

COST SUMMARY WORK

Task description: 2022 Post inspection upate

Site: October Ore Pile
Reclamation

Permit Action:

2022

Permit/Job#: M2008050

PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 11/14/2022

County: Mesa

Filename: M050-ACY

User: ACY

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Remove Silt Fence	DEMOLISH	1	3.00	\$540
02a	Rip disturbed area	RIPPER	1	0.85	\$194
03a	Push salvaged topsoil	DOZER	1	0.41	\$88
04a	Transport Alternative Soils	TRUCK1	1	7.89	\$4,218
04b	Push imported topsoil	DOZER	1	3.10	\$659
05a	Reveg 0.46 ac	REVEGE	1	8.00	\$723
06a	Initial Mobilization	MOBILIZE	1	8.00	\$7,317
07a	Secondary Mobilization	MOBILIZE	1	8.00	\$1,289
<u>SUBTOTALS:</u>				39.25	\$15,028

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$304

Performance bond: 1.05

Total = \$158

Job superintendent: 0.00

Total = \$0

Profit: 10.00

Total = \$1,503

TOTAL O & P = \$1,964

CONTRACT AMOUNT (direct + O & P) = \$16,992

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$500

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$722

Reclamation management and/or administration: 5.00

\$850

CONTINGENCY: 3.00

Total = \$451

TOTAL INDIRECT COST = \$4,487

TOTAL BOND AMOUNT (direct + indirect) = \$19,515

DEMOLITION WORK

Task description: Remove Silt Fence

Site: October Ore Pile
Reclamation

Permit Action: 2022

Permit/Job#: M2008050

PROJECT IDENTIFICATION

Task #: 01A
Date: 11/14/2022
User: ACY

State: Colorado
County: Mesa

Abbreviation: None
Filename: M050-01a

Agency or organization name: DRMS

UNIT COSTS

Location adjustment: 90.70 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
600 LF of Silt Fence	600 lf	Hauling only, per mile, 12-18 CY truck - 50 mph average speed	120.00	MI	\$3.78	\$453.60
Landfill Fee	15 CY	Dump fees - Rubbish only	15.00	CY	\$9.45	\$141.75

Job Hours: 3.00

Subtotal
(unadjusted): \$595.35

Total Cost
(adjusted for location): \$539.98

BULLDOZER RIPPING WORK

Task description: Rip disturbed area

Site: October Ore Pile Reclamation Permit Action: 2022 Permit/Job#: M2008050

PROJECT IDENTIFICATION

Task #: 02A State: Colorado Abbreviation: None
Date: 11/14/2022 County: Mesa Filename: M050-02a
User: ACY

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D7R DS Series II LGP Horsepower: 240
Ripper Attachment: 3-Shank Ripper Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	\$92.78	NA
Operating Cost/Hour:	\$79.33	100
Ripper Ownership Cost/Hour:	\$8.37	NA
Ripper Operating Cost/Hour:	\$4.99	100
Operator Cost/Hour:	\$40.04	NA
Total Unit Cost/Hour:	\$225.51	
Total Fleet Cost/Hour:	\$225.51	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 0.46 acres Rip Depth (ft): 1.00 Volume: 742 BCY or CCY

Source of estimated quantity: Previously accepted value

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth: 1.00 feet/pass
Average Ripping Width: 6.50 feet/pass
Average Ripping Length: 100.00 feet/pass
Average Dozer Speed: 88.00 feet/minute
Average Maneuver Time: 0.25 minutes/pass
Production per unit area: 0.646 acres/hour

Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.646 Acres/hr
Site Altitude: 6,800 feet
Altitude Adj: 1.00 (CAT HB)
Job Efficiency: 0.83 (1 shift/day)
Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.54 Acres/hr
Adjusted Hourly Fleet Production: 0.54 Acres/hr

JOB TIME AND COST

Fleet size: 1 Grader(s) Total job time: 0.86 Hours

Unit cost: \$420.715 Per acre Total job cost: \$194

BULLDOZER WORKTask description: **Push salvaged topsoil**

Site: **October Ore Pile Reclamation** Permit Action: **2022** Permit/Job#: **M2008050**

PROJECT IDENTIFICATION

Task #: **03A** State: **Colorado** Abbreviation: **None**
 Date: **11/14/2022** County: **Mesa** Filename: **M050-03a**
 User: **ACY**

Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**

Basic Machine: **Cat D7R DS Series II LGP**
 Horsepower: **240**
 Blade Type: **Straight**
 Attachment: **NA**
 Shift Basis: **1 per day**
 Data Source: **(CRG)**

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	\$92.78	NA
Operating Cost/Hour:	\$79.33	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$40.04	NA

Total unit Cost/Hour: **\$212.15**
 Total Fleet Cost/Hour: **\$212.15**

MATERIAL QUANTITIES

Initial Volume: **100**
 Swell factor: **1.000**
 Loose volume: **100 LCY**

Source of estimated volume: **6" over 0.11 ac-previous value**
 Source of estimated swell factor: **Cat Handbook**

HOURLY PRODUCTION

Average push distance: **100 feet**
 Unadjusted hourly production: **496.4 LCY/hr**

Materials consistency description: **Loose stockpile 1.2**

Average push gradient: **5 %**
 Average site altitude: **6,800 feet**

Material weight: **2,550 lbs/LCY**Weight description: **Earth - Dry packed****Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT HB)
Dozing method:	1.000	(GEN.)

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4867

Adjusted unit production: 241.60 LCY/hr

Adjusted fleet production: **241.6** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.878/LCY

Total job time: **0.41** Hours

Total job cost: **\$88**

TRUCK/LOADER TEAM WORKTask description: **Transport Alternative Soils**Site: **October Ore Pile
Reclamation**

Permit Action:

2022

Permit/Job#: **M2008050****PROJECT IDENTIFICATION**Task #: **04A**State: **Colorado**Abbreviation: **None**Date: **11/14/2022**County: **Mesa**Filename: **M050-04a**User: **ACY**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Shift basis: **1 per day**

	Equipment Description
Truck Loader Team -Truck:	Generic 12-18 cy, 6x4
-Loader:	CAT 938H
Support Equipment -Load Area:	NA
-Dump Area:	NA
Road Maintenance -Motor Grader:	NA
-Water Truck:	NA

Cost Breakdown:**Truck/Loader Team****Support Equipment****Maintenance Equipment**

	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	NA	NA	NA	NA
Ownership cost/hour:	\$24.21	\$40.85	NA	NA	NA	NA
Operating cost/hour:	\$57.28	\$32.69	NA	NA	NA	NA
%Utilization-ripper:	NA	0	NA	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Operator cost/hour:	\$24.82	\$35.97	NA	NA	NA	NA
Unit Subtotals:	\$106.31	\$109.51	NA	NA	NA	NA
Number of Units:	4	1	0	0	0	0
Group Subtotals:	Work: \$534.75		Support: \$0.00		Maint: \$0.00	

Total work team cost/hour: **\$534.75****MATERIAL QUANTITIES**Initial volume: **750**

CCY

Swell factor: **1.000**Loose volume: **750**

LCY

Source of estimated volume: **1' pver 0.46 ac**Source of estimated swell factor: **Cat Handbook**Material Purchase Cost: **\$0.00**Total Cost: **\$0.00****HOURLY PRODUCTION****Truck Capacity:****Truck Payload (weight) Basis:**Material weight: **2,550**

Pounds/LCY

Description: **Earth - Dry packed**Rated Payload: **50,300**

Pounds

Payload Capacity: 19.73 LCY

Truck Bed (volume) Basis:

Struck Volume: 12.00 LCY
 Heaped Volume: 18.00 LCY
 Average Volume: 15.00 LCY
 Adjusted Volume: 18.00 LCY

Final Truck Volume Based on Number of Loader Passes: 17.16 LCY

Loading Tool Capacity

Bucket Size Class: NA

Rated Capacity: 3.900 LCY (heaped)
 Bucket Fill Factor: 1.100 Other - rock/dirt mixtures (100-120%) 1.100
 Adjusted Capacity: 4.290 LCY

Job Condition Corrections:

Site Altitude (ft.): 6800 feet

	Truck	Loader	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)

Net Correction: 0.830 0.830

Loading Tool Cycle Time: Number of Loading Tool Passes Required to Fill Truck: 4 passes

Excavators and Front Shovels:

Machine Cycle Time vs. Job Condition Rating: NA
 Selected Value within this Basic Rating: NA

Track Loaders – Material Description: _____

Cycle Time Elements (min.):

Load: NA Maneuver: NA Dump: 0.100

Wheel and Track Loaders - Unadjusted Basic Loader Cycle Time (load, dump, maneuver): 0.483 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Mixed material 0.02	0.020	(Cat HB)
Stockpile:	Dumped by truck 0.02	0.020	(Cat HB)
Truck Ownership:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Operation:	Inconsistent operation 0.04	0.040	(Cat HB)
Dump Target:	Nominal target 0.00	0.000	(Cat HB)
Net Cycle Time Adjustment:		0.080	minutes
Adjusted Loader Cycle Time:		0.563	minutes
Net Load Time per Truck:		1.788	minutes

Truck Cycle Time:

Truck Exchange Time: 0.50 Minutes Adjusted for site altitude: 0.500 Minutes
 Truck Load Time: 1.788 Minutes Adjusted for site altitude: 1.788 Minutes
 Truck Maneuver and Dump Time: 0.90 Minutes Adjusted for site altitude: 0.900 Minutes

Truck Travel (Haul & Return) Time:
penetration 4.0

Road Condition: Rutted dirt, little maintenance, no water, 1" tire

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	36960.00	2.00	4.00	6.00	1855	20.004

Haul Time: **20.004** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	36960.00	-2.00	4.00	2.00	2905	12.758

Return Time: **12.758** minutesTotal Truck Cycle Time: **35.950** minutes

Loading Tool unit

Production	<u>450.10</u>	LCY/Hour	Adjusted for job efficiency:	<u>373.58</u>	LCY/Hour
Truck Unit Production	<u>28.64</u>	LCY/Hour	Adjusted for job efficiency:	<u>23.77</u>	LCY/Hour

Optimal No. of Trucks:	<u>16</u>	Truck(s)	Selected Number of Trucks:	<u>4</u>	Truck(s)
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Adjusted hourly truck team production:	<u>95.09</u>	LCY/Hour
Adjusted single truck/loader team production:	<u>95.09</u>	LCY/Hour
Adjusted multiple truck/loader team production:	<u>95.09</u>	LCY/Hour

JOB TIME AND COST

Fleet size:	<u>1</u>	Team(s)	Total job time:	<u>7.89</u>	Hours
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Unit cost:	<u>\$5.624</u>	/LCY	Total job cost:	<u>\$4,218</u>
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BULLDOZER WORKTask description: **Push imported topsoil**

Site: **October Ore Pile Reclamation** Permit Action: **2022** Permit/Job#: **M2008050**

PROJECT IDENTIFICATION

Task #: **04B** State: **Colorado** Abbreviation: **None**
 Date: **11/14/2022** County: **Mesa** Filename: **M050-04b**
 User: **ACY**

Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**

Basic Machine: **Cat D7R DS Series II LGP**
 Horsepower: **240**
 Blade Type: **Straight**
 Attachment: **NA**
 Shift Basis: **1 per day**
 Data Source: **(CRG)**

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	\$92.78	NA
Operating Cost/Hour:	\$79.33	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$40.04	NA

Total unit Cost/Hour: **\$212.15**
 Total Fleet Cost/Hour: **\$212.15**

MATERIAL QUANTITIES

Initial Volume: **750**
 Swell factor: **1.000**
 Loose volume: **750 LCY**

Source of estimated volume: **1' over 0.46 ac-previous value**
 Source of estimated swell factor: **Cat Handbook**

HOURLY PRODUCTION

Average push distance: **100 feet**
 Unadjusted hourly production: **496.4 LCY/hr**

Materials consistency description: **Loose stockpile 1.2**

Average push gradient: **5 %**
 Average site altitude: **6,800 feet**

Material weight: **2,550 lbs/LCY**Weight description: **Earth - Dry packed****Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT HB)
Dozing method:	1.000	(GEN.)

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4867

Adjusted unit production: 241.60 LCY/hr

Adjusted fleet production: **241.6** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.878/LCY

Total job time: **3.10** Hours

Total job cost: **\$659**

REVEGETATION WORKTask description: Reveg 0.46 acSite: October Ore Pile
ReclamationPermit Action: 2022Permit/Job#: M2008050**PROJECT IDENTIFICATION**Task #: 05A
Date: 11/14/2022
User: ACYState: Colorado
County: MesaAbbreviation: None
Filename: M050-05aAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
			Total Fertilizer Materials Cost/Acre	\$0.00

Application

Description	Cost /Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.18
Total Tilling Cost/Acre	\$117.18

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.80	13.06	\$12.78
Indian Ricegrass - Paloma	4.20	13.60	\$46.73
Crested Wheatgrass - Nordan	3.00	13.77	\$11.70
Pubescent Wheatgrass - Luna	6.00	12.40	\$20.40
Slender Wheatgrass - Pryor	4.00	14.60	\$17.00
Milk Vetch, Cicer - Lutana	0.60	2.00	\$4.92
Western Wheatgrass - Arriba	5.40	13.64	\$35.10
Needle and Thread	4.80	12.67	\$200.88
Flax, Lewis Blue	1.60	10.61	\$26.40

Saltbush, Four Wing	6.00	8.26	\$75.00
Penstemon, Palmer	0.40	8.84	\$21.80
Totals Seed Mix	36.80	123.45	\$472.71

Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
Total Seed Application Cost/Acre	\$267.22

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - Curtail @ 4.0 pt/ac	1.00	ACRE	\$7.94	\$7.94
Total Mulch Materials Cost/Acre				\$7.94

Application

Description	Cost /Acre
Weed spray, hand, non-aquatic area, nox. [DMG]	\$183.16
Total Mulch Application Cost/Acre	\$183.16

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
Totals Nursery Stock Cost / Acre					\$0.00

JOB TIME AND COST

No. of Acres: 0.46 Cost /Acre: \$1,048.21
 Estimated Failure Rate: 50% Cost /Acre*: \$1,048.21
 *Selected Replanting Work Items: TILLING,SEEDING,MULCHING

Initial Job Cost: **\$482.18**
 Reseeding Job Cost: **\$241.09**
 Total Job Cost: **\$723**
 Job Hours: **8.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Initial Mobilization**Site: **October Ore Pile
Reclamation**

Permit Action:

2022

Permit/Job#: M2008050

PROJECT IDENTIFICATION

Task #: 06A

State: Colorado

Abbreviation: None

Date: 11/14/2022

County: Mesa

Filename: M050-06a

User: ACY

Agency or organization name: DRMS

EQUIPMENT TRANSPORT RIG COST

Shift basis: 1 per day

Cost Data Source: CRG Data

Truck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,
400 HP (2ND HALF, 2006)Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT
TRAILER (25T, 50T, AND 100T)**Cost Breakdown:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$15.25	\$23.06	\$37.58
Operating Cost/Hour:	\$25.26	\$30.83	\$51.41
Operator Cost/Hour:	\$27.71	\$27.71	\$27.71
Helper Cost/Hour:	\$0.00	\$20.22	\$20.22
Total Unit Cost/Hour:	\$68.22	\$101.82	\$136.92

NON ROADABLE EQUIPMENT:

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D7R DS Series II LGP	38.49	\$101.15	\$101.82	1	\$202.97	\$101.82	\$250.00
CAT 938H	16.34	\$40.85	\$68.22	1	\$109.07	\$68.22	\$1,000.00
Drill/Broadcast Seeder with Tractor	25.00	\$6.25	\$68.22	1	\$74.47	\$68.22	\$250.00

Subtotals: **\$386.51** **\$238.26** **\$1,500.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 30K GVW	\$60.57	1	\$60.57	\$60.57
Light Duty Pickup, 4x4, 3/4 T.	\$70.69	1	\$70.69	\$70.69
Generic 12-18 cy, 6x4	\$106.31	4	\$425.24	\$425.24

Subtotals: **\$556.50** **\$556.50**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>GRAND JUNCTION</u>	
Total one-way travel distance:	<u>60.00</u>	miles
Average Travel Speed:	<u>40.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$5,647.33</u>
'* two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	<u>\$1,669.50</u>
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>1.50</u>	<u>1.50</u>
Return Time (Hours):	<u>1.50</u>	<u>1.50</u>
Loading Time (Hours):	<u>0.50</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>4.00</u>	<u>3.00</u>

JOB TIME AND COST

Total job time:	<u>8.00</u>	Hours
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Total job cost:	<u>\$7,317</u>
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EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Secondary Mobilization**Site: **October Ore Pile
Reclamation**

Permit Action:

2022

Permit/Job#: M2008050

PROJECT IDENTIFICATION

Task #: 07A

State: Colorado

Abbreviation: None

Date: 11/14/2022

County: Mesa

Filename: M050-07a

User: ACY

Agency or organization name: DRMS

EQUIPMENT TRANSPORT RIG COST

Shift basis: CShift

Cost Data Source: CRG Data

Truck Tractor Description: TRUCKTRACTORDESCRIPTION

Truck Trailer Description: TRUCKTRAILERDESCRIPTION

Cost Breakdown:

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	OWNCH1	OWNCH2	OWNCH3
Operating Cost/Hour:	OPGCH1	OPGCH2	OPGCH3
Operator Cost/Hour:	OPRCH1	OPRCH2	OPRCH3
Helper Cost/Hour:	HLPCH1	HLPCH2	HLPCH3
Total Unit Cost/Hour:	TUCH1	TUCH2	TUCH3

NON ROADABLE EQUIPMENT:

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet

Subtotals: **NRHTCF** **NRRTCF** **NRDTCF****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet

Subtotals: **ROHTCF** **RORTCF**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: NCTWPAR
 Total one-way travel distance: TOWTD miles
 Average Travel Speed: ATS mph

Total Non-Roadable Mob/Demob Cost * TNRMDC
 ‘* two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** TRMDC
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	NRHTH	ROHTH
Return Time (Hours):	NRRTH	RORTH
Loading Time (Hours):	NRLTH	NA
Unloading Time (Hours):	NRULTH	NA
Subtotals:	NRTST	ROTST

JOB TIME AND COST

Total job time: CTJT Hours

Total job cost: CTJC