COLORADO
Division of Reclamation, Mining and Safety
Department of Natural Resources

June 9, 2023

Richard Bassi
Bassi North Farm, LLC
2045 Lake Ave
Pueblo, CO 81004

***RE: North Farm Road Gravel Pit, Permit No. M-2000-110, Estimated Reclamation Costs Update***

Dear Mr. Bassi:

In an effort to ensure the Financial Warranty for the above referenced site adequately reflects the actual current costs of fulfilling the requirements of the approved reclamation plan, the Colorado Division of Reclamation, Mining and Safety (Division) has updated the reclamation cost estimate (copy enclosed).

Division calculations estimate the cost to reclaim the above referenced site to be *$35,449*. This is an increase of ***$8,403*** over the *$27,046* currently held by the Division. This estimate is based on conditions observed during the April 11, 2023 inspection. Please review the enclosed figures as soon as possible and contact our office if any calculation errors are noted.

The estimated reclamation cost was last calculated in August of 2017. Per rule 4.2.1(2) the estimation is periodically updated to ensure that the Division holds a sufficient sum to cover the cost of reclamation. The increase in the financial warranty is due to increases is the cost of fuel, equipment, and labor since the last adjustment.

If no comments are received by August 10, 2023 then it is the Divisions understanding that the operator has no objections to the bond calculated on June 9, 2023 for the amount of $35,449 according to the current permit conditions. At that time a Notice for Surety Increase will be issued for the above amount as required by the Act and Rules.

If you require additional information, or have questions or concerns, please feel free to contact me.

Sincerely,

Todd Jesse

***Todd Jesse***
Environmental Protection Specialist
Department of Natural Resources

Cc:
Travis Marshall, Senior EPS, Grand Junction DRMS

Enc: Financial Warranty Cost Estimate

# COST SUMMARY WORK

Task description: **Summary**

Site: **N Farm Rd Pit No 1** Permit Action: 2023 update Permit/Job#: M1977140

## PROJECT IDENTIFICATION

Task #: 000 State: Colorado Abbreviation: None
Date: 6/8/2023 County: Rio Grande Filename: M140-000
User: TJ1

Agency or organization name: DRMS

## TASK LIST (DIRECT COSTS)

| Task | Description | Form Used | Fleet Size | Task Hours | Cost |
|---|---|---|---|---|---|
| 01a | Demolish and dispose of concrete and steel structures | DEMOLISH | 1 | 15.00 | $1,464 |
| 02a | Grade processing area after debris burial | DOZER | 1 | 7.48 | $2,072 |
| 03a | Rip compaction in processing area | RIPPER | 1 | 8.88 | $2,525 |
| 04a | Carry topsoil to be spread | LOADER | 1 | 33.20 | $4,142 |
| 05a | Spread topsoil on areas to be revegetated | DOZER | 1 | 13.98 | $3,870 |
| 06a | Revegetate disturbed areas | REVEGE | 1 | 16.00 | $13,868 |
| 07a | Haul reclamation equipment to and from site | MOBILIZE | 1 | 2.57 | $1,670 |
| | | | **SUBTOTALS:** | **97.11** | **$29,611** |

## INDIRECT COSTS

OVERHEAD AND PROFIT:

| | | | |
|---|---|---|---|
| Liability insurance: | 2.02 | Total = | $598 |
| Performance bond: | 1.05 | Total = | $311 |
| Job superintendent: | 48.55 | Total = | $3,648 |
| Profit: | 10.00 | Total = | $2,961 |
| | | TOTAL O & P = | $7,518 |
| | | CONTRACT AMOUNT (direct + O & P) = | $37,129 |

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

| | | | |
|---|---|---|---|
| Financial warranty processing (legal/related costs): | $500 | Total = | $500 |
| Engineering work and/or contract/bid preparation: | 0.00 | Total = | $0 |
| Reclamation management and/or administration: | 5.00 | | $1,856 |
| CONTINGENCY: | 0.00 | Total = | $0 |
| | | TOTAL INDIRECT COST = | $9,874 |
| | | **TOTAL BOND AMOUNT (direct + indirect) =** | **$39,485** |

# DEMOLITION WORK

Task description: **Demolish and dispose of concrete and steel structures**

Site: **N Farm Rd Pit No 1** Permit Action: 2023 update Permit/Job#: M1977140

## PROJECT IDENTIFICATION

Task #: 01A
Date: 6/8/2023
User: TJ1

State: Colorado
County: Rio Grande

Abbreviation: None
Filename: M140-01a

Agency or organization name: DRMS

**UNIT COSTS** **Location adjustment: 91.60 %**

| Structure or Item Description | Dimensions | Demolition Menu Selection | Quantity | Unit | Unit Cost | Total Cost |
|---|---|---|---|---|---|---|
| Concrete tunnel with foundation | 10 cy | Push demolished materials/rubble/debris into pit - Max. 100 ft. push | 10.00 | CY | $1.06 | $10.59 |
| Batch plant conveyor leg fdns. | 7 cy | Push demolished materials/rubble/debris into pit - Max. 100 ft. push | 7.00 | CY | $1.06 | $7.41 |
| Slab under batch plant tail pulleys | 8 cy | Push demolished materials/rubble/debris into pit - Max. 100 ft. push | 8.00 | CY | $1.06 | $8.47 |
| East retaining wall - batch plant | 4 cy | Push demolished materials/rubble/debris into pit - Max. 100 ft. push | 4.00 | CY | $1.06 | $4.24 |
| West retaining wall - batch plant | 17 cy | Push demolished materials/rubble/debris into pit - Max. 100 ft. push | 17.00 | CY | $1.06 | $18.00 |
| Brick sand bin - walls | 11 cy | Push demolished materials/rubble/debris into pit - Max. 100 ft. push | 11.00 | CY | $1.06 | $11.65 |
| Brick sand bin - slab | 9 cy | Push demolished materials/rubble/debris into pit - Max. 100 ft. push | 9.00 | CY | $1.06 | $9.53 |
| 2 conveyors - demolish and load | 50 LF | OBSOLETE-Conveyor, overland, including supports - 5 ft. W x 6 ft. H housing | 50.00 | LF | $17.60 | $880.00 |
| Excavate pit for concrete disposal | 66 cy | Excavate disposal pit with dozer (includes completed pit backfilling/grading) | 66.00 | CY | $1.92 | $126.72 |
| 2 conveyors - haul to dump | 50 miles | Hauling only, per mile, 12-18 CY truck - 50 mph average speed | 50.00 | MI | $3.78 | $189.00 |
| 2 conveyors - dump fee | 30 cy | Dump fees - Building construction materials. | 30.00 | CY | $11.10 | $333.00 |

| | | | | | |
|---|---|---|---|---|---|
| **Job Hours:** | **15.00** | **Subtotal (unadjusted)**: | **$1,598.61** | **Total Cost (adjusted for location)**: | **$1,464.33** |

BULLDOZER WORK

Task description: **Grade processing area after debris burial**

Site: **N Farm Rd Pit No 1** Permit Action: 2023 update Permit/Job#: M1977140

## PROJECT IDENTIFICATION

Task #: 02A State: Colorado Abbreviation: None
Date: 6/8/2023 County: Rio Grande Filename: M140-02a
User: TJ1

Agency or organization name: DRMS

## HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU
Horsepower: 310
Blade Type: Semi-Universal
Attachment: 3-shank ripper
Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

| | | Utilization % |
|---|---|---|
| Ownership Cost/Hour: | $124.85 | NA |
| Operating Cost/Hour: | $97.63 | 100 |
| Ripper own. Cost/Hour: | $13.10 | NA |
| Ripper op. Cost/Hour: | $0.00 | 0 |
| Operator Cost/Hour: | $41.30 | NA |

Total unit Cost/Hour: $276.88
Total Fleet Cost/Hour: **$276.88**

## MATERIAL QUANTITIES

Initial Volume: 3,227
Swell factor: 1.125
Loose volume: **3,630** LCY

Source of estimated volume: Division of Reclamation, Mining & Safety
Source of estimated swell factor: Cat Handbook

## HOURLY PRODUCTION

Average push distance: 60 feet
Unadjusted hourly production: 1,246.9 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: 0 %
Average site altitude: 7,600 feet

Material weight: 2,650 lbs/LCY

Weight description: Decomposed rock - 25% Rock, 75% Earth

Job Condition Correction Factor Source

| | | |
|---|---|---|
| Operator Skill: | 0.750 | (AVG.) |
| Material consistency: | 0.900 | (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: | 1.000 | (CAT HB) |
| Altitude: | 1.000 | (CAT HB) |
| Material Weight: | 0.868 | (CAT HB) |
| Blade type: | 1.000 | (PAT) |

Net correction: 0.3890

Adjusted unit production: 485.04 LCY/hr

Adjusted fleet production: **485.04** LCY/hr

## JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: $0.571/LCY

Total job time: **7.48** Hours

Total job cost: **$2,072**

# BULLDOZER RIPPING WORK

Task description: **Rip compaction in processing area**

Site: **N Farm Rd Pit No 1** Permit Action: 2023 update Permit/Job#: M1977140

## PROJECT IDENTIFICATION

Task #: 03A State: Colorado Abbreviation: None
Date: 6/8/2023 County: Rio Grande Filename: M140-03a
User: TJ1

Agency or organization name: DRMS

## HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU Horsepower: 310
Ripper Attachment: 3-Shank Ripper Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

| | | Utilization % |
|---|---|---|
| Ownership Cost/Hour: | $124.85 | NA |
| Operating Cost/Hour: | $97.63 | 100 |
| Ripper Ownership Cost/Hour: | $13.10 | NA |
| Ripper Operating Cost/Hour: | $7.30 | 100 |
| Operator Cost/Hour: | $41.30 | NA |
| Total Unit Cost/Hour: | $284.18 | |

Total Fleet Cost/Hour: **$284.18**

## MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 6.00 acres Rip Depth (ft): 1.00 Volume: 9,680 BCY or CCY

Source of estimated quantity: Permit plan

## HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

| | | |
|---|---|---|
| Average Ripping Depth: | 1.00 | feet/pass |
| Average Ripping Width: | 7.08 | feet/pass |
| Average Ripping Length: | 400.00 | feet/pass |
| Average Dozer Speed: | 88.00 | feet/minute |
| Average Maneuver Time: | 0.25 | minutes/pass |
| Production per unit area: | 0.813 | acres/hour |

Job Condition Correction Factors

| | | |
|---|---|---|
| Unadjusted Hourly Unit Production: | 0.813 | Acres/hr |
| Site Altitude: | 7,600 | feet |
| Altitude Adj: | 1.00 | (CAT HB) |
| Job Efficiency: | 0.83 | (1 shift/day) |
| Net Correction: | 0.83 | multiplier |
| Adjusted Hourly Unit Production: | 0.68 | Acres/hr |
| Adjusted Hourly Fleet Production: | **0.68** | Acres/hr |

## JOB TIME AND COST

Fleet size: 1 Grader(s) Total job time: **8.89** Hours

Unit cost: $420.909 Per acre Total job cost: **$2,525**

# WHEEL LOADER – LOAD AND CARRY WORK

Task description: **Carry topsoil to be spread**

Site: **N Farm Rd Pit No 1** Permit Action: 2023 update Permit/Job#: M1977140

## PROJECT IDENTIFICATION

Task #: 04A State: Colorado Abbreviation: None
Date: 6/8/2023 County: Rio Grande Filename: M140-04a
User: TJ1

Agency or organization name: DRMS

## HOURLY EQUIPMENT COST

Basic Machine: CAT 950H Horsepower: 197
Attachment 1: ROPS Cab Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

| | | Utilization % |
|---|---|---|
| Ownership Cost/Hour: | $46.76 | NA |
| Operating Cost/Hour: | $37.28 | 100 |
| Operator Cost/Hour: | $40.71 | NA |
| Total Unit Cost/Hour: | $124.75 | |
| Total Fleet Cost/Hour: | $124.75 | |

## MATERIAL QUANTITIES

Initial volume: 4,840 CCY Swell factor: 1.000
Loose volume: **4,840** LCY

Source of estimated volume: Division of Reclamation, Mining & Safety
Source of estimated swell factor: Cat Handbook

## HOURLY PRODUCTION

Loader Cycle Time:

Unadjusted Basic Cycle Time (load, dump, maneuver): 0.500 minutes

| Cycle Time Factors | | Factor (min.) | Source |
|---|---|---|---|
| Material: | No adjustment - factor not applicable 0.00 | 0.000 | (Cat HB) |
| Stockpile: | No adjustment - factor not applicable 0.00 | 0.000 | (Cat HB) |
| Truck Ownership: | No adjustment - factor not applicable 0.00 | 0.000 | (Cat HB) |
| Operation: | Constant operation -0.04 | -0.040 | (Cat HB) |
| Dump Target: | No adjustment - factor not applicable 0.00 | 0.000 | (Cat HB) |
| | Net Cycle Time Adjustment: | -0.040 | minutes |
| | Adjusted Basic Cycle Time: | 0.460 | minutes |

Rolling Resistance – Road Conditions

Haul: Rutted dirt, little maintenance, no water, 2” tire penetration 5.0
Return: Rutted dirt, little maintenance, no water, 2” tire penetration 5.0

Haul and Return Time

| | Length (feet) | Grade Res. (%) | Rolling Res. (%) | Total Res. (%) | Travel Time (minutes) | Source |
|---|---|---|---|---|---|---|
| Haul Route: | 600 | 0.00 | 5.00 | 5.00 | 0.5739 | (Cat HB) |

| | | | | | | |
|---|---|---|---|---|---|---|
| Return Route: | 600 | 0.00 | 5.00 | 5.00 | 0.5086 | (Cat HB) |

Total Travel Time: 1.0825 minutes
Total Cycle Time: **1.5425** minutes

Load Bucket Capacity

| | | | |
|---|---|---|---|
| Rated Capacity: | 4.30 | LCY (heaped) | |
| Bucket Fill Factor: | 1.050 | Other - moist loam | (100-110%) 1.050 |
| Adjusted Capacity: | **4.52** | LCY | |

Job Condition Correction Factors
Site Altitude: 7600 feet

| | | Source |
|---|---|---|
| Altitude Adj: | 1.00 | (CAT HB) |
| Job Efficiency: | 0.83 | (1 shift/day) |
| Net Correction: | 0.83 | multiplier |

| | | |
|---|---|---|
| Unadjusted Hourly Unit Production: | 175.63 | LCY/Hour |
| Adjusted Hourly Unit Production: | 145.77 | LCY/Hour |
| Adjusted Hourly Fleet Production: | **145.77** | LCY/Hour |

## JOB TIME AND COST

| | | | | | |
|---|---|---|---|---|---|
| Fleet size: | 1 | Loader(s) | Total job time: | **33.20** | Hours |
| Unit cost: | $0.856 | /LCY | Total job cost: | **$4,142** | |

# BULLDOZER WORK

Task description: **Spread topsoil on areas to be revegetated**

Site: **N Farm Rd Pit No 1** Permit Action: 2023 update Permit/Job#: M1977140

## PROJECT IDENTIFICATION

Task #: 05A State: Colorado Abbreviation: None
Date: 6/8/2023 County: Rio Grande Filename: M140-05a
User: TJ1

Agency or organization name: DRMS

## HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU
Horsepower: 310
Blade Type: Semi-Universal
Attachment: 3-shank ripper
Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

| | | Utilization % |
|---|---|---|
| Ownership Cost/Hour: | $124.85 | NA |
| Operating Cost/Hour: | $97.63 | 100 |
| Ripper own. Cost/Hour: | $13.10 | NA |
| Ripper op. Cost/Hour: | $0.00 | 0 |
| Operator Cost/Hour: | $41.30 | NA |

Total unit Cost/Hour: $276.88
Total Fleet Cost/Hour: **$276.88**

## MATERIAL QUANTITIES

Initial Volume: 4,840
Swell factor: 1.000
Loose volume: **4,840** LCY

Source of estimated volume: Division of Reclamation, Mining & Safety
Source of estimated swell factor: Cat Handbook

## HOURLY PRODUCTION

Average push distance: 60 feet
Unadjusted hourly production: 1,246.9 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: 0 %
Average site altitude: 7,600 feet

Material weight: 3,250 lbs/LCY

Weight description: Gravel - Pitrun

Job Condition Correction Factor Source

| | | |
|---|---|---|
| Operator Skill: | 0.750 | (AVG.) |
| Material consistency: | 0.900 | (CAT HB)) |
| Dozing method: | 1.000 | (GEN.) |
| Visibility: | 1.000 | (AVG.) |
| Job efficiency: | 0.830 | (1 SHIFT/DAY) |
| Spoil pile: | 0.700 | (FND-MF) |
| Push gradient: | 1.000 | (CAT HB) |
| Altitude: | 1.000 | (CAT HB) |
| Material Weight: | 0.708 | (CAT HB) |
| Blade type: | 1.000 | (PAT) |

Net correction: 0.2777

Adjusted unit production: 346.26 LCY/hr

Adjusted fleet production: **346.26** LCY/hr

**JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: $0.800/LCY

Total job time: **13.98** Hours

Total job cost: **$3,870**

# REVEGETATION WORK

Task description: **Revegetate disturbed areas**

Site: **N Farm Rd Pit No 1** Permit Action: 2023 update Permit/Job#: M1977140

## PROJECT IDENTIFICATION

Task #: 06A State: Colorado Abbreviation: None
Date: 6/8/2023 County: Rio Grande Filename: M140-06a
User: TJ1

Agency or organization name: DRMS

## FERTILIZING

**Materials**

| Description | Units / Acre | Unit | Cost / Unit | Cost /Acre |
|---|---|---|---|---|
| Ammonium nitrate, 33-0-0 | 150.00 | pound | $0.37 | $55.50 |
| Triple superphosphate, 0-46-0 | 100.00 | pound | $0.47 | $47.00 |
| | | | **Total Fertilizer Materials Cost/Acre** | **$102.50** |

**Application**

| Description | Cost /Acre |
|---|---|
| Tractor towed spreader (MEANS 32 01 90.13 0120) | $39.64 |
| **Total Fertilizer Application Cost/Acre** | **$39.64** |

## TILLING

| Description | Cost /Acre |
|---|---|
| Chisel plowing {DMG} | $98.43 |
| **Total Tilling Cost/Acre** | **$98.43** |

## SEEDING

| Seed Mix | Rate – PLS LBS / Acre | Seeds per SQ. FT | Cost /Acre |
|---|---|---|---|
| Alkali Sacaton | 0.15 | 5.85 | $4.27 |
| Indian Ricegrass - Nespar | 2.00 | 6.47 | $17.75 |
| Crested Wheatgrass - Ephraim | 1.50 | 6.89 | $6.49 |
| Russian Wildrye - Bozoisky | 1.30 | 5.22 | $8.42 |
| Streambank Wheatgrass - Sodar | 1.50 | 4.89 | $8.55 |
| Western Wheatgrass - Arriba | 2.00 | 5.05 | $13.00 |
| Saltbush, Four Wing | 4.00 | 5.51 | $50.00 |
| **Totals Seed Mix** | 12.45 | 39.89 | **$108.48** |

**Application**

| Description | Cost /Acre |
|---|---|
| Drill Seeding (DRMS Survey Cost) | $232.00 |
| **Total Seed Application Cost/Acre** | **$232.00** |

## MULCHING and MISCELLANEOUS

**Materials**

| Description | Units / Acre | Unit | Cost / Unit | Cost /Acre |
|---|---|---|---|---|
| Straw, delivered {MEANS 31 25 14.16 1200} | 2.50 | TON | $421.36 | $1,053.40 |
| **Total Mulch Materials Cost/Acre** | | | | **$1,053.40** |

**Application**

| Description | Cost /Acre |
|---|---|
| Crimping, with tractor {DMG survey data} | $73.00 |
| Power mulcher (MEANS 32 91 13.16 0350) | $141.57 |
| **Total Mulch Application Cost/Acre** | **$214.57** |

## 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: 6

Estimated Failure Rate: 25%

*Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,MULCHING

Cost /Acre: $1,849.02

Cost /Acre*: $1,849.02

Initial Job Cost: **$11,094.12**

Reseeding Job Cost: **$2,773.53**

Total Job Cost: **$13,868**

Job Hours: **16.00**

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: **Haul reclamation equipment to and from site**

Site: **N Farm Rd Pit No 1** Permit Action: 2023 update Permit/Job#: M1977140

## PROJECT IDENTIFICATION

Task #: 07A State: Colorado Abbreviation: None
Date: 6/8/2023 County: Rio Grande Filename: M140-07a
User: TJ1

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 320D L 9'-6" Stick | 23.70 | $63.65 | $68.22 | 1 | $131.87 | $68.22 | $0.00 |
| Cat D8T - 8SU | 53.08 | $137.95 | $136.92 | 1 | $274.87 | $136.92 | $0.00 |
| CAT 950H | 20.13 | $46.76 | $68.22 | 1 | $114.98 | $68.22 | $0.00 |
| Drill/Broadcast Seeder with Tractor | 25.00 | $6.25 | $68.22 | 1 | $74.47 | $68.22 | $0.00 |
| Power Mulcher (Bowie LD-90) | 6.00 | $14.79 | $68.22 | 1 | $83.01 | $68.22 | $0.00 |
| | | | | Subtotals: | **$679.20** | **$409.80** | **$0.00** |

## ROADABLE EQUIPMENT:

| Machine Description | Total Cost/hr/ unit | Fleet Size | Haul Trip Cost/hr/ fleet | Return Trip Cost/hr/ fleet |
|---|---|---|---|---|
| | | Subtotals: | **$0.00** | **$0.00** |

## EQUIPMENT HAUL DISTANCE and Time

| | | |
|---|---|---|
| Nearest Major City or Town within project area region: | MONTE VISTA | |
| Total one-way travel distance: | 5.00 | miles |
| Average Travel Speed: | 35.00 | mph |
| Total Non-Roadable Mob/Demob Cost *<br>'* two round trips with haul rig: | $1,669.54 | |
| Total Roadable Mob/Demob Cost **<br>** one round trip, no haul rig: | $0.00 | |

Transportation Cycle Time:

| | Non-Roadable Equipment | Roadable Equipment |
|---|---|---|
| Haul Time (Hours): | 0.14 | 0.14 |
| Return Time (Hours): | 0.14 | 0.14 |
| Loading Time (Hours): | 0.50 | NA |
| Unloading Time (Hours): | 0.50 | NA |
| Subtotals: | 1.29 | 0.29 |

## JOB TIME AND COST

| | | |
|---|---|---|
| Total job time: | **2.57** | Hours |
| Total job cost: | **$1,670** | |