

COST SUMMARY WORK

Task description: Cost Summary

Site: Coyote Ridge

Permit Action: 2025 TC Termination

Permit/Job#: M2000052

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 9/16/2025

County: Fremont

Filename: M052-000

User: JLC

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
101	Spreading Overburden, 17" over 3.0 Acres	DOZER	2	12.47	\$5,388
102	Spreading Topsoil, 3.0 Acres, 7" Depth	DOZER	2	8.77	\$3,790
201	Ripping Road, 24' wide, ~5,800' in length	RIPPER	2	3.15	\$1,458
301	Topsoiling Road, 2.15 Acres, 7' Depth	SCRAPER1	1	10.14	\$13,351
401	Revegetating	REVEGE	1	5.00	\$9,999
501	Mob/Demob	MOBILIZE	1	7.64	\$15,118
<u>SUBTOTALS:</u>				47.17	\$49,104

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$992

Performance bond: 1.05

Total = \$516

Job superintendent: 23.58

Total = \$1,772

Profit: 10.00

Total = \$4,910

TOTAL O & P = \$8,189

CONTRACT AMOUNT (direct + O & P) = \$57,293

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$2,435

Reclamation management and/or administration: 5.00

\$2,865

CONTINGENCY: 3.00

Total = \$1,473

TOTAL INDIRECT COST = \$15,462

TOTAL BOND AMOUNT (direct + indirect) = \$64,566

BULLDOZER WORKTask description: **Spreading Overburden, 17" over 3.0 Acres**Site: **Coyote Ridge** Permit Action: **2025 TC Termination** Permit/Job#: **M2000052****PROJECT IDENTIFICATION**

Task #: 101 State: Colorado Abbreviation: None
 Date: 9/16/2025 County: Fremont Filename: M052-101
 User: JLC

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

Basic Machine: Cat D7R DS XR Series II
 Horsepower: 240
 Blade Type: Semi-Universal
 Attachment: NA
 Shift Basis: 1 per day
 Data Source: (CRG)

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$97.39</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$80.69</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$0.00</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$38.02</u>	<u>NA</u>

Total unit Cost/Hour: \$216.10
 Total Fleet Cost/Hour: **\$432.19**

MATERIAL QUANTITIES

Initial Volume: 6,860
 Swell factor: 1.250
 Loose volume: **8,575 LCY**

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

HOURLY PRODUCTION

Average push distance: 170 feet
 Unadjusted hourly production: 475.7 LCY/hr

Materials consistency description: Consolidated stockpile 1.0

Average push gradient: -5 %
 Average site altitude: 5,520 feet

Material weight: 2,650 lbs/LCYWeight description: Decomposed rock - 25% Rock, 75% Earth**Job Condition Correction Factor**

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

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	1.000	(DOZ-OC)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.7230

Adjusted unit production: 343.93 LCY/hr

Adjusted fleet production: **687.86** LCY/hr

JOB TIME AND COST

Fleet size: 2 Dozer(s)

Unit cost: \$0.628/LCY

Total job time: **12.47** Hours

Total job cost: **\$5,388**

BULLDOZER WORKTask description: Spreading Topsoil, 3.0 Acres, 7" DepthSite: Coyote RidgePermit Action: 2025 TC TerminationPermit/Job#: M2000052**PROJECT IDENTIFICATION**Task #: 102State: ColoradoAbbreviation: NoneDate: 9/16/2025County: FremontFilename: M052-102User: JLCAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D7R DS XR Series IIHorsepower: 240Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$97.39	NA
Operating Cost/Hour:	\$80.69	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$38.02	NA

Total unit Cost/Hour: \$216.10Total Fleet Cost/Hour: **\$432.19****MATERIAL QUANTITIES**Initial Volume: 2,824Swell factor: 1.429Loose volume: **4,034 LCY**Source of estimated volume: Division of Reclamation, Mining & SafetySource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 280 feetUnadjusted hourly production: 324.4 LCY/hrMaterials consistency description: Loose stockpile 1.2Average push gradient: 0 %Average site altitude: 5,520 feetMaterial weight: 1,600 lbs/LCYWeight description: Top Soil**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT HB)
Dozing method:	1.100	(50% SL)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.600	(FND-SF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.7090

Adjusted unit production: 230.00 LCY/hr

Adjusted fleet production: **460** LCY/hr

JOB TIME AND COST

Fleet size: 2 Dozer(s)

Unit cost: \$0.940/LCY

Total job time: **8.77** Hours

Total job cost: **\$3,790**

BULLDOZER RIPPING WORK

Task description: Ripping Road, 24' wide, ~5,800' in length

Site: Coyote Ridge Permit Action: 2025 TC Termination Permit/Job#: M2000052

PROJECT IDENTIFICATION

Task #: 201 State: Colorado Abbreviation: None
Date: 9/16/2025 County: Fremont Filename: M052-201
User: JLC

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

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

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	<u>\$97.39</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$80.69</u>	<u>100</u>
Ripper Ownership Cost/Hour:	<u>\$9.58</u>	<u>NA</u>
Ripper Operating Cost/Hour:	<u>\$5.66</u>	<u>100</u>
Operator Cost/Hour:	<u>\$38.02</u>	<u>NA</u>
Total Unit Cost/Hour:	<u>\$231.34</u>	
Total Fleet Cost/Hour:	<u>\$462.67</u>	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 2.15 acres Rip Depth (ft): 2.00 Volume: 6,937 BCY or CCY

Source of estimated quantity: Approved Rec Plan, 2000 Original File

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth:	<u>2.45</u>	<u>feet/pass</u>
Average Ripping Width:	<u>6.50</u>	<u>feet/pass</u>
Average Ripping Length:	<u>24.00</u>	<u>feet/pass</u>
Average Dozer Speed:	<u>88.00</u>	<u>feet/minute</u>
Average Maneuver Time:	<u>0.25</u>	<u>minutes/pass</u>
Production per unit area:	<u>0.411</u>	<u>acres/hour</u>

Job Condition Correction Factors

Unadjusted Hourly Unit Production:	<u>0.411</u>	<u>Acres/hr</u>
Site Altitude:	<u>5,520</u>	<u>feet</u>
Altitude Adj:	<u>1.00</u>	<u>(CAT HB)</u>
Job Efficiency:	<u>0.83</u>	<u>(1 shift/day)</u>
Net Correction:	<u>0.83</u>	<u>multiplier</u>
Adjusted Hourly Unit Production:	<u>0.34</u>	<u>Acres/hr</u>
Adjusted Hourly Fleet Production:	<u>0.68</u>	<u>Acres/hr</u>

JOB TIME AND COST

Fleet size: 2 Grader(s) Total job time: 3.15 Hours

Unit cost: \$678.047 Per acre Total job cost: \$1,458

SCRAPER TEAM WORKTask description: Topsoiling Road, 2.15 Acres, 7' DepthSite: Coyote RidgePermit Action: 2025 TC TerminationPermit/Job#: M2000052**PROJECT IDENTIFICATION**Task #: 301State: ColoradoAbbreviation: NoneDate: 9/16/2025County: FremontFilename: M052-301User: JLCAgency or organization name: DRMS**HOURLY EQUIPMENT**COSTShift basis: 1 per day

	Equipment Description
-Scraper:	Cat 637G w/push-pull
-Dozer:	NA
Support Equipment -Load Area:	NA
-Dump Area:	NA
Road Maintenance -Motor Grader:	NA
-Water Truck:	NA

Cost Breakdown:**Scraper Work Team****Support Equipment****Maintenance Equipment**

	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	NA	NA	NA	NA	NA
Ownership cost/hour:	\$285.51	NA	NA	NA	NA	NA
Operating cost/hour:	\$313.00	NA	NA	NA	NA	NA
%Utilization-ripper:	NA	NA	NA	NA	NA	NA
Ripper own. cost/hour:	NA	NA	NA	NA	NA	NA
Ripper op. cost/hour:	NA	NA	NA	NA	NA	NA
Operator cost/hour:	\$59.78	NA	NA	NA	NA	NA
Unit Subtotals:	\$658.29	NA	NA	NA	NA	NA
Number of Units:	2	0	0	0	0	0
Group Subtotals:	Work: \$1,316.58		Support:	\$0.00	Maint:	\$0.00

Total work team cost/hour: \$1,316.58**MATERIAL QUANTITIES**Initial volume: 2,024

CCY

Swell factor: 1.429Loose volume: 2,891

LCY

Source of estimated volume: Division of Reclamation, Mining & SafetySource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION****Scraper Bowl (volume) Basis:**

Material weight:	<u>1,600 lbs/LCY</u>	Struck Volume:	<u>24.00</u>	LCY
Material description:	<u>Top Soil</u>	Heaped Volume:	<u>34.00</u>	LCY
Rated Payload:	<u>81,600 pounds</u>	Average Volume:	<u>29.00</u>	LCY
Payload Capacity:	<u>51.00 LCY</u>	Adjusted Capacity:	<u>29.00</u>	LCY

Cycle Time:Scraper Loading Time: 1.00 MinutesManeuver and Spread Time: 0.60 MinutesJob Condition Correction:

Site Altitude: 5520 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	NA	(CAT HB)
Job Efficiency:	0.830	NA	(CAT HB)
Net Correction:	0.830	NA	

Travel Time:Road Condition: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	3000.00	0.00	8.00	8.00	1131	2.69
2	3000.00	0.00	8.00	8.00	1131	2.65

Haul Time: 5.34 minutesReturn Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	3000.00	0.00	8.00	8.00	1931	1.64
2	3000.00	0.00	8.00	8.00	1931	1.55

Return Time: 3.19 minutesTotal Scraper team cycle time: 10.13 minutesAdjusted for job conditions: 285.13 LCY/HourSelected Number of Scrapers: 2 Scraper(s)Adjusted single scraper team (unit) hourly production: 285.13 LCY/HourAdjusted multiple scraper team (fleet) hourly production: 285.13 LCY/HourUnadjusted unit production/hour: 343.53 LCY/Hour

Optimal Number of Scrapers per push dozer: _____

JOB TIME AND COSTFleet size: 1 Team(s)Total job time: 10.14 HoursUnit cost: \$4.617 /LCYTotal job cost: \$13,351

REVEGETATION WORKTask description: RevegetatingSite: Coyote RidgePermit Action: 2025 TC TerminationPermit/Job#: M2000052**PROJECT IDENTIFICATION**Task #: 401State: ColoradoAbbreviation: NoneDate: 9/16/2025County: FremontFilename: M052-401User: JLCAgency 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)	\$114.13
Total Tilling Cost/Acre	\$114.13

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alsike Clover	1.00	15.61	\$5.38
Blue Grama - Lovington	2.00	32.64	\$56.84
Sandberg Bluegrass - VNS	1.00	21.24	\$14.79
Sheep Fescue - Azay	3.00	46.83	\$14.84
Slender Wheatgrass - Native	3.00	10.95	\$21.70
Western Wheatgrass - Rosanna	6.00	15.15	\$53.91
Totals Seed Mix	16.00	142.42	\$167.46

Application

Description	Cost /Acre
Drill seeding (MEANS 32 92 19.13 0020)	\$472.00
Total Seed Application Cost/Acre	\$472.00

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered	1.50	TON	\$504.56	\$756.84
Total Mulch Materials Cost/Acre				\$756.84

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$239.35
Total Mulch Application Cost/Acre	\$239.35

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: 5.15 Cost /Acre: \$1,749.78
 Estimated Failure Rate: 30% Cost /Acre*: \$639.46
 *Selected Replanting Work Items: SEEDING

Initial Job Cost: **\$9,011.37**
 Reseeding Job Cost: **\$987.97**
 Total Job Cost: **\$9,999**
 Job Hours: **5.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mob/Demob**Site: **Coyote Ridge**Permit Action: **2025 TC Termination**Permit/Job#: **M2000052****PROJECT IDENTIFICATION**

Task #: 501 State: Colorado Abbreviation: None
 Date: 9/16/2025 County: Fremont Filename: M052-501
 User: JLC

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:	\$21.47	\$38.32	\$48.96
Operating Cost/Hour:	\$31.47	\$60.11	\$65.86
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$22.25	\$22.25
Total Unit Cost/Hour:	\$75.46	\$143.20	\$159.59

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 XR Series II	35.93	\$106.97	\$143.20	2	\$500.34	\$286.40	\$500.00
Cat 637G w/push-pull	59.59	\$285.51	\$159.59	2	\$890.20	\$319.18	\$500.00
Drill/Broadcast Seeder with Tractor	25.00	\$5.99	\$75.46	2	\$162.90	\$150.92	\$500.00
Power Mulcher (Bowie LD-90)	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00

Subtotals: **\$1,658.81** **\$831.96** **\$1,750.00**

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T. Crew	\$113.83	1	\$113.83	\$113.83

Subtotals: **\$113.83** **\$113.83**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>PUEBLO</u>	
Total one-way travel distance:	<u>37.00</u>	miles
Average Travel Speed:	<u>50.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$14,949.57</u>
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 ** two round trips with haul rig:

Total Roadable Mob/Demob Cost **	<u>\$168.47</u>
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 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.74</u>	<u>0.74</u>
Return Time (Hours):	<u>0.74</u>	<u>0.74</u>
Loading Time (Hours):	<u>1.17</u>	<u>NA</u>
Unloading Time (Hours):	<u>1.17</u>	<u>NA</u>
Subtotals:	<u>3.82</u>	<u>1.48</u>

JOB TIME AND COST

Total job time:	<u>7.64</u>	Hours
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Total job cost:	<u>\$15,118</u>
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