CFM	A		59,282	16.56		3.73	8.45	0.00			184
5745	100C	32900 FT-LBS	2050CFM	A		72,647	20.25		4.57	10.36	0.00			232
5750	140C	36000 FT-LBS	2150CFM	A		89,765	24.82		5.65	12.80	0.00			287
5755	200C	50200 FT-LBS	2550CFM	A		129,904	35.61		8.17	18.52	0.00			398

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
	PILE HAMMERS, VIBRATORY **********									
	MKT CORPORATION									
5765	V5 WITH POWER PACK 59 HP D	64,815	19.87		4.08	9.25	2.09			110
5770	V16 WITH POWER PACK 156 HP D	121,795	39.40		7.67	17.37	5.51			215
5775	V20 WITH POWER PACK 295 HP D	178,555	60.87		11.23	25.46	10.43			257
5780	V30 WITH POWER PACK 550 HP D	192,459	76.44		12.11	27.45	19.44			350
5785	V36 WITH POWER PACK 650 HP D	244,087	94.70		15.35	34.80	22.97			450
	PIPELAYER **********									
	CATERPILLAR									
5795	561D 15 FT BOOM, 40,000 LB CAP 105 HP D	125,583	20.88	25.54	5.98	11.86	2.05	13.49	2.64	357
5800	571G 18 FT BOOM, 60,000 LB CAP 200 HP D	202,590	34.51	42.27	9.64	19.12	3.91	21.75	5.02	502
5805	572G 18 FT BOOM, 90,000 LB CAP 200 HP D	281,481	45.83	56.00	13.40	26.58	3.91	30.23	5.02	605
5810	583K 20 FT BOOM, 140,000 LB CAP 300 HP D	292,409	50.13	61.41	13.92	27.61	5.86	31.40	7.53	905
5815	594H 24 FT BOOM, 200,000 LB CAP 410 HP D	408,182	69.73	85.43	19.43	38.54	8.01	43.83	10.30	1229
	PUMPS, GROUT **********									
	CHEMGROUT									
5825	CG-500 VERSATILE AIR OPERATED GROUT PLANT-100 PSI, 230 CFM	12,797	3.06		0.74	1.75	0.00			11
5830	CG-550 AIR OPERATED MINI GROUT PLANT-100 PSI, 150 CFM	4,727	1.18		0.28	0.65	0.00			5
5835	CG-600 AIR OPERATED COLLOIDAL MIXER AND PUMP-100 PSI, 450 CFM	18,888	4.61		1.09	2.58	0.00			18
5840	CG-620 COLLOIDAL ADD-ON TO CG-500	8,168	1.91		0.48	1.12	0.00			11

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
	PUMPS, WATER (FOR CORE DRILLS) **********									
	LONGYEAR									
5850	520 RQG 5.7-20 GPM UP TO 600PSI 10 HP G	6,918	2.69		0.36	0.74	1.14			7
5855	535 RQG 9.9-35 GPM UP TO 800PSI 15 HP G	8,743	3.77		0.45	0.94	1.71			10
	PUMPS, WATER,CENTRIFUGAL,DEWATERING **********									
	HOMELITE - SKID MOUNTED									
5865	MOD 110S 1-1/2"-5000 GPH @ 30' H 2 HP G	482	0.39		0.03	0.06	0.23			1
5870	MOD 111S 2" - 9000 GPH @ 22' H 3 HP G	620	0.56		0.03	0.07	0.34			1
5875	MOD 120S 3" - 18000 GPH @ 20' H 8 HP G	1,150	1.40		0.06	0.13	0.91			2
	MARLOW - WHEEL MOUNTED									
5885	MOD 4D2 465 GPM @ 20 ' HEAD 43 HP G	9,168	8.03		0.47	0.98	4.89			14
5890	MOD 4C7 595 GPM @ 20 ' HEAD 30 HP D	5,275	2.94		0.27	0.56	1.48			10
5895	MOD 6E4A 1100 GPM @ 20 ' HEAD 79 HP G	12,144	13.95		0.63	1.30	8.99			15
5900	MOD 6E4A 1100 GPM @ 20 ' HEAD 60 HP D	17,491	7.08		0.90	1.87	2.96			24
5905	MOD 8FA3 2320 GPM @ 20 ' HEAD 70 HP D	22,488	8.61		1.15	2.40	3.45			23
5910	MOD 10FA61 2775 GPM @ 20 ' HEAD 68 HP D	23,891	8.71		1.22	2.55	3.35			30
	PUMPS, WATER, CENTRIFUGAL, TRASH **********									
	HOMELITE - SKID MOUNTED									
5920	MOD 121TP 2" - 11500 GPH @ 20' H 5 HP G	994	0.91		0.05	0.10	0.57			1
5925	MOD 120 3" - 23000 GPH @ 20' H 8 HP G	1,360	1.43		0.07	0.14	0.91			2
5930	MOD 160TP 4" - 36500 GPH @ 20' H 16 HP G	2,788	2.88		0.14	0.30	1.82			4

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,DIAPHRAGM									
	HOMELITE - SKID MOUNTED									
5940	MOD 111DP 2" - 1900 GPH @ 10' HD 3 HP G	1,244	0.66		0.06	0.13	0.34			1
5945	MOD 111DP 3" - 4800 GPH @ 10' HD 3 HP G	1,389	0.69		0.08	0.15	0.34			2
	PUMPS, WATER, SUBMERSIBLE									
	GORMAN-RUPP									
5955	MOD S2A1 2" - 138 GPM @ 20' HD 2 HP E	1,686	0.52		0.09	0.18	0.20			2
5960	MOD S3A1 3" - 278GPM @ 20' HD 5 HP E	2,409	1.05		0.13	0.26	0.49			3
5965	MOD S4A1 4" - 860 GPM @ 40' HD 25 HP E	8,556	4.77		0.44	0.91	2.47			12
5970	MOD S6A1 6" - 1950 GPM @ 40' HD 60 HP E	11,152	10.16		0.57	1.19	5.94			14
	HOMELITE									
5980	MOD SP200 2" - 13000 GPH @ 10' HD 2 HP E	1,367	0.47		0.07	0.14	0.20			1
5985	MOD SP300 3" - 19000 GPH @ 15' HD 4 HP E	1,691	0.82		0.09	0.19	0.40			1
	RIPPER & HYDRAULIC BANK SLOPER (DOES NOT INCLUDE COST OF POINT WEAR)									
	ATECO									
5995	LPAF-D8K PARALLEL LIFT	25,588	5.49	7.38	1.47	3.39	0.00	4.27	0.00	101
6000	D-8K SHANKS EA	2,019	0.43	0.58	0.12	0.27	0.00	0.34	0.00	11
6005	LPAF-D7G PARALLEL LIFT	19,065	4.09	5.50	1.10	2.52	0.00	3.18	0.00	57
6010	D-7G SHANKS EA	885	0.19	0.25	0.05	0.12	0.00	0.15	0.00	5
6015	V-LPRF-TD25E PARALLEL LIFT STD SVC	22,016	4.73	6.36	1.26	2.91	0.00	3.67	0.00	97
6020	TD-25C SHANKS EA	1,986	0.42	0.56	0.11	0.26	0.00	0.33	0.00	8
6025	V-LPRF-TD20E PARALLEL LIFT STD SVC	15,862	3.41	4.58	0.91	2.09	0.00	2.64	0.00	51
6030	TD-20E SHANKS EA	1,266	0.27	0.36	0.07	0.17	0.00	0.21	0.00	4
6035	PS-TD15C RADIAL LIFT	9,254	2.02	2.71	0.53	1.22	0.00	1.54	0.00	22
6040	TD-15C SHANKS EA	501	0.11	0.15	0.03	0.07	0.00	0.09	0.00	1
6045	V-LPRF 82-50 PARALLEL LIFT STD SVC	24,557	5.24	7.06	1.40	3.24	0.00	4.09	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	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	RIPPER & HYDR BANK SLOPER (CONT'D) ********** (DOES NOT INCLUDE COST OF POINT WEAR)									
	ATECO (CONT'D)									
6050	B2-50 SHANKS EA	1,986	0.42	0.56	0.11	0.26	0.00	0.33	0.00	8
6055	W-LPRF-82-30BPARALLEL LIFT	21,812	4.67	6.28	1.25	2.88	0.00	3.64	0.00	89
6060	B2-30 SHANKS EA	2,678	0.57	0.76	0.16	0.36	0.00	0.45	0.00	8
6065	HBS-HYDR BANK SLOPER 260-475 HP	9,573	1.75	2.19	0.49	1.07	0.00	1.27	0.00	28
	CATERPILLAR									
6075	D-10 MULTI-SHANK BEAM	53,664	11.51	15.48	3.07	7.09	0.00	8.95	0.00	218
6080	D-10 SHANKS EA	3,908	0.83	1.11	0.23	0.52	0.00	0.65	0.00	15
6085	D-10 SINGLE-SHANK BEAM	57,044	12.22	16.43	3.27	7.54	0.00	9.52	0.00	209
6090	D-9L MULTI-SHANK BEAM W/HYD-CONTROL	45,406	9.73	13.06	2.61	6.01	0.00	7.57	0.00	162
6095	D-9L SHANKS EA	3,516	0.74	1.00	0.20	0.46	0.00	0.59	0.00	14
6100	D-9L SINGLE-SHANK BEAM HYD-CNTL&SHANK	42,282	9.05	12.18	2.42	5.58	0.00	7.05	0.00	156
6105	D-8L MULTI-SHANK BEAM HYD-CONTROL	30,589	6.55	8.79	1.76	4.05	0.00	5.10	0.00	98
6110	D-8L SHANKS EA	1,973	0.41	0.56	0.11	0.26	0.00	0.33	0.00	7
6115	D-8L SINGLE-SHANK BEAM HYD-CNTL&SHANK	29,763	6.36	8.56	1.70	3.93	0.00	4.96	0.00	101
6120	D-7G MULTI-SHANK BEAM HYD-CONTROL	17,10[illegible]	3.68	4.94	0.98	2.26	0.00	2.85	0.00	57
6125	D-7G SHANKS EA	1,018	0.21	0.29	0.06	0.13	0.00	0.17	0.00	3
6130	D-6D MULTI-SHANK BEAM HYD-CONTROL	10,689	2.34	3.12	0.62	1.42	0.00	1.78	0.00	34
6135	D-6D SHANKS EA	516	0.11	0.15	0.03	0.07	0.00	0.09	0.00	1
6140	D-4E MULTI-SHANK BEAM HYD-CONTROL	6,608	1.47	1.96	0.38	0.87	0.00	1.10	0.00	22
6145	D-4E SHANKS EA	280	0.06	0.08	0.02	0.04	0.00	0.05	0.00	1
6150	D-3B FIVE-SHANK BEAM HYD-CONTROL	2,813	0.67	0.87	0.16	0.37	0.00	0.46	0.00	7
6155	D-3B SHANKS EA	150	0.02	0.05	0.00	0.01	0.00	0.03	0.00	1
	FIAT-ALLIS									
6165	FD-50 W/HYD-CNTL AND 1 SHANK	57,906	12.47	16.73	3.32	7.65	0.00	9.65	0.00	280
6170	FD-40 W/HYD-CNTL AND 2 SHANKS	45,577	9.79	13.16	2.61	6.02	0.00	7.60	0.00	200

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
	RIPPER & HYDR BANK SLOPER (CONT'D)									
	(DOES NOT INCLUDE COST OF POINT WEAR)									
	FIAT-ALLIS (CONT'D)									
6175	FD-30 W/HYD-CNTL AND 2 SHANKS	34,288	7.33	9.85	1.97	4.54	0.00	5.72	0.00	108
6180	RP20B W/HYD-CNTL AND 3 SHANKS	21,406	4.60	6.18	1.23	2.83	0.00	3.57	0.00	88
	ROLLER, RUBBER TIRED, SELF-PROPELLED									
	FERGUSON									
6190	MOD SP-912 12 TON 85 HP D	40,627	11.01		2.07	4.41	3.00			99
6195	MOD SP-915 15 TON 85 HP D	44,963	11.78		2.30	4.89	3.00			135
6200	MOD SP-1118 18 TON 85 HP D	52,082	13.05		2.65	5.65	3.00			124
6205	MOD SP-1130 30 TON 125 HP D	83,544	20.61		4.22	8.94	4.42			242
	INGRAM									
6215	9-2800-P 12 TON 76 HP D	35,484	9.71		1.81	3.84	2.69			73
6220	9-2800-PA 12 TON 76 HP D	38,185	10.19		1.94	4.14	2.69			86
6225	9-3400-P 15 TON 78 HP D	39,106	10.44		1.99	4.24	2.76			97
6230	11-2700 15 TON 107 HP G	37,676	17.73		1.92	4.07	8.83			89
6235	11-2700 15 TON 76 HP D	41,927	10.86		2.13	4.53	2.69			91
6240	13-2300 15 TON 107 HP G	39,363	18.05		2.00	4.24	8.83			86
6245	13-2300 15 TON 76 HP D	43,636	11.19		2.22	4.71	2.69			90
6250	9-6000 27 TON 117 HP D	95,509	22.46		4.81	10.16	4.13			205
	TAMPO									
6260	SP-312 12 TON 68 HP D	38,652	9.92		1.97	4.19	2.40			66
6265	SP-518 15 TON 68 HP D	47,954	11.58		2.44	5.20	2.40			95
6270	SP-950 27 TON 130 HP D	98,925	23.60		5.00	10.57	4.59			198
6275	SP-1070 M 35 TON 130 HP D	119,104	27.81		5.91	12.31	4.59			258

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
	ROLLER, RUBBER TIRED, TOWED **********									
	FERGUSON									
6285	RT-100S 50 TON	65,862	11.81		3.04	5.90	0.00			200
6290	RT-120S 60 TON	77,608	14.44		3.81	7.81	0.00			218
	SOUTHWEST									
6300	C 50 50 TON	79,780	14.43		3.77	7.50	0.00			344
6305	C 75 75 TON	89,245	16.15		4.15	8.08	0.00			408
6310	C 100XL 100 TON	123,206	22.37		5.89	11.82	0.00			601
	TAMPO									
6320	R-13 14 TON	9,877	1.86		0.48	0.98	0.00			35
	ROLLER, SHEEPSFOOT,DOUBLE DRUM,TOWED **********									
	FERGUSON									
6330	MOD 112 40"X48" 3-7 TON	14,017	2.63		0.73	1.55	0.00			65
6335	MOD 112W 40"X48" 4.5-8 TON	17,850	3.30		0.92	1.97	0.00			91
6340	MOD 112W-48 48"X48" 5-10 TON	18,433	3.41		0.95	2.04	0.00			105
6345	MOD 120 60"X60" 8-18 TON	27,602	5.04		1.42	3.05	0.00			157
6350	MOD 120 MOD 60"X60" 8-18 TON	42,191	7.61		2.17	4.65	0.00			230
6355	MOD 120-RE 60"X60" 16-20 TON	63,501	11.40		3.27	7.01	0.00			327
6360	MOD 22 60"X72" 16-20 TON	41,657	7.53		2.14	4.59	0.00			215
6365	MOD 22 MOD 60"X72" 16-20 TON	48,492	8.74		2.49	5.35	0.00			269
6370	MOD 144-RE 60"X72" 19-24 TON	74,745	13.38		3.84	8.24	0.00			385
	TAMPO									
6380	H-1 TF 40"X48" 2.6TON	6,209	1.26		0.32	0.69	0.00			32
6385	H-2 TF 40"X48" 5 TON	12,550	2.38		0.65	1.39	0.00			63

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,DD,SELF-PROPELLED									
	CATERPILLAR									
6395	B15 B 40.5"X38" 210 HP D	163,297	38.15		8.40	18.02	7.42			420
6400	B25C 51"X44" 310 HP D	246,881	57.35		12.69	27.23	10.96			633
6405	B25C W/S BLADE 310 HP D	260,768	59.81		13.40	28.76	10.96			684
	HYSTER									
6415	C455-B TANDEM 80"X80" ARTIC 330 HP D	261,923	60.88		13.46	28.89	11.66			573
	ROLLER, SMOOTH WHEEL,SELF-PROPELLED									
	FERGUSON									
6425	3-5 TON TANDEM 52 HP D	27,358	7.13		1.41	3.02	1.84			77
6430	4-6 TON TANDEM 52 HP D	32,656	8.07		1.68	3.60	1.84			96
6435	6-8 TON TANDEM 85 HP D	49,850	12.56		2.56	5.50	3.00			136
6440	8-10 TON TANDEM 85 HP D	52,214	12.98		2.69	5.76	3.00			174
6445	8-12 TON TANDEM 85 HP D	54,526	13.38		2.80	6.01	3.00			176
6450	10-14 TON TANDEM 85 HP D	56,947	13.81		2.93	6.28	3.00			219
	INGRAM									
6460	12 TON EB 3 WHEEL 3" OVERLAP 107 HP G	54,664	20.64		2.81	6.03	8.83			194
6465	12 TON EB 3 WHEEL 3" OVERLAP 85 HP D	58,615	14.10		3.01	6.46	3.00			196
6470	14 TON EB 3 WHEEL 3" OVERLAP 107 HP G	58,035	21.24		2.98	6.40	8.83			221
6475	14 TON EB 3 WHEEL 3" OVERLAP 85 HP D	61,986	14.71		3.19	6.84	3.00			223
6480	4-6 TON FB 2 WHEEL TANDEM 54 HP G	26,796	10.26		1.38	2.95	4.45			82
6485	6-9 TON GB 2 WHEEL TANDEM 107 HP G	36,429	17.41		1.88	4.02	8.83			133
6490	6-9 TON GB 2 WHEEL TANDEM 85 HP D	40,381	10.87		2.07	4.45	3.00			135
6495	8-12 TON HB 2 WHEEL TANDEM 107 HP G	44,220	18.78		2.27	4.87	8.83			171
6500	8-12 TON HB 2 WHEEL TANDEM 85 HP D	48,172	12.25		2.48	5.31	3.00			173
6505	10-14 TON HB 2 WHEEL TANDEM 107 HP G	47,767	19.42		2.46	5.27	8.83			203
6510	10-14 TON HB 2 WHEEL TANDEM 85 HP D	51,718	12.88		2.66	5.70	3.00			205

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, VIBRATORY,SINGLE DRUM,TOWED									
	**********									
	TF=ROLLER W/TAMPING FEET									
	VIBRATION FREQUENCY IN HERTZ									
	DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC									
6520	CK-11 40HZ 30"X55" 5 TON 18 HP G	13,419	5.87		0.77	1.76	2.05			31
6525	CF-11 40HZ TF 30"X55" 5 TON 18 HP G	16,409	6.57		0.93	2.14	2.05			32
6530	CH-47 27HZ 47"X74" 13 TON 43 HP D	34,909	11.02		2.00	4.57	2.12			130
6535	CF-47 27HZ TF 47"X74" 13 TON 43 HP D	38,232	11.79		2.18	4.99	2.12			135
6540	CK-51 25HZ 59"X83" 24 TON 95 HP D	53,524	18.77		3.05	6.99	4.68			221
6545	CF-51 25HZ TF 59"X83" 24 TON 95 HP D	56,425	19.46		3.23	7.38	4.68			226
	FERGUSON									
6555	65 25HZ TF 60"X72" 11 TON 49 HP D	37,489	12.01		2.14	4.90	2.42			110
6560	65T 30HZ TF 44"X72" 11 TON 49 HP D	40,785	12.79		2.33	5.33	2.42			127
6565	230 25HZ 66"X78" 20 TON 77 HP D	65,741	20.48		3.75	8.59	3.80			237
6570	230T 25HZ TF 66"X78" 21 TON 77 HP D	71,591	21.86		4.09	9.36	3.80			268
	HYSTER									
6580	C200B 30HZ 48"X60" 9 TON 39 HP D	25,508	8.54		1.46	3.33	1.92			80
6585	C210A 30HZ TF 58"X60" 9 TON 39 HP D	31,254	9.90		1.79	4.09	1.92			100
	RAYGO									
6595	SF-54A TF 38HZ 30"X54" 7.5TON 30 HP D	19,371	6.51		1.11	2.53	1.48			48
6600	SM-54A 38HZ 30"X54" 7.5TON 30 HP D	17,587	6.09		1.00	2.30	1.48			48
	SOUTHWEST									
6610	756 25HZ TF 66"X78"23.5TON 75 HP D	81,400	24.03		4.65	10.64	3.70			240
6615	566 33HZ TF 56"X72"25.5TON 50 HP D	62,115	17.87		3.55	8.12	2.46			165

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,VIB,SINGLE DRUM,SELF-PROPELLED ********** TF=ROLLER W/TAMPING FEET VIBRATION FREQUENCY IN HERTZ DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC									
6630	CA-15 29HZ 48"X66" 11 TON 73 HP D	61,061	19.18		3.47	7.90	3.60			132
6635	CA-15A 42HZ 48"X66" 12 TON 85 HP D	70,457	22.3		3.95	8.91	4.19			144
6640	CA-15PD 29HZ TF 53"X66" 13 TON 85 HP D	80,555	24.55		4.58	10.45	4.19			157
6645	CA-25A 40HZ 60"X84" 18 TON 125 HP D	90,345	29.56		5.10	11.56	6.16			200
6650	CA-25 28HZ 60"X84" 18 TON 125 HP D	84,277	28.11		4.76	10.80	6.16			200
6655	CA-25S 28HZ 61"X84" 22 TON 125 HP D	90,705	29.63		5.12	11.64	6.16			225
6660	CA-25PD 28HZ 68"X84" 22 TON 125 HP D	104,592	32.89		5.91	13.45	6.16			248
6665	CA-30 28HZ 61"X84" 22 TON 125 HP D	93,476	30.28		5.28	12.00	6.16			242
6670	CA-30D 28HZ 61"X84" 22 TON 125 HP D	101,187	32.09		5.72	13.01	6.16			252
	FERGUSON									
6680	SP 266A 42HZ 48"X66" 15 TON 125 HP D	87,951	28.82		5.02	11.49	6.16			225
6685	SP 75 30HZ 60"X84" 22.5 TON 85 HP D	72,558	22.76		4.09	9.27	4.19			191
6690	SP 75D 30HZ 60"X84" 22.5 TON 120 HP D	76,982	26.06		4.34	9.84	5.91			193
6695	SP 75DT 30HZ TF 60"X84" 22.5 TON 120 HP D	87,551	28.56		4.95	11.23	5.91			236
	INGERSOLL RAND									
6705	SPF-56 30HZ TF 56"X84" 21 TON 115 HP D	93,189	29.56		5.26	11.96	5.67			222
6710	SP-60DD 25HZ 60"X100" 30 TON 203 HP D	138,074	46.01		7.77	17.60	10.01			377
	RAYGO									
6720	RASCAL 220A 30HZ TF38"X48" 6 TON 70 HP D	56,599	17.89		3.22	7.35	3.45			97
6725	RASCAL 303A 38HZ 48"X66" 8 TON 70 HP D	56,620	17.94		3.21	7.31	3.45			137
6730	RASCAL 320A 25HZ TF48"X60" 8 TON 80 HP D	75,379	22.98		4.29	9.79	3.94			151
6735	RASCAL 320S 25HZ 48"X60" 8 TON 80 HP D	65,238	20.61		3.70	8.43	3.94			144
6740	RUSTLER 304A 28HZ 48"X66" 8 TON 70 HP D	63,894	19.80		3.58	8.06	3.45			130
6745	RUSTLER 404B 28HZ 59"X84"13.5TON 88 HP D	85,327	25.95		4.83	10.97	4.34			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)									
6750	RASCAL 420C 25HZ TF60"X84" 16 TON 119 HP D	98,764	31.13		5.59	12.71	5.87			225
6755	RASCAL 4000 25HZ 60"X84" 20 TON 125 HP D	79,145	26.91		4.47	10.13	6.16			224
6760	RASCAL 510A 25HZ 60"X80"22.5TON 119 HP D	116,359	35.30		6.58	14.96	5.87			358
6765	RASCAL 600A 25HZ 60"X100"22.5TON 119 HP D	101,196	31.73		5.71	12.97	5.87			316
6770	RASCAL 450A 28HZ 59"X84"28.5TON 125 HP D	86,651	28.75		4.87	11.00	6.16			263
	TAMPO									
6780	RS-16A 26HZ 48'X24" 7.5TON 68 HP D	65,667	20.08		3.68	8.29	3.35			124
6785	RS-16 26HZ 48"X24" 8 TON 68 HP D	57,947	18.12		3.29	7.50	3.35			115
6790	RS-16D 26HZ 48"X24" 8 TON 80 HP D	67,879	21.23		3.86	8.79	3.94			123
6795	RH-16A 26HZ 48"X24" 9 TON 75 HP D	74,573	22.64		4.19	9.46	3.70			153
6800	RP-16D 26HZ TF 48"X24" 9 TON 80 HP D	74,064	22.69		4.21	9.60	3.94			127
6805	RP-28D 25HZ TF 63"X84" 15 TON 110 HP D	97,516	30.26		5.51	12.53	5.42			212
6810	RS-28C 25HZ 60"X84" 15 TON 107 HP D	81,161	26.21		4.58	10.39	5.27			202
6815	RS-28D 25HZ 60"X84" 15 TON 107 HP D	87,715	27.74		4.95	11.24	5.27			208
6820	RH-28D 28HZ 60"X84"22.5TON 110 HP D	111,718	33.59		6.32	14.38	5.42			259
	ROLLER,VIB,DOUBLE DRUM,SELF-PROPELLED									
	TF=ROLLER W/TAMPING FEET VIBRATION FREQUENCY IN HERTZ DYNAMIC FORCE SHOWN IN TONS									
	DYNAPAC									
6830	LR-50 60HZ TANDEM 2 TON 16 HP D	11,498	3.74		0.65	1.50	0.79			25
6835	CC-10 50HZ TANDEM 2 TON 34 HP D	30,335	9.36		1.74	3.97	1.68			50
6840	CC-21 50HZ TANDEM 4 TON 71 HP D	71,605	21.47		4.09	9.36	3.50			137
6845	CC-42II 42HZ TANDEM 12 TON 125 HP D	96,211	30.77		5.49	12.58	6.16			200
6850	CC-50A 40HZ TANDEM 18 TON 155 HP D	116,435	37.48		6.65	15.22	7.64			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)									
6855	CC-50S 28HZ TANDEM 22 TON 181 HP D	140,591	44.85		8.02	18.37	8.92			342
6860	CC-50PD 28HZ TF TANDEM 22 TON 181 HP D	162,786	50.08		9.30	21.28	8.92			419
	RAYGO									
6870	REBEL 1-36 40HZ TANDEM 2 TON 16 HP D	11,014	3.63		0.63	1.44	0.79			23
6875	ROMPER 2-36 40HZ TANDEM 4 TON 35 HP D	25,275	8.22		1.44	3.30	1.73			40
6880	RUSTLER 5604A 50HZ TANDEM 5.5TON 70 HP D	65,796	20.03		3.76	8.60	3.45			132
6885	RUSTLER 7204A 38HZ TANDEM 8 TON 115 HP D	87,907	28.17		5.02	11.49	5.67			250
6890	RANGER 2-66 38HZ TANDEM 8 TON 119 HP D	116,827	35.24		6.67	15.27	5.87			215
	TAMPO									
6900	RS-03 60HZ 36"X24" 2 TON 14 HP G	11,344	4.77		0.65	1.48	1.59			23
6905	RS-144A 50HZ 42"X48" 8 TON 52 HP D	58,668	17.19		3.35	7.67	2.56			100
6910	RS-166A 36HZ 48"X66" 16 TON 80 HP D	87,577	25.81		5.00	11.45	3.94			200
6915	RS-188A 36HZ 60"X84" 30 TON 156 HP D	111,145	36.31		6.35	14.53	7.69			320
6920	RH-199 25HZ 60"X96" 45 TON 262 HP D	197,227	63.45		11.26	25.78	12.91			491
	SCRAPERS, SELF-PROPELLED (CAPACITY AS RECOMMENDED BY MFGR HP & FUEL LISTED TRACTOR/SCRAPER PP = PUSH PULL ATTACHMENT)									
	CATERPILLAR									
6930	613-B 13 T 11 CY P.S. 150 HP D	129,049	31.82	41.22	6.46	13.56	5.44	16.03	7.11	307
6935	615 19 T 14-16 CY P.S. 250 HP D	214,677	52.33	68.38	10.72	23.15	9.07	27.46	11.86	525
6940	621-B 24 T 14-20 CY P.S. 330 HP D	272,657	63.86	83.32	13.66	29.58	10.74	35.12	14.12	662
6945	623-B 25 T 22 CY P.S. 330 HP D	303,216	72.15	93.92	15.20	32.92	11.97	39.08	15.65	720
6950	627-B 24 T 14-20 CY P.S. 225/225 HP D/D	312,649	79.45	104.51	15.73	34.19	15.48	40.59	20.09	733
6955	627-B PP 24 T 14-20 CY P.S. 225/225 HP D/D	331,940	82.69	108.53	16.73	36.40	15.48	43.23	20.09	776

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
	SCRAPERS, SELF-PROPELLED (CONT'D) ********** (CAPACITY AS RECOMMENDED BY MFGR HP & FUEL LISTED TRACTOR/SCRAPER PP = PUSH PULL ATTACHMENT)									
	CATERPILLAR (CONT'D)									
6960	631-D 37.5T 21-31 CY P.S. 450 HP D	418,062	95.31	124.16	20.97	45.45	14.65	53.95	19.25	934
6965	633-D 37.5T 34 CY P.S. 450 HP D	476,197	108.87	141.02	23.98	52.13	16.32	61.90	21.34	1042
6970	637-D 37.5T 21-31 CY P.S. 450/250 HP D/D	512,979	127.54	167.16	25.87	56.35	24.09	66.94	31.25	1053
6975	637-D PP 37.5T 21-31 CY P.S. 450/250 HP D/D	535,091	131.26	171.76	27.02	58.89	24.09	69.96	31.25	1077
6980	639-D 37.5T 24-34 CY P.S. 450/250 HP D/D	589,493	143.06	188.15	29.68	64.52	24.09	76.62	31.25	1223
6985	651-E 52 T 32-44 CY P.S. 550 HP D	547,412	123.44	161.02	27.42	59.38	17.90	70.49	23.53	1308
6990	657-E 52 T 32-44 CY P.S. 550/400 HP D/D	667,541	168.29	220.90	33.64	73.19	32.69	86.93	42.41	1516
	FIAT-ALLIS									
7005	161 18.7 T 15 CY P.S. 229 HP D	184,476	45.13	58.68	9.26	20.07	8.31	23.83	10.86	466
7010	260B 25.0 T 15-21 CY P.S. 325 HP D	243,672	58.55	76.47	12.19	26.38	10.58	31.30	13.90	585
7015	261B 26.5 T 23 CY P.S. 325 HP D	274,786	66.00	85.55	13.83	30.06	11.79	35.69	15.41	635
7020	262B 25.0 T 15-21 CY P.S. 325/171 HP D/D	295,425	77.59	101.68	14.90	32.43	17.07	38.52	22.14	679
7025	263-B 26.5 T 23 CY P.S. 325/171 HP D/D	352,583	87.67	114.51	17.82	38.88	17.07	46.19	22.14	742
	INTERNATIONAL									
7035	412B 13 T 11 CY P.S. 125 HP D	133,147	30.98	39.93	6.69	14.11	4.53	16.68	5.93	335
7040	431B 24 T 14-21 CY P.S. 326 HP D	261,479	61.86	80.81	13.08	28.30	10.61	33.58	13.95	609
7045	433B 24 T 14-21 CY P.S. 326/185 HP D/D	306,922	81.12	106.74	15.43	33.52	17.58	39.80	22.81	700
7050	442B 25 T 22 CY P.S. 326 HP D	292,272	69.62	90.48	14.67	31.84	11.82	37.80	15.46	680
	JOHN DEERE									
7060	JD762A 13.7 T 11 CY P.S. 175 HP D	136,346	34.07	43.93	6.86	14.46	6.35	17.10	8.30	355
7065	JD862 20.0 T 16 CY P.S. 250 HP D	185,541	46.31	60.22	9.31	20.19	9.07	23.98	11.86	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)									
7075	S-23E 26.5T 23 CY P.S. 310 HP D	267,796	64.74	84.38	13.41	29.02	11.24	34.45	14.70	660
7080	S-24B 40.8T 24-34 CY P.S. 475 HP D	426,071	98.82	129.30	21.28	45.97	15.46	54.55	20.32	955
7085	TS-14B 23.5T 14-20 CY P.S. 144/144 HP D/D	272,785	64.79	85.30	13.73	29.83	9.91	35.42	12.86	544
7090	TS-24 40 T 24-32 CY P.S. 394/225 HP D/D	463,421	115.40	151.70	23.34	50.74	21.30	60.25	27.63	960
7095	TS-24B 40.8T 24-34 CY P.S. 475/242 HP D/D	545,292	135.39	178.04	27.44	59.67	24.67	70.86	32.01	1084
	SCRAPER, TRACTOR DRAWN									
	ROME									
7110	R67H 18T 12-17CY HYDR/CONTROL	77,212	12.22	14.66	3.55	6.97	0.00	7.91	0.00	235
7115	R89H 27T 18-26CY HYDR/CONTROL	102,320	16.55	19.96	4.64	8.97	0.00	10.18	0.00	365
	SOUTHWEST-HUME									
7125	SOUTHWEST DS18 DRAG SCRAPER 8.8 CY	39,473	6.33	7.61	1.80	3.49	0.00	3.96	0.00	137
	SOIL STABILIZER									
	BOMAG									
7135	MOD MPH-50 12"DEEP BY 82"WIDE 152 HP D	98,279	24.59	31.87	5.01	10.70	5.51	12.68	7.21	208
7140	MOD MPH-100 14.5"DEEP X 79"WIDE 304 HP D	159,185	43.09	56.17	8.08	17.20	11.03	20.35	14.42	300
	BROS									
7150	MOD LSPRM-8A MASTER MIXER 19" DP 335 HP D	144,702	40.75	52.45	7.41	15.90	12.15	18.83	15.89	300

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
	TRACTOR, CRAWLER (DOZER)											
	CATERPILLAR											
7160	D-3B	P.S.	65 HP D	39,149	10.94	14.01	2.00	4.20	2.48	4.97	3.26	136
7165	3P	POWER ANGLE & POWER TILT		9,244	1.69	2.11	0.48	1.03	0.00	1.22	0.00	26
7170	D-4E	P.S.	80 HP D	57,086	15.20	19.42	2.92	6.13	3.05	7.24	4.02	202
7175	4A	ANGLE BLADE HYDRAULIC		10,997	2.00	2.50	0.57	1.23	0.00	1.45	0.00	28
7180	4S	STRAIGHT BLADE HYDRAULIC		8,649	1.58	1.98	0.44	0.96	0.00	1.14	0.00	25
7185	D-5B	P.S.	105 HP D	88,362	22.54	28.76	4.53	9.49	4.00	11.21	5.27	247
7190	5A	ANGLE BLADE HYDRAULIC		14,599	2.62	3.30	0.75	1.63	0.00	1.93	0.00	43
7195	5S	STRAIGHT BLADE HYDRAULIC		11,595	2.11	2.63	0.60	1.30	0.00	1.53	0.00	38
7200		WINCH (W/O CABLE)		16,068	2.88	3.63	0.83	1.79	0.00	2.13	0.00	22
7205	D-6D	P.S.	140 HP D	123,461	31.16	39.73	6.32	13.26	5.34	15.66	7.03	299
7210	6S	STRAIGHT BLADE HYDRAULIC		15,310	2.74	3.45	0.79	1.70	0.00	2.02	0.00	49
7215	6A	ANGLE BLADE HYDRAULIC		17,145	3.06	3.85	0.88	1.91	0.00	2.26	0.00	53
7220		WINCH (W/O CABLE)		17,491	3.13	3.93	0.90	1.95	0.00	2.31	0.00	25
7225	D-7G	P.S.	200 HP D	173,002	43.87	55.94	8.86	18.58	7.63	21.95	10.04	378
7230	7S	STRAIGHT BLADE HYDRAULIC		22,707	4.03	5.08	1.17	2.53	0.00	3.00	0.00	77
7235	7U	HYD. UNIVERSAL BLADE		24,854	4.41	5.55	1.28	2.77	0.00	3.28	0.00	84
7240	7A	ANGLE BLADE HYDRAULIC		19,758	3.52	4.43	1.02	2.20	0.00	2.61	0.00	68
7245		WINCH (W/O CABLE)		20,317	3.63	4.58	1.05	2.26	0.00	2.69	0.00	30
7250	D-8L	P.S.	335 HP D	267,618	65.04	83.10	13.78	29.82	12.77	35.37	16.82	735
7255	8S	STRAIGHT BLADE HYDRAULIC		33,340	5.92	7.47	1.72	3.71	0.00	4.41	0.00	120
7260	8U	HYD. UNIVERSAL BLADE		36,722	6.52	8.23	1.89	4.09	0.00	4.86	0.00	133
7265	8A	ANGLE BLADE HYDRAULIC		33,082	5.88	7.42	1.70	3.68	0.00	4.37	0.00	133
7270		PUSH PLATE USE W/8S		968	0.22	0.27	0.05	0.11	0.00	0.13	0.00	6
7275		WINCH (W/O CABLE)		26,299	4.73	5.95	1.36	2.93	0.00	3.48	0.00	47
7280	D-9L	P.S.	460 HP D	357,663	78.79	97.95	17.04	36.03	17.54	41.29	23.10	1004
7285	9S	STRAIGHT BLADE HYDRAULIC		45,595	8.12	10.22	2.35	5.08	0.00	6.02	0.00	184
7290	9U	HYD. UNIVERSAL BLADE		48,182	8.58	10.81	2.48	5.37	0.00	6.37	0.00	195

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)									
7295	9C CUSHION BLADE	40,161	7.16	9.01	2.07	4.48	0.00	5.31	0.00	160
7300	REAR CUSHION PUSH BLOCK	11,857	2.18	2.72	0.61	1.32	0.00	1.56	0.00	41
7305	FRONT PUSH PLATE	1,304	0.30	0.36	0.07	0.14	0.00	0.17	0.00	9
7310	WINCH (W/O CABLE)	28,500	5.17	6.48	1.47	3.18	0.00	3.77	0.00	51
7315	D-10 P.S. 700 HP D	600,382	128.86	159.93	28.62	60.49	26.69	69.31	35.15	1539
7320	10S STRAIGHT BLADE HYDRAULIC	69,209	12.33	15.52	3.56	7.71	0.00	9.14	0.00	280
7325	10U HYD. UNIVERSAL BLADE	75,998	13.51	17.03	3.91	8.46	0.00	10.04	0.00	286
7330	FRONT PUSH PLATE	1,495	0.34	0.41	0.08	0.17	0.00	0.20	0.00	8
7335	10C CUSHION BLADE	51,282	9.13	11.50	2.65	5.72	0.00	6.78	0.00	198
	FIAT-ALLIS									
7345	FD5 P.S. W/HYD. ANGLE TILT BLADE 63 HP D	48,236	12.60	16.09	2.47	5.18	2.40	6.12	3.16	140
7350	FD7 P.S. W/POW. ANGLE TILT BLADE 78 HP D	56,761	15.02	19.20	2.90	6.09	2.97	7.20	3.92	175
7355	8-B P.S. 88 HP D	60,505	16.28	20.79	3.10	6.50	3.36	7.67	4.42	215
7360	8-HA ANGLE BLADE HYDRAULIC	9,383	1.72	2.15	0.49	1.05	0.00	1.24	0.00	30
7365	8-HSU SEMI-U BLADE HYDRAULIC	9,370	1.69	2.12	0.49	1.05	0.00	1.24	0.00	30
7370	10-C P.S. 122 HP D	83,835	22.54	28.83	4.29	9.00	4.65	10.64	6.13	280
7375	10-HA ANGLE BLADE HYDRAULIC	10,457	1.91	2.38	0.54	1.17	0.00	1.38	0.00	36
7380	10-HSU SEMI-U BLADE HYDRAULIC	12,769	2.27	2.87	0.66	1.42	0.00	1.69	0.00	38
7385	14-C P.S. 150 HP D	109,042	28.89	36.88	5.58	11.71	5.72	13.83	7.53	335
7390	14-HA ANGLE BLADE HYDRAULIC	15,992	2.86	3.61	0.82	1.78	0.00	2.12	0.00	51
7395	14-HSU SEMI-U BLADE HYDRAULIC	15,968	2.83	3.58	0.82	1.78	0.00	2.12	0.00	51
7400	FD 20 P.S. 223 HP D	165,192	43.53	55.59	8.46	17.74	8.50	20.95	11.20	535
7405	20-HA ANGLE BLADE HYDRAULIC	17,076	3.05	3.84	0.88	1.90	0.00	2.26	0.00	66
7410	20-HS STRAIGHT BLADE HYDRAULIC	17,918	3.19	4.03	0.92	1.99	0.00	2.37	0.00	66
7415	20-HSU SEMI-U BLADE HYDRAULIC	24,276	4.27	5.40	1.25	2.70	0.00	3.21	0.00	79
7420	FD 30 P.S. 300 HP D	254,946	61.01	77.95	13.12	28.40	11.44	33.70	15.07	775

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
	TRACTOR, CRAWLER (DOZER) (CONT'D)											
	FIAT-ALLIS (CONT'D)											
7425	30HSU	HYD. SEMI-UNIVERSAL BLADE		33,882	6.02	7.58	1.75	3.78	0.00	4.47	0.00	127
7430	30-HU	FULL-U BLADE HYDRAULIC		34,323	6.07	7.66	1.77	3.82	0.00	4.54	0.00	114
7435	FD40	P.S.	455 HP D	368,184	80.23	99.67	17.55	37.09	17.35	42.50	22.85	1128
7440	40-HSU	SEMI-U BLADE HYDRAULIC		51,364	9.16	11.54	2.65	5.72	0.00	6.79	0.00	222
7445	40-HU	FULL-U BLADE HYDRAULIC		52,659	9.42	11.85	2.71	5.87	0.00	6.96	0.00	254
7450	40-HC	CUSHION BLADE		32,749	5.82	7.34	1.69	3.65	0.00	4.33	0.00	120
7455	FD 50	P.S.	525 HP D	493,817	103.57	128.39	23.53	49.74	20.02	57.01	26.37	1280
7460	50-HSU	SEMI-U BLADE HYDRAULIC		59,115	10.54	13.29	3.04	6.58	0.00	7.82	0.00	250
7465	50-HU	FULL-U BLADE HYDRAULIC		67,640	12.03	15.15	3.48	7.54	0.00	8.94	0.00	280
7470	50-HC	CUSHION BLADE		37,704	6.68	8.43	1.94	4.20	0.00	4.99	0.00	140
	INTERNATIONAL											
7480	TD-7-E	P.S. W/HYD BLADE	65 HP D	50,765	13.19	16.84	2.60	5.45	2.48	6.44	3.26	139
7485	TD-8-E	P.S. W/HYD BLADE	78 HP D	64,821	16.59	21.17	3.32	6.96	2.97	8.22	3.92	172
7490	TD-12	P.S. W/HYD BLADE	110 HP D	94,205	23.94	30.53	4.83	10.12	4.19	11.95	5.52	267
7495	TD-15-C	P.S.	140 HP D	120,129	30.51	38.91	6.15	12.90	5.34	15.24	7.03	271
7500	15D-2	HYD. SEMI-UNIVERSAL BLADE		13,061	2.32	2.92	0.67	1.45	0.00	1.72	0.00	46
7505	15G-2	ANGLE BLADE HYDRAULIC		14,721	2.61	3.30	0.76	1.64	0.00	1.95	0.00	50
7510	TD-20-E	P.S.	210 HP D	186,151	46.92	59.83	9.54	19.99	8.01	23.61	10.55	476
7515	20D-2	HYD. SEMI-UNIVERSAL BLADE		23,038	4.06	5.12	1.19	2.57	0.00	3.04	0.00	61
7520	20G-2	ANGLE BLADE HYDRAULIC		15,663	2.77	3.51	0.80	1.74	0.00	2.08	0.00	71
7525	TD-25-E	P.S.	310 HP D	240,414	58.86	75.25	12.37	26.78	11.82	31.78	15.57	700
7530	25D-2	HYD. SEMI-UNIVERSAL BLADE		28,505	5.07	6.38	1.47	3.18	0.00	3.77	0.00	113
7535	25G-2	ANGLE BLADE HYDRAULIC		23,615	4.23	5.32	1.21	2.63	0.00	3.12	0.00	115
7540		FRONT PUSHER CUSHION		9,855	1.80	2.25	0.51	1.10	0.00	1.30	0.00	29
7545		REAR PUSHER CUSHION		5,747	1.13	1.40	0.30	0.64	0.00	0.76	0.00	23
7550		FRONT PUSH BLK FOR S/BLD		927	0.24	0.28	0.05	0.10	0.00	0.12	0.00	12

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												
7560	JD350C/6305	D.D. W/HYD BLADE	42 HP	D	35,885	9.13	11.64	1.84	3.86	1.60	4.55	2.11	107
7565	JD450C/6405	D.D. W/HYD BLADE	65 HP	D	49,467	12.94	16.52	2.54	5.31	2.48	6.27	3.26	143
7570	JD550A/6405	P.S. W/HYD BLADE	72 HP	D	59,224	15.20	19.39	3.03	6.36	2.75	7.51	3.62	156
7575	JD750 LPG	H.S. W/STR BLADE	110 HP	D	113,332	27.63	35.21	5.80	12.17	4.19	14.38	5.52	336
7580	JD850 LPG	H.S. W/STR BLADE	145 HP	D	150,238	36.59	46.60	7.69	16.13	5.53	19.05	7.28	449
	KOMATSU												
7590	D31A-17	H.S.	66 HP	D	41,456	11.45	14.63	2.13	4.45	2.52	5.26	3.31	132
7595	ANGLE TILTDOZER BLADE				6,711	1.22	1.53	0.35	0.75	0.00	0.89	0.00	20
7600	D45A-1	H.S.	90 HP	D	62,213	16.71	21.35	3.19	6.68	3.43	7.89	4.52	200
7605	ANGLE TILTDOZER BLADE				7,294	1.32	1.66	0.38	0.81	0.00	0.97	0.00	24
7610	D53A-16A	H.S.	118 HP	D	90,821	23.70	30.25	4.65	9.75	4.50	11.52	5.93	246
7615	ANGLE TILTDOZER BLADE				8,058	1.44	1.82	0.41	0.89	0.00	1.06	0.00	42
7620	D65E-7	H.S.	165 HP	D	128,450	33.41	42.66	6.58	13.79	6.29	16.30	8.29	377
7625	ANGLE TILTDOZER BLADE				10,544	1.88	2.37	0.54	1.17	0.00	1.39	0.00	61
7630	D85E-18	H.S.	220 HP	D	169,605	44.23	56.47	8.69	18.21	8.39	21.51	11.05	437
7635	ANGLE TILTDOZER BLADE				16,515	2.95	3.72	0.85	1.84	0.00	2.18	0.00	99
7640	U-DOZER BLADE				17,616	3.16	3.98	0.90	1.96	0.00	2.33	0.00	104
7645	D155A-1	H.S.	320 HP	D	234,534	58.28	74.53	12.08	26.13	12.20	31.00	16.07	690
7650	ANGLE TILTDOZER BLADE				22,681	4.08	5.14	1.16	2.52	0.00	3.00	0.00	140
7655	U-DOZER BLADE				23,934	4.30	5.41	1.23	2.66	0.00	3.16	0.00	142
7660	D355A-3	H.S.	410 HP	D	313,551	77.03	98.50	16.15	34.94	15.63	41.44	20.59	945
7665	U-DOZER BLADE				30,853	5.57	7.00	1.59	3.44	0.00	4.08	0.00	196
7670	STRAIGHT DOZER BLADE				28,112	5.08	6.38	1.45	3.14	0.00	3.72	0.00	184
7675	D455A-1	H.S.	620 HP	D	554,134	117.68	145.99	26.41	55.82	23.64	63.98	31.14	1445
7680	FULL U-DOZER BLADE				73,338	13.01	16.40	3.78	8.17	0.00	9.70	0.00	229
7685	U-DOZER BLADE				68,911	12.21	15.38	3.55	7.68	0.00	9.10	0.00	211

TABLE 3-1. HOURLY EQUIPMENT OWNERSHTP 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)									
	KOMATSU (CONT'D)									
7690	STRAIGHT DOZER BLADE	64,482	11.41	14.39	3.32	7.18	0.00	8.52	0.00	193
	TEREX (GM)									
7700	D700A P.S. (W/O BLADE) 205 HP D	164,655	42.50	54.24	8.43	17.68	7.82	20.88	10.30	409
7705	SEMI-U BLADE HYDRAULIC	16,211	2.88	3.62	0.84	1.81	0.00	2.14	0.00	58
7710	ANGLE BLADE HYDRAULIC	18,169	3.21	4.05	0.93	2.02	0.00	2.40	0.00	69
7715	FULL-U BLADE HYDRAULIC	18,591	3.29	4.15	0.96	2.08	0.00	2.46	0.00	68
7720	D750 P.S. (W/O BLADE) 260 HP D	192,654	47.74	61.05	9.92	21.47	9.91	25.47	13.06	555
7725	SEMI-U BLADE HYDRAULIC	22,952	4.04	5.10	1.18	2.55	0.00	3.03	0.00	91
7730	ANGLE BLADE HYD. W/DUAL TILT	30,103	5.30	6.68	1.55	3.36	0.00	3.98	0.00	118
7735	FULL-U BLADE HYDRAULIC	25,080	4.41	5.58	1.29	2.79	0.00	3.32	0.00	107
7740	D800 P.S. (W/O BLADE) 350 HP D	258,777	64.16	82.04	13.32	28.83	13.35	34.20	17.58	787
7745	SEMI-U BLADE HYDRAULIC	29,985	5.34	6.73	1.54	3.34	0.00	3.97	0.00	118
7750	FULL-U BLADE HYDRAULIC	32,870	5.86	7.37	1.70	3.67	0.00	4.34	0.00	129
7755	CUSHIONED PUSH BLADE	28,727	5.11	6.44	1.48	3.20	0.00	3.80	0.00	113
7760	PUSH PLATE (WELD ON)	1,217	0.27	0.32	0.07	0.14	0.00	0.16	0.00	6
7765	PUSH BLOCK (CUSHION REAR)	7,660	1.44	1.81	0.39	0.85	0.00	1.02	0.00	21
	TRACTOR, WHEEL TYPE (DOZER)									
	CATERPILLAR									
7775	814-B ARTICULATED ST BLADE P.S. 210 HP D	164,434	37.71	49.79	8.29	17.51	7.42	20.71	9.76	465
7780	824-C ARTICULATED ST BLADE P.S. 310 HP D	238,104	56.80	77.29	11.84	24.67	10.96	29.13	14.41	624
7785	834-B ARTICULATED ST BLADE P.S. 450 HP D	353,459	81.34	109.29	17.49	36.31	15.90	42.85	20.92	892
	CLARK									
7795	280B ARTICULATED ST BLADE P.S. 302 HP D	270,419	62.18	84.71	13.44	28.02	10.67	33.10	14.04	749
7800	380B ARTICULATED ST BLADE P.S. 572 HP D	458,324	104.62	140.05	22.74	47.30	20.21	55.83	26.60	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									
7810	MOD 301 A 43 HP D	14,592	4.45	5.85	0.73	1.55	1.52	1.83	2.00	38
7815	MOD 401 B 62 HP D	18,578	5.95	7.80	0.94	1.98	2.19	2.34	2.88	45
	TRENCHER, CHAIN									
	DITCH WITCH									
7325	MOD C99 6"X24" TRENCH 9 HP G	3,420	1.60	2.06	0.17	0.36	0.74	0.43	0.97	6
7330	MOD 2200 8"X36" TRENCH 18 HP G	13,931	4.48	5.74	0.71	1.52	1.48	1.81	1.93	30
7335	MOD 2300 10"X36" TRENCH 28 HP G	19,352	6.54	8.40	0.99	2.12	2.31	2.51	3.01	33
7840	MOD 6510 12"X54" TRENCH 64 HP D	35,446	9.43	12.19	1.80	3.84	2.26	4.55	2.98	106
7845	MOD R100 10"X72" TRENCH 105 HP D	72,447	18.19	23.33	3.69	7.90	3.71	9.36	4.88	176
	VERMEER									
7860	MOD V-430 10"X40" TRENCH 24 HP D	23,714	5.47	6.99	1.21	2.60	0.85	3.08	1.12	37
7865	MOD M-455 18"X72" TRENCH 44 HP D	46,616	10.63	13.60	2.37	5.08	1.55	6.02	2.05	82
7870	MOD M-475 18"X72" TRENCH 55 HP D	51,519	12.02	15.40	2.63	5.63	1.94	6.67	2.56	89
7875	MOD T-600024"X96" TRENCH 113 HP D	81,657	20.10	25.69	4.20	9.06	3.99	10.74	5.25	202
7880	MOD T-800B36"X96" TRENCH 175 HP D	160,434	37.35	47.70	8.25	17.80	6.18	21.11	8.14	419
	TRENCHER, WHEEL TYPE									
	BARBER-GREENE									
7890	MOD TA 56 16"X5'-10" TRENCH 100 HP D	132,626	28.85	36.77	6.82	14.71	3.53	17.45	4.65	254
7895	MOD TA 65 28"X7'-6" TRENCH 160 HP D	193,321	42.71	54.43	9.95	21.45	5.65	25.43	7.44	431
7900	MOD TA 77 32"X8'-6" TRENCH 160 HP D	248,205	52.78	67.18	12.77	27.54	5.65	32.65	7.44	605
	CLEVELAND									
7910	MOD 236 17"X72" TRENCH 67 HP D	106,493	22.58	28.73	5.48	11.82	2.37	14.01	3.12	180
7915	MOD 236HD 21"X72" TRENCH 67 HP D	115,949	24.31	30.94	5.97	12.87	2.37	15.26	3.12	200
7920	MOD 246 25"X72" TRENCH 67 HP D	119,454	24.96	31.74	6.15	13.26	2.37	15.71	3.12	206

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 (CONT'D)									
7925	MOD 350 30"X90" TRENCH 150 HP D	226,318	48.31	61.50	11.65	25.11	5.30	29.77	6.97	455
7930	MOD 400WHD36"X114"TRENCH 175 HP D	281,890	59.63	75.91	14.50	31.27	6.18	37.08	8.14	659
	TRUCKS, HIGHWAY (CHASSIS ONLY)									
	FORD									
7945	F150 4X2 1/2T PKUP 6100 GVW 137 HP G	8,461	5.52	7.14	0.54	1.28	2.57	1.49	3.42	38
7950	F150 4X4 1/2T PKUP 6250 GVW 137 HP G	10,499	6.06	7.83	0.67	1.60	2.57	1.85	3.42	42
7955	F250 4X2 3/4T PKUP 6900 GVW 137 HP G	9,315	5.76	7.44	0.59	1.40	2.57	1.62	3.42	40
7960	F250 4X4 3/4T PKUP 7400 GVW 137 HP G	10,963	6.21	8.03	0.70	1.66	2.57	1.93	3.42	44
7965	F350 2AX 10000 GVW 137 HP G	9,964	6.00	7.74	0.63	1.48	2.57	1.71	3.42	42
7970	F600 2AX 18500 GVW 154 HP G	17,406	12.33	16.03	0.94	2.03	6.74	2.53	8.66	65
7975	F600 2AX 18500 GVW 162 HP D	24,041	10.05	13.25	1.33	2.87	4.15	3.57	5.39	65
7980	F700 2AX 24500 GVW 177 HP G	20,123	14.14	18.43	1.10	2.37	7.74	2.97	9.96	65
7985	F700 2AX 24500 GVW 162 HP D	27,160	10.63	14.04	1.50	3.25	4.15	4.06	5.39	73
7990	F800 2AX 27000 GVW 177 HP G	22,180	14.58	19.00	1.21	2.61	7.74	3.26	9.96	72
7995	F800 2AX 27000 GVW 162 HP D	28,470	11.17	14.76	1.53	3.28	4.15	4.10	5.39	76
8000	LT800 3AX 43000 GVW 223 HP G	34,597	26.46	34.50	1.91	4.25	14.49	5.34	18.68	110
8005	LT8000 3AX 44800 GVW 175 HP D	47,417	18.54	24.56	2.62	5.86	6.72	7.36	8.74	126
8010	LTS8000 3AX 46000 GVW 175 HP D	49,626	18.98	25.16	2.74	6.13	6.72	7.71	8.74	130
8015	LNT8000 3AX 46000 GVW 175 HP D	46,923	18.47	24.45	2.60	5.79	6.72	7.27	8.74	124
8020	CT8000 3AX 46000 GVW 175 HP D	54,687	19.97	26.48	3.04	6.80	6.72	8.54	8.74	136
8025	LT9000 3AX 58000 GVW 82000 GCW 239 HP D	72,001	26.75	35.46	3.99	8.94	9.18	11.23	11.93	172
8030	LTS9000 3AX 60000 GVW 82000 GCW 239 HP D	76,485	27.69	36.70	4.24	9.49	9.18	11.92	11.93	180
8035	LNT9000 3AX 60000 GVW 82000 GCW 239 HP D	72,560	26.92	35.67	4.01	8.97	9.18	11.27	11.93	175
8040	CLT9000 3AX 82000 GCW 286 HP D	71,220	28.81	38.13	3.97	8.90	10.98	11.18	14.28	149

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	TRUCKS, HIGHWAY (CONT'D) ********** (CHASSIS ONLY)									
	GMC AND CHEVROLET									
8050	C10903 4X2 1/2T PKUP 6100 GVW 165 HP G	8,476	6.20	8.05	0.54	1.28	3.09	1.48	4.12	46
8055	C10906 4X2 SUBURBAN 6800 GVW 165 HP G	10,926	6.81	8.83	0.70	1.66	3.09	1.93	4.12	52
8060	K10906 4X4 SUBURBAN 7000 GVW 165 HP G	12,021	7.12	9.21	0.78	1.84	3.09	2.13	4.12	56
8065	C20903 4X2 3/4T PKUP 8600 GVW 165 HP G	10,092	6.60	8.57	0.65	1.53	3.09	1.78	4.12	49
8070	K20903 4X4 3/4T PKUP 6600 GVW 165 HP G	11,737	7.06	9.13	0.76	1.79	3.09	2.08	4.12	54
8075	C30903 2AX 9000 GVW 160 HP G	11,355	6.90	8.93	0.72	1.69	3.00	1.97	4.00	62
8080	C5D042 2AX 18500 GVW 161 HP G	16,051	12.47	16.22	0.87	1.87	7.04	2.33	9.06	59
8085	C6D042 2AX 19200 GVW 161 HP G	17,421	12.72	16.56	0.94	2.03	7.04	2.54	9.06	63
8090	C6D042 2AX 23160 GVW 165 HP D	24,646	10.25	13.55	1.36	2.94	4.22	3.68	5.49	73
8095	C7D042 2AX 23160 GVW 179 HP G	18,519	14.01	18.20	1.00	2.15	7.83	2.68	10.07	78
8100	C7D042 2AX 29900 GVW 225 HP D	36,749	14.60	19.30	2.02	4.39	5.76	5.49	7.49	96
8105	C7D064 3AX 44860 GVW 207 HP G	33,184	24.97	32.55	1.81	4.00	13.45	5.01	17.34	123
8110	C7D064 3AX 44500 GVW 205 HP D	39,802	18.56	24.50	2.18	4.86	7.87	6.10	10.23	127
8115	J8C042 2AX 33200 GVW 235 HP D	45,518	20.96	27.67	2.53	5.67	9.02	7.13	11.73	107
8120	J8C064 3AX 48860 GVW 210 HP D	51,233	21.02	27.81	2.84	6.36	8.06	7.98	10.48	140
8125	J9C042 2AX 53911 GVW 230 HP D	50,453	17.49	23.15	2.78	6.03	5.89	7.53	7.65	122
8130	J9C064 3AX 48860 GVW 300 HP D	59,584	27.07	35.75	3.32	7.45	11.52	9.36	14.98	144
8135	N9E064 3AX 52000 GVW 307 HP D	61,656	28.02	36.96	3.41	7.60	11.79	9.54	15.33	141
8140	N9E064 3AX 62000 GVW 307 HP D	72,004	30.[illegible]3	39.81	3.98	8.90	11.79	11.18	15.33	180
	INTERNATIONAL									
8150	1654 2AX 16000 GVW 155 HP D	18,374	8.68	11.43	1.02	2.20	3.97	2.75	5.16	57
8155	1724 2AX 16000 GVW 147 HP G	16,441	11.67	15.18	0.90	1.95	6.43	2.44	8.27	65
8160	1754 2AX 16000 GVW 165 HP D	23,607	9.98	13.17	1.31	2.85	4.22	3.56	5.49	71
8165	1954 2AX 21700 GVW 180 HP D	29,817	11.71	15.49	1.65	3.59	4.61	4.49	5.99	100
8170	F2554 3AX 43000 GVW 210 HP D	47,571	20.31	26.85	2.63	5.88	8.06	7.38	10.48	123
8175	F2574 3AX 50000 GVW 230 HP D	62,813	24.24	32.12	3.50	7.87	8.83	9.89	11.48	123

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

UNIT NO.	EQUIPMENT	VALUE	TOTAL HOURLY RATES CONDITION AVERAGE	TOTAL HOURLY RATES CONDITION SEVERE	TOTAL HOURLY RATES STAND-BY	ADJUSTABLE ELEMENTS AVERAGE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS AVERAGE COND. FUEL	ADJUSTABLE ELEMENTS SEVERE COND. OWNER-SHIP	ADJUSTABLE ELEMENTS SEVERE COND. FUEL	CWT
	TRUCKS, HIGHWAY (CONT'D)									
	(CHASSIS ONLY)									
	INTERNATIONAL (CONT'D)									
8180	F4370 3AX 48860 GVW 300 HP D	65,940	28.28	37.42	3.67	8.27	11.52	10.41	14.98	133
8185	F5050 3AX 54000 GVW 210 HP D	64,227	23.54	31.21	3.58	8.06	8.06	10.12	10.48	138
8190	F5070 3AX 54000 GVW 230 HP D	67,116	25.07	33.24	3.74	8.43	8.83	10.60	11.48	140
	KENWORTH									
8200	K100 3AX 48000 GVW 85000 GCW 300 HP D	70,581	29.29	38.75	3.94	8.85	11.52	11.13	14.98	138
8205	W900 3AX 48000 GVW 85000 GCW 300 HP D	71,124	29.39	38.89	3.96	8.92	11.52	11.21	14.98	140
8210	C500 3AX 56000 GVW 85000 GCW 270 HP D	76,456	28.94	38.36	4.27	9.62	10.37	12.09	13.48	144
	PETERBILT									
8220	MOD 348 3AX 50000 GVW 85000 GCW 245 HP D	78,373	28.34	37.63	4.36	9.79	9.41	12.30	12.23	121
8225	MOD 362 3AX 46000 GVW 85000 GCW 300 HP D	68,846	28.95	38.29	3.84	8.62	11.52	10.84	14.98	131
8230	MOD 359 3AX 46000 GVW 85000 GCW 300 HP D	66,407	28.47	37.65	3.70	8.30	11.52	10.43	14.98	134
8235	MOD 353 3AX 56000 GVW 130000 GCW 350 HP D	74,143	32.42	42.87	4.14	9.31	13.44	11.71	17.47	174
	TRUCK ACCESSORIES									
	(CHASIS NOT INCLUDED)									
	CRANES, HYDRAULIC									
8245	5.3T@5'RAD 24000 GVW MIN	26,732	5.51		1.53	3.52	0.00			79
8250	8.0T@3'RAD 26500 GVW MIN	32,104	6.59		1.84	4.22	0.00			84
8255	12.5T@4'RAD 27000 GVW MIN	49,746	10.16		2.84	6.54	0.00			142
8260	13.5T@4'RAD 44000 GVW MIN	61,481	12.53		3.51	8.08	0.00			158
8265	15.0T@4'RAD 48000 GVW MIN	68,101	13.87		3.90	8.96	0.00			211
	DUMP BODY. REAR, W/HOIST									
8275	5CY 24000 TO 26000 GVW	6,425	1.39	1.85	0.37	0.85	0.00	1.07	0.00	26
8280	AIR GATE 8CY 27000 TO 30000 GVW	10,162	2.15	2.86	0.58	1.34	0.00	1.68	0.00	44
8285	AIR GATE 10CY 36000 AND UP GVW	10,277	2.17	2.91	0.59	1.35	0.00	1.71	0.00	45

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 (CONT'D)									
8290	AIR GATE 12CY 36000 AND UP GVW	10,426	2.20	2.94	0.60	1.37	0.00	1.73	0.00	46
	FLATBEDS W/CONT. SIDES									
8300	8'X9.5'	2,076	0.43		0.12	0.28	0.00			11
8305	8'X10.5'	2,143	0.43		0.12	0.28	0.00			12
8310	8'X12.5'	2,345	0.48		0.14	0.31	0.00			14
8315	8'X14.5'	2,785	0.57		0.16	0.37	0.00			16
8320	8'X16.5'	3,052	0.62		0.18	0.40	0.00			18
8325	FLATBED-HOIST	2,878	0.58		0.16	0.38	0.00			10
	HOISTS, ELECTRIC									
8335	1500LB@1.75'	2,441	0.58		0.14	0.32	0.00			4
8340	2400LB@3'	2,842	0.66		0.16	0.37	0.00			6
8345	5000LB@4'	7,849	1.67		0.45	1.03	0.00			15
8350	6000LB@6'	8,848	1.89		0.51	1.17	0.00			14
	TRANSIT MIXERS									
8360	7 CY 40000 - 50000 GVW RQD	27,696	5.73		1.59	3.64	0.00			63
8365	8 CY 50000 - 70000 GVW RQD	28,130	5.82		1.61	3.70	0.00			66
8370	8.5CY 55000 - 75000 GVW RQD	28,423	5.88		1.63	3.74	0.00			68
8375	9 CY 61000 - 80000 GVW RQD	28,842	5.96		1.65	3.79	0.00			73
	WATER TANKS									
8385	2000 GAL 23500-28000 GVW	12,355	2.49		0.71	1.62	0.00			35
8390	2500 GAL 25000-34950 GVW	13,022	2.63		0.74	1.71	0.00			39
8395	3000 GAL 29000-40000 GVW	13,846	2.80		0.79	1.82	0.00			44

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 TRAILERS									
	BOTTOM DUMP									
8405	18CY 27T	27,232	4.85	6.10	1.35	2.91	0.00	3.46	0.00	122
8410	20CY 30T	32,293	5.69	7.14	1.62	3.50	0.00	4.14	0.00	140
8415	30CY 30T	32,647	5.75	7.22	1.64	3.54	0.00	4.20	0.00	160
8420	28CY 42T	38,883	6.90	8.65	1.93	4.16	0.00	4.93	0.00	180
8425	20CY 35T OFF-HIGHWAY	45,811	7.96	10.02	2.30	5.00	0.00	5.94	0.00	175
8430	32CY 55T OFF-HIGHWAY	96,801	17.28	21.66	4.77	10.20	0.00	12.08	0.00	365
8435	43CY 70T OFF-HIGHWAY	107,952	19.33	24.24	5.30	11.31	0.00	13.40	0.00	445
	END DUMP									
8445	20CY 24T	36,097	6.30	7.93	1.81	3.93	0.00	4.66	0.00	146
	LOWBOY, RIGID NECK, DROP DECK									
8455	25 TON 2 AXLE	21,403	3.46		1.04	2.00	0.00			89
8460	30 TON 2 AXLE	23,720	3.81		1.16	2.22	0.00			94
8465	35 TON 2 AXLE	25,890	4.12		1.26	2.43	0.00			109
8470	35 TON 3 AXLE	29,824	4.84		1.44	2.76	0.00			134
8475	40 TON 3 AXLE	31,137	5.07		1.51	2.87	0.00			144
8480	50 TON 3 AXLE	35,830	5.76		1.75	3.35	0.00			161
8485	60 TON 3 AXLE	38,736	6.35		1.86	3.52	0.00			188
8490	70 TON 3 AXLE	47,022	7.54		2.28	4.37	0.00			213
8495	75 TON 3 AXLE	48,492	7.75		2.35	4.52	0.00			228
8500	80 TON 4 AXLE	55,454	8.77		2.72	5.25	0.00			266
8505	90 TON 4 AXLE	59,786	9.54		2.91	5.59	0.00			297
8510	100 TON 4 AXLE	66,758	10.63		3.25	6.25	0.00			313
8515	120 TON 4 AXLE	77,530	12.57		3.73	7.10	0.00			351
8520	HELPER DOLLY 60 T TRAILER MAX	18,350	3.04		0.88	1.66	0.00			62

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 TRAILERS (CONT'D) **********									
	PLATFORM TRAILERS									
8530	25 TON 2 AXLE	17,432	2.91		0.84	1.57	0.00			110
	PUP TRAILERS									
8540	8 CY LONG TONGUE	21,433	3.51		1.04	1.98	0.00			86
8545	10CY LONG TONGUE	21,598	3.53		1.05	2.00	0.00			86
	TILT TRAILERS									
8555	12 TON 2 AXLE	11,436	1.97		0.55	1.03	0.00			62
8560	16 TON 2 AXLE	13,094	2.25		0.62	1.16	0.00			65
8565	20 TON 2 AXLE	14,235	2.44		0.68	1.26	0.00			67
	WATER TANKER TRAILERS									
8575	4000 GAL 63 HP D	32,640	7.22		1.54	3.08	2.23			120
8580	5000 GAL 63 HP D	34,518	7.58		1.60	3.17	2.23			150
8585	6000 GAL 63 HP D	36,057	7.78		1.67	3.32	2.23			160
	TRUCKS, OFF-HIGHWAY **********									
	CATERPILLAR									
8595	769-C 35T 22-30 CY P.S. 450 HP D	293,129	59.46	76.31	13.67	28.26	10.04	32.33	12.97	711
8600	773-B 50T 30-45 CY P.S. 650 HP D	412,202	85.67	110.72	19.13	39.38	14.51	45.01	18.74	908
8605	777 85T 47-67 CY P.S. 870 HP D	574,885	116.30	150.09	26.44	53.95	19.42	61.59	25.08	1391
8610	768C PRIME MOVER TRACTOR P.S. 450 HP D	257,719	54.49	70.23	11.98	24.71	10.04	28.24	12.97	523
8615	772B PRIME MOVER TRACTOR P.S. 650 HP D	386,855	84.27	110.28	17.79	36.30	14.51	41.44	18.74	716
8620	776 PRIME MOVER TRACTOR P.S. 870 HP D	508,475	108.67	141.99	23.10	46.57	19.42	53.11	25.08	1100
	DJB (ARTICULATED FRAME)									
8630	D330B 33T 17-23 CY P.S. 255 HP D	236,530	43.76	55.47	11.03	22.80	5.69	26.07	7.35	444
8635	D350C 35T 20-26 CY P.S. 260 HP D	257,652	48.84	62.79	11.87	24.27	5.80	27.71	7.50	472

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 (CONT'D) (ARTICULATED FRAME)									
8640	D550 55T 32-43 CY P.S. 450 HP D	420,047	79.95	102.55	19.40	39.72	10.04	45.37	12.97	834
	EUCLID									
8650	R25-215FD 25T 14-19 CY P.S. 214 HP D	196,082	36.04	45.81	9.14	18.87	4.78	21.57	6.17	404
8655	R35-302TD 35T 22-30 CY P.S. 450 HP D	312,446	62.19	79.62	14.59	30.21	10.04	34.55	12.97	623
8660	R50-301LD 50T 31-41 CY P.S. 608 HP D	411,843	84.36	109.04	19.11	39.34	13.57	44.97	17.53	836
8665	R75-301ND 75T 46-69 CY P.S. 646 HP D	550,357	105.16	135.37	25.37	51.87	14.42	59.24	18.62	1123
8670	R85-306ND 85T 52-67 CY P.S. 755 HP D	566,850	111.73	144.28	26.06	53.14	16.85	60.67	21.77	1227
	TEREX									
8685	33-03B 22T 15-18 CY P.S. 215 HP D	174,335	33.59	42.96	8.15	16.87	4.80	19.29	6.20	400
8690	33-05B 30T 19-23 CY P.S. 321 HP D	254,225	49.50	63.47	11.86	24.53	7.16	28.04	9.25	525
8695	33-07 40T 25-32 CY P.S. 493 HP D	314,662	66.85	87.21	14.51	29.67	11.00	33.89	14.21	756
8700	33-09 55T 34-44 CY P.S. 624 HP D	424,328	88.77	115.70	19.58	40.07	13.93	45.76	17.99	992
8705	33-11D 85T 51-65 CY P.S. 840 HP D	625,407	122.50	157.59	28.84	59.02	18.75	67.41	24.22	1350
8710	33-14 120T 65-88 CY P.S.1092 HP D	914,638	174.97	225.00	42.19	86.35	24.37	98.64	31.48	1950
	WABCO									
8720	HAULPAK35D 35T 23-29 CY P.S. 420 HP D	310,211	60.99	78.09	14.49	29.99	9.37	34.29	12.11	630
8725	HAULPAK50B 50T 31-40 CY P.S. 576 HP D	442,254	87.68	113.02	20.56	42.39	12.86	48.47	16.61	792
8730	HAULPAK60B 60T 34-48 CY P.S. 642 HP D	475,189	96.45	125.11	22.00	45.17	14.33	51.61	18.51	900
8735	75C 75T 44-57 CY P.S. 679 HP D	538,677	103.93	133.55	24.87	50.94	15.16	58.19	19.58	950
8740	85D 85T 47-67 CY P.S. 818 HP D	602,732	118.66	152.87	27.76	56.74	18.26	64.81	23.58	1240
8745	100 100T 47-77 CY P.S.1050 HP D	733,127	148.18	192.26	33.54	68.11	23.44	77.73	30.27	1606

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									
8755	KT-50 5000 GAL. CAT 613B P.S. 150 HP D	138,590	27.18	33.45	6.46	12.89	5.30	14.68	6.97	320
8760	KT-60 6000 GAL. CAT 621B P.S. 330 HP D	245,331	52.02	64.48	11.32	22.40	11.66	25.48	15.34	564
8765	KT-80 8000 GAL. CAT 631D P.S. 450 HP D	342,222	72.37	89.70	15.76	31.11	15.90	35.38	20.92	751
8770	KT-100 10000 GAL. CAT 631D P.S. 450 HP D	350,863	73.56	91.11	16.17	31.95	15.90	36.34	20.92	811
8775	KT-100 10000 GAL. CAT 651E P.S. 550 HP D	423,147	89.15	110.46	19.48	38.48	19.44	43.76	25.57	1001
8780	KT-120 12000 GAL. CAT 651E P.S. 550 HP D	429,562	90.03	111.51	19.79	39.10	19.44	44.48	25.57	1097
	TRACTOR DRAWN - SOUTHWEST									
8790	STT-60 6000 GAL. CAT 621B P.S. 330 HP D	245,793	52.08	64.55	11.34	22.44	11.66	25.53	15.34	594
8795	STT-80 8000 GAL. CAT 631D P.S. 450 HP D	338,699	71.89	89.12	15.59	30.77	15.90	34.98	20.92	811
8800	STT-100 10000 GAL. CAT 631D P.S. 450 HP D	343,272	72.51	89.88	15.81	31.21	15.90	35.50	20.92	840
8805	STT-120 12000 GAL. CAT 651E P.S. 550 HP D	439,350	91.38	113.10	20.26	40.06	19.44	45.56	25.57	1135
8810	STT-140 14000 GAL. CAT 651E P.S. 550 HP D	445,886	92.28	114.17	20.57	40.69	19.44	46.29	25.57	1170
	WAGONS, BOTTOM DUMP **********									
	CATERPILLAR-ATHEY									
8820	621B/PW621B 33T 22-25CY P.S. 330 HP D	266,903	57.73	74.90	12.34	25.31	11.66	28.91	15.34	579
8825	768C/PW768C 63T 42-48CY P.S. 450 HP D	395,457	84.01	108.76	18.18	37.08	15.90	42.34	20.92	935
8830	772B/PW772B 100T 60-67CY P.S. 650 HP D	630,116	132.70	172.98	28.87	58.68	22.97	66.98	30.22	1360
	EUCLID									
8840	B30-303TDT301W 30T 21-27CY P.S. 277 HP D	252,243	53.04	68.78	11.64	23.83	9.79	27.22	12.88	483
8845	B70-203LDT147W 70T 47-62CY P.S. 456 HP D	427,333	86.35	110.90	19.72	40.37	16.12	46.11	21.20	934

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
	WAGONS, REAR DUMP									
	CATERPILLAR-ATHEY									
8855	621B/PR621B 33T 22-26CY P.S. 330 HP D	277,273	59.19	76.67	12.84	26.35	11.66	30.10	15.34	630
8860	631D/PR631D 40T 27-32CY P.S. 450 HP D	398,214	83.45	107.89	18.47	38.00	15.90	43.43	20.92	833
	WATER BLASTER									
	AMERICAN AERO									
8870	WBD 90 10000 PSI @ 10 GPM W/2 NOZ 91 HP D TRAILER MOUNTED	34,553	16.90		2.29	5.69	4.74			42
8875	WBDI50 10000 PSI @ 20 GPM W/2 NOZ 160 HP D TRAILER MOUNTED	52,333	27.07		3.48	8.64	8.33			70
	WATER TANKS									
	SKID MOUNTED									
8885	WST-8 8000 GAL. SOUTHWEST	16,178	2.12		0.77	1.57	0.00			107
8890	WST-10 10000 GAL. SOUTHWEST	18,841	2.47		0.90	1.83	0.00			122
8895	WST-12 12000 GAL. SOUTHWEST	21,922	2.88		1.04	2.13	0.00			142
	PORTABLE (WITH WHEELS)									
8905	EWT-8 8000 GAL. SOUTHWEST 8 HP G	29,201	4.76		1.37	2.75	0.66			130
8910	EWT-10 10000 GAL. SOUTHWEST 8 HP G	33,084	5.27		1.56	3.13	0.66			170
8915	EWT-12 12000 GAL. SOUTHWEST 8 HP G	36,686	5.73		1.72	3.47	0.66			185
	WELDERS									
	ELECTRIC DRIVE - AC 3 PHASE 60 HZ									
8925	300 AMP SKID MTD 20 HP E	2,479	2.13		0.14	0.31	1.32			7
8930	400 AMP SKID MTD 25 HP E	2,964	2.63		0.17	0.37	1.65			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									
8940	200 AMP W/1 AXLE TRLR 39 HP G	4,962	5.84		0.27	0.58	3.95			11
8945	250 AMP W/1 AXLE TRLR 39 HP G	5,237	5.89		0.29	0.61	3.95			17
8950	300 AMP W/1 AXLE TRLR 65 HP G	5,688	9.24		0.32	0.67	6.58			17
8955	400 AMP W/1 AXLE TRLR 69 HP G	7,239	10.05		0.40	0.86	6.99			21
	DIESEL ENGINE DRIVE									
8965	250 AMP W/1 AXLE TRLR 27 HP D	6,776	2.75		0.37	0.80	1.18			21
8970	300 AMP W/1 AXLE TRLR 38 HP D	7,241	3.44		0.40	0.86	1.66			21
8975	350 AMP W/2 AXLE TRLR 38 HP D	8,148	3.63		0.45	0.95	1.66			25
8980	400 AMP W/2 AXLE TRLR 64 HP D	8,822	5.15		0.48	1.03	2.80			30
	MIG									
8990	300AMP W/WIRE FEED AND SHOP GEAR 10 HP E	2,519	1.27		0.14	0.31	0.66			5
8995	450AMP W/WIRE FEED AND SHOP GEAR 20 HP E	2,591	2.15		0.15	0.33	1.32			5
	RECTIFIER									
9005	200 AMP W/SHOP RUNNING GEAR 19 HP E	1,144	1.83		0.07	0.15	1.25			4
9010	300 AMP W/SHOP RUNNING GEAR 24 HP E	1,468	2.31		0.09	0.19	1.58			6
9015	750 AMP W/SHOP RUNNING GEAR 30 HP E	3,999	3.23		0.22	0.50	1.98			7
9020	1000AMP W/SHOP RUNNING GEAR 42 HP E	6,998	4.76		0.39	0.88	2.77			10
	TRANSFORMER-RECTIFIER									
9030	250 AMP W/SHOP RUNNING GEAR 19 HP E	530	1.72		0.03	0.07	1.25			4
9035	300 AMP W/SHOP RUNNING GEAR 24 HP E	1,753	2.35		0.10	0.22	1.58			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 (.82)	= (+) $24.60/Hr.
Adjusted Total Hourly Rate	= $49.60/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 (.57)	= (+) $17.10/Hr.
Adjusted Total Hourly Rate	= $42.10/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 1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
15	AGGREGATE SPREADERS	1.07	1.03	1.00	0.99	1.00	0.93	0.86						
30	AIR COMPRESSORS	1.08	1.04	1.00	1.01	0.99	0.91	0.96						
45	AIR TOOLS, SANDBLASTERS, ETC	1.07	1.04	1.00										
60	ASPHALT DISTRIBUTORS	1.07	1.03	1.00	0.99	1.00	0.93	0.86						
65	ASPHALT AND CONCRETE PAVERS	1.07	1.03	1.00	0.99	1.00	0.93	0.86						
70	ASPHALT KETTLES AND RECYCLERS	1.04	1.02	1.00	0.98	0.96								
	BACKHOE (SEE KEY NO. 570-601)													
75	BROOMS	1.04	1.02	1.00	0.98	0.96	0.88	0.77						
80	BRUSH CHIPPERS	1.04	1.02	1.00	0.98	0.96	0.88	0.78						
90	BUCKETS, CLAMSHELL & DRAGLINE	1.05	1.03	1.00	0.99	1.00	0.95	0.84						
95	BUCKETS, CONCRETE	1.05	1.03	1.00	0.99	1.00	0.95	0.84						
105	CONCRETE OR GROUT PUMP	1.04	1.02	1.00	0.98	0.96								
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	1.04	1.02	1.00	0.98	0.96								
125	CONCRETE FINISHERS & BUGGIES	1.04	1.02	1.00	0.98									
130	CONCRETE SAWS	1.04	1.02	1.00	0.98	0.96								
135	CONCRETE VIBRATORS	1.07	1.04	1.00										
140	COMPACTORS, MANUALLY OPERATED	1.07	1.04	1.00	1.01									
	CRANE, CRAWLER TYPE													
150	0 THRU 25 TON	1.04	1.02	1.00	0.98	0.96	0.89	0.81	0.72					
165	OVER 25 TON THRU 50 TON	1.04	1.02	1.00	0.98	0.96	0.89	0.81	0.72	0.65	0.60			
170	OVER 50 TON THRU 150 TON	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.66	0.61	0.56		
180	OVER 150 TON	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.66	0.61	0.57	0.51	0.41
	DRAGLINE & CLAMSHELL,CRAWLER													
185	0 THRU 1 CY	1.04	1.02	1.00	0.98	0.96	0.89	0.81	0.72					
190	OVER 1 CY THRU 2-1/2 CY	1.04	1.02	1.00	0.98	0.96	0.89	0.81	0.72	0.65	0.60			
195	OVER 2-1/2 CY THRU 5 CY	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.66	0.61	0.56		
196	OVER 5 CY	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.66	0.61	0.57	0.51	0.41
200	CRANES, HYDRAULIC, SELF-PROPELLED	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.66	0.61			
205	CRANES, TOWER	1.04	1.02	1.00	0.98	0.96	0.89	0.81	0.72	0.64	0.59	0.54		
	CRANES & HYD. EXC. , TRK MTD													
210	UNDER 26 T. (THRU 1 CY)	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.66	0.61			
225	26 THRU 65 T (1 TH 2-1/2 CY)	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.67	0.61	0.57		
230	66 THRU 125 T	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.74	0.67	0.62	0.58	0.52	0.42
240	OVER 125 T	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.67	0.61	0.57	0.52	0.41
255	DRILL, AUGER	1.02	1.01	1.00	1.01	1.00	0.92	0.78						
270	DRILL, BLAST HOLE	1.02	1.01	1.00	1.01	1.00	0.92	0.78						
300	DRILL, CORE	1.02	1.01	1.00	1.01	1.00	0.92	0.78						
315	DRILL, ROTARY TO 11" DIA. HOLE	1.02	1.01	1.00	1.01	1.00	0.92	0.79	0.68	0.62	0.56			
330	DRILL, ROTARY OVER 11" DIA.	1.02	1.01	1.00	1.01	1.00	0.92	0.79	0.69	0.63	0.57	0.55	0.52	0.45
345	DRILL, ROTARY OVER 11" DIA., ELECTRIC	1.02	1.01	1.00	1.01	1.00	0.92	0.79	0.69	0.63	0.57	0.55	0.52	0.45
375	FORK LIFTS	1.04	1.02	1.00	0.98	0.96	0.88	0.78						
390	GRADERS	1.05	1.03	1.00	1.00	0.97	0.88	0.79	0.69					
420	GENERATORS	1.06	1.04	1.00	0.97	0.95								
435	HOIST	1.04	1.02	1.00	0.98	0.96	0.88	0.78						
	HYD. EXCAVATOR (SEE KEY NO. 570-601)													
440	LIGHT PLANTS	1.04	1.02	1.00	0.98	0.96								
450	LOADER, BELT	1.04	1.02	1.00	0.98	0.96	0.88	0.77						
460	LOADER,FRONT END &LOADER F/E WITH BACKHOE,CRAWLER TYPE	1.00	0.99	1.00	1.00	0.96	0.87	0.78						
	LOADER, WHEEL TYPE													
465	0 THRU 225 HP	1.02	1.01	1.00	0.98	0.95	0.85	0.69						
470	OVER 225 HP	1.02	1.01	1.00	0.98	0.96	0.86	0.72	0.63					
475	LOADER, FRONT END WITH BACKHOE,WHEEL TYPE	1.02	1.01	1.00	0.98	0.95	0.85	0.70						

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW												
		1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	1.05	1.02	1.00	0.98									
485	PIPELAYERS	1.00	0.99	1.00	1.00	0.96	0.86	0.78	0.68					
	PUMP, GROUT (SEE KEY NO. 105)													
495	PUMP, WATER, ENGINE DRIVE	1.04	1.02	1.00	0.98	0.96	0.88	0.77						
500	PUMP, WATER, ELECTRIC DRIVE	1.04	1.02	1.00	0.98	0.96	0.88	0.77						
510	RIPPERS	1.00	0.99	1.00	1.00	0.96								
525	ROLLERS, EXCEPT VIB. ROLLERS	1.08	1.05	1.00	0.95	0.85	0.79	0.70						
530	ROLLERS, VIBRATORY	1.09	1.05	1.00	0.95	0.85								
540	SCRAPERS, STANDARD	1.05	1.03	1.00	1.00	0.97	0.89	0.80						
542	SCRAPERS, TANDEM POWERED	1.05	1.03	1.00	1.00	0.97	0.89	0.80						
	SCRAPERS, ELEVATING													
545	0 THRU 200 HP	1.05	1.03	1.00	1.00	0.97	0.88	0.79						
550	OVER 200 HP	1.05	1.03	1.00	1.00	0.97	0.89	0.80						
555	SCRAPERS, TRACTOR DRAWN	1.05	1.03	1.00	1.00	0.97	0.88	0.79	0.70					
560	SOIL STABILIZERS	1.05	1.03	1.00	1.00	0.97	0.88	0.79						
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED													
570	0 THRU 1 CY	1.05	1.02	1.00	0.98	0.95								
585	OVER 1 CY THRU 2-1/2 CY	1.04	1.02	1.00	0.98	0.96	0.89	0.81						
595	OVER 2-1/2 CY THRU 5 CY	1.04	1.02	1.00	0.98	0.96	0.89	0.81	0.72					
600	OVER 5 CY	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.66				
601	OVER 2-1/2 CY ELECTRIC	1.04	1.02	1.00	0.98	0.96	0.89	0.82	0.73	0.66	0.61	0.56		
	TRACTOR, CRAWLER TYPE													
615	0 THRU 225 HP	1.01	0.99	1.00	1.00	0.96	0.86	0.77						
620	226 HP THRU 425 HP (PER UNIT FOR TANDEM TRACTORS)	1.00	0.99	1.00	1.00	0.96	0.87	0.78						
625	OVER 425 HP	1.00	0.99	1.00	1.00	0.96	0.87	0.79	0.70					
630	TRACTOR, BLADES, PUSH BLOCKS, PUSH PLATES & CLEARING BLADES	1.00	0.99	1.00	1.00	0.96	0.87	0.78						
645	TRACTOR, WHEEL TYPE	1.08	1.05	1.00	0.97	0.96	0.87	0.77						
650	TRENCHER	1.04	1.02	1.00	0.98	0.91	0.79	0.67						
655	TRAILERS, BOTTOM DUMP AND END DUMP	1.04	1.02	1.00	0.98	0.96	0.89	0.79						
660	TRAILERS, FLATBED, LO-BOY AND TILT	1.05	1.02	1.00	0.98	0.95	0.87	0.76						
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING													
670	DUMP BODIES	1.04	1.02	1.00	0.98	0.96								
675	ALL OTHER ACCESSORIES	1.04	1.02	1.00	0.98	0.96								
	TRUCK, HIGHWAY													
690	0 THRU 10,000 GVW	1.09	1.04	1.00	0.95									
695	OVER 10,000 THRU 30,000 GVW	1.09	1.04	1.00	0.95	0.91								
705	OVER 30,000 GVW	1.08	1.03	1.00	0.95	0.91								
720	TRUCK, OFF-HIGHWAY	1.03	1.01	1.00	0.99	0.96	0.88	0.76	0.65					
765	WAGON, BOTTOM & REAR DUMP	1.03	1.01	1.00	0.99	0.96	0.88	0.76	0.65					
780	WAGON, WATER	1.03	1.01	1.00	0.99	0.96	0.87	0.75	0.64					
785	WATER BLASTER	1.04	1.02	1.00	0.98									
795	WATER TANKS	1.04	1.02	1.00	0.98	0.96	0.88	0.79	0.68					
810	WELDERS	1.05	1.02	1.00	0.98	0.95								
811	WELDERS ELECTRIC POWER	1.04	1.02	1.00	0.98	0.96								

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 (.84)	= $15.12/Hr.

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW 1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
15	AGGREGATE SPREADERS	1.06	1.03	1.00	0.99	1.00	0.94	0.88						
30	AIR COMPRESSORS	1.06	1.03	1.00	1.01	0.99	0.93	0.97						
45	AIR TOOLS, SANDBLASTERS, ETC	1.07	1.03	1.00										
60	ASPHALT DISTRIBUTORS	1.06	1.03	1.00	0.99	1.00	0.94	0.88						
65	ASPHALT AND CONCRETE PAVERS	1.06	1.03	1.00	0.99	1.00	0.94	0.88						
70	ASPHALT KETTLES AND RECYCLERS	1.04	1.02	1.00	0.99	0.96								
	BACKHOE (SEE KEY NO. 570-601)													
75	BROOMS	1.04	1.02	1.00	0.99	0.96	0.90	0.81						
80	BRUSH CHIPPERS	1.04	1.02	1.00	0.99	0.96	0.90	0.81						
90	BUCKETS, CLAMSHELL & DRAGLINE	1.05	1.03	1.00	0.99	1.00	0.95	0.85						
95	BUCKETS, CONCRETE	1.05	1.03	1.00	0.99	1.00	0.95	0.85						
105	CONCRETE OR GROUT PUMP	1.04	1.02	1.00	0.99	0.96								
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	1.04	1.02	1.00	0.99	0.96								
125	CONCRETE FINISHERS & BUGGIES	1.04	1.02	1.00	0.98									
130	CONCRETE SAWS	1.04	1.02	1.00	0.99	0.96								
135	CONCRETE VIBRATORS	1.07	1.03	1.00										
140	COMPACTORS, MANUALLY OPERATED	1.07	1.03	1.00	1.01									
	CRANE, CRAWLER TYPE													
150	0 THRU 25 TON	1.04	1.02	1.00	0.98	0.96	0.90	0.83	0.75					
165	OVER 25 TON THRU 50 TON	1.04	1.02	1.00	0.98	0.96	0.90	0.84	0.76	0.70	0.65			
170	OVER 50 TON THRU 150 TON	1.04	1.02	1.00	0.98	0.96	0.90	0.84	0.76	0.70	0.65	0.62		
180	OVER 150 TON	1.04	1.02	1.00	0.98	0.96	0.91	0.84	0.76	0.70	0.66	0.62	0.57	0.48
	DRAGLINE & CLAMSHELL,CRAWLER													
185	0 THRU 1 CY	1.04	1.02	1.00	0.98	0.96	0.90	0.83	0.75					
190	OVER 1 CY THRU 2-1/2 CY	1.04	1.02	1.00	0.98	0.96	0.90	0.84	0.76	0.70	0.65			
195	OVER 2-1/2 CY THRU 5 CY	1.04	1.02	1.00	0.98	0.96	0.90	0.84	0.76	0.70	0.65	0.62		
196	OVER 5 CY	1.04	1.02	1.00	0.98	0.96	0.91	0.84	0.76	0.70	0.66	0.62	0.57	0.48
200	CRANES, HYDRAULIC, SELF-PROPELLED	1.04	1.02	1.00	0.98	0.96	0.90	0.84	0.76	0.70	0.65			
205	CRANES, TOWER	1.04	1.02	1.00	0.98	0.96	0.91	0.84	0.77	0.71	0.66	0.62		
	CRANES & HYD. EXC. , TRK MTD													
210	UNDER 26 T. (THRU 1 CY)	1.04	1.02	1.00	0.98	0.96	0.90	0.84	0.76	0.69	0.65			
225	26 THRU 65 T (1 TH 2-1/2 CY)	1.04	1.02	1.00	0.98	0.96	0.90	0.84	0.76	0.70	0.65	0.61		
230	66 THRU 125 T	1.04	1.02	1.00	0.98	0.96	0.90	0.84	0.76	0.70	0.65	0.62	0.57	0.48
240	OVER 125 T	1.04	1.02	1.00	0.98	0.96	0.91	0.84	0.77	0.71	0.66	0.62	0.58	0.49
255	DRILL, AUGER	1.02	1.01	1.00	1.01	1.00	0.93	0.80						
270	DRILL, BLAST HOLE	1.02	1.01	1.00	1.01	1.00	0.93	0.80						
300	DRILL, CORE	1.02	1.01	1.00	1.01	1.00	0.93	0.80						
315	DRILL, ROTARY TO 11" DIA. HOLE	1.02	1.01	1.00	1.01	1.00	0.93	0.81	0.72	0.67	0.61			
330	DRILL, ROTARY OVER 11" DIA.	1.02	1.01	1.00	1.01	1.00	0.93	0.82	0.72	0.68	0.62	0.60	0.58	0.51
345	DRILL, ROTARY OVER 11" DIA., ELECTRIC	1.02	1.01	1.00	1.01	1.00	0.93	0.82	0.72	0.68	0.62	0.60	0.58	0.51
375	FORK LIFTS	1.04	1.02	1.00	0.99	0.96	0.90	0.81						
390	GRADERS	1.05	1.03	1.00	1.00	0.98	0.90	0.82	0.74					
420	GENERATORS	1.06	1.03	1.00	0.97	0.95								
435	HOIST	1.04	1.02	1.00	0.99	0.96	0.90	0.81						
	HYD. EXCAVATOR (SEE KEY NO. 570-601)													
440	LIGHT PLANTS	1.04	1.02	1.00	0.98	0.96								
450	LOADER, BELT	1.04	1.02	1.00	0.99	0.96	0.90	0.81						
460	LOADER,FRONT END &LOADER F/E WITH BACKHOE,CRAWLER TYPE	1.00	0.99	1.00	1.00	0.96	0.88	0.80						
	LOADER, WHEEL TYPE													
465	0 THRU 225 HP	1.02	1.01	1.00	0.98	0.96	0.87	0.74						
470	OVER 225 HP	1.02	1.01	1.00	0.98	0.96	0.87	0.74	0.66					
475	LOADER, FRONT END WITH BACKHOE,WHEEL TYPE	1.02	1.01	1.00	0.98	0.96	0.87	0.74						

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

KEY NO.	TYPE OF EQUIPMENT	YEAR PURCHASED NEW 1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	1.04	1.02	1.00	0.98									
485	PIPELAYERS	1.00	0.99	1.00	1.00	0.96	0.88	0.81	0.72					
	PUMP, GROUT (SEE KEY NO. 105)													
495	PUMP, WATER, ENGINE DRIVE	1.04	1.02	1.00	0.99	0.96	0.90	0.81						
500	PUMP, WATER, ELECTRIC DRIVE	1.04	1.02	1.00	0.99	0.96	0.90	0.81						
510	RIPPERS	1.00	0.99	1.00	1.00	0.96								
525	ROLLERS,EXCEPT VIB. ROLLERS	1.07	1.04	1.00	0.95	0.87	0.81	0.74						
530	ROLLERS, VIBRATORY	1.08	1.04	1.00	0.95	0.87								
540	SCRAPERS, STANDARD	1.05	1.03	1.00	1.00	0.98	0.90	0.82						
542	SCRAPERS, TANDEM POWERED	1.05	1.03	1.00	1.00	0.98	0.90	0.82						
	SCRAPERS, ELEVATING													
545	0 THRU 200 HP	1.05	1.03	1.00	1.00	0.98	0.90	0.82						
550	OVER 200 HP	1.05	1.03	1.00	1.00	0.98	0.90	0.82						
555	SCRAPERS, TRACTOR DRAWN	1.05	1.03	1.00	1.00	0.98	0.90	0.82	0.74					
560	SOIL STABILIZERS	1.05	1.03	1.00	1.00	0.98	0.90	0.82						
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED													
570	0 THRU 1 CY	1.04	1.02	1.00	0.98	0.96								
585	OVER 1 CY THRU 2-1/2 CY	1.04	1.02	1.00	0.98	0.96	0.90	0.83						
595	OVER 2-1/2 CY THRU 5 CY	1.04	1.02	1.00	0.98	0.96	0.90	0.83	0.75					
600	OVER 5 CY	1.04	1.02	1.00	0.98	0.96	0.90	0.83	0.75	0.69				
601	OVER 2-1/2 CY ELECTRIC	1.04	1.02	1.00	0.98	0.96	0.90	0.84	0.76	0.70	0.65	0.62		
	TRACTOR, CRAWLER TYPE													
615	0 THRU 225 HP	1.00	0.99	1.00	1.00	0.96	0.88	0.80						
620	226 HP THRU 425 HP (PER UNIT FOR TANDEM TRACTORS)	1.00	0.99	1.00	1.00	0.96	0.88	0.80						
625	OVER 425 HP	1.00	0.99	1.00	1.00	0.96	0.88	0.81	0.73					
630	TRACTOR, BLADES, PUSH BLOCKS, PUSH PLATES & CLEARING BLADES	1.00	0.99	1.00	1.00	0.96	0.88	0.80						
645	TRACTOR, WHEEL TYPE	1.07	1.05	1.00	0.97	0.96	0.89	0.80						
650	TRENCHER	1.03	1.01	1.00	0.98	0.92	0.81	0.71						
655	TRAILERS, BOTTOM DUMP AND END DUMP	1.04	1.02	1.00	0.99	0.96	0.90	0.81						
660	TRAILERS, FLATBED, LO-BOY AND TILT	1.04	1.02	1.00	0.99	0.96	0.90	0.80						
	TRUCK ACCESSORIES FOR CHASSIS MOUNTING													
670	DUMP BODIES	1.04	1.02	1.00	0.99	0.96								
675	ALL OTHER ACCESSORIES	1.04	1.02	1.00	0.99	0.96								
	TRUCK, HIGHWAY													
690	0 THRU 10,000 GVW	1.08	1.03	1.00	0.95									
695	OVER 10,000 THRU 30,000 GVW	1.07	1.03	1.00	0.95	0.92								
705	OVER 30,000 GVW	1.07	1.03	1.00	0.95	0.92								
720	TRUCK, OFF-HIGHWAY	1.03	1.01	1.00	0.99	0.97	0.89	0.78	0.68					
765	WAGON, BOTTOM & REAR DUMP	1.03	1.01	1.00	0.99	0.97	0.89	0.78	0.68					
780	WAGON, WATER	1.03	1.01	1.00	0.99	0.97	0.89	0.78	0.68					
785	WATER BLASTER	1.04	1.02	1.00	0.98									
795	WATER TANKS	1.04	1.02	1.00	0.99	0.96	0.90	0.81	0.72					
810	WELDERS	1.04	1.02	1.00	0.98	0.96								
811	WELDERS ELECTRIC POWER	1.04	1.02	1.00	0.98	0.96								

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)	= $49.60/Hr.
Ownership Rate (adjusted for age)	(-) $24.60/Hr.
Ownership Adjusted for Work Hours (Ownership Rate) x (Work Hr Adj. Factor) = ($24.60) x (.87)	= (+) $21.40/Hr.
Adjusted Total Hourly Rate	= $46.40/Hr.

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

Service Life From APP. D	Equipment Useage - Hours per Week												
	40	45	48	54	60	66	72	80	90	100	110	120	140
4,000	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.90	0.89
6,000	1.00	0.98	0.97	0.95	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86
8,000	1.00	0.97	0.96	0.94	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.84	0.83
9,000	1.00	0.97	0.96	0.93	0.91	0.90	0.88	0.87	0.85	0.84	0.83	0.82	0.81
10,000	1.00	0.97	0.95	0.93	0.91	0.89	0.87	0.86	0.84	0.83	0.82	0.81	0.80
11,000	1.00	0.97	0.95	0.92	0.90	0.88	0.87	0.85	0.83	0.82	0.81	0.80	0.79
12,000	1.00	0.96	0.95	0.92	0.89	0.88	0.86	0.84	0.82	0.81	0.80	0.79	0.77
13,000	1.00	0.96	0.94	0.91	0.89	0.87	0.85	0.83	0.81	0.80	0.79	0.78	0.76
14,000	1.00	0.96	0.94	0.91	0.88	0.86	0.85	0.83	0.81	0.79	0.78	0.77	0.75
15,000	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
16,000	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
18,000	1.00	0.96	0.93	0.90	0.87	0.84	0.82	0.80	0.78	0.76	0.74	0.73	0.71
20,000	1.00	0.95	0.93	0.89	0.86	0.83	0.81	0.79	0.76	0.74	0.73	0.71	0.69
22,000	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
50,000	1.00	0.93	0.89	0.83	0.79	0.75	0.71	0.68	0.64	0.61	0.59	0.57	0.54

TABLE 3-5. HOURLY RATE ELEMENT

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
1015	4.46	1.84	11.73	2.82	0.23	0.03	3.29	24.40								
1020	5.00	2.06	3.91	0.94	0.23	0.03	3.69	15.86								
1035	0.76	0.38	4.12	1.32	0.02	0.00	0.65	7.25								
1040	0.92	0.46	1.17	0.33	0.02	0.00	0.78	3.68								
1045	0.93	0.47	5.77	1.85	0.02	0.00	0.80	9.84								
1050	0.99	0.50	1.80	0.50	0.02	0.00	0.85	4.66								
1055	1.02	0.51	5.77	1.85	0.02	0.00	0.87	10.04								
1060	1.16	0.58	1.91	0.53	0.02	0.00	0.99	5.19								
1065	1.05	0.53	5.77	1.85	0.02	0.00	0.90	10.12								
1070	1.25	0.62	2.44	0.68	0.02	0.00	1.06	6.07								
1075	1.86	0.93	3.11	0.87	0.03	0.00	1.59	8.39								
1080	2.25	1.16	4.31	1.21	0.15	0.02	1.93	11.03								
1085	2.94	1.50	5.37	1.50	0.15	0.02	2.52	14.00								
1090	3.53	1.80	6.64	1.86	0.17	0.03	3.02	17.05								
1095	4.11	2.09	8.06	2.26	0.17	0.03	3.52	20.24								
1100	4.69	2.37	9.19	2.57	0.17	0.03	4.01	23.03								
1105	5.15	2.60	9.54	2.67	0.17	0.03	4.40	24.56								
1110	5.77	2.91	10.39	2.91	0.17	0.03	4.93	27.11								
1115	6.91	3.47	14.14	3.96	0.17	0.03	5.90	34.58								
1120	7.81	3.93	16.12	4.51	0.21	0.03	6.66	39.27								
1135	0.30	0.06	0.00	0.06	0.00	0.00	0.47	0.89								
1140	0.55	0.10	0.00	0.06	0.00	0.00	0.86	1.57								
1145	0.55	0.10	0.00	0.06	0.00	0.00	0.87	1.58								
1150	0.61	0.11	0.00	0.13	0.00	0.00	0.96	1.81								
1155	0.82	0.15	0.00	0.13	0.00	0.00	1.29	2.39								
1160	2.32	0.44	0.00	0.27	0.05	0.01	3.67	6.76								
1165	2.75	0.54	0.00	0.40	0.14	0.02	4.40	8.25								
1170	3.40	0.66	0.00	0.50	0.14	0.02	5.41	10.13								
1180	0.18	0.03	0.00	0.06	0.00	0.00	0.29	0.56								
1185	0.40	0.07	0.00	0.11	0.00	0.00	0.63	1.21								
1190	0.19	0.03	0.00	0.06	0.00	0.00	0.29	0.57								
1195	0.20	0.04	0.00	0.06	0.00	0.00	0.32	0.62								
1200	0.22	0.04	0.00	0.06	0.00	0.00	0.34	0.66								
1205	0.73	0.14	0.00	0.13	0.00	0.00	1.15	2.15								
1215	0.39	0.07	0.00	0.15	0.00	0.00	1.03	1.64								
1220	0.25	0.05	0.00	0.13	0.00	0.00	0.66	1.09								
1225	0.23	0.04	0.00	0.10	0.00	0.00	0.60	0.97								
1230	0.21	0.04	0.00	0.08	0.00	0.00	0.54	0.87								
1235	0.16	0.03	0.00	0.06	0.00	0.00	0.42	0.67								
1245	2.51	1.01	3.71	1.19	0.00	0.00	2.24	10.66								
1250	2.57	1.04	3.71	1.19	0.00	0.00	2.29	10.80								
1255	2.75	1.11	3.71	1.19	0.00	0.00	2.45	11.21								
1260	3.09	1.25	3.71	1.19	0.00	0.00	2.76	12.00								
1270	7.10	2.92	2.47	0.69	0.37	0.06	6.73	20.34								
1275	11.68	4.84	3.36	0.94	0.81	0.12	11.09	32.84								
1280	13.16	5.43	4.59	1.29	0.81	0.12	12.49	37.89								
1285	15.96	6.42	4.59	1.29	0.00	0.00	15.06	43.32								
1295	3.80	1.59	1.06	0.30	0.35	0.05	3.62	10.77								
1300	6.39	2.63	1.55	0.44	0.35	0.05	6.06	17.47								
1305	8.53	3.52	1.98	0.55	0.52	0.08	8.09	23.27								
1310	10.26	4.27	3.36	0.94	0.81	0.12	9.75	29.51								
1315	12.19	5.08	3.25	0.91	0.99	0.15	11.59	34.16								
1320	15.81	6.60	5.23	1.46	1.38	0.21	15.03	45.72								
1325	11.70	4.71	3.18	0.89	0.00	0.00	11.04	31.52								
1330	14.09	5.67	4.42	1.24	0.00	0.00	13.29	38.71								

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
1340	0.37	0.13	0.00	1.00	0.02	0.00	0.31	1.83								
1345	0.44	0.15	0.00	1.11	0.02	0.00	0.36	2.08								
1355	1.04	0.35	0.66	1.80	0.03	0.00	0.85	4.73								
1365	0.49	0.22	0.00	0.18	0.02	0.00	0.43	1.34								
1370	0.64	0.29	2.47	0.59	0.02	0.00	0.56	4.57								
1375	0.24	0.11	0.00	0.18	0.00	0.00	0.21	0.74								
1380	0.44	0.19	0.00	0.12	0.00	0.00	0.38	1.13								
1390	0.96	0.38	8.62	2.76	0.00	0.00	0.88	13.60								
1395	1.03	0.42	8.62	2.76	0.04	0.01	0.95	13.83								
1405	0.89	0.32	0.00	0.00	0.00	0.00	0.60	1.81	1.11	0.33	0.00	0.00	0.00	0.00	0.86	2.30
1410	0.96	0.35	0.00	0.00	0.00	0.00	0.65	1.96	1.20	0.36	0.00	0.00	0.00	0.00	0.93	2.49
1415	1.39	0.50	0.00	0.00	0.00	0.00	0.94	2.83	1.74	0.52	0.00	0.00	0.00	0.00	1.34	3.60
1420	1.63	0.59	0.00	0.00	0.00	0.00	1.10	3.32	2.04	0.61	0.00	0.00	0.00	0.00	1.58	4.23
1425	2.11	0.77	0.00	0.00	0.00	0.00	1.43	4.31	2.63	0.79	0.00	0.00	0.00	0.00	2.04	5.46
1430	2.24	0.81	0.00	0.00	0.00	0.00	1.52	4.57	2.80	0.84	0.00	0.00	0.00	0.00	2.17	5.81
1435	2.44	0.89	0.00	0.00	0.00	0.00	1.65	4.98	3.05	0.91	0.00	0.00	0.00	0.00	2.36	6.32
1440	2.70	0.98	0.00	0.00	0.00	0.00	1.83	5.51	3.38	1.01	0.00	0.00	0.00	0.00	2.61	7.00
1445	2.94	1.07	0.00	0.00	0.00	0.00	1.99	6.00	3.67	1.10	0.00	0.00	0.00	0.00	2.84	7.61
1450	3.13	1.14	0.00	0.00	0.00	0.00	2.12	6.39	3.92	1.17	0.00	0.00	0.00	0.00	3.03	8.12
1455	3.47	1.26	0.00	0.00	0.00	0.00	2.35	7.08	4.33	1.29	0.00	0.00	0.00	0.00	3.35	8.97
1460	3.61	1.31	0.00	0.00	0.00	0.00	2.44	7.36	4.51	1.35	0.00	0.00	0.00	0.00	3.49	9.35
1465	3.72	1.35	0.00	0.00	0.00	0.00	2.52	7.59	4.65	1.39	0.00	0.00	0.00	0.00	3.59	9.63
1470	3.91	1.42	0.00	0.00	0.00	0.00	2.65	7.98	4.89	1.46	0.00	0.00	0.00	0.00	3.78	10.13
1475	4.07	1.48	0.00	0.00	0.00	0.00	2.75	8.30	5.09	1.52	0.00	0.00	0.00	0.00	3.93	10.54
1485	0.85	0.31	0.00	0.00	0.00	0.00	0.58	1.74	1.06	0.32	0.00	0.00	0.00	0.00	0.82	2.20
1490	1.18	0.43	0.00	0.00	0.00	0.00	0.80	2.41	1.48	0.44	0.00	0.00	0.00	0.00	1.14	3.06
1495	1.74	0.63	0.00	0.00	0.00	0.00	1.18	3.55	2.17	0.65	0.00	0.00	0.00	0.00	1.68	4.50
1500	1.88	0.68	0.00	0.00	0.00	0.00	1.28	3.84	2.36	0.70	0.00	0.00	0.00	0.00	1.82	4.88
1505	2.37	0.86	0.00	0.00	0.00	0.00	1.60	4.83	2.96	0.88	0.00	0.00	0.00	0.00	2.29	6.13
1510	2.61	0.95	0.00	0.00	0.00	0.00	1.77	5.33	3.26	0.97	0.00	0.00	0.00	0.00	2.52	6.75
1515	3.00	1.09	0.00	0.00	0.00	0.00	2.03	6.12	3.75	1.12	0.00	0.00	0.00	0.00	2.90	7.77
1520	3.24	1.18	0.00	0.00	0.00	0.00	2.19	6.61	4.05	1.21	0.00	0.00	0.00	0.00	3.13	8.39
1525	3.49	1.27	0.00	0.00	0.00	0.00	2.36	7.12	4.36	1.30	0.00	0.00	0.00	0.00	3.37	9.03
1530	3.75	1.36	0.00	0.00	0.00	0.00	2.53	7.64	4.68	1.40	0.00	0.00	0.00	0.00	3.62	9.70
1535	3.96	1.44	0.00	0.00	0.00	0.00	2.68	8.08	4.96	1.48	0.00	0.00	0.00	0.00	3.83	10.27
1540	4.17	1.52	0.00	0.00	0.00	0.00	2.82	8.51	5.22	1.56	0.00	0.00	0.00	0.00	4.03	10.81
1545	4.41	1.60	0.00	0.00	0.00	0.00	2.98	8.99	5.51	1.64	0.00	0.00	0.00	0.00	4.26	11.41
1550	4.60	1.67	0.00	0.00	0.00	0.00	3.12	9.39	5.75	1.72	0.00	0.00	0.00	0.00	4.45	11.92
1555	4.80	1.74	0.00	0.00	0.00	0.00	3.25	9.79	6.00	1.79	0.00	0.00	0.00	0.00	4.64	12.43
1565	1.35	0.49	0.00	0.00	0.00	0.00	0.91	2.75	1.68	0.50	0.00	0.00	0.00	0.00	1.30	3.48
1570	1.37	0.50	0.00	0.00	0.00	0.00	0.93	2.80	1.72	0.51	0.00	0.00	0.00	0.00	1.33	3.56
1575	1.99	0.72	0.00	0.00	0.00	0.00	1.34	4.05	2.48	0.74	0.00	0.00	0.00	0.00	1.92	5.14
1580	2.45	0.89	0.00	0.00	0.00	0.00	1.66	5.00	3.06	0.91	0.00	0.00	0.00	0.00	2.37	6.34
1585	2.76	1.00	0.00	0.00	0.00	0.00	1.87	5.63	3.44	1.03	0.00	0.00	0.00	0.00	2.66	7.13
1590	3.01	1.09	0.00	0.00	0.00	0.00	2.03	6.13	3.76	1.12	0.00	0.00	0.00	0.00	2.91	7.79
1595	3.25	1.18	0.00	0.00	0.00	0.00	2.20	6.63	4.06	1.21	0.00	0.00	0.00	0.00	3.14	8.41
1600	3.46	1.26	0.00	0.00	0.00	0.00	2.34	7.06	4.32	1.29	0.00	0.00	0.00	0.00	3.34	8.95
1605	3.61	1.31	0.00	0.00	0.00	0.00	2.44	7.36	4.51	1.34	0.00	0.00	0.00	0.00	3.49	9.34
1610	3.92	1.42	0.00	0.00	0.00	0.00	2.65	7.99	4.90	1.46	0.00	0.00	0.00	0.00	3.79	10.15
1615	4.17	1.51	0.00	0.00	0.00	0.00	2.82	8.50	5.21	1.56	0.00	0.00	0.00	0.00	4.03	10.80
1620	4.40	1.60	0.00	0.00	0.00	0.00	2.98	8.98	5.50	1.64	0.00	0.00	0.00	0.00	4.25	11.39
1625	4.65	1.69	0.00	0.00	0.00	0.00	3.15	9.49	5.81	1.73	0.00	0.00	0.00	0.00	4.50	12.04
1630	4.84	1.76	0.00	0.00	0.00	0.00	3.27	9.87	6.05	1.80	0.00	0.00	0.00	0.00	4.68	12.53
1635	5.08	1.85	0.00	0.00	0.00	0.00	3.44	10.37	6.35	1.90	0.00	0.00	0.00	0.00	4.91	13.16
1645	0.13	0.05	0.00	0.00	0.00	0.00	0.09	0.27								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
1650	0.16	0.06	0.00	0.00	0.00	0.00	0.11	0.33								
1655	0.20	0.08	0.00	0.00	0.00	0.00	0.15	0.43								
1660	0.29	0.12	0.00	0.00	0.00	0.00	0.21	0.62								
1665	0.36	0.15	0.00	0.00	0.00	0.00	0.26	0.77								
1675	0.52	0.21	0.00	0.00	0.00	0.00	0.38	1.11								
1680	0.54	0.22	0.00	0.00	0.00	0.00	0.39	1.15								
1685	0.56	0.23	0.00	0.00	0.00	0.00	0.41	1.20								
1690	0.74	0.30	0.00	0.00	0.00	0.00	0.54	1.58								
1695	0.78	0.31	0.00	0.00	0.00	0.00	0.56	1.65								
1700	1.12	0.45	0.00	0.00	0.00	0.00	0.81	2.38								
1705	1.34	0.54	0.00	0.00	0.00	0.00	0.96	2.84								
1715	0.59	0.24	0.00	0.00	0.00	0.00	0.43	1.26								
1720	0.66	0.26	0.00	0.00	0.00	0.00	0.48	1.40								
1725	0.77	0.31	0.00	0.00	0.00	0.00	0.55	1.63								
1730	0.85	0.34	0.00	0.00	0.00	0.00	0.62	1.81								
1735	1.00	0.40	0.00	0.00	0.00	0.00	0.72	2.12								
1750	0.30	0.11	0.00	0.00	0.00	0.00	0.20	0.61	0.37	0.11	0.00	0.00	0.00	0.00	0.29	0.77
1755	0.36	0.13	0.00	0.00	0.00	0.00	0.24	0.73	0.44	0.13	0.00	0.00	0.00	0.00	0.34	0.91
1760	0.44	0.16	0.00	0.00	0.00	0.00	0.29	0.89	0.54	0.16	0.00	0.00	0.00	0.00	0.42	1.12
1765	0.51	0.19	0.00	0.00	0.00	0.00	0.35	1.05	0.64	0.19	0.00	0.00	0.00	0.00	0.50	1.33
1770	0.60	0.22	0.00	0.00	0.00	0.00	0.41	1.23	0.75	0.23	0.00	0.00	0.00	0.00	0.58	1.56
1775	0.74	0.27	0.00	0.00	0.00	0.00	0.50	1.51	0.93	0.28	0.00	0.00	0.00	0.00	0.72	1.93
1780	0.82	0.30	0.00	0.00	0.00	0.00	0.56	1.68	1.03	0.31	0.00	0.00	0.00	0.00	0.80	2.14
1785	1.00	0.36	0.00	0.00	0.00	0.00	0.68	2.04	1.26	0.37	0.00	0.00	0.00	0.00	0.97	2.60
1790	1.07	0.39	0.00	0.00	0.00	0.00	0.72	2.18	1.33	0.40	0.00	0.00	0.00	0.00	1.03	2.76
1795	1.29	0.47	0.00	0.00	0.00	0.00	0.87	2.63	1.61	0.48	0.00	0.00	0.00	0.00	1.25	3.34
1800	1.40	0.51	0.00	0.00	0.00	0.00	0.94	2.85	1.74	0.52	0.00	0.00	0.00	0.00	1.35	3.61
1805	1.53	0.55	0.00	0.00	0.00	0.00	1.03	3.11	1.91	0.57	0.00	0.00	0.00	0.00	1.48	3.96
1810	1.69	0.61	0.00	0.00	0.00	0.00	1.15	3.45	2.11	0.63	0.00	0.00	0.00	0.00	1.64	4.38
1815	1.95	0.71	0.00	0.00	0.00	0.00	1.32	3.98	2.44	0.73	0.00	0.00	0.00	0.00	1.89	5.06
1820	2.12	0.77	0.00	0.00	0.00	0.00	1.44	4.33	2.65	0.79	0.00	0.00	0.00	0.00	2.05	5.49
1825	2.61	0.95	0.00	0.00	0.00	0.00	1.77	5.33	3.26	0.97	0.00	0.00	0.00	0.00	2.52	6.75
1830	3.00	1.09	0.00	0.00	0.00	0.00	2.03	6.12	3.75	1.12	0.00	0.00	0.00	0.00	2.90	7.77
1840	0.35	0.13	0.00	0.00	0.00	0.00	0.24	0.72	0.44	0.13	0.00	0.00	0.00	0.00	0.34	0.91
1845	0.43	0.16	0.00	0.00	0.00	0.00	0.29	0.88	0.54	0.16	0.00	0.00	0.00	0.00	0.41	1.11
1850	0.53	0.19	0.00	0.00	0.00	0.00	0.36	1.08	0.66	0.20	0.00	0.00	0.00	0.00	0.51	1.37
1855	0.63	0.23	0.00	0.00	0.00	0.00	0.43	1.29	0.79	0.24	0.00	0.00	0.00	0.00	0.61	1.64
1860	0.73	0.26	0.00	0.00	0.00	0.00	0.49	1.48	0.91	0.27	0.00	0.00	0.00	0.00	0.70	1.88
1865	0.87	0.32	0.00	0.00	0.00	0.00	0.59	1.78	1.09	0.32	0.00	0.00	0.00	0.00	0.84	2.25
1870	0.96	0.35	0.00	0.00	0.00	0.00	0.65	1.96	1.20	0.36	0.00	0.00	0.00	0.00	0.93	2.49
1875	1.16	0.42	0.00	0.00	0.00	0.00	0.78	2.36	1.45	0.43	0.00	0.00	0.00	0.00	1.12	3.00
1880	1.24	0.45	0.00	0.00	0.00	0.00	0.84	2.53	1.54	0.46	0.00	0.00	0.00	0.00	1.20	3.20
1885	1.58	0.58	0.00	0.00	0.00	0.00	1.07	3.23	1.98	0.59	0.00	0.00	0.00	0.00	1.53	4.10
1890	1.64	0.59	0.00	0.00	0.00	0.00	1.11	3.34	2.05	0.61	0.00	0.00	0.00	0.00	1.58	4.24
1895	1.87	0.68	0.00	0.00	0.00	0.00	1.27	3.82	2.34	0.70	0.00	0.00	0.00	0.00	1.81	4.85
1900	2.06	0.75	0.00	0.00	0.00	0.00	1.39	4.20	2.57	0.77	0.00	0.00	0.00	0.00	1.99	5.33
1905	2.46	0.90	0.00	0.00	0.00	0.00	1.67	5.03	3.08	0.92	0.00	0.00	0.00	0.00	2.38	6.38
1910	2.62	0.95	0.00	0.00	0.00	0.00	1.78	5.35	3.28	0.98	0.00	0.00	0.00	0.00	2.54	6.80
1915	3.34	1.21	0.00	0.00	0.00	0.00	2.26	6.81	4.18	1.25	0.00	0.00	0.00	0.00	3.23	8.66
1920	3.72	1.35	0.00	0.00	0.00	0.00	2.52	7.59	4.66	1.39	0.00	0.00	0.00	0.00	3.60	9.65
1930	1.39	0.51	0.00	0.00	0.00	0.00	0.94	2.84	1.74	0.52	0.00	0.00	0.00	0.00	1.35	3.61
1935	1.45	0.53	0.00	0.00	0.00	0.00	0.98	2.96	1.81	0.54	0.00	0.00	0.00	0.00	1.40	3.75
1940	1.62	0.59	0.00	0.00	0.00	0.00	1.10	3.31	2.03	0.61	0.00	0.00	0.00	0.00	1.57	4.21
1945	2.17	0.79	0.00	0.00	0.00	0.00	1.47	4.43	2.72	0.81	0.00	0.00	0.00	0.00	2.10	5.63
1950	2.43	0.88	0.00	0.00	0.00	0.00	1.64	4.95	3.04	0.91	0.00	0.00	0.00	0.00	2.35	6.30

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
1955	2.51	0.91	0.00	0.00	0.00	0.00	1.70	5.12	3.14	0.94	0.00	0.00	0.00	0.00	2.43	6.51
1960	2.69	0.98	0.00	0.00	0.00	0.00	1.82	5.49	3.36	1.00	0.00	0.00	0.00	0.00	2.60	6.96
1965	3.42	1.24	0.00	0.00	0.00	0.00	2.31	6.97	4.27	1.27	0.00	0.00	0.00	0.00	3.30	8.84
1970	3.51	1.28	0.00	0.00	0.00	0.00	2.38	7.17	4.39	1.31	0.00	0.00	0.00	0.00	3.40	9.10
1975	4.47	1.62	0.00	0.00	0.00	0.00	3.03	9.12	5.59	1.67	0.00	0.00	0.00	0.00	4.32	11.58
1980	4.63	1.68	0.00	0.00	0.00	0.00	3.13	9.44	5.79	1.73	0.00	0.00	0.00	0.00	4.48	12.00
1985	5.50	2.00	0.00	0.00	0.00	0.00	3.73	11.23	6.88	2.05	0.00	0.00	0.00	0.00	5.32	14.25
1990	5.86	2.13	0.00	0.00	0.00	0.00	3.97	11.96	7.33	2.19	0.00	0.00	0.00	0.00	5.67	15.19
2000	0.84	0.30	0.00	0.00	0.00	0.00	0.57	1.71	1.05	0.31	0.00	0.00	0.00	0.00	0.81	2.17
2005	1.07	0.39	0.00	0.00	0.00	0.00	0.73	2.19	1.34	0.40	0.00	0.00	0.00	0.00	1.04	2.78
2010	1.47	0.53	0.00	0.00	0.00	0.00	1.00	3.00	1.84	0.55	0.00	0.00	0.00	0.00	1.42	3.81
2015	1.95	0.71	0.00	0.00	0.00	0.00	1.32	3.98	2.43	0.73	0.00	0.00	0.00	0.00	1.88	5.04
2020	2.91	1.06	0.00	0.00	0.00	0.00	1.97	5.94	3.63	1.08	0.00	0.00	0.00	0.00	2.81	7.52
2025	3.32	1.20	0.00	0.00	0.00	0.00	2.24	6.76	4.15	1.24	0.00	0.00	0.00	0.00	3.21	8.60
2030	4.02	1.46	0.00	0.00	0.00	0.00	2.72	8.20	5.02	1.50	0.00	0.00	0.00	0.00	3.89	10.41
2035	4.88	1.77	0.00	0.00	0.00	0.00	3.31	9.96	6.10	1.82	0.00	0.00	0.00	0.00	4.72	12.64
2040	5.93	2.15	0.00	0.00	0.00	0.00	4.01	12.09	7.41	2.21	0.00	0.00	0.00	0.00	5.73	15.35
2045	6.88	2.50	0.00	0.00	0.00	0.00	4.65	14.03	8.60	2.57	0.00	0.00	0.00	0.00	6.65	17.82
2055	0.22	0.06	0.34	0.08	0.00	0.00	0.28	0.98								
2060	0.22	0.06	0.34	0.08	0.00	0.00	0.28	0.98								
2065	0.40	0.10	0.45	0.11	0.00	0.00	0.51	1.57								
2070	0.32	0.08	0.57	0.14	0.00	0.00	0.40	1.51								
2075	0.40	0.10	0.68	0.16	0.00	0.00	0.51	1.85								
2080	0.17	0.04	0.45	0.11	0.00	0.00	0.22	0.99								
2085	0.25	0.06	0.80	0.19	0.00	0.00	0.31	1.61								
2090	0.25	0.06	0.45	0.11	0.00	0.00	0.31	1.18								
2095	0.31	0.08	0.45	0.11	0.00	0.00	0.39	1.34								
2100	0.22	0.06	0.45	0.11	0.00	0.00	0.28	1.12								
2105	0.42	0.11	0.25	0.06	0.00	0.00	0.53	1.37								
2110	0.76	0.20	0.25	0.06	0.00	0.00	0.96	2.23								
2115	1.13	0.29	0.35	0.08	0.00	0.00	1.42	3.27								
2120	0.97	0.25	0.25	0.06	0.00	0.00	1.22	2.75								
2125	1.21	0.31	0.20	0.05	0.00	0.00	1.52	3.29								
2130	1.67	0.43	0.39	0.09	0.00	0.00	2.11	4.69								
2135	2.11	0.54	0.64	0.15	0.00	0.00	2.66	6.10								
2140	0.46	0.12	1.02	0.25	0.00	0.00	0.58	2.43								
2145	0.48	0.12	0.35	0.08	0.00	0.00	0.61	1.64								
2150	1.62	0.42	0.54	0.13	0.00	0.00	2.05	4.76								
2155	1.49	0.38	0.39	0.09	0.00	0.00	1.87	4.22								
2160	1.67	0.43	0.39	0.09	0.00	0.00	2.11	4.69								
2170	0.24	0.06	0.44	0.14	0.00	0.00	0.20	1.08								
2180	0.20	0.05	0.62	0.20	0.00	0.00	0.16	1.23								
2185	0.78	0.20	1.42	0.45	0.00	0.00	0.63	3.48								
2190	1.00	0.26	1.42	0.45	0.00	0.00	0.82	3.95								
2200	0.07	0.02	0.08	0.04	0.02	0.00	0.06	0.29								
2205	0.08	0.02	0.08	0.04	0.02	0.00	0.07	0.31								
2210	0.26	0.07	0.62	0.20	0.02	0.00	0.22	1.39								
2215	0.21	0.06	0.62	0.20	0.02	0.00	0.17	1.28								
2225	10.62	4.28	5.02	1.41	0.00	0.00	10.03	31.36								
2230	18.86	7.59	7.35	2.06	0.00	0.00	17.80	53.66								
2235	33.33	13.41	8.83	2.47	0.00	0.00	31.45	89.49								
2245	2.16	0.88	5.36	1.72	0.04	0.01	2.04	12.21								
2250	10.00	4.03	3.53	0.99	0.00	0.00	9.44	27.99								
2260	2.63	0.80	0.62	0.17	0.07	0.01	2.27	6.57								
2265	3.02	0.91	1.04	0.29	0.07	0.01	2.61	7.95								

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
2270	0.86	0.26	0.00	0.19	0.04	0.01	0.74	2.10								
2275	1.70	0.51	0.00	0.31	0.04	0.01	1.46	4.03								
2285	4.78	1.43	3.23	0.90	0.02	0.00	4.12	14.48								
2295	5.69	1.70	5.73	1.60	0.02	0.00	4.90	19.64								
2300	15.45	4.64	15.05	4.21	0.27	0.04	13.32	52.98								
2310	4.85	1.45	3.49	0.98	0.02	0.00	4.18	14.97								
2315	7.51	2.27	7.92	2.22	0.15	0.02	6.48	26.57								
2320	7.72	2.33	7.92	2.22	0.15	0.02	6.66	27.02								
2325	10.31	3.08	9.22	2.58	0.07	0.01	8.88	34.15								
2330	13.25	3.96	15.62	4.37	0.07	0.01	11.41	48.69								
2335	15.74	4.79	12.54	3.51	0.66	0.10	13.60	50.94								
2340	22.74	6.87	12.54	3.51	0.68	0.10	19.63	66.07								
2345	27.86	8.43	17.13	4.80	0.93	0.14	24.05	83.34								
2355	0.17	0.05	0.91	0.29	0.00	0.00	0.15	1.57								
2360	0.21	0.07	1.36	0.44	0.00	0.00	0.19	2.27								
2365	0.21	0.07	1.59	0.51	0.00	0.00	0.19	2.57								
2370	0.46	0.15	1.59	0.51	0.00	0.00	0.42	3.13								
2375	0.58	0.19	2.05	0.66	0.00	0.00	0.54	4.02								
2380	0.66	0.22	3.41	1.09	0.00	0.00	0.61	5.99								
2385	0.97	0.32	3.98	1.27	0.00	0.00	0.89	7.43								
2390	1.30	0.42	7.39	2.37	0.00	0.00	1.19	12.67								
2400	13.58	6.40	2.59	0.83	0.00	0.00	9.70	33.10	16.29	6.50	3.29	1.05	0.00	0.00	13.30	40.43
2405	15.10	8.74	3.18	0.64	0.00	0.00	12.33	39.99	17.42	8.84	4.03	0.81	0.00	0.00	16.00	47.10
2410	15.19	8.80	2.54	0.51	0.00	0.00	10.08	37.12	17.53	8.89	3.29	0.66	0.00	0.00	12.52	42.89
2420	16.58	9.60	2.54	0.51	0.00	0.00	11.00	40.23	19.13	9.70	3.29	0.66	0.00	0.00	13.66	46.44
2430	17.31	10.03	2.79	0.56	0.00	0.00	11.49	42.18	19.98	10.13	3.60	0.72	0.00	0.00	14.27	48.70
2440	20.68	11.98	4.69	0.94	0.00	0.00	16.89	55.18	23.87	12.10	5.94	1.19	0.00	0.00	21.92	65.02
2445	20.25	11.73	3.75	0.75	0.00	0.00	13.43	49.91	23.36	11.85	4.84	0.97	0.00	0.00	16.69	57.71
2455	17.89	12.30	3.75	0.82	0.00	0.00	13.70	48.46	20.13	12.38	4.84	1.07	0.00	0.00	16.44	54.86
2465	21.94	15.08	3.75	0.82	0.00	0.00	16.80	58.39	24.68	15.18	4.84	1.07	0.00	0.00	20.16	65.93
2475	29.96	20.59	6.41	1.41	0.00	0.00	22.94	81.31	33.71	20.74	8.27	1.82	0.00	0.00	27.52	92.06
2485	31.34	21.53	6.41	1.41	0.00	0.00	23.99	84.68	35.25	21.69	8.27	1.82	0.00	0.00	28.79	95.82
2490	30.16	20.73	8.01	1.76	0.00	0.00	27.71	88.37	33.93	20.87	10.14	2.23	0.00	0.00	34.64	101.81
2500	33.93	23.31	6.41	1.41	0.00	0.00	25.97	91.03	38.17	23.48	8.27	1.82	0.00	0.00	31.17	102.91
2510	32.09	24.36	6.41	1.54	0.00	0.00	27.84	92.24	35.66	24.50	8.27	1.99	0.00	0.00	32.76	103.18
2520	33.74	25.62	6.41	1.54	0.00	0.00	29.27	96.58	37.49	25.76	8.27	1.99	0.00	0.00	34.44	107.95
2535	14.37	6.77	3.21	1.03	0.00	0.00	10.27	35.65	17.24	6.88	4.06	1.30	0.00	0.00	14.08	43.56
2540	11.75	6.80	2.57	0.51	0.00	0.00	7.79	29.42	13.55	6.87	3.32	0.66	0.00	0.00	9.68	34.08
2550	22.32	8.91	4.69	0.94	0.00	0.00	18.23	55.09	27.90	9.13	6.16	1.23	0.00	0.00	25.63	70.05
2555	16.59	9.61	4.02	0.80	0.00	0.00	13.55	44.57	19.15	9.71	5.09	1.02	0.00	0.00	17.59	52.56
2560	16.68	9.66	3.21	0.64	0.00	0.00	11.06	41.25	19.24	9.76	4.15	0.83	0.00	0.00	13.75	47.73
2570	31.82	12.70	5.79	1.16	0.00	0.00	25.99	77.46	39.78	13.01	7.61	1.52	0.00	0.00	36.54	98.46
2575	21.74	12.59	4.97	0.99	0.00	0.00	17.75	58.04	25.09	12.72	6.29	1.26	0.00	0.00	23.04	68.40
2585	37.94	17.87	6.67	1.47	0.00	0.00	34.85	98.80	45.53	18.17	8.77	1.93	0.00	0.00	46.47	120.87
2590	36.32	17.11	6.67	1.47	0.00	0.00	33.36	94.93	43.58	17.39	8.77	1.93	0.00	0.00	44.48	116.15
2595	25.01	17.18	5.72	1.26	0.00	0.00	22.97	72.14	28.13	17.31	7.24	1.59	0.00	0.00	28.71	82.98
2600	24.47	16.81	4.58	1.01	0.00	0.00	18.73	65.60	27.52	16.93	5.91	1.30	0.00	0.00	22.47	74.13
2610	30.80	21.17	5.42	1.19	0.00	0.00	23.58	82.16	34.65	21.32	7.01	1.54	0.00	0.00	28.29	92.81
2615	29.44	20.23	6.78	1.49	0.00	0.00	27.04	84.98	33.11	20.37	8.59	1.89	0.00	0.00	33.80	97.76
2625	45.71	21.54	8.01	1.76	0.00	0.00	41.99	119.01	54.85	21.89	10.52	2.32	0.00	0.00	55.99	145.57
2630	43.24	20.37	8.01	1.76	0.00	0.00	39.72	113.10	51.89	20.71	10.52	2.32	0.00	0.00	52.96	138.40
2635	27.33	18.78	6.86	1.51	0.00	0.00	25.11	79.59	30.75	18.91	8.69	1.91	0.00	0.00	31.38	91.64
2645	59.25	29.14	11.88	2.85	0.00	0.00	62.43	165.55	69.12	29.53	15.61	3.75	0.00	0.00	79.46	197.47
2650	32.03	24.32	10.18	2.44	0.00	0.00	32.70	101.67	35.59	24.46	12.90	3.10	0.00	0.00	39.96	116.01
2665	11.45	6.63	2.46	0.49	0.00	0.00	7.60	28.63	13.21	6.70	3.17	0.63	0.00	0.00	9.44	33.15

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
2675	15.10	10.37	3.68	0.81	0.00	0.00	11.56	41.52	16.98	10.45	4.76	1.05	0.00	0.00	13.87	47.11
2685	20.72	14.24	3.82	0.84	0.00	0.00	15.86	55.48	23.31	14.34	4.93	1.08	0.00	0.00	19.03	62.69
2695	31.24	21.47	5.47	1.20	0.00	0.00	23.91	83.29	35.14	21.62	7.06	1.55	0.00	0.00	28.70	94.07
2710	21.58	14.83	8.01	1.76	0.00	0.00	19.82	66.00	24.27	14.93	10.14	2.23	0.00	0.00	24.77	76.34
2715	23.70	16.28	6.41	1.41	0.00	0.00	18.14	65.94	26.66	16.40	8.27	1.82	0.00	0.00	21.77	74.92
2730	28.00	19.24	6.70	1.47	0.00	0.00	21.44	76.85	31.50	19.38	8.65	1.90	0.00	0.00	25.72	87.15
2740	36.29	24.94	10.04	2.21	0.00	0.00	33.34	106.82	40.83	25.12	12.72	2.80	0.00	0.00	41.67	123.14
2745	35.06	26.62	8.04	1.93	0.00	0.00	30.42	102.07	38.96	26.77	10.38	2.49	0.00	0.00	35.79	114.39
2755	51.74	39.28	15.29	3.67	0.00	0.00	44.89	154.87	57.49	39.51	19.75	4.74	0.00	0.00	52.81	174.30
2760	51.20	38.87	19.11	4.59	0.00	0.00	52.26	166.03	56.89	39.09	24.21	5.81	0.00	0.00	63.87	189.87
2775	15.40	8.92	6.64	1.33	0.00	0.00	12.58	44.87	17.77	9.01	8.41	1.68	0.00	0.00	16.33	53.20
2780	15.23	8.82	5.31	1.06	0.00	0.00	10.11	40.53	17.58	8.91	6.86	1.37	0.00	0.00	12.56	47.28
2790	38.21	15.25	8.56	1.71	0.00	0.00	31.20	94.93	47.76	15.62	11.25	2.25	0.00	0.00	43.88	120.76
2795	21.94	12.71	7.34	1.47	0.00	0.00	17.91	61.37	25.31	12.84	9.29	1.86	0.00	0.00	23.25	72.55
2800	21.58	12.50	5.87	1.17	0.00	0.00	14.32	55.44	24.90	12.63	7.58	1.52	0.00	0.00	17.79	64.42
2810	20.78	14.28	8.48	1.87	0.00	0.00	19.09	64.50	23.38	14.38	10.74	2.36	0.00	0.00	23.86	74.72
2815	20.48	14.07	6.79	1.49	0.00	0.00	15.68	58.51	23.04	14.17	8.76	1.93	0.00	0.00	18.81	66.71
2825	51.54	24.28	11.65	2.56	0.00	0.00	47.35	137.38	61.85	24.68	15.32	3.37	0.00	0.00	63.13	168.35
2830	29.82	20.49	9.99	2.20	0.00	0.00	27.40	89.90	33.55	20.64	12.65	2.78	0.00	0.00	34.25	103.87
2835	31.03	21.32	7.99	1.76	0.00	0.00	23.76	85.86	34.91	21.48	10.32	2.27	0.00	0.00	28.51	97.49
2845	28.71	21.79	12.72	3.05	0.00	0.00	29.30	95.57	31.90	21.92	16.12	3.87	0.00	0.00	35.81	109.62
2850	33.60	23.09	10.18	2.24	0.00	0.00	25.72	94.83	37.80	23.25	13.15	2.89	0.00	0.00	30.86	107.95
2865	16.90	9.79	3.91	0.78	0.00	0.00	13.80	45.18	19.50	9.89	4.95	0.99	0.00	0.00	17.91	53.24
2870	14.52	9.98	3.12	0.69	0.00	0.00	11.12	39.43	16.34	10.05	4.04	0.89	0.00	0.00	13.34	44.66
2880	21.12	12.23	5.52	1.10	0.00	0.00	17.25	57.22	24.37	12.36	7.00	1.40	0.00	0.00	22.39	67.52
2885	18.30	12.57	4.42	0.97	0.00	0.00	14.01	50.27	20.58	12.66	5.71	1.26	0.00	0.00	16.81	57.02
2890	21.21	14.58	6.58	1.45	0.00	0.00	19.49	63.31	23.86	14.68	8.34	1.83	0.00	0.00	24.36	73.07
2895	22.38	15.38	5.27	1.16	0.00	0.00	17.13	61.32	25.18	15.49	6.80	1.50	0.00	0.00	20.56	69.53
2900	59.27	45.00	8.44	2.02	0.00	0.00	51.42	166.15	65.86	45.25	10.90	2.62	0.00	0.00	60.50	185.13
2910	5.79	3.36	3.96	1.19	0.94	0.14	3.91	19.29								
2915	6.23	3.61	4.06	1.22	0.94	0.14	4.20	20.40								
2920	7.00	4.08	4.06	1.22	1.23	0.18	4.73	22.50								
2925	7.68	4.46	4.06	1.22	1.27	0.19	5.19	24.07								
2930	10.26	5.94	5.51	1.65	1.12	0.17	6.92	31.57								
2935	14.16	8.28	6.01	1.80	2.71	0.41	9.57	42.94								
2940	16.80	9.88	6.01	1.80	3.56	0.53	11.37	49.95								
2945	20.85	12.17	7.35	2.21	3.83	0.58	14.09	61.08								
2950	26.71	15.71	8.13	2.44	5.64	0.85	18.07	77.55								
2955	50.45	29.64	18.09	5.43	10.47	1.57	34.12	149.77								
2965	5.94	3.44	4.03	1.21	0.88	0.13	4.01	19.64								
2970	6.42	3.70	4.28	1.28	0.88	0.13	4.33	21.02								
2975	9.89	5.76	6.36	1.91	1.73	0.26	6.68	32.59								
2985	6.46	3.74	4.42	1.33	0.95	0.14	4.36	21.40								
2990	7.06	4.07	4.42	1.33	0.95	0.14	4.76	22.73								
2995	7.51	4.32	4.52	1.36	0.95	0.14	5.06	23.86								
3000	7.55	4.34	4.52	1.36	0.95	0.14	5.09	23.95								
3005	9.42	5.42	5.48	1.64	1.22	0.18	6.35	29.71								
3010	9.70	5.58	5.48	1.64	1.22	0.18	6.54	30.34								
3015	10.04	5.77	5.48	1.64	1.22	0.18	6.77	31.10								
3020	13.24	7.77	7.14	2.14	2.71	0.41	8.96	42.37								
3025	13.65	8.05	7.14	2.14	3.03	0.45	9.24	43.70								
3030	14.18	8.34	7.14	2.14	3.03	0.45	9.60	44.88								
3035	18.29	10.75	8.30	2.49	3.83	0.58	12.38	56.62								
3045	5.26	2.99	4.17	1.25	0.45	0.07	3.54	17.73								
3050	5.41	3.09	4.17	1.25	0.55	0.08	3.64	18.19								

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
3055	5.64	3.22	4.17	1.25	0.55	0.08	3.80	18.71								
3060	6.44	3.73	4.17	1.25	0.95	0.14	4.35	21.03								
3065	10.64	6.22	6.22	1.87	2.03	0.30	7.19	34.47								
3070	11.66	6.90	6.22	1.87	2.71	0.41	7.90	37.67								
3075	14.56	8.51	6.64	1.99	2.71	0.41	9.84	44.66								
3085	9.75	6.21	6.21	1.61	0.86	0.13	5.62	30.39	10.96	6.26	7.93	2.06	1.04	0.16	6.85	35.26
3090	17.04	10.78	8.79	2.29	1.13	0.17	9.82	50.02	19.17	10.87	11.29	2.94	1.37	0.21	11.97	57.82
3100	11.26	6.01	6.08	2.19	0.56	0.08	5.41	31.59	13.00	6.07	8.00	2.88	0.69	0.10	6.87	37.61
3105	11.29	7.20	7.17	1.87	1.06	0.16	6.52	35.27	12.71	7.26	9.44	2.45	1.30	0.19	7.94	41.29
3110	14.12	8.96	7.53	1.96	1.08	0.16	8.14	41.95	15.88	9.03	9.90	2.58	1.32	0.20	9.92	48.83
3115	18.57	13.22	8.98	2.34	2.77	0.42	12.52	58.82	20.63	13.30	11.52	2.99	3.42	0.51	14.91	67.28
3120	28.92	20.31	9.35	2.43	2.77	0.42	19.46	83.66	32.13	20.44	11.94	3.10	3.42	0.51	23.17	94.71
3125	28.96	24.68	14.21	3.69	3.19	0.48	23.77	98.98	31.85	24.79	18.25	4.75	3.94	0.59	27.78	111.95
3135	10.36	5.55	7.63	2.75	0.66	0.10	4.98	32.03	11.95	5.61	10.04	3.62	0.82	0.12	6.32	38.48
3140	9.80	6.21	7.63	1.98	0.66	0.10	5.65	32.03	11.03	6.25	10.04	2.61	0.82	0.12	6.89	37.76
3145	14.51	9.20	8.41	2.19	1.05	0.16	8.36	43.88	16.32	9.27	11.07	2.88	1.27	0.19	10.19	51.19
3155	11.09	5.92	7.42	2.67	0.59	0.09	5.33	33.11	12.80	5.99	9.76	3.52	0.72	0.11	6.76	39.66
3160	11.75	7.48	8.62	2.24	1.03	0.15	6.78	38.05	13.21	7.54	11.35	2.95	1.26	0.19	8.26	44.76
3165	12.75	8.10	8.41	2.19	1.03	0.15	7.35	39.98	14.34	8.16	11.07	2.88	1.26	0.19	8.96	46.86
3170	14.33	10.12	11.38	2.96	1.73	0.26	9.65	50.43	15.92	10.19	14.97	3.89	2.14	0.32	11.49	58.92
3180	19.45	12.40	5.89	1.53	1.85	0.28	11.23	52.63	21.88	12.50	7.48	1.94	2.28	0.34	13.68	60.10
3185	17.85	12.57	5.89	1.53	1.85	0.28	12.02	51.99	19.84	12.64	7.48	1.94	2.28	0.34	14.31	58.83
3190	22.06	15.45	9.29	2.42	1.85	0.28	14.84	66.19	24.52	15.55	11.97	3.11	2.28	0.34	17.67	75.44
3195	23.66	16.62	10.22	2.66	2.25	0.34	15.93	71.68	26.29	16.73	13.04	3.39	2.78	0.42	18.96	81.61
3200	29.10	24.61	12.16	3.16	2.25	0.34	23.85	95.47	32.01	24.73	15.60	4.06	2.78	0.42	27.87	107.47
3205	40.68	34.70	13.31	3.46	4.66	0.70	33.40	130.91	44.75	34.86	16.94	4.40	5.75	0.86	39.03	146.59
3215	16.91	10.83	5.72	1.49	1.85	0.28	9.77	46.85	19.02	10.91	7.25	1.88	2.28	0.34	11.90	53.58
3220	22.78	15.98	8.27	2.15	2.02	0.30	15.33	66.83	25.31	16.08	10.52	2.74	2.49	0.37	18.25	75.76
3225	22.80	19.38	8.49	2.21	2.25	0.34	18.70	74.17	25.08	19.47	10.80	2.81	2.78	0.42	21.86	83.22
3235	20.84	14.64	9.49	2.47	2.02	0.30	14.03	63.79	23.16	14.74	12.18	3.17	2.49	0.37	16.70	72.81
3240	21.67	18.46	10.00	2.60	2.30	0.35	17.79	73.17	23.84	18.55	12.83	3.34	2.82	0.42	20.79	82.59
3250	14.22	7.58	4.39	1.58	0.76	0.11	6.83	35.47	16.41	7.67	5.56	2.00	0.95	0.14	8.67	41.40
3255	13.21	8.36	4.65	1.21	0.89	0.13	7.62	36.07	14.86	8.43	5.88	1.53	1.10	0.16	9.28	41.24
3260	14.80	9.39	4.93	1.28	1.16	0.17	8.53	40.26	16.64	9.47	6.23	1.62	1.43	0.21	10.40	46.00
3265	18.97	12.11	6.58	1.71	1.85	0.28	10.95	52.45	21.34	12.20	8.39	2.18	2.28	0.34	13.35	60.08
3270	21.39	15.06	8.34	2.17	2.25	0.34	14.40	63.95	23.76	15.15	10.58	2.75	2.78	0.42	17.14	72.58
3275	24.01	20.38	10.11	2.63	2.25	0.34	19.69	79.41	26.41	20.48	12.90	3.35	2.78	0.42	23.01	89.35
3280	51.26	43.27	16.32	4.24	3.47	0.52	41.99	161.07	56.39	43.47	20.96	5.45	4.28	0.64	49.08	180.27
3290	10.84	9.20	5.94	8.04	0.00	0.00	10.18	44.20								
3295	0.46	0.39	0.00	0.00	0.00	0.00	0.44	1.29								
3300	1.73	1.47	0.00	0.00	0.00	0.00	1.63	4.83								
3305	13.64	11.58	10.39	10.27	0.00	0.00	12.81	58.69								
3310	0.46	0.39	0.00	0.00	0.00	0.00	0.44	1.29								
3315	1.73	1.47	0.00	0.00	0.00	0.00	1.63	4.83								
3320	16.70	14.17	10.39	10.27	0.00	0.00	15.69	67.22								
3325	0.58	0.50	0.00	0.00	0.00	0.00	0.55	1.63								
3330	1.78	1.51	0.00	0.00	0.00	0.00	1.67	4.96								
3335	19.34	16.42	16.33	13.24	0.00	0.00	18.17	83.50								
3340	0.62	0.53	0.00	0.00	0.00	0.00	0.58	1.73								
3345	3.41	2.89	0.00	0.00	0.00	0.00	3.20	9.50								
3350	20.49	17.39	16.33	13.24	0.00	0.00	19.25	86.70								
3355	0.58	0.50	0.00	0.00	0.00	0.00	0.55	1.63								
3360	3.58	3.04	0.00	0.00	0.00	0.00	3.36	9.98								
3370	5.74	2.27	0.00	0.79	0.00	0.00	5.16	13.96								
3375	5.43	2.15	0.00	0.79	0.00	0.00	4.88	13.25								

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
3380	5.96	2.36	0.00	0.79	0.00	0.00	5.36	14.47								
3385	7.08	2.81	0.00	0.84	0.00	0.00	6.37	17.10								
3390	7.99	3.17	0.00	0.89	0.00	0.00	7.19	19.24								
3400	6.38	2.53	0.00	0.79	0.00	0.00	5.74	15.44								
3405	6.96	2.76	0.00	0.84	0.00	0.00	6.26	16.82								
3410	9.60	3.81	4.37	1.05	0.00	0.00	8.63	27.46								
3420	3.16	1.25	0.00	0.50	0.00	0.00	2.84	7.75								
3425	5.58	2.21	0.00	0.80	0.00	0.00	5.02	13.61								
3430	6.57	2.60	0.00	0.80	0.00	0.00	5.91	15.88								
3435	8.12	3.22	0.00	0.90	0.00	0.00	7.30	19.54								
3440	17.47	6.92	7.21	1.73	0.00	0.00	15.70	49.03								
3450	1.43	0.57	0.00	0.31	0.00	0.00	1.29	3.60								
3455	0.92	0.36	0.00	0.31	0.00	0.00	0.83	2.42								
3460	0.14	0.05	0.00	0.25	0.00	0.00	0.12	0.56								
3470	2.42	0.96	1.92	0.46	0.00	0.00	2.17	7.93								
3475	1.65	0.65	0.87	0.21	0.00	0.00	1.48	4.86								
3485	1.37	0.54	1.21	0.19	0.00	0.00	1.23	4.54								
3490	2.08	0.82	3.14	0.50	0.00	0.00	1.87	8.41								
3495	2.48	0.98	1.75	0.42	0.00	0.00	2.23	7.86								
3500	2.85	1.13	2.36	0.57	0.00	0.00	2.56	9.47								
3505	3.42	1.36	2.62	0.63	0.00	0.00	3.08	11.11								
3515	1.44	0.57	1.82	0.29	0.00	0.00	1.29	5.41								
3520	2.23	0.88	2.14	0.51	0.00	0.00	2.00	7.76								
3530	13.26	7.63	9.18	3.49	0.00	0.00	11.93	45.49								
3535	17.19	10.04	13.29	5.05	1.39	0.21	15.50	62.67								
3540	16.02	9.32	19.01	7.23	0.99	0.15	14.44	67.16								
3550	17.66	10.30	16.37	6.22	1.25	0.19	15.92	67.91								
3555	25.66	14.99	14.64	5.56	1.99	0.30	23.15	86.29								
3560	29.08	16.95	15.30	5.81	1.99	0.30	26.22	95.65								
3565	21.52	12.38	17.92	6.81	0.00	0.00	19.35	77.98								
3570	24.97	14.36	17.92	6.81	0.00	0.00	22.45	86.51								
3575	25.90	19.52	22.90	7.33	0.00	0.00	23.28	98.93								
3580	47.55	35.85	100.37	50.19	0.00	0.00	21.38	255.34								
3600	1.31	0.53	1.78	0.80	0.06	0.01	0.94	5.43								
3605	1.31	0.53	1.78	0.80	0.06	0.01	0.94	5.43								
3610	1.37	0.56	1.78	0.80	0.08	0.01	0.98	5.58								
3615	1.90	0.78	3.17	1.43	0.09	0.01	1.36	8.74								
3620	1.94	0.79	3.17	1.43	0.09	0.01	1.39	8.82								
3625	2.14	0.87	4.65	2.09	0.09	0.01	1.53	11.38								
3630	2.64	1.08	5.25	2.36	0.14	0.02	1.89	13.38								
3635	2.77	1.13	5.25	2.36	0.12	0.02	1.99	13.64								
3640	2.95	1.19	5.25	2.36	0.09	0.01	2.11	13.96								
3645	1.26	0.51	3.05	0.73	0.03	0.00	0.90	6.48								
3650	1.64	0.68	3.96	0.95	0.12	0.02	1.18	8.55								
3655	1.63	0.69	3.96	0.95	0.22	0.03	1.18	8.66								
3660	2.33	0.96	5.20	1.25	0.15	0.02	1.67	11.58								
3665	2.36	0.97	5.20	1.25	0.15	0.02	1.69	11.64								
3670	2.46	1.01	5.20	1.25	0.15	0.02	1.76	11.85								
3675	3.53	1.45	2.33	0.56	0.23	0.03	2.53	10.66								
3680	3.81	1.56	2.47	0.59	0.23	0.03	2.73	11.42								
3685	4.94	2.07	4.42	1.06	0.50	0.07	3.56	16.62								
3690	5.41	2.26	4.42	1.06	0.50	0.07	3.89	17.61								
3695	5.56	2.32	4.42	1.06	0.50	0.08	4.00	17.94								
3700	6.20	2.60	4.42	1.06	0.65	0.10	4.47	19.50								
3705	2.17	0.91	2.40	0.58	0.21	0.03	1.57	7.87								

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
3710	2.23	0.93	2.40	0.58	0.21	0.03	1.61	7.99								
3715	2.72	1.13	2.40	0.58	0.21	0.03	1.95	9.02								
3720	2.74	1.17	2.40	0.58	0.39	0.06	1.98	9.32								
3730	1.25	0.53	5.20	1.25	0.14	0.02	0.90	9.29								
3735	1.83	0.76	6.60	1.58	0.15	0.02	1.32	12.26								
3740	3.66	1.50	9.57	2.30	0.19	0.03	2.62	19.87								
3745	4.88	2.04	10.48	2.51	0.51	0.08	3.52	24.02								
3750	5.73	2.39	10.48	2.51	0.51	0.08	4.13	25.83								
3755	5.72	2.40	10.48	2.51	0.59	0.09	4.12	25.91								
3760	6.24	2.59	10.48	2.51	0.50	0.08	4.49	26.89								
3765	12.82	5.32	15.67	3.76	1.04	0.16	9.22	47.99								
3780	1.79	0.54	5.23	1.26	0.00	0.00	1.05	9.87	2.05	0.55	6.88	1.65	0.00	0.00	1.40	12.53
3785	2.35	0.70	6.61	1.59	0.00	0.00	1.38	12.63	2.68	0.72	8.70	2.09	0.00	0.00	1.83	16.02
3790	2.53	0.76	7.77	1.87	0.00	0.00	1.48	14.41	2.89	0.77	10.23	2.46	0.00	0.00	1.98	18.33
3795	2.72	0.81	10.25	2.46	0.00	0.00	1.59	17.83	3.11	0.83	13.48	3.24	0.00	0.00	2.12	22.78
3800	3.11	0.93	13.08	3.14	0.00	0.00	1.82	22.08	3.56	0.95	17.20	4.13	0.00	0.00	2.43	28.27
3805	3.70	1.11	13.08	3.14	0.00	0.00	2.16	23.19	4.22	1.13	17.20	4.13	0.00	0.00	2.89	29.57
3810	4.12	1.23	15.90	3.82	0.00	0.00	2.41	27.48	4.71	1.26	20.92	5.02	0.00	0.00	3.22	35.13
3815	4.98	1.49	17.67	4.24	0.00	0.00	2.92	31.30	5.69	1.52	23.25	5.58	0.00	0.00	3.89	39.93
3820	6.76	2.02	22.97	5.51	0.00	0.00	3.96	41.22	7.72	2.06	30.22	7.25	0.00	0.00	5.27	52.52
3825	9.01	2.69	29.86	7.17	0.00	0.00	5.27	54.00	10.30	2.74	39.29	9.43	0.00	0.00	7.03	68.79
3830	12.26	3.67	44.17	10.60	0.00	0.00	7.18	77.38	14.01	3.73	58.12	13.95	0.00	0.00	9.57	99.38
3835	16.09	4.81	51.24	12.30	0.00	0.00	9.42	93.36	18.39	4.90	67.42	16.18	0.00	0.00	12.56	119.45
3845	0.09	0.03	0.41	0.10	0.00	0.00	0.05	0.68	0.10	0.03	0.54	0.13	0.00	0.00	0.07	0.87
3850	0.14	0.04	0.66	0.16	0.00	0.00	0.08	1.08	0.16	0.04	0.86	0.21	0.00	0.00	0.11	1.38
3855	0.18	0.05	0.99	0.24	0.00	0.00	0.11	1.57	0.21	0.05	1.29	0.31	0.00	0.00	0.14	2.00
3870	0.16	0.05	0.49	0.12	0.00	0.00	0.09	0.91	0.18	0.05	0.64	0.15	0.00	0.00	0.12	1.14
3875	0.36	0.11	1.15	0.28	0.00	0.00	0.21	2.11	0.41	0.11	1.50	0.36	0.00	0.00	0.28	2.66
3880	0.39	0.12	1.65	0.40	0.00	0.00	0.23	2.79	0.45	0.12	2.15	0.52	0.00	0.00	0.31	3.55
3885	0.41	0.12	0.21	0.05	0.00	0.00	0.24	1.03	0.47	0.13	0.28	0.07	0.00	0.00	0.32	1.27
3890	0.55	0.16	0.42	0.10	0.00	0.00	0.32	1.55	0.63	0.17	0.56	0.13	0.00	0.00	0.43	1.92
3895	0.79	0.24	0.78	0.19	0.00	0.00	0.46	2.46	0.90	0.24	1.02	0.25	0.00	0.00	0.62	3.03
3900	0.81	0.24	0.95	0.23	0.00	0.00	0.48	2.71	0.93	0.25	1.26	0.30	0.00	0.00	0.64	3.38
3905	1.21	0.36	2.23	0.53	0.00	0.00	0.71	5.04	1.38	0.37	2.93	0.70	0.00	0.00	0.94	6.32
3910	1.60	0.48	3.07	0.74	0.00	0.00	0.93	6.82	1.82	0.49	4.05	0.97	0.00	0.00	1.25	8.58
3915	1.83	0.55	3.60	0.87	0.00	0.00	1.07	7.92	2.10	0.56	4.74	1.14	0.00	0.00	1.43	9.97
3920	2.18	0.65	5.73	1.37	0.00	0.00	1.28	11.21	2.49	0.66	7.53	1.81	0.00	0.00	1.70	14.19
3925	2.28	0.68	5.73	1.37	0.00	0.00	1.34	11.40	2.61	0.70	7.53	1.81	0.00	0.00	1.78	14.43
3930	2.65	0.79	7.42	1.78	0.00	0.00	1.55	14.19	3.03	0.81	9.76	2.34	0.00	0.00	2.07	18.01
3935	3.14	0.94	9.75	2.34	0.00	0.00	1.84	18.01	3.59	0.96	12.83	3.08	0.00	0.00	2.45	22.91
3945	0.10	0.03	0.41	0.10	0.00	0.00	0.06	0.70	0.11	0.03	0.54	0.13	0.00	0.00	0.08	0.89
3950	0.11	0.03	0.58	0.14	0.00	0.00	0.06	0.92	0.12	0.03	0.75	0.18	0.00	0.00	0.08	1.16
3955	0.15	0.05	0.66	0.16	0.00	0.00	0.09	1.11	0.17	0.05	0.86	0.21	0.00	0.00	0.12	1.41
3960	0.19	0.06	0.82	0.20	0.00	0.00	0.11	1.38	0.22	0.06	1.07	0.26	0.00	0.00	0.15	1.76
3965	0.20	0.06	1.32	0.32	0.00	0.00	0.12	2.02	0.23	0.06	1.72	0.41	0.00	0.00	0.16	2.58
3970	0.19	0.06	1.32	0.32	0.00	0.00	0.11	2.00	0.22	0.06	1.72	0.41	0.00	0.00	0.15	2.56
3985	6.46	3.48	4.07	1.38	0.45	0.07	4.32	20.23	7.76	3.53	5.35	1.82	0.61	0.09	6.04	25.20
3990	7.44	3.99	4.39	1.49	0.45	0.07	4.96	22.79	8.93	4.05	5.78	1.96	0.61	0.09	6.95	28.37
3995	8.01	4.29	4.39	1.49	0.50	0.07	5.34	24.09	9.61	4.36	5.78	1.96	0.67	0.10	7.48	29.96
4000	8.12	4.37	4.88	1.66	0.58	0.09	5.42	25.[illegible]2	9.74	4.43	6.42	2.18	0.78	0.12	7.59	31.26
4005	11.25	6.15	5.86	1.99	1.26	0.19	7.55	34.26	13.51	6.24	7.70	2.62	1.71	0.26	10.57	42.61
4010	16.10	8.83	8.14	2.77	1.97	0.30	10.81	48.92	19.32	8.96	10.69	3.64	2.67	0.40	15.13	60.81
4020	6.17	3.34	4.39	1.49	0.55	0.08	4.13	20.[illegible]5	7.40	3.39	5.78	1.96	0.74	0.11	5.78	25.16
4025	7.37	3.99	4.95	1.68	0.63	0.09	4.93	23.64	8.85	4.05	6.50	2.21	0.85	0.13	6.90	29.49
4030	7.60	4.10	5.86	1.99	0.63	0.09	5.08	25.35	9.12	4.17	7.70	2.62	0.85	0.13	7.11	31.70

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
4035	8.36	4.50	6.84	2.32	0.63	0.09	5.59	28.33	10.04	4.57	8.98	3.05	0.85	0.13	7.82	35.44
4040	5.79	3.14	4.39	1.49	0.55	0.08	3.88	19.32	6.95	3.19	5.78	1.96	0.74	0.11	5.43	24.16
4045	6.39	3.47	4.95	1.68	0.63	0.09	4.28	21.49	7.67	3.53	6.50	2.21	0.85	0.13	5.99	26.88
4050	6.92	3.75	5.86	1.99	0.63	0.09	4.63	23.87	8.31	3.81	7.70	2.62	0.85	0.13	6.49	29.91
4055	7.87	4.25	6.84	2.32	0.63	0.09	5.26	27.26	9.45	4.31	8.98	3.05	0.85	0.13	7.37	34.14
4060	8.79	4.86	6.84	2.32	1.26	0.19	5.91	30.17	10.55	4.93	8.98	3.05	1.71	0.26	8.28	37.76
4070	3.47	1.87	2.21	0.75	0.25	0.04	2.32	10.91	4.17	1.90	2.91	0.99	0.34	0.05	3.25	13.61
4075	5.38	2.92	4.23	1.44	0.50	0.07	3.60	18.14	6.46	2.96	5.56	1.89	0.67	0.10	5.04	22.68
4080	5.77	3.14	4.72	1.60	0.58	0.09	3.86	19.76	6.92	3.18	6.20	2.11	0.78	0.12	5.41	24.72
4085	6.09	3.36	5.21	1.77	0.84	0.13	4.09	21.49	7.31	3.41	6.84	2.33	1.14	0.17	5.73	26.93
4095	2.91	1.56	5.18	1.04	0.18	0.03	1.94	12.84	3.50	1.59	6.71	1.34	0.24	0.04	2.72	16.14
4100	6.17	3.32	4.72	1.60	0.45	0.07	4.12	20.45	7.41	3.37	6.20	2.11	0.61	0.09	5.77	25.56
4105	8.31	4.46	5.70	1.94	0.58	0.09	5.55	26.63	9.97	4.53	7.49	2.55	0.78	0.12	7.76	33.20
4110	8.62	4.63	6.41	2.18	0.58	0.09	5.75	28.26	10.34	4.70	8.43	2.87	0.78	0.12	8.05	35.29
4120	0.49	0.20	0.00	0.10	0.00	0.00	0.40	1.19								
4125	0.79	0.31	0.00	0.19	0.00	0.00	0.64	1.93								
4130	0.95	0.38	0.00	0.30	0.00	0.00	0.78	2.41								
4135	2.46	0.98	0.00	0.41	0.00	0.00	2.01	5.86								
4145	5.79	2.31	3.53	0.85	0.00	0.00	4.72	17.20								
4150	7.82	3.12	3.53	0.85	0.00	0.00	6.38	21.70								
4155	12.04	4.80	4.59	1.10	0.00	0.00	9.81	32.34								
4160	13.40	5.35	5.30	1.27	0.00	0.00	10.92	36.24								
4180	13.25	5.29	5.21	1.04	0.00	0.00	10.82	35.61	16.57	5.42	6.84	1.37	0.00	0.00	15.22	45.42
4185	19.07	7.61	7.65	1.53	0.00	0.00	15.57	51.43	23.84	7.80	10.05	2.01	0.00	0.00	21.90	65.60
4190	23.08	9.21	10.03	2.01	0.00	0.00	18.85	63.18	28.85	9.44	13.18	2.64	0.00	0.00	26.51	80.62
4195	40.12	18.90	20.05	4.41	0.00	0.00	36.86	120.34	48.15	19.22	26.35	5.80	0.00	0.00	49.14	148.66
4205	17.25	6.22	5.73	2.18	0.00	0.00	13.19	44.57	23.00	6.44	7.53	2.86	0.00	0.00	20.10	59.93
4210	20.44	8.16	6.67	1.33	0.00	0.00	16.69	53.29	25.56	8.36	8.77	1.75	0.00	0.00	23.48	67.92
4215	25.80	10.30	8.07	1.61	0.00	0.00	21.07	66.85	32.26	10.55	10.61	2.12	0.00	0.00	29.63	85.17
4220	35.98	16.95	12.76	2.81	0.00	0.00	33.06	101.56	43.18	17.23	16.77	3.69	0.00	0.00	44.07	124.94
4230	10.17	3.67	3.74	1.42	0.00	0.00	7.78	26.78	13.57	3.80	4.92	1.87	0.00	0.00	11.85	36.01
4235	12.56	4.53	5.37	2.04	0.00	0.00	9.60	34.10	16.74	4.69	7.06	2.68	0.00	0.00	14.63	45.80
4240	12.46	4.97	6.51	1.30	0.00	0.00	10.17	35.41	15.57	5.09	8.56	1.71	0.00	0.00	14.31	45.24
4250	11.17	4.03	3.42	1.30	0.00	0.00	8.54	28.46	14.89	4.17	4.49	1.71	0.00	0.00	13.01	38.27
4255	15.05	5.43	4.39	1.67	0.00	0.00	11.51	38.05	20.07	5.62	5.78	2.19	0.00	0.00	17.54	51.20
4260	23.75	9.48	6.35	1.27	0.00	0.00	19.39	60.24	29.59	9.71	8.34	1.67	0.00	0.00	27.27	76.68
4265	36.93	14.74	10.58	2.12	0.00	0.00	30.15	94.52	46.16	15.10	13.90	2.78	0.00	0.00	42.40	120.34
4280	15.06	5.43	3.74	1.42	0.00	0.00	11.51	37.16	20.08	5.62	4.92	1.87	0.00	0.00	17.54	50.03
4285	15.77	5.68	4.72	1.79	0.00	0.00	12.05	40.01	21.02	5.89	6.20	2.36	0.00	0.00	18.37	53.84
4290	18.80	6.78	4.72	1.79	0.00	0.00	14.38	46.47	25.07	7.02	6.20	2.36	0.00	0.00	21.91	62.56
4295	21.81	8.70	8.85	1.77	0.00	0.00	17.81	58.94	27.26	8.92	11.64	2.33	0.00	0.00	25.04	75.19
4310	12.28	4.90	5.86	1.17	0.00	0.00	10.03	34.24	15.35	5.02	7.70	1.54	0.00	0.00	14.10	43.71
4315	22.25	8.88	9.44	1.89	0.00	0.00	18.16	60.62	27.81	9.09	12.41	2.48	0.00	0.00	25.54	77.33
4320	26.05	12.27	12.69	2.79	0.00	0.00	23.93	77.73	31.26	12.47	16.68	3.67	0.00	0.00	31.90	95.98
4330	7.02	2.53	2.44	0.93	0.00	0.00	5.37	18.29	9.36	2.62	3.21	1.22	0.00	0.00	8.18	24.59
4335	10.00	3.61	4.07	1.55	0.00	0.00	7.65	26.88	13.34	3.74	5.35	2.03	0.00	0.00	11.65	36.11
4340	12.97	4.68	5.05	1.92	0.00	0.00	9.92	34.54	17.30	4.84	6.63	2.52	0.00	0.00	15.11	46.40
4345	18.42	7.35	6.84	1.37	0.00	0.00	15.04	49.02	23.03	7.53	8.98	1.80	0.00	0.00	21.15	62.49
4350	20.75	8.28	8.46	1.69	0.00	0.00	16.94	56.12	25.94	8.48	11.12	2.22	0.00	0.00	23.83	71.59
4360	11.28	4.07	3.52	1.34	0.00	0.00	8.62	28.83	15.04	4.21	4.62	1.76	0.00	0.00	13.14	38.77
4365	12.85	5.13	4.65	0.93	0.00	0.00	10.49	34.05	16.06	5.25	6.12	1.22	0.00	0.00	14.76	43.41
4370	15.49	6.18	6.84	1.37	0.00	0.00	12.65	42.53	19.36	6.33	8.98	1.80	0.00	0.00	17.79	54.26
4375	22.60	9.02	7.81	1.56	0.00	0.00	18.45	59.44	28.25	9.24	10.27	2.05	0.00	0.00	25.95	75.76
4380	28.15	11.23	9.99	2.00	0.00	0.00	22.98	74.35	35.18	11.51	13.13	2.63	0.00	0.00	32.32	94.77
4385	30.13	14.20	10.81	2.38	0.00	0.00	27.68	85.20	36.16	14.43	14.20	3.12	0.00	0.00	36.91	104.82

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
4390	37.45	17.64	13.67	3.01	0.00	0.00	34.40	106.17	44.94	17.94	17.97	3.95	0.00	0.00	45.87	130.67
4395	41.73	19.66	15.10	3.32	0.00	0.00	38.34	118.15	50.08	19.99	19.85	4.37	0.00	0.00	51.12	145.41
4400	55.43	27.26	21.61	5.19	0.00	0.00	58.41	167.90	64.67	27.62	28.41	6.82	0.00	0.00	74.34	201.86
4405	64.68	31.81	27.08	6.50	0.00	0.00	68.16	198.23	75.46	32.23	35.59	8.54	0.00	0.00	86.75	238.57
4415	7.10	2.56	2.93	1.11	0.00	0.00	5.43	19.13	9.46	2.65	3.85	1.46	0.00	0.00	8.27	25.69
4420	9.44	3.77	3.42	0.68	0.00	0.00	7.71	25.02	11.80	3.86	4.49	0.90	0.00	0.00	10.84	31.89
4425	12.10	4.83	4.43	0.89	0.00	0.00	9.88	32.13	15.13	4.95	5.82	1.16	0.00	0.00	13.90	40.96
4430	14.99	5.98	5.86	1.17	0.00	0.00	12.24	40.24	18.74	6.13	7.70	1.54	0.00	0.00	17.22	51.33
4435	35.79	14.28	13.35	2.67	0.00	0.00	29.22	95.31	44.73	14.63	17.54	3.51	0.00	0.00	41.09	121.50
4445	12.11	4.83	4.95	0.99	0.00	0.00	9.89	32.77	15.14	4.95	6.50	1.30	0.00	0.00	13.91	41.80
4450	19.64	7.84	7.42	1.48	0.00	0.00	16.04	52.42	24.56	8.03	9.75	1.95	0.00	0.00	22.56	66.85
4455	24.40	9.74	9.90	1.98	0.00	0.00	19.92	65.94	30.49	9.97	13.01	2.60	0.00	0.00	28.01	84.08
4465	10.36	5.53	7.75	2.84	0.56	0.08	4.98	32.10	11.95	5.59	10.15	3.72	0.69	0.10	6.31	38.51
4470	12.58	6.72	6.74	2.43	0.76	0.11	6.04	35.38	14.51	6.80	8.62	3.10	0.95	0.14	7.67	41.79
4475	13.73	8.71	12.01	3.12	1.02	0.15	7.92	46.66	15.45	8.78	15.44	4.02	1.26	0.19	9.65	54.79
4485	1.53	0.60	0.00	0.11	0.00	0.00	1.20	3.44	1.91	0.62	0.00	0.11	0.00	0.00	1.69	4.33
4490	2.01	0.79	0.00	0.13	0.00	0.00	1.58	4.51	2.52	0.81	0.00	0.13	0.00	0.00	2.22	5.68
4495	2.99	1.18	0.00	0.17	0.00	0.00	2.34	6.68	3.73	1.21	0.00	0.17	0.00	0.00	3.29	8.40
4500	1.53	0.60	0.00	0.24	0.00	0.00	1.20	3.57	1.91	0.62	0.00	0.24	0.00	0.00	1.69	4.46
4510	1.26	0.47	0.70	0.17	0.07	0.01	2.09	4.77								
4520	0.99	0.37	0.28	0.07	0.07	0.01	1.64	3.43								
4525	1.32	0.49	0.56	0.13	0.07	0.01	2.18	4.76								
4530	1.57	0.58	0.70	0.17	0.07	0.01	2.58	5.68								
4540	2.10	1.00	0.99	0.28	0.84	0.13	2.11	7.45	2.63	1.03	1.30	0.36	1.31	0.20	2.93	9.76
4550	0.42	0.18	0.00	0.00	0.00	0.00	0.41	1.01	0.52	0.19	0.00	0.00	0.00	0.00	0.57	1.28
4555	0.51	0.23	0.00	0.00	0.00	0.00	0.50	1.24	0.64	0.23	0.00	0.00	0.00	0.00	0.70	1.57
4560	0.10	0.04	0.00	0.00	0.00	0.00	0.10	0.24	0.12	0.04	0.00	0.00	0.00	0.00	0.13	0.29
4565	0.48	0.21	0.00	0.00	0.00	0.00	0.47	1.16	0.60	0.22	0.00	0.00	0.00	0.00	0.65	1.47
4570	0.41	0.18	0.00	0.00	0.00	0.00	0.40	0.99	0.51	0.18	0.00	0.00	0.00	0.00	0.55	1.24
4575	0.50	0.22	0.00	0.00	0.00	0.00	0.49	1.21	0.62	0.22	0.00	0.00	0.00	0.00	0.68	1.52
4580	0.72	0.32	0.00	0.00	0.00	0.00	0.70	1.74	0.90	0.32	0.00	0.00	0.00	0.00	0.98	2.20
4585	0.07	0.03	0.00	0.00	0.00	0.00	0.07	0.17	0.08	0.03	0.00	0.00	0.00	0.00	0.09	0.20
4590	2.26	1.09	1.48	0.42	1.02	0.15	2.27	8.69	2.83	1.11	1.95	0.55	1.61	0.24	3.16	11.45
4600	0.50	0.22	0.00	0.00	0.00	0.00	0.49	1.21	0.62	0.22	0.00	0.00	0.00	0.00	0.68	1.52
4605	0.54	0.24	0.00	0.00	0.00	0.00	0.53	1.31	0.68	0.25	0.00	0.00	0.00	0.00	0.74	1.67
4610	0.10	0.04	0.00	0.00	0.00	0.00	0.10	0.24	0.12	0.04	0.00	0.00	0.00	0.00	0.13	0.29
4615	0.48	0.21	0.00	0.00	0.00	0.00	0.47	1.16	0.60	0.22	0.00	0.00	0.00	0.00	0.65	1.47
4620	0.46	0.20	0.00	0.00	0.00	0.00	0.45	1.11	0.58	0.21	0.00	0.00	0.00	0.00	0.63	1.42
4625	0.64	0.28	0.00	0.00	0.00	0.00	0.63	1.55	0.80	0.29	0.00	0.00	0.00	0.00	0.88	1.97
4630	0.81	0.35	0.00	0.00	0.00	0.00	0.79	1.95	1.01	0.36	0.00	0.00	0.00	0.00	1.10	2.47
4635	0.07	0.03	0.00	0.00	0.00	0.00	0.07	0.17	0.08	0.03	0.00	0.00	0.00	0.00	0.09	0.20
4640	2.57	1.25	1.98	0.55	1.36	0.20	2.59	10.50	3.21	1.28	2.60	0.73	2.13	0.32	3.59	13.86
4650	0.52	0.23	0.00	0.00	0.00	0.00	0.51	1.26	0.66	0.24	0.00	0.00	0.00	0.00	0.72	1.62
4655	0.58	0.26	0.00	0.00	0.00	0.00	0.57	1.41	0.73	0.26	0.00	0.00	0.00	0.00	0.79	1.78
4660	0.10	0.04	0.00	0.00	0.00	0.00	0.10	0.24	0.12	0.04	0.00	0.00	0.00	0.00	0.13	0.29
4665	0.48	0.21	0.00	0.00	0.00	0.00	0.47	1.16	0.60	0.22	0.00	0.00	0.00	0.00	0.65	1.47
4670	0.54	0.24	0.00	0.00	0.00	0.00	0.53	1.31	0.67	0.24	0.00	0.00	0.00	0.00	0.73	1.64
4675	0.77	0.34	0.00	0.00	0.00	0.00	0.76	1.87	0.96	0.35	0.00	0.00	0.00	0.00	1.05	2.36
4680	0.99	0.44	0.00	0.00	0.00	0.00	0.97	2.40	1.24	0.44	0.00	0.00	0.00	0.00	1.35	3.03
4685	0.07	0.03	0.00	0.00	0.00	0.00	0.07	0.17	0.08	0.03	0.00	0.00	0.00	0.00	0.09	0.20
4690	3.30	1.61	2.97	0.83	1.88	0.28	3.33	14.20	4.12	1.65	3.91	1.09	2.96	0.44	4.62	18.79
4700	0.61	0.27	0.00	0.00	0.00	0.00	0.60	1.48	0.77	0.28	0.00	0.00	0.00	0.00	0.83	1.88
4705	0.79	0.35	0.00	0.00	0.00	0.00	0.78	1.92	0.99	0.36	0.00	0.00	0.00	0.00	1.08	2.43
4710	0.10	0.04	0.00	0.00	0.00	0.00	0.10	0.24	0.12	0.04	0.00	0.00	0.00	0.00	0.13	0.29
4715	0.48	0.21	0.00	0.00	0.00	0.00	0.47	1.16	0.60	0.22	0.00	0.00	0.00	0.00	0.65	1.47

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
4720	0.69	0.31	0.00	0.00	0.00	0.00	0.68	1.68	0.87	0.31	0.00	0.00	0.00	0.00	0.95	2.13
4725	0.89	0.39	0.00	0.00	0.00	0.00	0.87	2.15	1.11	0.40	0.00	0.00	0.00	0.00	1.21	2.72
4730	1.37	0.60	0.00	0.00	0.00	0.00	1.35	3.32	1.71	0.62	0.00	0.00	0.00	0.00	1.87	4.20
4735	0.07	0.03	0.00	0.00	0.00	0.00	0.07	0.17	0.08	0.03	0.00	0.00	0.00	0.00	0.09	0.20
4740	6.09	2.83	4.52	1.27	1.45	0.22	6.06	22.44	7.61	2.89	5.95	1.67	2.23	0.33	8.41	29.09
4750	0.88	0.39	0.00	0.00	0.00	0.00	0.87	2.14	1.10	0.40	0.00	0.00	0.00	0.00	1.20	2.70
4755	0.10	0.04	0.00	0.00	0.00	0.00	0.10	0.24	0.12	0.04	0.00	0.00	0.00	0.00	0.13	0.29
4760	0.51	0.22	0.00	0.00	0.00	0.00	0.50	1.23	0.64	0.23	0.00	0.00	0.00	0.00	0.69	1.56
4765	0.82	0.36	0.00	0.00	0.00	0.00	0.81	1.99	1.03	0.37	0.00	0.00	0.00	0.00	1.12	2.52
4770	1.21	0.53	0.00	0.00	0.00	0.00	1.18	2.92	1.51	0.54	0.00	0.00	0.00	0.00	1.65	3.70
4775	1.69	0.75	0.00	0.00	0.00	0.00	1.66	4.10	2.12	0.76	0.00	0.00	0.00	0.00	2.31	5.19
4780	0.07	0.03	0.00	0.00	0.00	0.00	0.07	0.17	0.08	0.03	0.00	0.00	0.00	0.00	0.09	0.20
4785	10.28	4.97	4.42	1.24	5.39	0.81	10.34	37.45	12.85	5.08	5.81	1.63	8.54	1.28	14.36	49.55
4790	11.52	5.53	6.54	1.83	5.50	0.82	11.56	43.30	14.39	5.65	8.60	2.41	8.72	1.31	16.06	57.14
4795	11.60	5.71	6.54	1.83	7.60	1.14	11.73	46.15	14.50	5.84	8.60	2.41	12.14	1.82	16.29	61.60
4800	13.33	6.57	10.25	2.87	8.99	1.35	13.48	56.84	16.66	6.71	13.48	3.78	14.38	2.16	18.72	75.89
4805	12.89	6.13	6.54	1.83	5.39	0.81	12.91	46.50	16.12	6.26	8.60	2.41	8.54	1.28	17.93	61.14
4810	13.66	6.47	6.54	1.83	5.50	0.82	13.67	48.49	17.08	6.62	8.60	2.41	8.72	1.31	18.99	63.73
4815	15.29	7.34	10.25	2.87	7.60	1.14	15.35	59.84	19.12	7.50	13.48	3.78	12.14	1.82	21.32	79.16
4820	16.84	8.11	10.25	2.87	8.99	1.35	16.92	65.33	21.05	8.29	13.48	3.78	14.38	2.16	23.51	86.65
4830	1.07	0.47	0.00	0.00	0.00	0.00	1.05	2.59	1.33	0.48	0.00	0.00	0.00	0.00	1.46	3.27
4835	1.41	0.62	0.00	0.00	0.00	0.00	1.38	3.41	1.76	0.63	0.00	0.00	0.00	0.00	1.92	4.31
4840	1.61	0.71	0.00	0.00	0.00	0.00	1.58	3.90	2.01	0.72	0.00	0.00	0.00	0.00	2.19	4.92
4845	1.61	0.71	0.00	0.00	0.00	0.00	1.58	3.90	2.02	0.73	0.00	0.00	0.00	0.00	2.20	4.95
4855	3.38	1.33	1.49	0.57	0.00	0.00	4.14	10.91	4.22	1.36	1.96	0.74	0.00	0.00	5.38	13.66
4860	4.52	1.78	2.40	0.91	0.00	0.00	5.53	15.14	5.64	1.82	3.16	1.20	0.00	0.00	7.19	19.01
4865	5.90	2.33	2.97	1.13	0.00	0.00	7.23	19.56	7.38	2.38	3.92	1.49	0.00	0.00	9.40	24.57
4870	7.93	3.13	4.19	1.59	0.00	0.00	9.72	26.56	9.91	3.20	5.52	2.10	0.00	0.00	12.63	33.36
4875	9.42	3.71	5.34	2.03	0.00	0.00	11.54	32.04	11.77	3.80	7.03	2.67	0.00	0.00	15.00	40.27
4885	3.54	1.40	2.48	0.94	0.00	0.00	4.34	12.70	4.43	1.43	3.26	1.24	0.00	0.00	5.64	16.00
4890	6.99	2.76	3.05	1.16	0.00	0.00	8.57	22.53	8.74	2.82	4.02	1.53	0.00	0.00	11.14	28.25
4895	8.79	3.46	4.19	1.59	0.00	0.00	10.77	28.80	10.99	3.55	5.52	2.10	0.00	0.00	14.00	36.16
4900	11.49	4.53	5.72	2.17	0.00	0.00	14.07	37.98	14.36	4.64	7.53	2.86	0.00	0.00	18.29	47.68
4905	16.29	6.42	8.01	3.04	0.00	0.00	19.96	53.72	20.36	6.58	10.55	4.01	0.00	0.00	25.95	67.45
4915	3.62	1.43	2.40	0.91	0.00	0.00	4.44	12.80	4.53	1.46	3.16	1.20	0.00	0.00	5.77	16.12
4920	4.40	1.73	2.97	1.13	0.00	0.00	5.39	15.62	5.49	1.78	3.92	1.49	0.00	0.00	7.00	19.68
4925	5.13	2.02	3.32	1.26	0.00	0.00	6.29	18.02	6.42	2.07	4.37	1.66	0.00	0.00	8.18	22.70
4930	6.82	2.69	4.65	1.77	0.00	0.00	8.35	24.28	8.52	2.75	6.13	2.33	0.00	0.00	10.85	30.58
4935	9.08	3.58	5.72	2.17	0.00	0.00	11.12	31.67	11.35	3.67	7.53	2.86	0.00	0.00	14.46	39.87
4940	13.02	5.13	8.50	3.23	0.00	0.00	15.95	45.83	16.27	5.26	11.20	4.26	0.00	0.00	20.73	57.72
4950	4.23	1.67	2.48	0.94	0.00	0.00	5.19	14.51	5.29	1.71	3.26	1.24	0.00	0.00	6.74	18.24
4955	5.27	2.08	2.97	1.13	0.00	0.00	6.45	17.90	6.58	2.13	3.92	1.49	0.00	0.00	8.39	22.51
4960	8.22	3.24	4.96	1.88	0.00	0.00	10.07	28.37	10.28	3.32	6.53	2.48	0.00	0.00	13.09	35.70
4965	12.10	4.77	7.24	2.75	0.00	0.00	14.82	41.68	15.12	4.89	9.54	3.63	0.00	0.00	19.27	52.45
4975	3.20	1.26	1.60	0.61	0.00	0.00	3.92	10.59	4.00	1.29	2.11	0.80	0.00	0.00	5.10	13.30
4980	4.24	1.67	2.55	0.97	0.00	0.00	5.20	14.63	5.30	1.71	3.36	1.28	0.00	0.00	6.75	18.40
4985	5.23	2.06	2.97	1.13	0.00	0.00	6.41	17.80	6.54	2.11	3.92	1.49	0.00	0.00	8.33	22.39
4990	7.73	3.05	4.19	1.59	0.00	0.00	9.47	26.03	9.66	3.12	5.52	2.10	0.00	0.00	12.31	32.71
4995	8.90	3.51	4.96	1.88	0.00	0.00	10.90	30.15	11.12	3.59	6.53	2.48	0.00	0.00	14.17	37.89
5000	12.86	5.07	7.63	2.90	0.00	0.00	15.76	44.22	16.08	5.20	10.04	3.82	0.00	0.00	20.49	55.63
5010	3.78	1.49	2.52	0.96	0.00	0.00	4.63	13.38	4.72	1.53	3.31	1.26	0.00	0.00	6.01	16.83
5015	5.25	2.07	3.43	1.30	0.00	0.00	6.44	18.49	6.57	2.12	4.52	1.72	0.00	0.00	8.37	23.30
5020	6.74	2.66	4.19	1.59	0.00	0.00	8.26	23.44	8.42	2.72	5.52	2.10	0.00	0.00	10.73	29.49
5025	8.41	3.31	5.15	1.96	0.00	0.00	10.30	29.13	10.51	3.40	6.78	2.58	0.00	0.00	13.39	36.66
5030	12.21	4.81	7.63	2.90	0.00	0.00	14.96	42.51	15.26	4.93	10.04	3.82	0.00	0.00	19.45	53.50

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
5035	24.06	9.48	13.35	5.07	0.00	0.00	29.48	81.44	30.08	9.72	17.58	6.68	0.00	0.00	38.32	102.38
5045	0.64	0.29	1.32	0.42	0.10	0.01	0.48	3.26	0.80	0.30	1.72	0.55	0.18	0.03	0.64	4.22
5050	0.77	0.35	0.53	0.22	0.10	0.01	0.58	2.56	0.96	0.35	0.70	0.29	0.18	0.03	0.77	3.28
5055	0.88	0.39	1.90	0.61	0.08	0.01	0.66	4.53	1.10	0.40	2.47	0.79	0.16	0.02	0.88	5.82
5060	0.99	0.44	0.78	0.33	0.08	0.01	0.74	3.37	1.24	0.45	1.02	0.43	0.16	0.02	0.99	4.31
5065	1.17	0.52	0.99	0.42	0.09	0.01	0.88	4.08	1.46	0.53	1.30	0.55	0.17	0.03	1.17	5.21
5070	1.08	0.48	2.64	0.84	0.09	0.01	0.81	5.95	1.35	0.49	3.44	1.10	0.17	0.03	1.08	7.66
5075	1.24	0.55	2.80	0.90	0.09	0.01	0.93	6.52	1.55	0.56	3.65	1.17	0.17	0.03	1.25	8.38
5080	1.33	0.59	1.27	0.53	0.09	0.01	1.00	4.82	1.67	0.61	1.67	0.70	0.17	0.03	1.34	6.19
5085	1.67	0.76	1.91	0.80	0.31	0.05	1.26	6.76	2.08	0.78	2.51	1.05	0.59	0.09	1.68	8.78
5090	2.95	1.40	2.76	1.16	1.01	0.15	2.25	11.68	3.69	1.43	3.63	1.52	1.93	0.29	3.01	15.50
5100	1.88	0.84	1.31	0.55	0.20	0.03	1.41	6.22	2.35	0.86	1.72	0.72	0.38	0.06	1.89	7.98
5105	3.43	1.54	1.94	0.82	0.35	0.05	2.57	10.70	4.29	1.57	2.56	1.07	0.66	0.10	3.45	13.70
5110	4.46	2.04	2.93	1.23	0.83	0.12	3.36	14.97	5.58	2.09	3.86	1.62	1.58	0.24	4.51	19.48
5115	5.73	2.62	3.64	1.53	1.02	0.15	4.32	19.01	7.16	2.67	4.79	2.01	1.94	0.29	5.78	24.64
5120	5.98	2.80	3.89	1.63	1.70	0.25	4.54	20.79	7.47	2.86	5.11	2.15	3.24	0.49	6.07	27.39
5125	7.47	3.37	4.66	1.96	1.02	0.15	5.62	24.25	9.34	3.45	6.14	2.58	1.94	0.29	7.52	31.26
5130	9.78	4.56	6.54	2.75	2.58	0.39	7.41	34.01	12.22	4.66	8.60	3.61	4.92	0.74	9.92	44.67
5140	3.65	1.68	2.30	0.96	0.75	0.11	2.76	12.21	4.57	1.72	3.02	1.27	1.43	0.21	3.69	15.91
5145	5.17	2.35	2.83	1.19	0.83	0.12	3.90	16.39	6.47	2.40	3.72	1.56	1.58	0.24	5.22	21.19
5150	5.91	2.69	3.53	1.48	1.02	0.15	4.45	19.23	7.39	2.75	4.65	1.95	1.94	0.29	5.96	24.93
5155	9.40	4.29	5.48	2.30	1.70	0.25	7.09	30.51	11.75	4.39	7.21	3.03	3.24	0.49	9.49	39.60
5160	12.69	5.84	7.07	2.97	2.70	0.41	9.59	41.27	15.87	5.97	9.30	3.91	5.16	0.77	12.84	53.82
5165	15.95	7.28	9.54	2.86	5.65	0.85	10.58	52.71	19.14	7.42	12.55	3.77	10.78	1.62	13.60	68.88
5170	22.66	10.59	13.25	3.98	7.67	1.15	15.08	74.38	27.19	10.79	17.44	5.23	14.64	2.20	19.39	96.88
5175	45.01	21.55	24.38	7.32	19.31	2.90	30.08	150.55	54.01	21.95	32.08	9.63	36.87	5.53	38.67	198.74
5185	4.49	2.04	3.00	1.26	0.75	0.11	3.38	15.03	5.62	2.09	3.95	1.56	1.43	0.21	4.53	19.49
5190	5.28	2.40	3.89	1.63	0.83	0.12	3.97	18.12	6.60	2.45	5.11	2.15	1.58	0.24	5.32	23.45
5195	6.14	2.79	4.28	1.80	1.02	0.15	4.62	20.80	7.67	2.86	5.63	2.36	1.94	0.29	6.19	25.94
5200	8.83	4.07	5.44	2.29	1.95	0.29	6.67	29.54	11.03	4.16	7.16	3.01	3.72	0.56	8.93	38.57
5205	11.76	5.48	7.17	3.01	3.11	0.47	8.91	39.91	14.70	5.60	9.44	3.95	5.94	0.89	11.93	52.46
5210	15.00	6.88	9.86	2.96	5.65	0.85	9.95	51.15	18.00	7.01	12.97	3.89	10.78	1.62	12.80	67.07
5215	22.07	10.12	12.72	3.82	5.94	0.89	14.64	70.20	26.48	10.31	16.74	5.02	11.34	1.70	18.83	90.42
5220	40.37	19.00	21.63	6.49	14.65	2.20	26.90	131.24	48.45	19.34	28.46	8.54	27.97	4.20	34.59	171.55
5230	4.00	1.82	2.83	1.19	0.70	0.10	3.01	13.65	5.00	1.86	3.72	1.56	1.33	0.20	4.03	17.70
5235	5.13	2.32	3.89	1.63	0.70	0.10	3.86	17.63	6.41	2.37	5.11	2.15	1.33	0.20	5.16	22.73
5240	5.57	2.55	4.49	1.89	1.02	0.15	4.20	19.87	6.97	2.60	5.91	2.48	1.94	0.29	5.63	25.82
5245	7.71	3.59	5.80	2.43	2.05	0.31	5.85	27.74	9.64	3.68	7.63	3.20	3.91	0.59	7.83	36.48
5250	11.90	5.54	7.88	3.31	3.11	0.47	9.02	41.23	14.87	5.66	10.37	4.36	5.94	0.89	12.07	54.16
5255	16.81	7.89	11.84	3.55	5.94	0.89	11.20	58.12	20.17	8.03	15.58	4.67	11.34	1.70	14.39	75.88
5265	1.85	0.86	1.70	0.71	0.43	0.06	1.40	7.01	2.31	0.88	2.23	0.94	0.81	0.12	1.87	9.16
5270	2.36	1.08	2.19	0.92	0.43	0.07	1.78	8.83	2.95	1.11	2.88	1.21	0.82	0.12	2.38	11.47
5275	4.65	2.11	3.11	1.31	0.75	0.11	3.50	15.54	5.81	2.16	4.09	1.72	1.43	0.21	4.69	20.11
5280	5.57	2.54	3.78	1.59	1.02	0.15	4.20	18.85	6.96	2.60	4.98	2.09	1.94	0.29	5.62	24.48
5285	7.87	3.62	4.81	2.02	1.70	0.25	5.94	26.21	9.83	3.70	6.32	2.66	3.24	0.49	7.96	34.20
5295	3.91	1.79	2.83	1.19	0.75	0.11	2.95	13.53	4.89	1.83	3.72	1.56	1.43	0.21	3.95	17.59
5300	4.84	2.20	3.53	1.48	0.83	0.12	3.64	16.64	6.05	2.25	4.65	1.95	1.58	0.24	4.88	21.60
5305	5.62	2.57	4.24	1.78	1.02	0.15	4.24	19.62	7.03	2.62	5.58	2.34	1.94	0.29	5.68	25.48
5310	8.11	3.73	5.48	2.30	1.70	0.25	6.12	27.69	10.14	3.81	7.21	3.03	3.24	0.49	8.20	36.12
5315	11.10	5.18	6.68	2.81	2.96	0.44	8.42	37.59	13.88	5.29	8.79	3.69	5.66	0.85	11.27	49.43
5320	15.36	7.33	7.39	3.10	5.65	0.85	11.72	51.40	19.20	7.50	9.72	4.08	10.78	1.62	15.69	68.59
5325	21.69	9.96	14.67	4.40	5.94	0.89	14.40	71.95	26.03	10.14	19.30	5.79	11.34	1.70	18.51	92.81
5330	40.30	18.59	20.85	6.26	11.64	1.75	26.77	126.16	48.36	18.93	27.43	8.23	22.22	3.33	34.41	162.91
5340	1.72	0.79	1.52	0.64	0.32	0.05	1.30	6.34	2.15	0.81	2.00	0.84	0.59	0.09	1.74	8.22
5345	4.67	2.12	3.00	1.26	0.75	0.11	3.51	15.42	5.84	2.17	3.95	1.66	1.43	0.21	4.71	19.97

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
5350	5.71	2.57	3.71	1.56	0.70	0.10	4.29	18.64	7.13	2.63	4.88	2.05	1.33	0.20	5.74	23.96
5355	8.07	3.69	5.12	2.15	1.53	0.23	6.09	26.88	10.09	3.78	6.74	2.83	2.92	0.44	8.15	34.95
5360	13.63	6.30	9.19	2.76	5.65	0.85	9.06	47.44	16.36	6.42	12.09	3.63	10.78	1.62	11.65	62.55
5370	4.79	2.20	3.68	1.54	1.02	0.15	3.62	17.00	5.98	2.25	4.84	2.03	1.94	0.29	4.84	22.17
5375	6.64	3.09	5.58	2.35	1.70	0.25	5.03	24.64	8.30	3.16	7.35	3.09	3.24	0.49	6.73	32.36
5380	7.12	3.31	5.83	2.45	1.78	0.27	5.39	26.15	8.90	3.38	7.67	3.22	3.39	0.51	7.22	34.29
5385	9.59	4.49	7.67	3.22	2.70	0.41	7.28	35.36	11.99	4.59	10.09	4.24	5.16	0.77	9.74	46.58
5390	12.44	5.75	10.78	3.23	5.12	0.77	8.27	46.36	14.93	5.85	14.18	4.25	9.77	1.47	10.63	61.08
5395	18.96	9.02	13.54	4.06	7.67	1.15	12.66	67.06	22.76	9.19	17.81	5.34	14.64	2.20	16.28	88.22
5405	4.76	2.19	3.64	1.53	1.02	0.15	3.60	16.89	5.95	2.24	4.79	2.01	1.94	0.29	4.81	22.03
5410	5.50	2.51	3.99	1.68	1.02	0.15	4.14	18.99	6.87	2.57	5.25	2.21	1.94	0.29	5.55	24.68
5415	7.66	3.54	5.09	2.14	1.78	0.27	5.80	26.28	9.58	3.62	6.70	2.81	3.39	0.51	7.76	34.37
5420	10.61	4.93	7.42	3.12	2.64	0.40	8.03	37.15	13.26	5.04	9.76	4.10	5.05	0.76	10.76	48.73
5425	15.00	6.88	10.85	3.25	5.65	0.85	9.96	52.44	18.00	7.01	14.28	4.28	10.78	1.62	12.80	68.77
5430	21.99	10.09	13.71	4.11	5.94	0.89	14.60	71.33	26.39	10.28	18.04	5.41	11.34	1.70	18.77	91.93
5440	4.32	2.00	3.29	1.38	1.02	0.15	3.26	15.42	5.39	2.04	4.32	1.82	1.94	0.29	4.37	20.17
5445	5.53	2.53	9.82	3.14	1.02	0.15	4.17	26.36	6.91	2.58	12.79	4.09	1.94	0.29	5.58	34.18
5450	7.28	3.36	5.65	2.37	1.70	0.25	5.50	26.11	9.09	3.44	7.44	3.12	3.24	0.49	7.37	34.19
5455	10.68	5.01	7.17	3.01	3.11	0.47	8.10	37.55	13.35	5.12	9.44	3.96	5.94	0.89	10.85	49.55
5460	14.76	6.81	10.07	3.02	6.02	0.90	9.80	51.38	17.71	6.94	13.25	3.98	11.49	1.72	12.61	67.70
5465	19.39	8.99	14.14	4.24	5.94	0.89	12.89	66.48	23.27	9.15	18.60	5.58	11.34	1.70	16.57	86.21
5475	2.99	1.36	1.66	0.53	0.34	0.05	2.57	9.50	3.74	1.39	2.19	0.70	0.48	0.07	3.42	11.99
5480	3.53	1.58	1.94	0.62	0.27	0.04	3.03	11.01	4.42	1.62	2.56	0.82	0.38	0.06	4.02	13.88
5485	5.42	2.44	2.83	0.90	0.53	0.08	4.65	16.85	6.77	2.49	3.72	1.19	0.75	0.11	6.17	21.20
5490	6.36	2.88	3.92	1.26	0.71	0.11	5.47	20.71	7.95	2.95	5.16	1.65	0.99	0.15	7.26	26.11
5500	2.98	1.35	2.05	0.66	0.38	0.06	2.56	10.04	3.72	1.38	2.70	0.86	0.53	0.08	3.40	12.67
5505	3.55	1.61	2.19	0.70	0.42	0.06	3.05	11.58	4.44	1.64	2.88	0.92	0.60	0.09	4.05	14.62
5510	4.10	1.87	2.47	0.79	0.53	0.08	3.53	13.37	5.13	1.91	3.25	1.04	0.75	0.11	4.69	16.88
5515	4.72	2.14	2.83	0.90	0.53	0.08	4.06	15.26	5.90	2.18	3.72	1.19	0.75	0.11	5.39	19.24
5520	5.61	2.57	3.53	1.13	0.83	0.13	4.84	18.64	7.02	2.63	4.65	1.49	1.17	0.18	6.43	23.57
5530	4.45	1.76	1.49	0.57	0.00	0.00	5.46	13.73	5.57	1.80	1.96	0.74	0.00	0.00	7.09	17.16
5535	5.30	2.09	2.02	0.77	0.00	0.00	6.50	16.68	6.63	2.14	2.66	1.01	0.00	0.00	8.44	20.88
5545	4.58	1.80	2.48	0.94	0.00	0.00	5.61	15.41	5.72	1.85	3.26	1.24	0.00	0.00	7.29	19.36
5555	0.54	0.19	0.00	0.50	0.00	0.00	0.62	1.85								
5560	1.13	0.39	0.00	1.03	0.00	0.00	1.29	3.84								
5565	2.19	0.75	0.00	1.96	0.00	0.00	2.50	7.40								
5570	0.57	0.19	0.00	0.25	0.00	0.00	0.65	1.66								
5575	0.89	0.31	0.00	0.36	0.00	0.00	1.02	2.58								
5585	1.56	0.53	0.00	0.25	0.00	0.00	1.78	4.12								
5590	2.35	0.80	0.00	0.33	0.00	0.00	2.68	6.16								
5600	2.00	0.68	0.00	0.27	0.00	0.00	2.28	5.23								
5605	2.62	0.90	0.00	0.49	0.00	0.00	2.99	7.00								
5610	3.09	1.06	0.00	0.78	0.00	0.00	3.53	8.46								
5620	3.93	1.35	0.00	0.06	0.00	0.00	4.49	9.83								
5625	4.40	1.50	0.00	0.06	0.00	0.00	5.01	10.97								
5630	7.22	2.47	0.00	0.06	0.00	0.00	8.24	17.99								
5635	7.68	2.63	0.00	0.06	0.00	0.00	8.76	19.13								
5645	4.02	1.38	0.00	0.43	0.00	0.00	4.59	10.42								
5650	4.61	1.58	0.00	0.49	0.00	0.00	5.26	11.94								
5655	5.31	1.82	0.00	0.59	0.00	0.00	6.06	13.78								
5660	5.82	1.99	0.00	0.73	0.00	0.00	6.64	15.18								
5665	6.53	2.23	0.00	0.63	0.00	0.00	7.45	16.84								
5670	7.79	2.66	0.00	0.93	0.00	0.00	8.88	20.26								
5675	9.22	3.15	0.00	0.93	0.00	0.00	10.52	23.82								
5680	12.31	4.21	0.00	1.14	0.00	0.00	14.04	31.70								

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	18.19	6.22	0.00	1.25	0.00	0.00	20.75	46.41								
5695	3.15	1.08	0.00	0.49	0.00	0.00	3.60	8.32								
5700	3.58	1.23	0.00	0.64	0.00	0.00	4.09	9.54								
5705	4.78	1.63	0.00	0.64	0.00	0.00	5.45	12.50								
5710	1.19	0.41	0.00	0.25	0.00	0.00	1.36	3.21								
5715	1.51	0.52	0.00	0.33	0.00	0.00	1.73	4.09								
5720	1.90	0.65	0.00	0.43	0.00	0.00	2.17	5.15								
5730	5.12	1.75	0.00	0.66	0.00	0.00	5.84	13.37								
5735	5.86	2.01	0.00	0.78	0.00	0.00	6.69	15.34								
5740	6.30	2.15	0.00	0.93	0.00	0.00	7.18	16.56								
5745	7.72	2.64	0.00	1.09	0.00	0.00	8.80	20.25								
5750	9.54	3.26	0.00	1.14	0.00	0.00	10.88	24.82								
5755	13.80	4.72	0.00	1.35	0.00	0.00	15.74	35.61								
5765	6.89	2.36	2.09	0.67	0.00	0.00	7.86	19.87								
5770	12.94	4.43	5.51	1.76	0.00	0.00	14.76	39.40								
5775	18.97	6.49	10.43	3.34	0.00	0.00	21.64	60.87								
5780	20.45	7.00	19.44	6.22	0.00	0.00	23.33	76.44								
5785	25.93	8.87	22.97	7.35	0.00	0.00	29.58	94.70								
5795	7.84	4.02	2.05	0.82	0.00	0.00	6.15	20.88	9.41	4.08	2.64	1.05	0.00	0.00	8.36	25.54
5800	12.64	6.48	3.91	1.56	0.00	0.00	9.92	34.51	15.17	6.58	5.02	2.01	0.00	0.00	13.49	42.27
5805	17.57	9.01	3.91	1.56	0.00	0.00	13.78	45.83	21.08	9.15	5.02	2.01	0.00	0.00	18.74	56.00
5810	18.25	9.36	5.86	2.34	0.00	0.00	14.32	50.13	21.90	9.50	7.53	3.01	0.00	0.00	19.47	61.41
5815	25.48	13.06	8.01	3.20	0.00	0.00	19.98	69.73	30.57	13.26	10.30	4.12	0.00	0.00	27.18	85.43
5825	1.35	0.40	0.00	0.15	0.00	0.00	1.16	3.06								
5830	0.50	0.15	0.00	0.10	0.00	0.00	0.43	1.18								
5835	1.99	0.59	0.00	0.31	0.00	0.00	1.72	4.61								
5840	0.86	0.26	0.00	0.05	0.00	0.00	0.74	1.91								
5850	0.51	0.23	1.14	0.36	0.00	0.00	0.45	2.69								
5855	0.65	0.29	1.71	0.55	0.00	0.00	0.57	3.77								
5865	0.04	0.02	0.23	0.07	0.00	0.00	0.03	0.39								
5870	0.05	0.02	0.34	0.11	0.00	0.00	0.04	0.56								
5875	0.09	0.04	0.91	0.29	0.00	0.00	0.07	1.40								
5885	0.68	0.30	4.89	1.57	0.00	0.00	0.59	8.03								
5890	0.39	0.17	1.48	0.56	0.00	0.00	0.34	2.94								
5895	0.90	0.40	8.99	2.88	0.00	0.00	0.78	13.95								
5900	1.30	0.57	2.96	1.12	0.00	0.00	1.13	7.08								
5905	1.67	0.73	3.45	1.31	0.00	0.00	1.45	8.61								
5910	1.77	0.78	3.35	1.27	0.00	0.00	1.54	8.71								
5920	0.07	0.03	0.57	0.18	0.00	0.00	0.06	0.91								
5925	0.10	0.04	0.91	0.29	0.00	0.00	0.09	1.43								
5930	0.21	0.09	1.82	0.58	0.00	0.00	0.18	2.88								
5940	0.09	0.04	0.34	0.11	0.00	0.00	0.08	0.66								
5945	0.10	0.05	0.34	0.11	0.00	0.00	0.09	0.69								
5955	0.12	0.06	0.20	0.09	0.00	0.00	0.05	0.52								
5960	0.18	0.08	0.49	0.22	0.00	0.00	0.08	1.05								
5965	0.63	0.28	2.47	1.11	0.00	0.00	0.28	4.77								
5970	0.83	0.36	5.94	2.67	0.00	0.00	0.36	10.16								
5980	0.10	0.04	0.20	0.09	0.00	0.00	0.04	0.47								
5985	0.13	0.06	0.40	0.18	0.00	0.00	0.05	0.82								
5995	2.56	0.83	0.00	0.10	0.00	0.00	2.00	5.49	3.41	0.86	0.00	0.10	0.00	0.00	3.01	7.38
6000	0.20	0.07	0.00	0.00	0.00	0.00	0.16	0.43	0.27	0.07	0.00	0.00	0.00	0.00	0.24	0.58
6005	1.90	0.62	0.00	0.08	0.00	0.00	1.49	4.09	2.54	0.64	0.00	0.08	0.00	0.00	2.24	5.50
6010	0.09	0.03	0.00	0.00	0.00	0.00	0.07	0.19	0.12	0.03	0.00	0.00	0.00	0.00	0.10	0.25
6015	2.20	0.71	0.00	0.10	0.00	0.00	1.72	4.73	2.93	0.74	0.00	0.10	0.00	0.00	2.59	6.36
6020	0.20	0.06	0.00	0.00	0.00	0.00	0.16	0.42	0.26	0.07	0.00	0.00	0.00	0.00	0.23	0.56

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
6025	1.58	0.51	0.00	0.08	0.00	0.00	1.24	3.41	2.11	0.53	0.00	0.08	0.00	0.00	1.86	4.58
6030	0.13	0.04	0.00	0.00	0.00	0.00	0.10	0.27	0.17	0.04	0.00	0.00	0.00	0.00	0.15	0.36
6035	0.92	0.30	0.00	0.08	0.00	0.00	0.72	2.02	1.23	0.31	0.00	0.08	0.00	0.00	1.09	2.71
6040	0.05	0.02	0.00	0.00	0.00	0.00	0.04	0.11	0.07	0.02	0.00	0.00	0.00	0.00	0.06	0.15
6045	2.45	0.79	0.00	0.08	0.00	0.00	1.92	5.24	3.27	0.82	0.00	0.08	0.00	0.00	2.89	7.06
6050	0.20	0.06	0.00	0.00	0.00	0.00	0.16	0.42	0.26	0.07	0.00	0.00	0.00	0.00	0.23	0.56
6055	2.18	0.70	0.00	0.08	0.00	0.00	1.71	4.67	2.91	0.73	0.00	0.08	0.00	0.00	2.56	6.28
6060	0.27	0.09	0.00	0.00	0.00	0.00	0.21	0.57	0.36	0.09	0.00	0.00	0.00	0.00	0.31	0.76
6065	0.77	0.30	0.00	0.08	0.00	0.00	0.60	1.75	0.96	0.31	0.00	0.08	0.00	0.00	0.84	2.19
6075	5.36	1.73	0.00	0.22	0.00	0.00	4.20	11.51	7.15	1.80	0.00	0.22	0.00	0.00	6.31	15.48
6080	0.39	0.13	0.00	0.00	0.00	0.00	0.31	0.83	0.52	0.13	0.00	0.00	0.00	0.00	0.46	1.11
6085	5.70	1.84	0.00	0.21	0.00	0.00	4.47	12.22	7.60	1.92	0.00	0.21	0.00	0.00	6.70	16.43
6090	4.54	1.47	0.00	0.16	0.00	0.00	3.56	9.73	6.05	1.52	0.00	0.16	0.00	0.00	5.33	13.06
6095	0.35	0.11	0.00	0.00	0.00	0.00	0.28	0.74	0.47	0.12	0.00	0.00	0.00	0.00	0.41	1.00
6100	4.22	1.36	0.00	0.16	0.00	0.00	3.31	9.05	5.63	1.42	0.00	0.16	0.00	0.00	4.97	12.18
6105	3.06	0.99	0.00	0.10	0.00	0.00	2.40	6.55	4.07	1.03	0.00	0.10	0.00	0.00	3.59	8.79
6110	0.20	0.06	0.00	0.00	0.00	0.00	0.15	0.41	0.26	0.07	0.00	0.00	0.00	0.00	0.23	0.56
6115	2.97	0.96	0.00	0.10	0.00	0.00	2.33	6.36	3.96	1.00	0.00	0.10	0.00	0.00	3.50	8.56
6120	1.71	0.55	0.00	0.08	0.00	0.00	1.34	3.68	2.28	0.57	0.00	0.08	0.00	0.00	2.01	4.94
6125	0.10	0.03	0.00	0.00	0.00	0.00	0.08	0.21	0.14	0.03	0.00	0.00	0.00	0.00	0.12	0.29
6130	1.07	0.35	0.00	0.08	0.00	0.00	0.84	2.34	1.42	0.36	0.00	0.08	0.00	0.00	1.26	3.12
6135	0.05	0.02	0.00	0.00	0.00	0.00	0.04	0.11	0.07	0.02	0.00	0.00	0.00	0.00	0.06	0.15
6140	0.66	0.21	0.00	0.08	0.00	0.00	0.52	1.47	0.88	0.22	0.00	0.08	0.00	0.00	0.78	1.96
6145	0.03	0.01	0.00	0.00	0.00	0.00	0.02	0.06	0.04	0.01	0.00	0.00	0.00	0.00	0.03	0.08
6150	0.28	0.09	0.00	0.08	0.00	0.00	0.22	0.67	0.37	0.09	0.00	0.08	0.00	0.00	0.33	0.87
6155	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.02	0.05
6165	5.78	1.87	0.00	0.28	0.00	0.00	4.54	12.47	7.71	1.94	0.00	0.28	0.00	0.00	6.80	16.73
6170	4.55	1.47	0.00	0.20	0.00	0.00	3.57	9.79	6.07	1.53	0.00	0.20	0.00	0.00	5.36	13.16
6175	3.43	1.11	0.00	0.10	0.00	0.00	2.69	7.33	4.57	1.15	0.00	0.10	0.00	0.00	4.03	9.85
6180	2.14	0.69	0.00	0.09	0.00	0.00	1.68	4.60	2.85	0.72	0.00	0.09	0.00	0.00	2.52	6.18
6190	3.12	1.29	3.00	0.72	0.18	0.03	2.67	11.01								
6195	3.46	1.43	3.00	0.72	0.18	0.03	2.96	11.78								
6200	4.00	1.65	3.00	0.72	0.22	0.03	3.43	13.05								
6205	6.29	2.65	4.42	1.06	0.68	0.10	5.41	20.61								
6215	2.71	1.13	2.69	0.64	0.18	0.03	2.33	9.71								
6220	2.93	1.21	2.69	0.64	0.18	0.03	2.51	10.19								
6225	3.00	1.24	2.76	0.66	0.18	0.03	2.57	10.44								
6230	2.87	1.20	8.83	2.12	0.22	0.03	2.46	17.73								
6235	3.20	1.33	2.69	0.64	0.22	0.03	2.75	10.86								
6240	2.99	1.25	8.83	2.12	0.26	0.04	2.56	18.05								
6245	3.32	1.39	2.69	0.64	0.26	0.04	2.85	11.19								
6250	7.13	3.03	4.13	0.99	0.90	0.13	6.15	22.46								
6260	2.96	1.23	2.40	0.58	0.18	0.03	2.54	9.92								
6265	3.68	1.52	2.40	0.58	0.22	0.03	3.15	11.58								
6270	7.43	3.14	4.59	1.10	0.82	0.12	6.40	23.60								
6275	8.53	3.78	4.59	1.10	2.08	0.31	7.42	27.81								
6285	3.81	2.09	0.00	0.20	1.92	0.29	3.50	11.81								
6290	5.34	2.47	0.00	0.22	1.50	0.22	4.69	14.44								
6300	4.97	2.53	0.00	0.37	1.82	0.27	4.47	14.43								
6305	5.24	2.84	0.00	0.42	2.49	0.37	4.79	16.15								
6310	7.91	3.91	0.00	0.63	2.49	0.37	7.06	22.37								
6320	0.67	0.31	0.00	0.05	0.21	0.03	0.59	1.86								
6330	1.10	0.45	0.00	0.14	0.00	0.00	0.94	2.63								
6335	1.40	0.57	0.00	0.14	0.00	0.00	1.19	3.30								
6340	1.45	0.59	0.00	0.14	0.00	0.00	1.23	3.41								

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
6345	2.17	0.88	0.00	0.14	0.00	0.00	1.85	5.04								
6350	3.31	1.34	0.00	0.14	0.00	0.00	2.82	7.61								
6355	4.99	2.02	0.00	0.14	0.00	0.00	4.25	11.40								
6360	3.27	1.32	0.00	0.15	0.00	0.00	2.79	7.53								
6365	3.81	1.54	0.00	0.14	0.00	0.00	3.25	8.74								
6370	5.87	2.37	0.00	0.14	0.00	0.00	5.00	13.38								
6380	0.49	0.20	0.00	0.15	0.00	0.00	0.42	1.26								
6385	0.99	0.40	0.00	0.15	0.00	0.00	0.84	2.38								
6395	12.83	5.19	7.42	1.78	0.00	0.00	10.93	38.15								
6400	19.39	7.84	10.96	2.63	0.00	0.00	16.53	57.35								
6405	20.48	8.28	10.96	2.63	0.00	0.00	17.46	59.81								
6415	20.57	8.32	11.66	2.80	0.00	0.00	17.53	60.88								
6425	2.15	0.87	1.84	0.44	0.00	0.00	1.83	7.13								
6430	2.56	1.04	1.84	0.44	0.00	0.00	2.19	8.07								
6435	3.92	1.58	3.00	0.72	0.00	0.00	3.34	12.56								
6440	4.10	1.66	3.00	0.72	0.00	0.00	3.50	12.98								
6445	4.28	1.73	3.00	0.72	0.00	0.00	3.65	13.38								
6450	4.47	1.81	3.00	0.72	0.00	0.00	3.81	13.81								
6460	4.29	1.74	8.83	2.12	0.00	0.00	3.66	20.64								
6465	4.60	1.86	3.00	0.72	0.00	0.00	3.92	14.10								
6470	4.56	1.84	8.83	2.12	0.00	0.00	3.89	21.24								
6475	4.87	1.97	3.00	0.72	0.00	0.00	4.15	14.71								
6480	2.10	0.85	4.45	1.07	0.00	0.00	1.79	10.26								
6485	2.86	1.16	8.83	2.12	0.00	0.00	2.44	17.41								
6490	3.17	1.28	3.00	0.72	0.00	0.00	2.70	10.87								
6495	3.47	1.40	8.83	2.12	0.00	0.00	2.96	18.78								
6500	3.78	1.53	3.00	0.72	0.00	0.00	3.22	12.25								
6505	3.75	1.52	8.83	2.12	0.00	0.00	3.20	19.42								
6510	4.06	1.64	3.00	0.72	0.00	0.00	3.46	12.88								
6520	1.32	0.44	2.05	0.66	0.00	0.00	1.40	5.87								
6525	1.61	0.53	2.05	0.66	0.00	0.00	1.72	6.57								
6530	3.43	1.14	2.12	0.68	0.00	0.00	3.65	11.02								
6535	3.75	1.24	2.12	0.68	0.00	0.00	4.00	11.79								
6540	5.25	1.74	4.68	1.50	0.00	0.00	5.60	18.77								
6545	5.54	1.84	4.68	1.50	0.00	0.00	5.90	19.46								
6555	3.68	1.22	2.42	0.77	0.00	0.00	3.92	12.01								
6560	4.00	1.33	2.42	0.77	0.00	0.00	4.27	12.79								
6565	6.45	2.14	3.80	1.21	0.00	0.00	6.88	20.48								
6570	7.03	2.33	3.80	1.21	0.00	0.00	7.49	21.86								
6580	2.50	0.83	1.92	0.62	0.00	0.00	2.67	8.54								
6585	3.07	1.02	1.92	0.62	0.00	0.00	3.27	9.90								
6595	1.90	0.63	1.48	0.47	0.00	0.00	2.03	6.51								
6600	1.73	0.57	1.48	0.47	0.00	0.00	1.84	6.09								
6610	7.99	2.65	3.70	1.18	0.00	0.00	8.51	24.03								
6615	6.10	2.02	2.46	0.79	0.00	0.00	6.50	17.87								
6630	5.91	1.99	3.60	1.15	0.19	0.03	6.31	19.18								
6635	6.62	2.29	4.19	1.34	0.65	0.10	7.12	22.31								
6640	7.83	2.62	4.19	1.34	0.18	0.03	8.36	24.55								
6645	8.62	2.94	6.16	1.97	0.55	0.08	9.24	29.56								
6650	8.06	2.74	6.16	1.97	0.48	0.07	8.63	28.11								
6655	8.69	2.95	6.16	1.97	0.48	0.07	9.31	29.63								
6660	10.05	3.40	6.16	1.97	0.48	0.07	10.76	32.39								
6665	8.96	3.04	6.16	1.97	0.48	0.07	9.60	30.28								
6670	9.72	3.29	6.16	1.97	0.48	0.07	10.40	32.09								
6680	8.63	2.86	6.16	1.97	0.00	0.00	9.20	28.82								

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
6685	6.91	2.36	4.19	1.34	0.48	0.07	7.41	22.76								
6690	7.34	2.50	5.91	1.89	0.48	0.07	7.87	26.06								
6695	8.38	2.85	5.91	1.89	0.48	0.07	8.98	28.56								
6705	8.93	3.03	5.67	1.81	0.48	0.07	9.57	29.56								
6710	13.11	4.49	10.01	3.20	0.98	0.15	14.07	46.01								
6720	5.51	1.84	3.45	1.10	0.10	0.01	5.88	17.89								
6725	5.47	1.84	3.45	1.10	0.20	0.03	5.85	17.94								
6730	7.34	2.45	3.94	1.26	0.14	0.02	7.83	22.98								
6735	6.31	2.12	3.94	1.26	0.20	0.03	6.75	20.61								
6740	5.98	2.08	3.45	1.10	0.65	0.10	6.44	19.80								
6745	8.19	2.78	4.34	1.39	0.42	0.06	8.77	25.95								
6750	9.50	3.21	5.87	1.88	0.44	0.07	10.16	31.13								
6755	7.55	2.58	6.16	1.97	0.48	0.07	8.10	26.91								
6760	11.17	3.79	5.87	1.88	0.55	0.08	11.96	35.30								
6765	9.68	3.29	5.87	1.88	0.55	0.08	10.38	31.73								
6770	8.18	2.82	6.16	1.97	0.72	0.11	8.79	28.75								
6780	6.15	2.14	3.35	1.07	0.65	0.10	6.62	20.08								
6785	5.61	1.89	3.35	1.07	0.18	0.03	5.99	18.12								
6790	6.58	2.21	3.94	1.26	0.18	0.03	7.03	21.23								
6795	7.03	2.43	3.70	1.18	0.65	0.10	7.55	22.64								
6800	7.19	2.41	3.94	1.26	0.18	0.03	7.68	22.69								
6805	9.36	3.17	5.42	1.74	0.48	0.07	10.02	30.26								
6810	7.75	2.64	5.27	1.69	0.48	0.07	8.31	26.21								
6815	8.39	2.85	5.27	1.69	0.48	0.07	8.99	27.74								
6820	10.75	3.63	5.42	1.74	0.48	0.07	11.50	33.59								
6830	1.13	0.37	0.79	0.25	0.00	0.00	1.20	3.74								
6835	2.98	0.99	1.68	0.54	0.00	0.00	3.17	9.36								
6840	7.03	2.33	3.50	1.12	0.00	0.00	7.49	21.47								
6845	9.45	3.13	6.16	1.97	0.00	0.00	10.06	30.77								
6850	11.43	3.79	7.64	2.44	0.00	0.00	12.18	37.48								
6855	13.80	4.57	8.92	2.85	0.00	0.00	14.71	44.85								
6860	15.98	5.30	8.92	2.85	0.00	0.00	17.03	50.08								
6870	1.08	0.36	0.79	0.25	0.00	0.00	1.15	3.63								
6875	2.48	0.82	1.73	0.55	0.00	0.00	2.64	8.22								
6880	6.46	2.14	3.45	1.10	0.00	0.00	6.88	20.03								
6885	8.63	2.86	5.67	1.81	0.00	0.00	9.20	28.17								
6890	11.47	3.80	5.87	1.88	0.00	0.00	12.22	35.24								
6900	1.11	0.37	1.59	0.51	0.00	0.00	1.19	4.77								
6905	5.76	1.91	2.56	0.82	0.00	0.00	6.14	17.19								
6910	8.60	2.85	3.94	1.26	0.00	0.00	9.16	25.81								
6915	10.91	3.62	7.69	2.46	0.00	0.00	11.63	36.31								
6920	19.36	6.42	12.91	4.13	0.00	0.00	20.63	63.45								
6930	9.47	4.09	5.44	2.18	2.77	0.42	7.45	31.82	11.84	4.19	7.11	2.85	4.61	0.69	9.93	41.22
6935	16.57	6.58	9.07	2.90	5.77	0.87	10.57	52.33	20.71	6.75	11.86	3.79	9.59	1.44	14.24	68.38
6940	21.23	8.35	10.74	3.44	6.62	0.99	12.49	63.86	26.54	8.58	14.12	4.52	11.00	1.65	16.91	83.32
6945	23.63	9.29	11.97	3.83	7.28	1.09	15.06	72.15	29.54	9.54	15.65	5.01	12.10	1.81	20.27	93.92
6950	24.61	9.58	15.48	4.03	8.78	1.32	15.65	79.45	30.76	9.83	20.09	5.22	15.25	2.29	21.07	104.51
6955	26.23	10.17	15.48	4.03	8.78	1.32	16.68	82.69	32.79	10.44	20.09	5.22	15.25	2.29	22.45	108.53
6960	32.64	12.81	14.65	4.69	9.85	1.48	19.19	95.31	40.80	13.15	19.25	6.16	16.36	2.45	25.99	124.16
6965	37.54	14.59	16.32	5.22	9.85	1.48	23.87	108.87	46.92	14.98	21.34	6.83	16.36	2.45	32.14	141.02
6970	40.64	15.71	24.09	6.26	13.06	1.96	25.82	127.54	50.80	16.14	31.25	8.12	22.69	3.40	34.76	167.16
6975	42.50	16.39	24.09	6.26	13.06	1.96	27.00	131.26	53.13	16.83	31.25	8.12	22.69	3.40	36.34	171.76
6980	46.46	18.06	24.09	6.26	16.21	2.43	29.55	143.06	58.08	18.54	31.25	8.12	28.16	4.22	39.78	188.15
6985	42.61	16.77	17.90	5.73	13.36	2.00	25.07	123.44	53.27	17.22	23.53	7.53	22.19	3.33	33.95	161.02
6990	52.74	20.45	32.69	8.50	17.72	2.66	33.53	168.29	65.93	21.00	42.41	11.03	30.78	4.62	45.13	220.90

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
7005	14.42	5.65	8.31	2.66	4.27	0.64	9.18	45.13	18.03	5.80	10.86	3.48	7.09	1.06	12.36	58.68
7010	18.92	7.46	10.58	3.39	6.15	0.92	11.13	58.55	23.64	7.66	13.90	4.45	10.21	1.53	15.08	76.47
7015	21.64	8.42	11.79	3.77	5.76	0.86	13.76	66.00	27.05	8.64	15.41	4.93	9.56	1.43	18.53	85.55
7020	23.38	9.05	17.07	4.44	7.64	1.15	14.86	77.59	29.23	9.29	22.14	5.76	13.27	1.99	20.00	101.68
7025	28.08	10.80	17.07	4.44	8.22	1.23	17.83	87.67	35.10	11.09	22.14	5.76	14.28	2.14	24.00	114.51
7035	9.89	4.22	4.53	1.81	2.41	0.36	7.76	30.98	12.36	4.32	5.93	2.37	4.01	0.60	10.34	39.93
7040	20.29	8.01	10.61	3.40	6.62	0.99	11.94	61.86	25.36	8.22	13.95	4.46	11.00	1.65	16.17	80.81
7045	24.12	9.40	17.58	4.57	8.78	1.32	15.35	81.12	30.15	9.65	22.81	5.93	15.25	2.29	20.66	106.74
7050	22.89	8.95	11.82	3.78	6.62	0.99	14.57	69.62	28.61	9.19	15.46	4.95	11.00	1.65	19.62	90.48
7060	10.14	4.32	6.35	2.54	2.41	0.36	7.95	34.07	12.68	4.42	8.30	3.32	4.01	0.60	10.60	43.93
7065	14.51	5.68	9.07	2.90	4.27	0.64	9.24	46.31	18.14	5.84	11.86	3.79	7.09	1.06	12.44	60.22
7075	20.82	8.20	11.24	3.60	6.62	0.99	13.27	64.74	26.03	8.42	14.70	4.71	11.00	1.65	17.87	84.38
7080	32.92	13.05	15.46	4.95	11.35	1.70	19.39	98.82	41.15	13.40	20.32	6.50	18.85	2.83	26.25	129.30
7085	21.47	8.36	9.91	2.58	7.66	1.15	13.66	64.79	26.84	8.58	12.86	3.34	13.30	2.00	18.38	85.30
7090	36.54	14.20	21.30	5.54	12.69	1.90	23.23	115.40	45.67	14.58	27.63	7.18	22.05	3.31	31.28	151.70
7095	42.97	16.70	24.67	6.41	15.05	2.26	27.33	135.39	53.71	17.15	32.01	8.32	26.14	3.92	36.79	178.04
7110	4.56	2.41	0.00	0.13	1.52	0.23	3.37	12.22	5.47	2.44	0.00	0.13	1.98	0.30	4.34	14.66
7115	5.78	3.19	0.00	0.13	2.72	0.41	4.32	16.55	6.94	3.24	0.00	0.13	3.56	0.53	5.56	19.96
7125	2.26	1.23	0.00	0.08	0.93	0.14	1.69	6.33	2.71	1.25	0.00	0.08	1.22	0.18	2.17	7.61
7135	7.59	3.11	5.51	1.54	0.81	0.12	5.91	24.59	9.49	3.19	7.21	2.02	1.38	0.21	8.37	31.87
7140	12.16	5.04	11.03	3.09	1.99	0.30	9.48	43.09	15.19	5.16	14.42	4.04	3.42	0.51	13.43	56.17
7150	11.32	4.58	12.15	3.40	0.45	0.07	8.78	40.75	14.14	4.69	15.89	4.45	0.74	0.11	12.43	52.45
7160	2.93	1.27	2.48	0.89	0.00	0.00	3.37	10.94	3.67	1.30	3.26	1.18	0.00	0.00	4.60	14.01
7165	0.74	0.29	0.00	0.08	0.00	0.00	0.58	1.69	0.92	0.30	0.00	0.08	0.00	0.00	0.81	2.11
7170	4.28	1.85	3.05	1.10	0.00	0.00	4.92	15.20	5.34	1.90	4.02	1.45	0.00	0.00	6.71	19.42
7175	0.88	0.35	0.00	0.08	0.00	0.00	0.69	2.00	1.10	0.35	0.00	0.08	0.00	0.00	0.97	2.50
7180	0.69	0.27	0.00	0.08	0.00	0.00	0.54	1.58	0.86	0.28	0.00	0.08	0.00	0.00	0.76	1.98
7185	6.62	2.87	4.00	1.44	0.00	0.00	7.61	22.54	8.27	2.94	5.27	1.90	0.00	0.00	10.38	28.76
7190	1.17	0.46	0.00	0.08	0.00	0.00	0.91	2.62	1.46	0.47	0.00	0.08	0.00	0.00	1.29	3.30
7195	0.93	0.37	0.00	0.08	0.00	0.00	0.73	2.11	1.16	0.37	0.00	0.08	0.00	0.00	1.02	2.63
7200	1.28	0.51	0.00	0.08	0.00	0.00	1.01	2.88	1.61	0.52	0.00	0.08	0.00	0.00	1.42	3.63
7205	9.25	4.01	5.34	1.92	0.00	0.00	10.64	31.16	11.56	4.10	7.03	2.53	0.00	0.00	14.51	39.73
7210	1.22	0.48	0.00	0.08	0.00	0.00	0.96	2.74	1.53	0.49	0.00	0.08	0.00	0.00	1.35	3.45
7215	1.37	0.54	0.00	0.08	0.00	0.00	1.07	3.06	1.71	0.55	0.00	0.08	0.00	0.00	1.51	3.85
7220	1.40	0.55	0.00	0.08	0.00	0.00	1.10	3.13	1.75	0.56	0.00	0.08	0.00	0.00	1.54	3.93
7225	12.96	5.62	7.63	2.75	0.00	0.00	14.91	43.87	16.20	5.75	10.04	3.62	0.00	0.00	20.33	55.94
7230	1.81	0.72	0.00	0.08	0.00	0.00	1.42	4.03	2.27	0.73	0.00	0.08	0.00	0.00	2.00	5.08
7235	1.99	0.78	0.00	0.08	0.00	0.00	1.56	4.41	2.48	0.80	0.00	0.08	0.00	0.00	2.19	5.55
7240	1.58	0.62	0.00	0.08	0.00	0.00	1.24	3.52	1.97	0.64	0.00	0.08	0.00	0.00	1.74	4.43
7245	1.62	0.64	0.00	0.10	0.00	0.00	1.27	3.63	2.03	0.66	0.00	0.10	0.00	0.00	1.79	4.58
7250	21.39	8.43	12.77	3.58	0.00	0.00	18.87	65.04	26.73	8.64	16.82	4.71	0.00	0.00	26.20	83.10
7255	2.66	1.05	0.00	0.12	0.00	0.00	2.09	5.92	3.33	1.08	0.00	0.12	0.00	0.00	2.94	7.47
7260	2.93	1.16	0.00	0.13	0.00	0.00	2.30	6.52	3.67	1.19	0.00	0.13	0.00	0.00	3.24	8.23
7265	2.64	1.04	0.00	0.13	0.00	0.00	2.07	5.88	3.30	1.07	0.00	0.13	0.00	0.00	2.92	7.42
7270	0.08	0.03	0.00	0.05	0.00	0.00	0.06	0.22	0.10	0.03	0.00	0.05	0.00	0.00	0.09	0.27
7275	2.10	0.83	0.00	0.15	0.00	0.00	1.65	4.73	2.63	0.85	0.00	0.15	0.00	0.00	2.32	5.95
7280	25.32	10.71	17.54	4.21	0.00	0.00	21.01	78.79	30.38	10.91	23.10	5.54	0.00	0.00	28.02	97.95
7285	3.64	1.44	0.00	0.18	0.00	0.00	2.86	8.12	4.55	1.47	0.00	0.18	0.00	0.00	4.02	10.22
7290	3.85	1.52	0.00	0.19	0.00	0.00	3.02	8.58	4.81	1.56	0.00	0.19	0.00	0.00	4.25	10.81
7295	3.21	1.27	0.00	0.16	0.00	0.00	2.52	7.16	4.01	1.30	0.00	0.16	0.00	0.00	3.54	9.01
7300	0.95	0.37	0.00	0.12	0.00	0.00	0.74	2.18	1.18	0.38	0.00	0.12	0.00	0.00	1.04	2.72
7305	0.10	0.04	0.00	0.08	0.00	0.00	0.08	0.30	0.13	0.04	0.00	0.08	0.00	0.00	0.11	0.36
7310	2.28	0.90	0.00	0.20	0.00	0.00	1.79	5.17	2.85	0.92	0.00	0.20	0.00	0.00	2.51	6.48
7315	42.50	17.99	26.69	6.41	0.00	0.00	35.27	128.86	50.99	18.32	35.15	8.44	0.00	0.00	47.03	159.93
7320	5.53	2.18	0.00	0.28	0.00	0.00	4.34	12.33	6.91	2.23	0.00	0.28	0.00	0.00	6.10	15.52

TABLE 3-5. HOURLY RATE ELEMENTS (CONTINUED)

UNIT NO	AVERAGE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE	SEVERE CONDITIONS DEPR	CFC	FUEL	FOG	TIRE WEAR	TIRE RPR	REPR	TOTAL RATE
7325	6.07	2.39	0.00	0.29	0.00	0.00	4.76	13.51	7.59	2.45	0.00	0.29	0.00	0.00	6.70	17.03
7330	0.12	0.05	0.00	0.08	0.00	0.00	0.09	0.34	0.15	0.05	0.00	0.08	0.00	0.00	0.13	0.41
7335	4.10	1.62	0.00	0.20	0.00	0.00	3.21	9.13	5.12	1.66	0.00	0.20	0.00	0.00	4.52	11.50
7345	3.61	1.57	2.40	0.86	0.00	0.00	4.16	12.60	4.52	1.60	3.16	1.14	0.00	0.00	5.67	16.09
7350	4.25	1.84	2.97	1.07	0.00	0.00	4.89	15.02	5.31	1.89	3.92	1.41	0.00	0.00	6.67	19.20
7355	4.53	1.97	3.36	1.21	0.00	0.00	5.21	16.28	5.66	2.01	4.42	1.59	0.00	0.00	7.11	20.79
7360	0.75	0.30	0.00	0.08	0.00	0.00	0.59	1.72	0.94	0.30	0.00	0.08	0.00	0.00	0.83	2.15
7365	0.75	0.30	0.00	0.05	0.00	0.00	0.59	1.69	0.94	0.30	0.00	0.05	0.00	0.00	0.83	2.12
7370	6.28	2.72	4.65	1.67	0.00	0.00	7.22	22.54	7.85	2.79	6.13	2.21	0.00	0.00	9.85	28.83
7375	0.84	0.33	0.00	0.08	0.00	0.00	0.66	1.91	1.04	0.34	0.00	0.08	0.00	0.00	0.92	2.38
7380	1.02	0.40	0.00	0.05	0.00	0.00	0.80	2.27	1.28	0.41	0.00	0.05	0.00	0.00	1.13	2.87
7385	8.17	3.54	5.72	2.06	0.00	0.00	9.40	28.89	10.21	3.62	7.53	2.71	0.00	0.00	12.81	36.88
7390	1.28	0.50	0.00	0.08	0.00	0.00	1.00	2.86	1.60	0.52	0.00	0.08	0.00	0.00	1.41	3.61
7395	1.28	0.50	0.00	0.05	0.00	0.00	1.00	2.83	1.60	0.52	0.00	0.05	0.00	0.00	1.41	3.58
7400	12.37	5.37	8.50	3.06	0.00	0.00	14.23	43.53	15.45	5.49	11.20	4.03	0.00	0.00	19.41	55.59
7405	1.36	0.54	0.00	0.08	0.00	0.00	1.07	3.05	1.71	0.55	0.00	0.08	0.00	0.00	1.50	3.84
7410	1.43	0.56	0.00	0.08	0.00	0.00	1.12	3.19	1.79	0.58	0.00	0.08	0.00	0.00	1.58	4.03
7415	1.94	0.76	0.00	0.05	0.00	0.00	1.52	4.27	2.43	0.78	0.00	0.05	0.00	0.00	2.14	5.40
7420	20.37	8.03	11.44	3.20	0.00	0.00	17.97	61.01	25.47	8.23	15.07	4.22	0.00	0.00	24.96	77.95
7425	2.71	1.07	0.00	0.12	0.00	0.00	2.12	6.02	3.38	1.09	0.00	0.12	0.00	0.00	2.99	7.58
7430	2.74	1.08	0.00	0.10	0.00	0.00	2.15	6.07	3.43	1.11	0.00	0.10	0.00	0.00	3.02	7.66
7435	26.06	11.03	17.35	4.16	0.00	0.00	21.63	80.23	31.27	11.23	22.85	5.48	0.00	0.00	28.84	99.67
7440	4.10	1.62	0.00	0.22	0.00	0.00	3.22	9.16	5.13	1.66	0.00	0.22	0.00	0.00	4.53	11.54
7445	4.21	1.66	0.00	0.25	0.00	0.00	3.30	9.42	5.26	1.70	0.00	0.25	0.00	0.00	4.64	11.85
7450	2.62	1.03	0.00	0.12	0.00	0.00	2.05	5.82	3.27	1.06	0.00	0.12	0.00	0.00	2.89	7.34
7455	34.95	14.79	20.02	4.80	0.00	0.00	29.01	103.57	41.94	15.07	26.37	6.33	0.00	0.00	38.68	128.39
7460	4.72	1.86	0.00	0.26	0.00	0.00	3.70	10.54	5.91	1.91	0.00	0.26	0.00	0.00	5.21	13.29
7465	5.41	2.13	0.00	0.25	0.00	0.00	4.24	12.03	6.76	2.18	0.00	0.25	0.00	0.00	5.96	15.15
7470	3.01	1.19	0.00	0.12	0.00	0.00	2.36	6.68	3.77	1.22	0.00	0.12	0.00	0.00	3.32	8.43
7480	3.80	1.65	2.48	0.89	0.00	0.00	4.37	13.19	4.75	1.69	3.26	1.18	0.00	0.00	5.96	16.84
7485	4.85	2.11	2.97	1.07	0.00	0.00	5.59	16.59	6.07	2.15	3.92	1.41	0.00	0.00	7.62	21.17
7490	7.06	3.06	4.19	1.51	0.00	0.00	8.12	23.94	8.82	3.13	5.52	1.99	0.00	0.00	11.07	30.53
7495	9.00	3.90	5.34	1.92	0.00	0.00	10.35	30.51	11.25	3.99	7.03	2.53	0.00	0.00	14.11	38.91
7500	1.04	0.41	0.00	0.05	0.00	0.00	0.82	2.32	1.30	0.42	0.00	0.05	0.00	0.00	1.15	2.92
7505	1.18	0.46	0.00	0.05	0.00	0.00	0.92	2.61	1.47	0.48	0.00	0.05	0.00	0.00	1.30	3.30
7510	13.94	6.05	8.01	2.88	0.00	0.00	16.04	46.92	17.43	6.18	10.55	3.80	0.00	0.00	21.87	59.83
7515	1.84	0.73	0.00	0.05	0.00	0.00	1.44	4.06	2.30	0.74	0.00	0.05	0.00	0.00	2.03	5.12
7520	1.25	0.49	0.00	0.05	0.00	0.00	0.98	2.77	1.57	0.51	0.00	0.05	0.00	0.00	1.38	3.51
7525	19.21	7.57	11.82	3.31	0.00	0.00	16.95	58.86	24.02	7.76	15.57	4.36	0.00	0.00	23.54	75.25
7530	2.28	0.90	0.00	0.10	0.00	0.00	1.79	5.07	2.85	0.92	0.00	0.10	0.00	0.00	2.51	6.38
7535	1.89	0.74	0.00	0.12	0.00	0.00	1.48	4.23	2.36	0.76	0.00	0.12	0.00	0.00	2.08	5.32
7540	0.79	0.31	0.00	0.08	0.00	0.00	0.62	1.80	0.98	0.32	0.00	0.08	0.00	0.00	0.87	2.25
7545	0.46	0.18	0.00	0.13	0.00	0.00	0.36	1.13	0.57	0.19	0.00	0.13	0.00	0.00	0.51	1.40
7550	0.07	0.03	0.00	0.08	0.00	0.00	0.06	0.24	0.09	0.03	0.00	0.08	0.00	0.00	0.08	0.28
7560	2.69	1.17	1.60	0.58	0.00	0.00	3.09	9.13	3.36	1.19	2.11	0.76	0.00	0.00	4.22	11.64
7565	3.70	1.61	2.48	0.89	0.00	0.00	4.26	12.94	4.63	1.64	3.26	1.18	0.00	0.00	5.81	16.52
7570	4.44	1.92	2.75	0.99	0.00	0.00	5.10	15.20	5.54	1.97	3.62	1.30	0.00	0.00	6.96	19.39
7575	8.49	3.68	4.19	1.51	0.00	0.00	9.76	27.63	10.61	3.77	5.52	1.99	0.00	0.00	13.32	35.21
7580	11.25	4.88	5.53	1.99	0.00	0.00	12.94	36.59	14.06	4.99	7.28	2.62	0.00	0.00	17.65	46.60
7590	3.10	1.35	2.52	0.91	0.00	0.00	3.57	11.45	3.88	1.38	3.31	1.19	0.00	0.00	4.87	14.63
7595	0.54	0.21	0.00	0.05	0.00	0.00	0.42	1.22	0.67	0.22	0.00	0.05	0.00	0.00	0.59	1.53
7600	4.66	2.02	3.43	1.24	0.00	0.00	5.36	16.71	5.82	2.07	4.52	1.63	0.00	0.00	7.31	21.35
7605	0.58	0.23	0.00	0.05	0.00	0.00	0.46	1.32	0.73	0.24	0.00	0.05	0.00	0.00	0.64	1.66
7610	6.80	2.95	4.50	1.62	0.00	0.00	7.83	23.70	8.50	3.02	5.93	2.13	0.00	0.00	10.67	30.25
7615	0.64	0.25	0.00	0.05	0.00	0.00	0.50	1.44	0.80	0.26	0.00	0.05	0.00	0.00	0.71	1.82

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
7620	9.62	4.17	6.29	2.26	0.00	0.00	11.07	33.41	12.03	4.27	8.29	2.98	0.00	0.00	15.09	42.66
7625	0.84	0.33	0.00	0.05	0.00	0.00	0.66	1.88	1.05	0.34	0.00	0.05	0.00	0.00	0.93	2.37
7630	12.70	5.51	8.39	3.02	0.00	0.00	14.61	44.23	15.88	5.63	11.05	3.98	0.00	0.00	19.93	56.47
7635	1.32	0.52	0.00	0.08	0.00	0.00	1.03	2.95	1.65	0.53	0.00	0.08	0.00	0.00	1.46	3.72
7640	1.41	0.55	0.00	0.10	0.00	0.00	1.10	3.16	1.76	0.57	0.00	0.10	0.00	0.00	1.55	3.98
7645	18.74	7.39	12.20	3.42	0.00	0.00	16.53	58.28	23.43	7.57	16.07	4.50	0.00	0.00	22.96	74.53
7650	1.81	0.71	0.00	0.14	0.00	0.00	1.42	4.08	2.27	0.73	0.00	0.14	0.00	0.00	2.00	5.14
7655	1.91	0.75	0.00	0.14	0.00	0.00	1.50	4.30	2.39	0.77	0.00	0.14	0.00	0.00	2.11	5.41
7660	25.06	9.88	15.63	4.38	0.00	0.00	22.10	77.05	31.32	10.12	20.59	5.77	0.00	0.00	30.70	98.50
7665	2.47	0.97	0.00	0.20	0.00	0.00	1.93	5.57	3.08	1.00	0.00	0.20	0.00	0.00	2.72	7.00
7670	2.25	0.89	0.00	0.18	0.00	0.00	1.76	5.08	2.81	0.91	0.00	0.18	0.00	0.00	2.48	6.38
7675	39.22	16.60	23.64	5.67	0.00	0.00	32.55	117.68	47.07	16.91	31.14	7.47	0.00	0.00	43.40	145.99
7680	5.86	2.31	0.00	0.24	0.00	0.00	4.60	13.01	7.33	2.37	0.00	0.24	0.00	0.00	6.46	16.40
7685	5.51	2.17	0.00	0.21	0.00	0.00	4.32	12.21	6.88	2.22	0.00	0.21	0.00	0.00	6.07	15.38
7690	5.15	2.03	0.00	0.19	0.00	0.00	4.04	11.41	6.44	2.08	0.00	0.19	0.00	0.00	5.68	14.39
7700	12.33	5.35	7.82	2.81	0.00	0.00	14.19	42.50	15.41	5.47	10.30	3.71	0.00	0.00	19.35	54.24
7705	1.30	0.51	0.00	0.05	0.00	0.00	1.02	2.88	1.62	0.52	0.00	0.05	0.00	0.00	1.43	3.62
7710	1.45	0.57	0.00	0.05	0.00	0.00	1.14	3.21	1.81	0.59	0.00	0.05	0.00	0.00	1.60	4.05
7715	1.49	0.59	0.00	0.05	0.00	0.00	1.16	3.29	1.86	0.60	0.00	0.05	0.00	0.00	1.64	4.15
7720	15.40	6.07	9.91	2.78	0.00	0.00	13.58	47.74	19.25	6.22	13.06	3.66	0.00	0.00	18.86	61.05
7725	1.83	0.72	0.00	0.05	0.00	0.00	1.44	4.04	2.29	0.74	0.00	0.05	0.00	0.00	2.02	5.10
7730	2.41	0.95	0.00	0.05	0.00	0.00	1.89	5.30	3.01	0.97	0.00	0.05	0.00	0.00	2.65	6.68
7735	2.00	0.79	0.00	0.05	0.00	0.00	1.57	4.41	2.51	0.81	0.00	0.05	0.00	0.00	2.21	5.58
7740	20.68	8.15	13.35	3.74	0.00	0.00	18.24	64.16	25.85	8.35	17.58	4.92	0.00	0.00	25.34	82.04
7745	2.40	0.94	0.00	0.12	0.00	0.00	1.88	5.34	3.00	0.97	0.00	0.12	0.00	0.00	2.64	6.73
7750	2.63	1.04	0.00	0.13	0.00	0.00	2.06	5.86	3.28	1.06	0.00	0.13	0.00	0.00	2.90	7.37
7755	2.30	0.90	0.00	0.11	0.00	0.00	1.80	5.11	2.87	0.93	0.00	0.11	0.00	0.00	2.53	6.44
7760	0.10	0.04	0.00	0.05	0.00	0.00	0.08	0.27	0.12	0.04	0.00	0.05	0.00	0.00	0.11	0.32
7765	0.61	0.24	0.00	0.11	0.00	0.00	0.48	1.44	0.77	0.25	0.00	0.11	0.00	0.00	0.68	1.81
7775	12.29	5.22	7.42	2.08	2.46	0.37	7.87	37.71	15.36	5.35	9.76	2.73	5.16	0.77	10.66	49.79
7780	17.11	7.56	10.96	3.07	6.12	0.92	11.06	56.80	21.39	7.74	14.41	4.04	12.82	1.92	14.97	77.29
7785	25.09	11.22	15.90	4.45	7.32	1.10	16.26	81.34	31.36	11.49	20.92	5.86	15.34	2.30	22.02	109.29
7795	19.44	8.58	10.67	2.99	6.90	1.04	12.56	62.18	24.31	8.79	14.04	3.93	14.46	2.17	17.01	84.71
7800	32.75	14.55	20.21	5.66	8.92	1.34	21.19	104.62	40.93	14.90	26.60	7.45	18.68	2.80	28.69	140.05
7810	1.09	0.46	1.52	0.43	0.22	0.03	0.70	4.45	1.36	0.47	2.00	0.56	0.45	0.07	0.94	5.85
7815	1.39	0.59	2.19	0.61	0.24	0.04	0.89	5.95	1.74	0.60	2.88	0.81	0.49	0.07	1.21	7.80
7825	0.25	0.11	0.74	0.21	0.04	0.01	0.24	1.60	0.32	0.11	0.97	0.27	0.05	0.01	0.33	2.06
7830	1.08	0.44	1.48	0.42	0.05	0.01	1.00	4.48	1.36	0.45	1.93	0.54	0.07	0.01	1.38	5.74
7835	1.51	0.61	2.31	0.65	0.07	0.01	1.38	6.54	1.88	0.63	3.01	0.84	0.10	0.02	1.92	8.40
7840	2.72	1.12	2.26	0.63	0.21	0.03	2.51	9.48	3.40	1.15	2.98	0.83	0.30	0.05	3.48	12.19
7845	5.61	2.29	3.71	1.04	0.34	0.05	5.15	18.19	7.01	2.35	4.88	1.37	0.49	0.07	7.16	23.33
7860	1.85	0.75	0.85	0.24	0.07	0.01	1.70	5.47	2.31	0.77	1.12	0.31	0.10	0.02	2.36	6.99
7865	3.61	1.47	1.55	0.44	0.21	0.03	3.32	10.63	4.51	1.51	2.05	0.57	0.30	0.05	4.61	13.60
7870	4.00	1.63	1.94	0.54	0.21	0.03	3.67	12.02	5.00	1.67	2.56	0.72	0.30	0.05	5.10	15.40
7875	6.48	2.58	3.99	1.12	0.00	0.00	5.93	20.10	8.10	2.64	5.25	1.47	0.00	0.00	8.23	25.69
7880	12.73	5.07	6.18	1.73	0.00	0.00	11.64	37.35	15.91	5.20	8.14	2.28	0.00	0.00	16.17	47.70
7890	10.52	4.19	3.53	0.99	0.00	0.00	9.62	28.85	13.15	4.30	4.65	1.30	0.00	0.00	13.37	36.77
7895	15.34	6.11	5.65	1.58	0.00	0.00	14.03	42.71	19.17	6.26	7.44	2.08	0.00	0.00	19.48	54.43
7900	19.69	7.85	5.65	1.58	0.00	0.00	18.01	52.78	24.61	8.04	7.44	2.08	0.00	0.00	25.01	67.18
7910	8.45	3.37	2.37	0.66	0.00	0.00	7.73	22.58	10.56	3.45	3.12	0.87	0.00	0.00	10.73	28.73
7915	9.20	3.67	2.37	0.66	0.00	0.00	8.41	24.31	11.50	3.76	3.12	0.87	0.00	0.00	11.69	30.94
7920	9.48	3.78	2.37	0.66	0.00	0.00	8.67	24.96	11.84	3.87	3.12	0.87	0.00	0.00	12.04	31.74
7925	17.95	7.16	5.30	1.48	0.00	0.00	16.42	48.31	22.44	7.33	6.97	1.95	0.00	0.00	22.81	61.50
7930	22.36	8.91	6.18	1.73	0.00	0.00	20.45	59.63	27.95	9.13	8.14	2.28	0.00	0.00	28.41	75.91
7945	0.99	0.29	2.57	0.72	0.13	0.02	0.80	5.52	1.19	0.30	3.42	0.96	0.16	0.02	1.09	7.14

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
7950	1.24	0.36	2.57	0.72	0.15	0.02	1.00	6.06	1.48	0.37	3.42	0.96	0.20	0.03	1.37	7.83
7955	1.08	0.32	2.57	0.72	0.17	0.03	0.87	5.76	1.29	0.33	3.42	0.96	0.21	0.03	1.20	7.44
7960	1.28	0.38	2.57	0.72	0.20	0.03	1.03	6.21	1.54	0.39	3.42	0.96	0.26	0.04	1.42	8.03
7965	1.13	0.35	2.57	0.72	0.27	0.04	0.92	6.00	1.35	0.36	3.42	0.96	0.34	0.05	1.26	7.74
7970	1.45	0.58	6.74	2.02	0.45	0.07	1.02	12.33	1.93	0.60	8.66	2.60	0.57	0.09	1.58	16.03
7975	2.06	0.81	4.15	1.08	0.45	0.07	1.43	10.05	2.74	0.83	5.39	1.40	0.57	0.09	2.23	13.25
7980	1.70	0.67	7.74	2.32	0.45	0.07	1.19	14.14	2.27	0.70	9.96	2.99	0.57	0.09	1.85	18.43
7985	2.34	0.91	4.15	1.08	0.45	0.07	1.63	10.63	3.12	0.94	5.39	1.40	0.57	0.09	2.53	14.04
7990	1.87	0.74	7.74	2.32	0.52	0.08	1.31	14.58	2.49	0.77	9.96	2.99	0.66	0.10	2.03	19.00
7995	2.33	0.95	4.15	1.08	0.89	0.13	1.64	11.17	3.11	0.99	5.39	1.40	1.14	0.17	2.56	14.76
8000	3.12	1.13	14.49	4.64	0.91	0.14	2.03	26.46	4.17	1.17	18.68	5.98	1.17	0.18	3.15	34.50
8005	4.32	1.54	6.72	1.88	1.11	0.17	2.80	18.54	5.76	1.60	8.74	2.45	1.44	0.22	4.35	24.56
8010	4.52	1.61	6.72	1.88	1.15	0.17	2.93	18.98	6.03	1.68	8.74	2.45	1.48	0.22	4.56	25.16
3015	4.26	1.53	6.72	1.88	1.15	0.17	2.76	18.47	5.68	1.59	8.74	2.45	1.48	0.22	4.29	24.45
8020	5.02	1.78	6.72	1.88	1.15	0.17	3.25	19.97	6.69	1.85	8.74	2.45	1.48	0.22	5.05	26.48
8025	6.60	2.34	9.18	2.57	1.56	0.23	4.27	26.75	8.80	2.43	11.93	3.34	2.02	0.30	6.64	35.46
8030	7.00	2.49	9.18	2.57	1.67	0.25	4.53	27.69	9.33	2.59	11.93	3.34	2.15	0.32	7.04	36.70
8035	6.61	2.36	9.18	2.57	1.67	0.25	4.28	26.92	8.82	2.45	11.93	3.34	2.15	0.32	6.66	35.67
8040	6.58	2.32	10.98	3.08	1.39	0.21	4.25	28.81	8.77	2.41	14.28	4.00	1.80	0.27	6.60	38.13
8050	0.99	0.29	3.09	0.87	0.14	0.02	0.80	6.20	1.18	0.30	4.12	1.15	0.18	0.03	1.09	8.05
8055	1.28	0.38	3.09	0.87	0.14	0.02	1.03	6.81	1.54	0.39	4.12	1.15	0.18	0.03	1.42	8.83
8060	1.42	0.42	3.09	0.87	0.16	0.02	1.14	7.12	1.70	0.43	4.12	1.15	0.21	0.03	1.57	9.21
8065	1.18	0.35	3.09	0.87	0.14	0.02	0.95	6.60	1.42	0.36	4.12	1.15	0.18	0.03	1.31	8.57
8070	1.38	0.41	3.09	0.87	0.17	0.03	1.11	7.06	1.66	0.42	4.12	1.15	0.22	0.03	1.53	9.13
8075	1.30	0.39	3.00	0.84	0.28	0.04	1.05	6.90	1.56	0.41	4.00	1.12	0.35	0.05	1.44	8.93
8080	1.33	0.54	7.04	2.11	0.45	0.07	0.93	12.47	1.77	0.56	9.06	2.72	0.57	0.09	1.45	16.22
8085	1.45	0.58	7.04	2.11	0.45	0.07	1.02	12.72	1.94	0.60	9.06	2.72	0.57	0.09	1.58	16.56
8090	2.11	0.83	4.22	1.10	0.45	0.07	1.47	10.25	2.82	0.86	5.49	1.43	0.57	0.09	2.29	13.55
8095	1.53	0.62	7.83	2.35	0.52	0.08	1.08	14.01	2.04	0.64	10.07	3.02	0.66	0.10	1.67	18.20
8100	3.16	1.23	5.76	1.50	0.65	0.10	2.20	14.60	4.21	1.28	7.49	1.95	0.83	0.12	3.42	19.30
8105	2.92	1.08	13.45	4.31	1.14	0.17	1.90	24.97	3.89	1.12	17.34	5.55	1.47	0.22	2.96	32.55
8110	3.57	1.29	7.87	2.20	1.14	0.17	2.32	18.56	4.75	1.35	10.23	2.87	1.47	0.22	3.61	24.50
8115	4.19	1.48	9.02	2.53	0.90	0.13	2.71	20.96	5.59	1.54	11.73	3.28	1.15	0.17	4.21	27.67
8120	4.69	1.67	8.06	2.26	1.14	0.17	3.03	21.02	6.25	1.73	10.48	2.94	1.47	0.22	4.72	27.81
8125	4.34	1.69	5.89	1.53	0.89	0.13	3.02	17.49	5.78	1.75	7.65	1.99	1.12	0.17	4.69	23.15
8130	5.51	1.94	11.52	3.23	1.14	0.17	3.56	27.07	7.35	2.01	14.98	4.19	1.47	0.22	5.53	35.75
8135	5.59	2.01	11.79	3.30	1.48	0.22	3.63	28.02	7.46	2.08	15.33	4.29	1.88	0.28	5.64	36.96
8140	6.56	2.34	11.79	3.30	1.64	0.25	4.25	30.13	8.75	2.43	15.33	4.29	2.09	0.31	6.61	39.81
8150	1.58	0.62	3.97	1.03	0.33	0.05	1.10	8.68	2.11	0.64	5.16	1.34	0.41	0.06	1.71	11.43
8155	1.40	0.55	6.43	1.93	0.33	0.05	0.98	11.67	1.87	0.57	8.27	2.48	0.41	0.06	1.52	15.18
8160	2.06	0.79	4.22	1.10	0.33	0.05	1.43	9.98	2.74	0.82	5.49	1.43	0.41	0.06	2.22	13.17
8165	2.59	1.00	4.61	1.20	0.45	0.07	1.79	11.71	3.45	1.04	5.99	1.56	0.57	0.09	2.79	15.49
8170	4.33	1.55	8.06	2.26	1.14	0.17	2.80	20.31	5.77	1.61	10.48	2.94	1.47	0.22	4.36	26.85
8175	5.83	2.04	8.83	2.47	1.14	0.17	3.76	24.24	7.77	2.12	11.48	3.21	1.47	0.22	5.85	32.12
8180	6.13	2.14	11.52	3.23	1.14	0.17	3.95	28.28	8.18	2.23	14.98	4.19	1.47	0.22	6.15	37.42
8185	5.97	2.09	8.06	2.26	1.14	0.17	3.85	23.54	7.95	2.17	10.48	2.94	1.47	0.22	5.98	31.21
8190	6.25	2.18	8.83	2.47	1.14	0.17	4.03	25.07	8.33	2.27	11.48	3.21	1.47	0.22	6.26	33.24
8200	6.55	2.30	11.52	3.23	1.27	0.19	4.23	29.29	8.74	2.39	14.98	4.19	1.63	0.25	6.57	38.75
8205	6.61	2.31	11.52	3.23	1.27	0.19	4.26	29.39	8.81	2.40	14.98	4.19	1.63	0.25	6.63	38.89
8210	7.13	2.49	10.37	2.90	1.27	0.19	4.59	28.94	9.51	2.58	13.48	3.77	1.63	0.25	7.14	38.36
8220	7.24	2.55	9.41	2.63	1.60	0.24	4.67	28.34	9.65	2.65	12.23	3.42	2.10	0.31	7.27	37.63
8225	6.38	2.24	11.52	3.23	1.27	0.19	4.12	28.95	8.51	2.33	14.98	4.19	1.63	0.25	6.40	38.29
8230	6.14	2.16	11.52	3.23	1.27	0.19	3.96	28.47	8.19	2.24	14.98	4.19	1.63	0.25	6.17	37.65
8235	6.90	2.41	13.44	3.76	1.27	0.19	4.45	32.42	9.20	2.51	17.47	4.89	1.63	0.25	6.92	42.87
8245	2.65	0.87	0.00	0.10	0.00	0.00	1.89	5.51								

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	3.18	1.04	0.00	0.10	0.00	0.00	2.27	6.59								
8255	4.93	1.61	0.00	0.10	0.00	0.00	3.52	10.16								
8260	6.09	1.99	0.00	0.10	0.00	0.00	4.35	12.53								
8265	6.75	2.21	0.00	0.10	0.00	0.00	4.81	13.87								
8275	0.64	0.21	0.00	0.09	0.00	0.00	0.45	1.39	0.85	0.22	0.00	0.09	0.00	0.00	0.69	1.85
8280	1.01	0.33	0.00	0.09	0.00	0.00	0.72	2.15	1.34	0.34	0.00	0.09	0.00	0.00	1.09	2.86
8285	1.02	0.33	0.00	0.09	0.00	0.00	0.73	2.17	1.36	0.35	0.00	0.09	0.00	0.00	1.11	2.91
8290	1.03	0.34	0.00	0.09	0.00	0.00	0.74	2.20	1.38	0.35	0.00	0.09	0.00	0.00	1.12	2.94
8300	0.21	0.07	0.00	0.00	0.00	0.00	0.15	0.43								
8305	0.21	0.07	0.00	0.00	0.00	0.00	0.15	0.43								
8310	0.23	0.08	0.00	0.00	0.00	0.00	0.17	0.48								
8315	0.28	0.09	0.00	0.00	0.00	0.00	0.20	0.57								
8320	0.30	0.10	0.00	0.00	0.00	0.00	0.22	0.62								
8325	0.29	0.09	0.00	0.00	0.00	0.00	0.20	0.58								
8335	0.24	0.08	0.00	0.09	0.00	0.00	0.17	0.58								
8340	0.28	0.09	0.00	0.09	0.00	0.00	0.20	0.66								
8345	0.78	0.25	0.00	0.09	0.00	0.00	0.55	1.67								
8350	0.88	0.29	0.00	0.09	0.00	0.00	0.63	1.89								
8360	2.74	0.90	0.00	0.13	0.00	0.00	1.96	5.73								
8365	2.79	0.91	0.00	0.13	0.00	0.00	1.99	5.82								
8370	2.82	0.92	0.00	0.13	0.00	0.00	2.01	5.88								
8375	2.86	0.93	0.00	0.13	0.00	0.00	2.04	5.96								
8385	1.22	0.40	0.00	0.00	0.00	0.00	0.87	2.49								
8390	1.29	0.42	0.00	0.00	0.00	0.00	0.92	2.63								
8395	1.37	0.45	0.00	0.00	0.00	0.00	0.98	2.80								
8405	2.08	0.83	0.00	0.09	0.56	0.08	1.21	4.85	2.60	0.86	0.00	0.09	0.68	0.10	1.77	6.10
8410	2.51	0.99	0.00	0.09	0.56	0.08	1.46	5.69	3.13	1.01	0.00	0.09	0.68	0.10	2.13	7.14
8415	2.54	1.00	0.00	0.09	0.56	0.08	1.48	5.75	3.17	1.03	0.00	0.09	0.68	0.10	2.15	7.22
8420	2.97	1.19	0.00	0.09	0.80	0.12	1.73	6.90	3.71	1.22	0.00	0.09	0.96	0.14	2.53	8.65
8425	3.60	1.40	0.00	0.09	0.68	0.10	2.09	7.96	4.50	1.44	0.00	0.09	0.82	0.12	3.05	10.02
8430	7.24	2.96	0.00	0.09	2.39	0.36	4.24	17.28	9.04	3.04	0.00	0.09	2.88	0.43	6.18	21.66
8435	8.01	3.30	0.00	0.09	2.81	0.42	4.70	19.33	10.01	3.39	0.00	0.09	3.39	0.51	6.85	24.24
8445	2.83	1.10	0.00	0.09	0.56	0.08	1.64	6.30	3.53	1.13	0.00	0.09	0.68	0.10	2.40	7.93
8455	1.28	0.72	0.00	0.09	0.51	0.08	0.78	3.46								
8460	1.42	0.80	0.00	0.09	0.55	0.08	0.87	3.81								
8465	1.56	0.87	0.00	0.09	0.56	0.08	0.96	4.12								
8470	1.76	1.00	0.00	0.13	0.76	0.11	1.08	4.84								
8475	1.82	1.05	0.00	0.13	0.82	0.12	1.13	5.07								
8480	2.14	1.21	0.00	0.13	0.84	0.13	1.31	5.76								
8485	2.22	1.30	0.00	0.13	1.15	0.17	1.38	6.35								
8490	2.79	1.58	0.00	0.13	1.15	0.17	1.72	7.54								
8495	2.89	1.63	0.00	0.13	1.15	0.17	1.78	7.75								
8500	3.38	1.87	0.00	0.17	1.12	0.17	2.06	8.77								
8505	3.58	2.01	0.00	0.17	1.37	0.21	2.20	9.54								
8510	4.00	2.25	0.00	0.17	1.53	0.23	2.45	10.63								
8515	4.49	2.61	0.00	0.17	2.18	0.33	2.79	12.57								
8520	1.04	0.62	0.00	0.09	0.56	0.08	0.65	3.04								
8530	0.98	0.59	0.00	0.09	0.56	0.08	0.61	2.91								
8540	1.26	0.72	0.00	0.11	0.56	0.08	0.78	3.51								
8545	1.27	0.73	0.00	0.11	0.56	0.08	0.78	3.53								
8555	0.64	0.39	0.00	0.10	0.38	0.06	0.40	1.97								
8560	0.72	0.44	0.00	0.10	0.47	0.07	0.45	2.25								
8565	0.78	0.48	0.00	0.10	0.51	0.08	0.49	2.44								
8575	2.06	1.02	2.23	0.62	0.20	0.03	1.06	7.22								
8580	2.10	1.07	2.23	0.62	0.41	0.06	1.09	7.58								

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
8585	2.20	1.12	2.23	0.62	0.41	0.06	1.14	7.78								
8595	19.46	8.80	10.04	3.41	5.70	0.85	11.20	59.46	23.36	8.97	12.97	4.41	9.50	1.42	15.68	76.31
8600	27.00	12.38	14.51	4.93	9.81	1.47	15.57	85.67	32.40	12.61	18.74	6.37	16.35	2.45	21.80	110.72
8605	36.68	17.27	19.42	6.60	13.11	1.97	21.25	116.30	44.01	17.58	25.08	8.53	21.86	3.28	29.75	150.09
8610	16.97	7.74	10.04	3.41	5.70	0.85	9.78	54.49	20.36	7.88	12.97	4.41	9.50	1.42	13.69	70.23
8615	24.68	11.62	14.51	4.93	12.37	1.86	14.30	84.27	29.61	11.83	18.74	6.37	20.62	3.09	20.02	110.28
8620	31.30	15.27	19.42	6.60	15.51	2.33	18.24	108.67	37.56	15.55	25.08	8.53	25.85	3.88	25.54	141.99
8630	15.70	7.10	5.69	1.94	3.73	0.56	9.04	43.76	18.84	7.23	7.35	2.50	6.00	0.90	12.65	55.47
8635	16.53	7.74	5.80	1.97	6.29	0.94	9.57	48.84	19.83	7.88	7.50	2.55	10.12	1.52	13.39	62.79
8640	27.10	12.62	10.04	3.41	9.66	1.45	15.67	79.95	32.52	12.85	12.97	4.41	15.53	2.33	21.94	102.55
8650	12.98	5.89	4.78	1.62	2.87	0.43	7.47	36.04	15.57	6.00	6.17	2.10	4.79	0.72	10.46	45.81
8655	20.83	9.38	10.04	3.41	5.70	0.85	11.98	62.19	24.99	9.56	12.97	4.41	9.50	1.42	16.77	79.62
8660	26.97	12.37	13.57	4.61	9.81	1.47	15.56	84.36	32.37	12.60	17.53	5.96	16.35	2.45	21.78	109.04
8665	35.34	16.53	14.42	4.90	11.76	1.76	20.45	105.16	42.41	16.83	18.62	6.33	19.60	2.94	28.64	135.37
8670	36.11	17.03	16.85	5.73	13.11	1.97	20.93	111.73	43.33	17.34	21.77	7.40	21.86	3.28	29.30	144.28
8685	11.63	5.24	4.80	1.63	3.13	0.47	6.69	33.59	13.96	5.33	6.20	2.11	5.22	0.78	9.36	42.96
8690	16.89	7.64	7.16	2.44	4.91	0.74	9.72	49.50	20.26	7.78	9.25	3.15	8.19	1.23	13.61	63.47
8695	20.22	9.45	11.00	3.74	9.34	1.40	11.70	66.85	24.27	9.62	14.21	4.83	15.57	2.33	16.38	87.21
8700	27.32	12.75	13.93	4.74	12.37	1.86	15.80	88.77	32.78	12.98	17.99	6.12	20.62	3.09	22.12	115.70
8705	40.24	18.78	18.75	6.37	13.11	1.97	23.28	122.50	48.28	19.13	24.22	8.23	21.86	3.28	32.59	157.59
8710	58.88	27.47	24.37	8.29	19.03	2.86	34.07	174.97	70.66	27.98	31.48	10.70	31.73	4.76	47.69	225.00
8720	20.67	9.32	9.37	3.19	5.70	0.85	11.89	60.99	24.80	9.49	12.11	4.12	9.50	1.42	16.65	78.09
8725	29.11	13.28	12.86	4.37	9.81	1.47	16.78	87.68	34.94	13.53	16.61	5.65	16.35	2.45	23.49	113.02
8730	30.90	14.27	14.33	4.87	12.37	1.86	17.85	96.45	37.08	14.53	18.51	6.29	20.62	3.09	24.99	125.11
8735	34.76	16.18	15.16	5.15	10.94	1.64	20.10	103.93	41.71	16.48	19.58	6.66	18.24	2.74	28.14	133.55
8740	38.64	18.10	18.26	6.21	13.11	1.97	22.37	118.66	46.37	18.44	23.58	8.02	21.86	3.28	31.32	152.87
8745	46.09	22.02	23.44	7.97	19.03	2.86	26.77	148.18	55.31	22.42	30.27	10.29	31.73	4.76	37.48	192.26
8755	8.58	4.31	5.30	1.70	1.75	0.26	5.28	27.18	10.30	4.38	6.97	2.23	2.35	0.35	6.87	33.45
8760	14.77	7.63	11.66	3.73	4.42	0.66	9.15	52.02	17.73	7.75	15.34	4.91	5.96	0.89	11.90	64.48
8765	20.47	10.64	15.90	5.09	6.58	0.99	12.70	72.37	24.56	10.82	20.92	6.70	8.86	1.33	16.51	89.70
8770	21.04	10.91	15.90	5.09	6.58	0.99	13.05	73.56	25.25	11.09	20.92	6.70	8.86	1.33	16.96	91.11
8775	25.33	13.15	19.44	6.22	8.09	1.21	15.71	89.15	30.39	13.37	25.57	8.18	10.89	1.63	20.43	110.46
8780	25.75	13.35	19.44	6.22	8.09	1.21	15.97	90.03	30.90	13.58	25.57	8.18	10.89	1.63	20.76	111.51
8790	14.80	7.64	11.66	3.73	4.42	0.66	9.17	52.08	17.76	7.77	15.34	4.91	5.96	0.89	11.92	64.55
8795	20.24	10.53	15.90	5.09	6.58	0.99	12.56	71.89	24.28	10.70	20.92	6.70	8.86	1.33	16.33	89.12
8800	20.54	10.67	15.90	5.09	6.58	0.99	12.74	72.51	24.65	10.85	20.92	6.70	8.86	1.33	16.57	89.88
8805	26.40	13.66	19.44	6.22	8.09	1.21	16.36	91.38	31.68	13.88	25.57	8.18	10.89	1.63	21.27	113.10
8810	26.83	13.86	19.44	6.22	8.09	1.21	16.63	92.28	32.20	14.09	25.57	8.18	10.89	1.63	21.61	114.17
8820	17.29	8.02	11.66	3.73	6.12	0.92	9.99	57.73	20.75	8.16	15.34	4.91	10.22	1.53	13.99	74.90
8825	25.20	11.88	15.90	5.09	9.86	1.48	14.60	84.01	30.24	12.10	20.92	6.70	15.96	2.39	20.45	108.76
8830	39.75	18.93	22.97	7.35	17.93	2.69	23.08	132.70	47.71	19.27	30.22	9.67	29.39	4.41	32.31	172.98
8840	16.25	7.58	9.79	3.13	5.99	0.90	9.40	53.04	19.50	7.72	12.88	4.12	9.91	1.49	13.16	68.78
8845	27.53	12.84	16.12	5.16	7.63	1.15	15.92	86.35	33.04	13.07	21.20	6.79	12.62	1.89	22.29	110.90
8855	18.02	8.33	11.66	3.73	6.12	0.92	10.41	59.19	21.62	8.48	15.34	4.91	10.22	1.53	14.57	76.67
8860	26.04	11.96	15.90	5.09	8.21	1.23	15.02	83.45	31.25	12.18	20.92	6.70	13.75	2.06	21.03	107.89
8870	4.53	1.16	4.74	1.33	0.04	0.01	5.09	16.90								
8875	6.88	1.76	8.33	2.33	0.04	0.01	7.72	27.07								
8885	1.07	0.50	0.00	0.01	0.00	0.00	0.54	2.12								
8890	1.24	0.59	0.00	0.01	0.00	0.00	0.63	2.47								
8895	1.45	0.68	0.00	0.01	0.00	0.00	0.74	2.88								
8905	1.84	0.91	0.66	0.17	0.20	0.03	0.95	4.76								
8910	2.10	1.03	0.66	0.17	0.20	0.03	1.08	5.27								
8915	2.33	1.14	0.66	0.17	0.20	0.03	1.20	5.73								
8925	0.23	0.08	1.32	0.40	0.00	0.00	0.10	2.13								
8930	0.27	0.10	1.65	0.49	0.00	0.00	0.12	2.63								

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
8940	0.41	0.17	3.95	0.95	0.02	0.00	0.34	5.84								
8945	0.43	0.18	3.95	0.95	0.02	0.00	0.36	5.89								
8950	0.47	0.20	6.58	1.58	0.02	0.00	0.39	9.24								
8955	0.61	0.25	6.99	1.68	0.02	0.00	0.50	10.05								
8965	0.57	0.23	1.18	0.28	0.02	0.00	0.47	2.75								
8970	0.61	0.25	1.66	0.40	0.02	0.00	0.50	3.44								
8975	0.67	0.28	1.66	0.40	0.05	0.01	0.56	3.63								
8980	0.73	0.30	2.80	0.67	0.05	0.01	0.60	5.16								
8990	0.23	0.08	0.66	0.20	0.00	0.00	0.10	1.27								
8995	0.24	0.09	1.32	0.40	0.00	0.00	0.10	2.15								
9005	0.11	0.04	1.25	0.38	0.00	0.00	0.05	1.83								
9010	0.14	0.05	1.58	0.48	0.00	0.00	0.06	2.31								
9015	0.37	0.13	1.98	0.59	0.00	0.00	0.16	3.23								
9020	0.65	0.23	2.77	0.83	0.00	0.00	0.28	4.76								
9030	0.05	0.02	1.25	0.38	0.00	0.00	0.02	1.72								
9035	0.16	0.06	1.58	0.48	0.00	0.00	0.07	2.35								

APPENDIX A

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APPENDIX B

AREA FACTORS

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

Sales or Import Tax Rate:				6.60 %
Working Hours Per Year:				1,650 Hrs/Yr
Labor Adjustment Factor (LAF):				0.780
Electricity Cost Per Kilowatt-Hour:				$ 0.110 /Kw-Hr
Gasoline Cost Per Gallon:				$ 1.250 /Gal.
Diesel Cost Per Gallon (Off-Road Use):				$ 0.930 /Gal.
Diesel Cost Per Gallon (On-Road Use):				$ 1.280 /Gal.
Freight Rates:		0	thru 24,000 lbs.	$10.600 /Cwt.
	over	24,000	thru 30,000 lbs.	$10.000 /Cwt.
	over	30,000	thru 40,000 lbs.	$ 9.100 /Cwt.
	over	40,000	thru 50,000 lbs.	$ 8.350 /Cwt.
	over	50,000	thru 70,000 lbs.	$ 8.000 /Cwt.
	over	70,000	thru 9999,900 lbs.	$ 7.900 /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				CARRIER POWER				FOG			TIRES			RPR
					HP	E	G	D	HP	E	G	D	E	G	D	F	D	T	
15	AGGREGATE SPREADERS	A	10	20	50	.000	.051	.030	0	.000	.000	.000	0	24	24	97	69	99	70
30	AIR COMPRESSORS	A	10	30	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	15	95	.000	.097	.056	0	.000	.000	.000	45	32	28	81	65	90	90
120	CONCRETE GUNITE EQUIPMENT & FLUID GROUTERS	A	8	20	0	.000	.000	.000	0	.000	.000	.000	45	32	28	0	0	90	80
125	CONCRETE FINISHERS & BUGGIES	A	6	20	70	.700	.071	.041	0	.000	.000	.000	50	32	28	0	0	90	80
130	CONCRETE SAWS	A	8	20	90	.900	.091	.053	0	.000	.000	.000	45	32	38	0	0	90	90
135	CONCRETE VIBRATORS	A	4	20	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 HP	E	G	D	CARRIER POWER HP	E	G	D	FOG E	G	D	TIRES F	D	T	RPR
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	10	.000	.010	.006	0	32	32	62	44	0	90
345	DRILL, ROTARY OVER 11" DIA., ELECTRIC	A	20	20	70	.700	.000	.000	10	.900	.000	.000	50	0	0	0	0	0	45
375	FORK LIFTS	A	10	20	65	.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				CARRIER POWER				FOG			TIRES			RPR
					HP	E	G	D	HP	E	G	D	E	G	D	F	D	T	
470	OVER 225 HP	A	12	15	65	.000	.066	.038	0	.000	.000	.000	0	32	30	70	42	0	70
470		S	10	15	85	.000	.086	.050	0	.000	.000	.000	0	32	30	41	22	0	75
475	LOADER, FRONT END WITH	A	10	25	65	.000	.066	.038	0	.000	.000	.000	0	32	32	72	50	0	80
475	BACKHOE,WHEEL TYPE	S	8	25	85	.000	.086	.050	0	.000	.000	.000	0	32	32	57	35	0	85
480	PILE EXTRACTOR, PILE HAMMER & HYDRAULIC IMPACTOR	A	6	35	65	.000	.066	.038	0	.000	.000	.000	0	32	32	0	0	0	90
485	PIPELAYERS	A	12	25	35	.000	.000	.021	0	.000	.000	.000	0	0	40	0	0	0	75
485		S	10	25	45	.000	.000	.027	0	.000	.000	.000	0	0	40	0	0	0	85
	PUMP, GROUT (SEE KEY NO. 105)																		
495	PUMP, WATER, ENGINE DRIVE	A	10	25	90	.000	.091	.053	0	.000	.000	.000	0	32	38	0	0	0	80
500	PUMP, WATER, ELECTRIC DRIVE	A	10	25	90	.900	.000	.000	0	.000	.000	.000	45	0	0	0	0	0	40
510	RIPPERS	A	8	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
510		S	6	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	90
525	ROLLERS,EXCEPT VIB. ROLLERS	A	10	20	65	.000	.066	.038	65	.000	.066	.038	0	24	24	76	60	84	80
530	ROLLERS, VIBRATORY	A	8	20	90	.000	.091	.053	90	.000	.091	.053	0	32	32	76	60	84	100
540	SCRAPERS, STANDARD	A	10	15	60	.000	.000	.035	60	.000	.000	.035	0	0	32	59	33	65	60
540		S	8	15	78	.000	.000	.046	78	.000	.000	.046	0	0	32	39	19	43	65
542	SCRAPERS, TANDEM POWERED	A	10	15	62	.000	.000	.037	62	.000	.000	.037	0	0	26	59	33	65	65
542		S	8	15	81	.000	.000	.048	81	.000	.000	.048	0	0	26	39	19	43	70
	SCRAPERS, ELEVATING																		
545	0 THRU 200 HP	A	10	20	66	.000	.000	.039	66	.000	.000	.039	0	0	40	59	33	65	75
545		S	8	20	86	.000	.000	.051	86	.000	.000	.051	0	0	40	39	19	43	80
550	OVER 200 HP	A	10	15	66	.000	.000	.039	66	.000	.000	.039	0	0	32	59	33	65	65
550		S	8	15	86	.000	.000	.051	86	.000	.000	.051	0	0	32	39	19	43	70
555	SCRAPERS, TRACTOR DRAWN	A	12	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	65	0	72	70
555		S	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	50	0	55	75
560	SOIL STABILIZERS	A	10	20	66	.000	.000	.039	66	.000	.000	.039	0	0	28	59	33	65	75
560		S	8	20	86	.000	.000	.051	86	.000	.000	.051	0	0	28	39	19	43	85
	SHOVELS, BACKHOES, & HYDRAULIC EXCAVATORS CRAWLER MOUNTED																		
570	0 THRU 1 CY	A	8	25	60	.000	.061	.035	0	.000	.000	.000	0	38	38	0	0	0	70
570		S	6	25	78	.000	.079	.046	0	.000	.000	.000	0	38	38	0	0	0	80
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	20	60	.000	.061	.035	0	.000	.000	.000	0	22	22	0	0	0	90
595		S	10	20	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				CARRIER POWER				FOG			TIRES			RPR
					HP	E	G	D	HP	E	G	D	E	G	D	F	D	T	
600	OVER 5 CY	A	14	15	60	.000	.061	.035	0	.000	.000	.000	0	24	24	0	0	0	110
600		S	12	15	78	.000	.079	.046	0	.000	.000	.000	0	24	24	0	0	0	120
601	OVER 2-1/2 CY ELECTRIC	A	18	20	50	.500	.000	.000	0	.000	.000	.000	25	0	0	0	0	0	70
601		S	16	20	65	.650	.000	.000	0	.000	.000	.000	25	0	0	0	0	0	80
	TRACTOR, CRAWLER TYPE																		
615	0 THRU 225 HP	A	10	25	70	.000	.000	.041	0	.000	.000	.000	0	0	36	0	0	0	110
615		S	8	25	91	.000	.000	.054	0	.000	.000	.000	0	0	36	0	0	0	120
620	226 HP THRU 425 HP (PER	A	10	20	70	.000	.000	.041	0	.000	.000	.000	0	0	28	0	0	0	90
620	UNIT FOR TANDEM TRACTORS)	S	8	20	91	.000	.000	.054	0	.000	.000	.000	0	0	28	0	0	0	100
625	OVER 425 HP	A	12	15	70	.000	.000	.041	0	.000	.000	.000	0	0	24	0	0	0	90
625		S	10	15	91	.000	.000	.054	0	.000	.000	.000	0	0	24	0	0	0	100
630	TRACTOR, BLADES, PUSH BLOCKS,	A	10	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	80
630	PUSH PLATES & CLEARING BLADES	S	8	20	0	.000	.000	.000	0	.000	.000	.000	0	0	0	0	0	0	90
645	TRACTOR, WHEEL TYPE	A	10	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	.057	.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	20	65	.000	.066	.038	0	.000	.000	.000	0	24	32	73	55	81	60
780		S	10	20	85	.000	.086	.050	0	.000	.000	.000	0	24	32	56	40	62	65

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	8	30	80	.000	.081	.047	0	.000	.000	.000	0	24	24	0	0	90	70
811	WELDERS ELECTRIC POWER	A	8	25	60	.600	.000	.000	0	.000	.000	.000	30	0	0	0	0	90	40

APPENDIX E

ECONOMIC INDEXES FOR CONSTRUCTION EQUIPMENT 1967 = 1000

	YEAR PURCHASE NEW												
	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
	AGE IN YEARS												
CATEGORY	0	1	2	3	4	5	6	7	8	9	10	11	12
Air Equipment	1785	1733	1683	1695	1668	1563	1630	1521	1354	1295	1186	1165	1028
Asphalt & Concrete Paving Equipment	2766	2685	2611	2583	2620	2461	2296	2111	1941	1815	1686	1610	1451
Buckets	4732	4639	4527	4471	4541	4313	3879	3280	2963	2738	2520	2175	1838
Cranes, Draglines & Clamshells - Crawler & Truck Mounted	3463	3395	3339	3282	3213	3009	2782	2512	2301	2138	2010	1843	1522
Drills	2858	2830	2803	2836	2810	2602	2265	1993	1858	1699	1638	1559	1373
Generators	3581	3511	3400	3314	3236	3160	2817	2390	2301	2128	2053	1839	1456
Graders, Motor	3813	3738	3645	3643	3561	3276	2992	2687	2492	2259	2109	1956	1604
Loaders, Track	3807	3769	3791	3792	3655	3349	3061	2750	2482	2247	2053	1916	1573
Loaders, Wheel	4013	3973	3944	3873	3788	3441	2938	2606	2375	2156	2002	1907	1584
Pile Driving Equipment	3698	3625	3570	3519	3439	3208	2894	2562	2329	2135	1989	1852	1523
Rollers	4212	4089	3926	3744	3431	3199	2913	2653	2396	2139	1983	1872	1556
Scrapers and Soil Stabilizers	3813	3738	3645	3643	3561	3276	2992	2687	2492	2259	2109	1956	1604
Shovels, Backhoes & Hydraulic Excavators	3463	3395	3339	3282	3213	3009	2782	2512	2301	2138	2010	1843	1522
Tractors, Crawler & Attachments	3807	3769	3791	3792	3655	3349	3061	2750	2482	2247	2053	1916	1573
Tractors, Wheel	3894	3818	3656	3557	3530	3256	2927	2578	2319	2125	1956	1813	1498
Trenchers	4580	4490	4431	4360	4097	3618	3153	2772	2580	2300	1894	1633	1527
Trucks, Highway	3268	3142	3055	2934	2824	2638	2324	2108	1934	1775	1646	1524	1369
Trucks & Wagons - Off Highway	3900	3824	3786	3744	3662	3363	2964	2588	2364	2196	2081	1965	1568
All Other Equipment	3698	3625	3570	3519	3439	3208	2894	2562	2329	2135	1989	1852	1523
All Tires & Tubes	2401	2377	2421	2453	2552	2506	2369	2055	1792	1699	1615	1485	1334

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.