

July 22, 2025

Alan Parkerson Parkerson Construction, Inc. 710 S. 15th St Grand Junction, CO 81501

RE: 32 Road Pit, Permit No. M-1985-219, Proposed Surety Increase (SI-4)

Dear Mr. Parkerson:

This reclamation cost update was in response to the site inspection conducted on July 8, 2025. It is Division policy to periodically update its costs to ensure that the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan.

The bond was last recalculated in 2022 with SI-3 which used 2021 costs. Below is a table summarizing input values that have been updated based on site conditions, changes are in red. This table does not account for price changes resulting from inflation or other RS Means cost changes. Bond calculations are based on a combination of field observations and worst case scenario based on the approved reclamation plan.

Task	Form Used	Description
01a	Demo	Remove scale house (on-site disposal) and scale
02a	Scraper	Transport backfill material for ag field highwall 330 LF @ 15 ft. high vertical to 3H:1V = 3988 CCY, transported 1200LF Increased support Dozer dump area 100% since no separate grading task for transported material placement Added Grader @30%, adjusted water to 30% and adjusted Rolling Resistance to 3.0
02b	Scrapper	Topsoil graded ag field highwall 50'x330'= 0.38 @ 3"= 160 CY, transported 1200 LF



		,
		Increased support Dozer dump area 100% since no separate grading task for transported material placement
		Added Grader @30%, adjusted water to 30% and adjusted Rolling Resistance to 3.0
02c	Reveg	Reveg w/dryland mix graded area and transport path ½ ac
03a	Scraper	Regrade all highwalls slopes to 3H:1V
		Total 146,936 cy of material transported avg of 400 LF
		15'H x 1400LF vert =16917 CY overburden stripped areas needs backfill,
		20'H x 1400LF vert=7519CY gravel bench areas cut fill,
		35'H x 3600LF 1:1 to 2:1=122,500 misc. unreclaimed slopes need additional backfill placement
		Increased support Dozer dump area 100% since no separate grading task for transported material placement
		Added Grader @30%, adjusted water to 30% and adjusted Rolling Resistance to 3.0
03b	Dozer	Topsoil slopes
		5000LF x 115ft = 13.20 ac @ 3" = 5324 CY
03c	Reveg	Reveg all slopes with dryland mix
04a	Scrapper	Apply overburden to pit floor
		20 ac @ 20" = 56, 446 ac transported 400 LF
		Increased support Dozer dump area 100% since no separate grading task for transported material placement
		Added Grader @30%, adjusted water to 30% and adjusted Rolling Resistance to 3.0
04b	Scraper	Apply topsoil to pit floor
		20 ac @ 3" = 8067 cy transported 400 LF
		Increased support Dozer dump area 100% w ripper
		Removed water truck
04c	Reveg	Reveg pit floor w/ alfalfa
05a	Mob	Initial Mobilization
		Removed Loader 972 and Dump truck (use dozer for demo), add motor grader
	•	

05b	Mob	Secondary Mobilization
Indirect		Adding Engineering -Bid Prep per Division Policy
		4.5% or contract amount

Per policy I wanted to send this out for review prior to issuance. Please look it over and let me know if there are errors or concerns. If no response is received by **Friday, August 8, 2025** then I'll issue SI-4 the following Monday as is. SI-4 will result in a total required bond amount of **\$535,645**, which is <u>an increase of \$184,607</u> over the \$351,038 currently held.

Please feel free to contact me with any further questions. Amy Yeldell at the Division of Reclamation, Mining and Safety, Rm 215, $1001 \to 62^{nd}$ Ave, Denver CO 80216. Direct contact can be made by phone at 970-210-1272 or via email at amy yeldell@ state.co.us

Sincerely,

Amy Yeldell

Environmental Protection Specialist

Amy Geldell

Ec:

Travis Marshall, Senior EPS, Grand Junction DRMS

COST SUMMARY WORK

T	Task description: Post Inspection Update				
Site:	32 Road Pit Permit Action	n: _2025		Permit/Job	#: <u>M1985219</u>
<u>PF</u>	ROJECT IDENTIFICATION				
	Task #: ACY State: Colorado Date: 7/22/2025 County: Mesa User: ACY Agency or organization name: DRMS	0		Abbreviation: _ Filename: _	None M219-ACY
<u>T</u> A	ASK LIST (DIRECT COSTS)				
ask	Description	Form Used	Fleet Size	Task Hours	Cost
1a	Remove site debris	DEMOLISH	1	4.00	\$109
2a	Regrade Ag field slope	SCRAPER1	2	2.53	\$8,577
2b	Topsoil Ag field slope	SCRAPER1	2	0.11	\$371
2c	Reveg of ag feild slope w/ dryland mix	REVEGE	1	4.00	\$1,554
3a	Regrade pit slope to 3H:1V	SCRAPER1	2	63.24	\$214,238
3b	Push topsoil over highwall slopes	DOZER	2	3.71	\$2,579
3c	Reveg of slopes w dryland mix	REVEGE	1	20.00	\$41,035
4a	Apply overburden to pit floor	SCRAPER1	2	25.28	\$85,652
4b	Apply topsoil to pit floor	SCRAPER1	2	3.78	\$12,340
4c	Reveg of pit floor w/ alfalfa	REVEGE	1	24.00	\$49,471
5a	Initial mobilization to site	MOBILIZE	1	2.53	\$10,590
5b	Secondary mobilization to site	MOBILIZE	1	2.53	\$1,525
	INDECT COCTO	<u>SUBTC</u>	OTALS:	155.71	\$428,041
	IDIRECT COSTS VERHEAD AND PROFIT:				
<u>U1</u>	<u> </u>				
	Liability insurance: 2.02				3,646
	Performance bond: 1.05				5,849
	Job superintendent: 77.86 Profit: 10.00				
	Profit: 10.00		ΤΩΤΔΙ		2,804 51,794
	CON'	TRACT AMOUNT			189,835
	CON		(direct)	<u>Ψ</u> 1	102,033
LE	GAL - ENGINEERING - PROJECT MANAGEMEN	T:			
	Financial warranty processing (legal/related costs):	\$500	_		500
	Engineering work and/or contract/bid preparation:	4.25	_		20,818
	Reclamation management and/or administration:	5.00	_	\$2	24,492
	CONTINGENCY:	0.00		Total =\$0)
		TOTAL II	NDIREC	$\Gamma COST = _{1}$	07,604
	TOTAL BO	OND AMOUNT (d	lirect + iı	ndirect) = \$5	335,645

DEMOLITION WORK

lask description:	Remove site debris				
Site: 32 Road Pit	Permit Action: 20	025	Pe	rmit/Job#: _	M1985219
PROJECT IDENTIFICAT	<u>TION</u>				
Task #: 01A	State: Colorado		Abbreviat Filena	-	
Date: 7/22/2025 User: ACY	County: Mesa	ınty: Mesa			9-01a
Agency or orga	nization name: DRMS				
<u>UNIT COSTS</u>			Location	adjustment	<u>: 90.70 %</u>
Structure or Item Description Dime	Demolition Menu ensions Selection	Quantity	Unit	Unit Cost	Total Cost
Scale house 8x8x	Bldg. (SN) demo./on-s disposal in existing pit cut - Max. 200 ft. push	or	CF	\$0.24	\$120.58
Job Hours: 4.00	Subtotal (unadjusted):	\$120.58	(adjı	otal Cost isted for ocation):	\$109,37

SCRAPER TEAM WORK

		SCRAI ER	ILAW WORK			
Task description:	Regrade A	g field slope				
Site: 32 Road Pit		Permit Action:	2025	Perr	mit/Job#: <u>M198</u>	35219
PROJECT IDENT	FIFICATION					
Task #: 02A	•	State: Colorado	•	Abbres	viation: None	
Date: 7/22/20	025 Co	unty: Mesa		Fil	ename: M219	-02a
User: ACY						
Agency or o	organization name:	DRMS				
HOURLY EQUIP	MENT		COSTS	hift basis: 1 per d	a <u>y</u>	
		Equipm	ent Description			
			7G w/push-pull			
		-Dozer: NA	OCI I			
Suppor	rt Equipment -Loa		8T - 8SU 8T - 8SU			
Road Mai	intenance –Motor					
			Tanker, 3,500 Gal			
Cost Breakdown:	Scraper Wo	rk Team	Support Equi	pment	Maintenance	e Equipment
	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	NA	50	100	30	30
Ownership cost/hour:	\$285.51	NA	\$179.60	\$179.60	\$51.45	\$17.97
Operating cost/hour:	\$313.00	NA	\$55.23	\$110.45	\$12.79	\$10.52
%Utilization-ripper:	NA	NA	NA	NA	NA	NA
Ripper own. cost/hour:	NA	NA	\$0.00	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA	NA	\$0.00	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$59.78	NA	\$39.46	\$39.46	\$58.07	\$0.00
Unit Subtotals:	\$658.29	NA	\$274.28	\$329.51	\$122.31	\$28.49
Number of Units:	4	0	1	1	1	1

Total work team cost/hour: \$3,387.75

MATERIAL QUANTITIES

Group Subtotals:

CCY Initial volume: 3,988 Swell factor: 1.125

\$2,633.16

4,487 Loose volume: LCY

Work:

Source of estimated volume: 330' of 15'H vert slope

Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Scraper Bowl (volume) Basis:

\$603.79

Support:

Struck Volume: 24.00 Material weight: 2,550 lbs/LCY LCY Material description: Earth - Dry packed Heaped Volume: _ 34.00 LCY Rated Payload: 81,600 pounds Average Volume: 29.00 LCY Payload Capacity: 32.00 LCY Adjusted Capacity: 29.00 LCY

\$150.80

Maint:

Site Altitude: 4700 feet

Cycle Time:		

 $\begin{array}{lll} \text{Scraper Loading Time:} & \underline{1.00} \text{ Minutes} \\ \text{Maneuver and Spread Time:} & \underline{0.60} \text{ Minutes} \\ \end{array}$

<u>Job Condition Correction:</u>

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

Travel Time:

Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res	Velocity (fpm)	Travel Time (min)
1	1200.00	6.00	3.00	9.00	1042	1.19

Haul Time: 1.19 minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1200.00	-6.00	3.00	-3.00	2972	0.47

0.47 minutes Return Time: Total Scraper team cycle time: 3.26 minutes Adjusted for job conditions: 886.01 LCY/Hour Selected Number of Scrapers: 2 Scraper(s) Adjusted single scraper team (unit) hourly production: 886.01 LCY/Hour Adjusted multiple scraper team (fleet) hourly production: 1,772.02 LCY/Hour

Unadjusted unit production/hour:	1,067.48	_ LCY/Hou
Optimal Number of Scrapers per push dozer:		

Fleet size: _	2	Team(s)	Total job time:	2.53	Hours
Unit cost:	\$1.912	/LCY	Total job cost:	\$8,577	

SCRAPER TEAM WORK

Task description:	Topsoil Ag	field slope				
Site: 32 Road Pit Permi			: 2025	Per	mit/Job#: <u>M198</u> :	5219
PROJECT IDEN	<u> TIFICATION</u>					
Task #: 02B	S	State: Colorad	0	Abbre	viation: None	
Date: 7/22/20	025 Co	unty: Mesa		Fil	lename: M0219	-02b
User: ACY						
Agency or o	organization name:	DRMS				
HOURLY EQUIP	<u>PMENT</u>		COSTS	hift basis: 1 per d	lay	
		Equip	ment Description			
			37G w/push-pull			
Sunno	ort Equipment -Loa	-Dozer: NA	8T - 8SU			
Suppo			8T - 8SU			
Road Ma	intenance – Motor	Grader: CAT	140M			
	-Water	Truck: Water	Tanker, 3,500 Gal			
Cost Breakdown:	Scraper Wo	rk Team	Support Equi	nment	Maintenance	Equipment
Cost Bicardown.	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	NA	50	100	30	30
Ownership cost/hour:	\$285.51	NA	\$179.60	\$179.60	\$51.45	\$17.97
Operating cost/hour:	\$313.00	NA	\$55.23	\$110.45	\$12.79	\$10.52
%Utilization-ripper:	NA	NA	NA	NA	NA	NA
Ripper own. cost/hour:	NA	NA	\$0.00	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA	NA	\$0.00	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$59.78	NA	\$39.46	\$39.46	\$58.07	\$0.00
Unit Subtotals:	\$658.29	NA	\$274.28	\$329.51	\$122.31	\$28.49
Number of Units:	4	0	1	1	1	1
Group Subtotals:	Work:	\$2,633.16	Support:	\$603.79	Maint:	\$150.80
Total work team cost MATERIAL QUA						
Initial volume:	160	CCY	Swell fac	tor: 1.215		
Loose volume:	194	LCY				
Sou	arce of estimated vo	olume: 330' x	50' graded slope			
	of estimated swell		ndbook			
HOURLY PROD	<u>UCTION</u>					
			Scraper B	owl (volume) Bas	is:	
Material weight:	1,600 lbs/LCY			Volume: 24.00		CY
Material description:	Top Soil			Volume: 34.00		CY
Rated Payload:	81,600 pounds		Average	Volume: 29.00		CY CY

Site Altitude: 4700 feet

Cycle Time:			

Scraper Loading Time: 1.00 Minutes
Maneuver and Spread Time: 0.60 Minutes

Job Condition Correction:

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

Travel Time:

Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res	Velocity (fpm)	Travel Time (min)
1	1200.00	6.00	3.00	9.00	1042	1.18

Haul Time: 1.18 minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res	Velocity (fpm)	Travel Time (min)
1	1200.00	-6.00	3.00	-3.00	2972	0.47

Return Time: **0.47** minutes Total Scraper team cycle time: minutes 3.25 Adjusted for job conditions: 888.74 LCY/Hour Selected Number of Scrapers: 2 Scraper(s) Adjusted single scraper team (unit) hourly production: 888.74 LCY/Hour Adjusted multiple scraper team (fleet) hourly production: 1,777.48 LCY/Hour

Unadjusted unit production/hour: 1,070.77 LCY/Hour Optimal Number of Scrapers per push dozer:

Fleet size:	2	Team(s)	Total job time:	0.11	Hours
Unit cost:	\$1 906	/LCY	Total job cost:	\$371	

REVEGETATION WORK

Task description: Re	eveg of ag feild slo	pe w/ dryland r	nıx			
32 Road Pit	Permit Action: 2025 Permit/Job#:					: <u>M1985219</u>
ROJECT IDENTIFICAT	ION					
Task #: 02C		olorado		A 1	obreviation:	Nama
Date: 7/22/2025		esa		At		None M219-02c
User: ACY	_ County	CSa			i ilciiaiiic.	101217-020
-	=					
Agency or organization	on name: DRMS					
ERTILIZING						
laterials			I			1
Denovior4i en		Units /	TT•4	Co	st / Unit	Cost /Acre
Description		Acre	Unit	Co	St / Unit	Cost /Acre
				\$		\$
						Ψ
				To	tal Fertilizer	
					Materials	
					Cost/Acre	\$0.00
pplication						
Description						Cost /Acre
						\$
		Total	Fertilizer	Application	on Cost/Acre	\$0.00
TILLING						
D 1.41						Cost /A see
Description	EANG 22 01 12 22	(100)				Cost /Acre
Disc harrowing, 6" deep (M	EANS 32 91 13.23	6100)				\$114.13
			,	Fotal Tilli	ng Cost/Acre	\$114.13
EEDING						
EEDING				D :		
Sand Min				Rate –	Seeds	Cost /Acre
Seed Mix				PLS	per SQ.	Cost/Acre
				LBS /	FT SQ.	
				Acre		0.11.00
Crested Wheatgrass - Ephra				8.00	36.73	\$44.98
Yellow Sweet Clover - Mad	rıd			2.00	11.94	\$9.27
Tall Wheatgrass - Jose				22.00	39.90	\$129.47
		Totals S	eed Mix	32.00	88.57	\$183.73
pplication				<u> </u>	1	,
Description						Cost /Acre
Broadcast seeding [DMG]						\$279.08

Î		
	Total Seed Application Cost/Acre	\$279.08

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.44	\$4.44
Straw, delivered	2.00	TON	\$504.56	\$1,009.12
Total Mulch Materials Cost/Acre				\$1,013.56

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$239.35
Power mulcher (MEANS 32 91 13.16 0350)		\$141.57
Weed spray, truck, non-aquatic area, nox. [DMG]		\$249.08
	Total Mulch Application Cost/Acre	\$630.00

NURSERY STOCK PLANTING

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

JOB TIME AND COST

No. of Acres: 0.5 Cost /Acre: \$2,220.50

Estimated Failure Rate: 40% Cost /Acre*: \$2,220.50

*Selected Replanting Work Items: __TILLING,SEEDING,MULCHING

Initial Job Cost: \$1,110.25

Reseeding Job Cost: \$444.10

Total Job Cost: \$1,554

Job Hours: 4.00

SCRAPER TEAM WORK

Task description:	Regrade p	it slope t	to 3H:1V	7			
Site: 32 Road Pit Permi			nit Action: 2025			mit/Job#: <u>M198</u>	5219
PROJECT IDENT	<u> </u>						
Task #: 03A	S	State: (Colorado		Abbre	viation: None	
Date: 7/22/20		_	Mesa			ename: M219-	03a
User: ACY							
Agency or o	organization name:	DRM	S				
HOURLY EQUIP	PMENT_			COSTS	hift basis: 1 per d	<u>ay</u>	
				ent Description			
		craper:		7G w/push-pull			
Cuma	rt Equipment -Load	Dozer:	NA Cat Do	T - 8SU			
Suppo		n Area:		T - 8SU			
Road Ma	intenance –Motor (CAT 1				
	-Water	Truck:	Water '	Tanker, 3,500 Gal			
Cost Breakdown:	Scraper Wor			Support Equi		Maintenance	Equipment Water Truck
	Scraper	Doz	zer	Load Area	Dump Area	Motor Grader	water Truck
%Utilization-machine:	100		NA	50	100	30	30
Ownership cost/hour:	\$285.51		NA	\$179.60	\$179.60	\$51.45	\$17.97
Operating cost/hour:	\$313.00		NA	\$55.23	\$110.45	\$12.79	\$10.52
%Utilization-ripper:	NA		NA	NA	NA	NA	NA
Ripper own. cost/hour:	NA		NA	\$0.00	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA		NA	\$0.00	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$59.78		NA	\$39.46	\$39.46	\$58.07	\$0.00
Unit Subtotals:	\$658.29		NA	\$274.28	\$329.51	\$122.31	\$28.49
Number of Units:	4		0	1	1	1	1
Group Subtotals:	Work:	\$2,63	3.16	Support:	\$603.79	Maint:	\$150.80
Total work team cost	/hour: \$3,387.75						
MATERIAL QUA	ANTITIES						
Initial volume:	146,936		CCY	Swell fact	tor: 1.125		
Loose volume:	165,303		LCY				
	rce of estimated vo of estimated swell f	_	5000LF Cat Han	of varying slople dbook	to 3:1-see attached	d	
HOURLY PROD	<u>UCTION</u>						
				Scraper B	owl (volume) Bas	is:	
Material weight:	2,550 lbs/LCY			Struck	Volume: 24.00	L	CY
Material description:	Earth - Dry packet	ed			Volume: 34.00		CY
Rated Payload:	81,600 pounds			Average	Volume: 29.00		CY
Payload Capacity:	32.00 LCY			Adjusted (Capacity: 29.00	L	CY

Site Altitude: 4700 feet

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<u>Job Condition Correction:</u>

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

Travel Time:

Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res	Velocity (fpm)	Travel Time (min)
1	400.00	6.00	3.00	9.00	1042	0.42

Haul Time: ______ 0.42 ___ minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	400.00	-6.00	3.00	-3.00	2972	0.19

0.19 minutes Return Time: Total Scraper team cycle time: 2.21 minutes Adjusted for job conditions: 1,306.97 LCY/Hour Selected Number of Scrapers: 2 Scraper(s) Adjusted single scraper team (unit) hourly production: 1,306.97 LCY/Hour Adjusted multiple scraper team (fleet) hourly production: 2,613.94 LCY/Hour

Unadjusted unit production/hour: 1,574.66 LCY/Hour Optimal Number of Scrapers per push dozer:

Fleet size:	2	Team(s)	Total job time:	63.24	Hours
Unit cost:	\$1.296	/LCY	Total job cost:	\$214,238	

BULLDOZER WORK

Task description:		Push topson ov	er highwall s	opes		
: 32 Road Pit		Po	ermit Action:	2025	Permit/Job#:	M1985219
PROJECT ID	ENTIFIC	CATION				
Task #: 031	В	State	Colorado		Abbreviation:	None
	2/2025	County	Mesa		Filename:	M219-03b
User: AC	CY					
Agency	or organi	zation name:I	ORMS			
HOURLY EQ	<u>UIPMEN</u>	NT COST				
Basic Machine	e: Cat I	08T - 8SU				
Horsepower						
Blade Type	-	-Universal				
Attachmen		ınk ripper		<u>—</u>		
Shift Basis				_		
Data Source	e: (CRC	1)		<u> </u>		
Cost Breakdown:	:					
				<u>Utilization %</u>		
Ownership Cost			\$179.60	NA		
Operating Cost			\$110.45	100		
Ripper own. Cost			\$15.28	NA 25		
Ripper op. Cost	_		\$2.29	25		
Operator Cost	t/Hour: _		\$39.46	NA		
Total unit Cost/H Total Fleet Cost/H	_	\$347.07 \$694.15				
	Hour:	\$694.15				
MATERIAL Q Initial Volume: Swell factor:	DUANTI 5,324 1.215	\$694.15 TIES				
MATERIAL Q Initial Volume:	DUANTI 5,324 1.215	\$694.15 TIES				
MATERIAL Q Initial Volume: Swell factor:	DUANTI 5,324 1.215 6,469 ted volume	\$694.15 TIES LCY e: 5000LF	7 x 115'=13.20 ndbook	ac @ 3"		
MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimate	DUANTI' 5,324 1.215 6,469 ted volume ted swell f	## Section: Section Se		ac @ 3"		
MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimat	DUANTI' 5,324 1.215 6,469 ted volume ted swell f	## 100 feet	ndbook	Pac @ 3"		
MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimat Source of estimat HOURLY PRO	DUANTI 5,324 1.215 6,469 ted volumeted swell f DDUCTI stance: ly producti	S694.15 E	ndbook			
MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimat Source of estimat HOURLY PRO Average push dis Unadjusted hourl	DUANTI 5,324 1.215 6,469 ted volumeted swell f ODUCTI stance: ly production ency description	S694.15 E	ndbook Y/hr			
MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dis Unadjusted hourl Materials consiste	DUANTI 5,324 1.215 6,469 ted volumeted swell f ODUCTI stance: ly production ency description	S694.15 Cat Hai Cat Hai Cons Con	ndbook Y/hr			
MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimat Source of estimat Source of estimat HOURLY PRO Average push dis Unadjusted hourl Materials consist Average push gra Average site altit	Hour: 5,324 1.215 6,469 ted volume ted swell f DDUCTI stance: ly production ency described ted: ude:	S694.15 Cay	ndbook Y/hr			
MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimat Source of estimat HOURLY PRO Average push dis Unadjusted hourd Materials consist Average push gra Average site altit Material weight: Weight description	DUANTI 5,324 1.215 6,469 ted volumeted swell f DUCTI stance: ly production ency described described contraction F	S694.15 TIES	Y/hr olidated stock	pile 1.0		
MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dis Unadjusted hourl Materials consiste Average push gra Average site altite Material weight: Weight description Job Condition Co	DUANTI 5,324 1.215 6,469 ted volume ted swell f DDUCTI stance: ly producti ency descriptions adient: ude: prection F perator SI	### Septiments	Y/hr olidated stock	pile 1.0 Source (AVG.)		
MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dis Unadjusted hourl Materials consiste Average push gra Average site altite Material weight: Weight description O Material	DUANTI 5,324 1.215 6,469 ted volumeted swell f DUCTI stance: ly production ency described described contraction F	S694.15 TIES	Y/hr olidated stock	pile 1.0		

0.830	(1 SHIFT/DAY)
0.800	(FND-RF)
1.426	(CAT HB)
1.000	(CAT HB)
1.438	(CAT HB)
1.000	(PAT)
	0.800 1.426 1.000 1.438

Page 2 of 2

Net correction: 1.0212

Adjusted unit production: 870.68 LCY/hr
Adjusted fleet production: 1741.36 LCY/hr

JOB TIME AND COST

Fleet size: 2 Dozer(s)
Unit cost: \$0.399/LCY

Total job time: 3.71 Hours
Total job cost: \$2,579

REVEGETATION WORK

32 Road Pit	Permit Action: 2025 Permit/Job#:			#: <u>M1985219</u>		
ROJECT IDENTIFICA						
Task #: 03C		olorado		Ab	breviation:	None
Date: 7/22/2025 User: ACY	County: <u>M</u>	lesa			Filename: _	M219-03c
Agency or organizat	ion name: DRMS	5				
CRTILIZING						
nterials						
Description		Units /	Unit	Cox	st / Unit	Cost /Acre
Description		Acre	Unit	Cos	St / Unit	Cost/Acre
				\$		\$
				То	tal Fertilizer Materials Cost/Acre	\$0.00
plication						
plication Description						Cost /Acre
_		Total	l Fertilizer	Applicatio	on Cost/Acre	Cost /Acre
Description		Total	l Fertilizer	Application	on Cost/Acre	\$
Description LLING		Total	l Fertilizer	Application	on Cost/Acre	\$
Description	ИEANS 32 91 13.23		l Fertilizer	Application	on Cost/Acre	\$ \$0.00
Description LLING Description	ИEANS 32 91 13.23				on Cost/Acre	\$ \$0.00
Description LLING Description	ИEANS 32 91 13.23					\$ \$0.00 Cost /Acre \$114.13
Description LLING Description Disc harrowing, 6" deep (N	MEANS 32 91 13.23			Rate – PLS LBS /		\$ \$0.00 Cost /Acre \$114.13
Description LLING Description Disc harrowing, 6" deep (No. 1) EEDING Seed Mix Crested Wheatgrass - Ephr	aim			Rate – PLS LBS / Acre 8.00	Seeds per SQ. FT	\$ \$0.00 Cost /Acre \$114.13 \$114.13 Cost /Acre
Description LLING Description Disc harrowing, 6" deep (Note: 10 to 10	aim			Rate – PLS LBS / Acre 8.00 2.00	Seeds per SQ. FT 36.73 11.94	\$0.00 Cost /Acre \$114.13 \$114.13 Cost /Acre \$44.98 \$9.27
Description LLING Description Disc harrowing, 6" deep (No. 1) EDING Seed Mix Crested Wheatgrass - Ephr	aim			Rate – PLS LBS / Acre 8.00	Seeds per SQ. FT	\$ \$0.00 Cost /Acre \$114.13 \$114.13 Cost /Acre

Broadcast seeding [DMG]

\$279.08

Î		
	Total Seed Application Cost/Acre	\$279.08

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.44	\$4.44
Straw, delivered	2.00	TON	\$504.56	\$1,009.12
Total Mulch Materials Cost/Acre				\$1,013.56

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$239.35
Power mulcher (MEANS 32 91 13.16 0350)		\$141.57
Weed spray, truck, non-aquatic area, nox. [DMG]		\$249.08
	Total Mulch Application Cost/Acre	\$630.00

NURSERY STOCK PLANTING

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

JOB TIME AND COST

No. of Acres: 13.2 Cost /Acre: \$2,220.50

Estimated Failure Rate: 40% Cost /Acre*: \$2,220.50

*Selected Replanting Work Items: __TILLING,SEEDING,MULCHING

Initial Job Cost: \$29,310.60

Reseeding Job Cost: \$11,724.24

Total Job Cost: \$41,035

Job Hours: 20.00

 $\begin{array}{c} \text{Material weight:} \\ \text{Material description:} \end{array} \underbrace{\begin{array}{c} 2,550 \text{ lbs/LCY} \\ \text{Earth - Dry packed} \end{array}}$

Rated Payload: 81,600 pounds

Payload Capacity: 32.00 LCY

SCRAPER TEAM WORK

Task description:	Apply overb	urden t	o pit flo	or			
Site: 32 Road Pit		Permit	Action:	2025	Peri	mit/Job#: <u>M1985</u>	5219
PROJECT IDENT	<u>CIFICATION</u>						
Task #: $04A$ Date: $7/22/20$ User: ACY		ty: N	olorado Iesa			viation: None ename: M219-0)4a
Agency or o	rganization name:	DRMS	8				
HOURLY EQUIP	MENT_			COSTS	hift basis: 1 per d	<u>ay</u>	
		aper:	Cat 637	ent Description 7G w/push-pull			
	t Equipment -Load A -Dump A	Area:	Cat D8	T - 8SU T - 8SU			
Road Mai	ntenance –Motor Gr -Water T	<u> </u>	CAT 14 Water	40M Γanker, 3,500 Gal			
Cost Breakdown:	Scraper Work	Team		Support Equi	pment	Maintenance	Equipment
	Scraper	Doz	er	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100		NA	50	100	30	30
Ownership cost/hour:	\$285.51		NA	\$179.60	\$179.60	\$51.45	\$17.97
Operating cost/hour:	\$313.00		NA	\$55.23	\$110.45	\$12.79	\$10.52
%Utilization-ripper:	NA		NA	NA	NA	NA	NA
Ripper own. cost/hour:	NA		NA	\$0.00	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA		NA	\$0.00	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$59.78		NA	\$39.46	\$39.46	\$58.07	\$0.00
Unit Subtotals:	\$658.29		NA	\$274.28	\$329.51	\$122.31	\$28.49
Number of Units:	4		0	1	1	1	1
Group Subtotals:	Work:	\$2,633	3.16	Support:	\$603.79	Maint:	\$150.80
Total work team cost							
Initial volume: Loose volume:	56,446 63,502		CCY LCY	Swell fac	tor: 1.125		
	rce of estimated volu f estimated swell fac		20ac @ Cat Han				<u></u>
HOURLY PRODU	<u>JCTION</u>			Saranar D	owl (volume) Bas	io.	

CIRCES Cost Estimating Software

LCY

LCY

LCY

LCY

Struck Volume:

Average Volume: 29.00

Adjusted Capacity: 29.00

Heaped Volume:

24.00

34.00

Site Altitude: 4700 feet

\sim	1	- TO 1	
C	zcle	- 11	ime:

<u>Job Condition Correction:</u>

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

Travel Time:

Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res	Velocity (fpm)	Travel Time (min)
1	400.00	0.00	3.00	3.00	2800	0.42

Haul Time: **0.42** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	400.00	0.00	3.00	3.00	2949	0.28

0.28 minutes Return Time: 2.30 Total Scraper team cycle time: minutes Adjusted for job conditions: 1,255.83 LCY/Hour Selected Number of Scrapers: 2 Scraper(s) Adjusted single scraper team (unit) hourly production: 1,255.83 LCY/Hour Adjusted multiple scraper team (fleet) hourly production: 2,511.65 LCY/Hour

Unadjusted unit production/hour: 1,513.04 LCY/Hour Optimal Number of Scrapers per push dozer:

Fleet size:	2	Team(s)	Total job time:	25.28	Hours
Unit cost:	\$1.349	/LCY	Total job cost:	\$85,652	

SCRAPER TEAM WORK

Task description:	Apply tops	oil to pit floor				
Site: 32 Road Pit		Permit Action:	2025	Peri	mit/Job#: <u>M198</u> :	5219
PROJECT IDENT	FIFICATION					
	_					
Task #: 04B		State: Colorado)		viation: None	0.41
Date: 7/22/20 User: ACY	<u> </u>	unty: Mesa		F1I	ename: <u>M219-</u>	<u>J46</u>
	organization name:	DRMS				
HOURLY EQUIP			COSTS	hift basis: 1 per d		
HOUKLI EQUIF	WIENI_			nint basis: <u>1 per d</u>	<u>ay</u>	
			ent Description 7G w/push-pull			
		Dozer: NA	/G w/pusii-puii			
Suppo	rt Equipment -Loa		3T - 8SU			
D 11/			8T - 8SU			
Road Ma	intenance –Motor (-Water					
	11 4161	114411				
Cost Breakdown:	Scraper Wo	rk Team	Support Equi		Maintenance	
	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	NA	50	100	NA	NA
Ownership cost/hour:	\$285.51	NA	\$179.60	\$179.60	NA	NA
Operating cost/hour:	\$313.00	NA	\$55.23	\$110.45	NA	NA
%Utilization-ripper:	NA	NA	NA	100	NA	NA
Ripper own. cost/hour:	NA	NA	\$0.00	\$15.28	NA	NA
Ripper op. cost/hour:	NA	NA	\$0.00	\$9.14	NA	NA
Operator cost/hour:	\$59.78	NA	\$39.46	\$39.46	NA	NA
Unit Subtotals:	\$658.29	NA	\$274.28	\$353.93	NA	NA
Number of Units:	4	0	1	1	0	0
Group Subtotals:	Work:	\$2,633.16	Support:	\$628.21	Maint:	\$0.00
Total work team cost	/hour: \$3,261.37					
MATERIAL QUA	<u>ANTITIES</u>					
Initial volume:	8,067	CCY	Swell fact	tor: 1.215		
Loose volume:	9,801	LCY				
	rce of estimated vo					
Source of	of estimated swell t	factor: Cat Han	ıdbook			
HOURLY PROD	UCTION					
			Scraper Bo	owl (volume) Bas:	is:	
Material weight:	1,600 lbs/LCY			Volume: 24.00		CY
Material description:	Top Soil		Heaped			CY
Rated Payload:	81,600 pounds		Average	Volume: 29.00		CY
Payload Capacity:	51.00 LCY		Adjusted (Lo	CY

Site Altitude: 4700 feet

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<u>Job Condition Correction:</u>

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

Travel Time:

Road Condition: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res	Velocity (fpm)	Travel Time (min)
1	400.00	0.00	5.00	5.00	1867	0.31

Haul Time: **0.31** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	400.00	0.00	5.00	5.00	2795	0.32

Return Time: 0.32 minutes 2.23 Total Scraper team cycle time: minutes Adjusted for job conditions: 1,295.25 LCY/Hour Selected Number of Scrapers: 2 Scraper(s) Adjusted single scraper team (unit) hourly production: 1,295.25 LCY/Hour Adjusted multiple scraper team (fleet) hourly production: 2,590.49 LCY/Hour

Unadjusted unit production/hour: 1,560.54 LCY/Hour Optimal Number of Scrapers per push dozer:

Fleet size:	2	Team(s)	Total job time:	3.78	Hours
Unit cost:	\$1.259	/LCY	Total job cost:	\$12,340	

REVEGETATION WORK

32 Road Pit		Peri	mit Action: 2025			Permit/Job#	: <u>M1985219</u>
ROJECT ID	ENTIFICATIO	N					
)4C	State:	Colorado		Ah	breviation:	None
	7/22/2025					M219-04c	
User: A							
Agenc	y or organization i	name: DR	MS				
ERTILIZIN	G						
Iaterials	_						
Dagarintian			Units /	Unit	Cox	st / Unit	Cost /Acre
Description			Acre	Unit	Cos	St / Unit	Cost/Acre
					\$		\$
					To	tal Fertilizer	
						Materials	
						Cost/Acre	\$0.00
			Total	Fertilizer	Application	on Cost/Acre	\$0.00
TILLING			Total	Fertilizer	Application	on Cost/Acre	\$0.00
Description				Fertilizer	Application	on Cost/Acre	Cost /Acre
Description	ing, 6" deep (MEA	NS 32 91 13		Fertilizer	Application	on Cost/Acre	
Description	ing, 6" deep (MEA	.NS 32 91 13				on Cost/Acre	Cost /Acre
Description	ing, 6" deep (MEA	NS 32 91 13					Cost /Acre \$114.13
Description Disc harrowi	ing, 6" deep (MEA	NS 32 91 13			Rate – PLS LBS /		Cost /Acre \$114.13
Description Disc harrowi EEDING Seed Mix		NS 32 91 13			Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre \$114.13 \$114.13 Cost /Acre
Description Disc harrowi		NS 32 91 13	.23 6100)		Rate – PLS LBS /	Seeds	Cost /Acre \$114.13 \$114.13
Description Disc harrowi EEDING Seed Mix Alfalfa - Cor		NS 32 91 13	.23 6100)		Rate – PLS LBS / Acre	Seeds per SQ. FT 72.31	Cost /Acre \$114.13 \$114.13 Cost /Acre
Description Disc harrowi EEDING Seed Mix		NS 32 91 13	.23 6100)		Rate – PLS LBS / Acre	Seeds per SQ. FT 72.31	Cost /Acre \$114.13 \$114.13 Cost /Acre

\$242.30

Total Sond Application Cost/Agra	
Total Seed Application Cost/Acre	İ
• •	i e

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.44	\$4.44
Straw, delivered	2.00	TON	\$504.56	\$1,009.12
Total Mulch Materials Cost/Acre				\$1,013.56

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$239.35
Power mulcher (MEANS 32 91 13.16 0350)		\$141.57
Weed spray, truck, non-aquatic area, nox. [DMG]		\$249.08
	Total Mulch Application Cost/Acre	\$630.00

NURSERY STOCK PLANTING

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

JOB TIME AND COST

 No. of Acres:
 20
 Cost /Acre:
 \$2,061.29

 Estimated Failure Rate:
 20%
 Cost /Acre*:
 \$2,061.29

*Selected Replanting Work Items: TILLING, SEEDING, MULCHING

Initial Job Cost: \$41,225.80

Reseeding Job Cost: \$8,245.16

Total Job Cost: \$49,471

24.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

rask description:	nuai modinzation	to site		
te: 32 Road Pit	Permit	Action: 2025	Permit/Jo	b#: M1985219
PROJECT IDENTIFICAT	<u> TION</u>			
Task #: 05A Date: 7/22/2025	_	olorado Iesa	Abbreviation: Filename:	None M219-05a
User: <u>ACY</u> Agency or organizati	on name: DRMS	S		
EQUIPMENT TRANSPO	RT RIG COST			
				1 per day CRG Data
Truck Tractor De	scription: GENI	ERIC ON-HIGHW	AY TRUCK TRACTOR, 6X4, 400 HP (2ND HALF, 2006)	DIESEL POWERED,
Truck Trailer De	scription:		NG GOOSENECK, DROP DEC AILER (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	

\$22.52

\$22.25

\$143.20

\$22.52

\$22.25

\$159.59

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

Operator Cost/Hour:

Helper Cost/Hour:

\$22.52

\$0.00

\$75.46

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)		t		fleet		
Cat 637G w/push- pull	59.59	\$285.51	\$159.59	4	\$1,780.40	\$638.36	\$500.00
Cat D8T - 8SU	53.08	\$194.88	\$159.59	3	\$1,063.41	\$478.77	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$5.99	\$75.46	1	\$81.45	\$75.46	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00
CAT 140M	16.68	\$51.45	\$75.46	1	\$126.91	\$75.46	\$250.00

Subtotals: \$3,157.54 \$1,343.51 \$1,500.00

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	\$86.86	1	\$86.86	\$86.86
Water Tanker, 3,500 Gal.	\$53.04	1	\$53.04	\$53.04
Light Duty Pickup, 4x4, 1 T.	\$141.71	1	\$141.71	\$141.71
Crew				

C1-4-4-1	0201 (1	0201 (1
Subtotals:	\$281.61	\$281.61

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:
Total one-way travel distance:
Average Travel Speed:

GRAND JUNCTION
miles
30.00
mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.13	0.13
Return Time (Hours):	0.13	0.13
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.27	0.27

Total job time:	2.53	Hours
Total job cost:	\$10,590	

EQUIPMENT MOBILIZATION/DEMOBILIZATION

-	Γask description: S	econdary mobilized	zation to sit	e			
Site:	32 Road Pit	Pern	nit Action:	2025		Permit/Joba	#: <u>M1985219</u>
<u>P</u>	ROJECT IDENTIFICA	<u> TION</u>					
	Task #: 05B	State:	Colorado		Al	obreviation:	None
	Date: 7/22/2025	County:	Mesa			Filename:	M219-02b
	User: ACY					_	
	Agency or organizat	ion name: <u>DRN</u>	ИS				
E	QUIPMENT TRANSPO	RT RIG COST	•				
			-		Shift	t basis: 1	per day
					Cost Data S	Source: C	RG Data
	Truck Tractor De	escription: GEN	NERIC ON-	HIGHW	AY TRUCK TRAC	CTOR. 6X4. D	DIESEL POWERED,
					400 HP (2ND HAI		,
	Truck Trailer De	escription:	GENERIC	FOLDIN	IG GOOSENECK,	DROP DECK	EQUIPMENT
					AILER (25T, 50T,		
<u>C</u>	ost Breakdown:						
	Available Rig Capacities	0-25 Tons	26-50	Tons	51+ Tons	=	
	Ownership Cost/Hour	\$21.47	\$38	.32	\$48.96	_,	
_	Operating Cost/Hour		\$60	.11	\$65.86	=	
	Operator Cost/Hour		\$22	_	\$22.52	_	
	Helper Cost/Hour	\$0.00	\$22	.25	\$22.25	_	
	Total Unit Cost/Hour	\$75.46	\$143	3.20	\$159.59		

NON ROADABLE EQUIPMENT:

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
_	(TONS)		t		fleet		
Drill/Broadcast	25.00	\$5.99	\$75.46	1	\$81.45	\$75.46	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00
(Bowie LD-90)							

Subtotals: \$186.82 \$150.92 \$500.00

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	\$86.86	1	\$86.86	\$86.86
Light Duty Pickup, 4x4, 1 T. Crew	\$141.71	1	\$141.71	\$141.71

Subtotals: 5228.57 5228.57	Subtotals:	\$228.57	\$228.57
----------------------------	------------	----------	----------

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

GRAND JUNCTION
miles
30.00
mph

<u>Transportation Cycle Time:</u>

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.13	0.13
Return Time (Hours):	0.13	0.13
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.27	0.27

JOB TIME AND COST

Total job cost: 2.53 Hours

Total job cost: \$1,525