

## Weber County – North Ogden Divide

Owner :	Weber County		Change Order #	2	
Engineer:	Stanley Consultants				
Contractor:	Granite Construction		Date:	6/17/2020	
Description: Gabion Basket Repair and Bid Quantity Adjustments					
Item No.	Description	Unit	Quantity	Unit Price	Amount Increase/Decrease
32	Pulverize Old Asphalt	LS	1	\$8,137.80	\$8,137.80
<b>Total Net Changes for this change order</b>					<b>\$8,137.80</b>
<b>Original Contract Amount</b>				\$1,845,026.00	
<b>Change Order 1</b>				\$9,378.00	
Change Amount of this Change Order				\$8,137.80	
<b>Total Adjusted Contract Amount</b>				<b>\$1,862,541.80</b>	

Contractor: Clayton Monahan Digitally signed by Clayton Monahan  
DN: C=US, E=clayton.monahan@gcinc.com,  
O=Granite Construction, OU=Ogden Area,  
CN=Clayton Monahan  
Date: 2020.07.27 09:42:49-06'00' Date: 7/27/2020

Engineer: *Brandon Fenton* Digitally signed by Brandon Fenton  
Date: 2020.07.27 09:47:34 -06'00' Date: 7-27-2020

Owner: *Tom Wright* Date: 7-27-2020

Commission: \_\_\_\_\_ Date: \_\_\_\_\_



## Weber County – North Ogden Divide Change Order 2

This change order is to cover the cost to pulverize an old asphalt roadway found under the existing road.

After the contractor milled off the asphalt from the existing roadway and started excavating down to subgrade, they hit another asphalt roadway. This additional asphalt road was 8 to 10 inches thick and located partially in the granular borrow portion of the new roadway pavement section and extended down into the subgrade. The project team invited Geotechs from IGES to help explore the options on mitigating the asphalt layer. Their recommendation was to pulverize the existing asphalt to minimize any reflective cracking or settlement issues that could occur between the two pavement sections. It was discussed and agreed upon by the project team to pulverize the material and use this material in excavation backfill for the walls and along the shoulders. This change order is to pulverize and grade the additional asphalt material found under the existing roadway. (Total costs to pulverize and grade the additional asphalt material = \$8,137.80)

The following items are being added to the contract.

Item No.	Description	Unit	Quantity	Unit Price	Amount Increase/Decrease
32	Pulverize Old Asphalt	LS	1	\$8,137.80	\$8,137.80
<b>Total Net Changes for this change order</b>					<b>\$8,137.80</b>

(Add Item #32 – Pulverize Old Asphalt) This item will cover all the labor, equipment and material costs to pulverize the old asphalt found under the existing roadway. The contractor has submitted a lump sum cost of \$8,137.80 to pulverize and grade out the 28,971 cubic feet of old asphalt. The contractor’s request is shown in Attachment 1. The engineer performed an independent estimate using labor rates from an equivalent contractor and Blue Book Equipment rates that totaled \$8,987.65. The engineer’s independent estimate is shown in Attachment 2. The contractor’s estimate is under the engineer’s independent estimate and therefore recommended for acceptance.

### Contract Time

This work does not affect the Contractor’s critical path, so no additional time will be added for this change order.



06/24/2020

Rick Nielsen  
Stanley Consultants  
6975 Union Park Ave.#300  
Cottonwood Heights, Utah 84047

RE: North Ogden Divide Project

Subject: Change Order #2– Pulverize Roadway

Dear Rick,

It has been requested that Granite Construction pulverize asphalt discovered during the excavation process. Below is a breakdown of costs for the work performed.

Description	Quantity	Unit	Rate	Total
Mobilization (Maverick Milling)	1	LS	\$1550.00	\$1,150.00
Pulverize 10" Depth	2458	SY	\$1.25	\$3,072.50
Pulverize 8" Depth	1756	SY	\$1.15	\$2,019.00
Granite Pulverize Support and Grading	4214	SY	\$0.45	\$1,896.30

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\$8,137.80

1 – Total Repair

Please let me know if you have any questions?

Sincerely,  
GRANITE CONSTRUCTION COMPANY

Clayton Monahan  
Project Manager  
Cc: File



**MAVERICK MILLING**

PO 631, Ogden, Utah. 84402

[www.maverickmilling.com](http://www.maverickmilling.com)

Phone 801.552.6979 Fax 801.732.9220

**Invoice**

INVOICE # 2081  
DATE: June 5, 2020

<b>TO:</b> Granite Construction 1000 N Warm Springs Rd Salt Lake City, UT	<b>PROJECT:</b> North Ogden Divide North Ogden Canyon Road North Ogden, UT
<b>ITEMS:</b> Rotomill Roadway Provide water truck for milling operations	<b>TERMS:</b> Paid in full within 30 days of receipt

DESCRIPTION OF SERVICE	QUANTITY	UM	UNIT COST	COST
Rotomill Roadway @ 10" depth	2,457.78	SY	\$1.19	\$2,924.76
Rotomill Roadway @ 8" depth	1,755.55	SY	\$1.10	\$1,933.11
Mobilization to jobsite	1	Per	\$1,150.00	\$1,150.00
			<b>TOTAL:</b>	<b>\$6,007.87</b>

Make all checks payable to Maverick Milling

### Estimate Summary - Costs and Prices

Granite Construction, Inc. 22 Clayton Monahan  
 20-0709C02 CHANGE ORDER 2 NORTH OGDEN DIVIDE

#### Direct Biditems

Manhours	Labor	Perm Materials	Const Materials	Equipment	Subs	Hauling	GCC Mats	Cd/Inc/Dis	Direct Total	Indirect Charge	Addon Bond	Total Cost	Balanced Bid (TO) Markup	Total	Bid Prices Markup	Total
10 - MILL SUPPORT																
14	819			597					1,416	292	4	1,712	171	1,883.17	184	1,896.30
<b>Direct Totals</b>																
14	819			597					1,416	292	4	1,712	171	1,883	184	1,896

#### Indirect Charges

MHs	Labor	Perm Matl	Constr Matl	Equipment	Subcontract	Total
999991 - **CUSTOM JOBS UTAH GENERAL ACCOUNT						
3	181	-	-	111	-	292
<b>Indirect Totals</b>						
3	181	-	-	111	-	292

#### Addon/Bond

Additional Cost	Addon/Bond Cost
Bond from Summary Table	4
<b>Totals from Addon and Bond</b>	<b>4</b>

<b>(X one) Cost Analysis</b>		<b>X</b>	<b>or Itemized Statement</b>		C103 - 2017 Spec. Revised 03/15		
Project No.:					Change Order No.:	1	
Location:	North Ogden Divide				Charge ID No.:		
Contractor :	Granite Construction				Contract Date:		
<b>Labor: (Use Wage Rates of Contractor, if applicable)</b>			What is C103 For: Pulverize Old Asphalt				
Name	Classification	Pay Rate	Frng	Reg Hours	O/T Hrs	Amount	
Crew Foreman	Foreman	\$50.00		10		\$500.00	
Grade Operator	Operator	\$38.00		10		\$380.00	
General Laborer	Laborer	\$25.00		10		\$250.00	
<b>Labor Costs (Plus 15% per contract provisions. Refer to Standard Specifications)</b>							<b>\$1,299.50</b>
<b>SUBCONTRACTOR: (Attach invoices or weigh tickets)</b>							
Description	Invoice or Tickets	Quantity	Unit	Rate	% Tax	Amount	
Maverick Milling (pulverizing and Mob)	2081	1	LS	\$6,007.87		\$6,007.87	
<b>SUBCONTRACTOR Cost (Plus 5% per contract provisions)</b>							<b>\$6,308.26</b>
<b>Equipment: (Lesser of Rental Rate Blue Book {Hourly Rate = Monthly Rate/176} OR Actual Contractor Equip. Cost)</b>							
<b>Equipment Designation</b>			<b>Standby Calculations</b>		<b>Operating Calculations</b>		<b>Amount</b>
Description	Yr	Mark (X) if rental	Ownership Rates	Hours Standby	Operation + Ownership	Hours Operate	
Cat 140 AWD			\$60.00		\$119.99	10	\$1,199.90
<b>Mobilization Cost (For equipment not already on project. Refer to Standard Specifications) =</b>							
<b>Markup on rented or leased equipment. (For force account work only) =</b>							
<b>Equipment Cost (Plus 15% markup) =</b>							<b>\$1,379.89</b>
<b>Subtotal (Labor + Materials + Equipment) =</b>							<b>\$8,987.65</b>
<b>If subcontract work add 5% markup per Specification.</b>				<b>(place X for subcontract work) --&gt;</b>			
<b>Grand Total =</b>							<b>\$8,987.65</b>

Note: Cost Analysis - attach to Change Order  
 Itemized Statement - attach all supporting documentation and submit with final estimate  
 All calculations on Excel

www.equipmentwatch.com

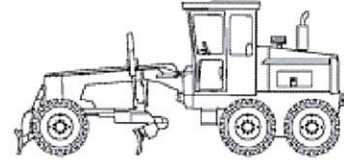
All prices shown in US dollars (\$)

**Rental Rate Blue Book®**

July 16, 2020

**Caterpillar 140 AWD**

Articulated Frame Graders

 Size Class:  
 250 HP & Over  
 Weight:  
 N/A

**Configuration for 140 AWD**

Moldboard Size	<b>168 x 24 x 1 in</b>	Operator Protection	<b>ROPS</b>
Power Mode	<b>Diesel</b>		

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$13,120.00	USD \$3,675.00	USD \$920.00	USD \$140.00	USD \$55.51	USD \$130.06
<b>Adjustments</b>						
Region ( Utah: 86.5%)	(USD \$1,771.20)	(USD \$496.13)	(USD \$124.20)	(USD \$18.90)		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
<b>Total:</b>	<b>USD \$11,348.80</b>	<b>USD \$3,178.88</b>	<b>USD \$795.80</b>	<b>USD \$121.10</b>	<b>USD \$55.51</b>	<b>USD \$119.99</b>

**Non-Active Use Rates**

	Hourly
Standby Rate	USD \$32.24
Idling Rate	USD \$85.22

**Rate Element Allocation**

Element	Percentage	Value
Depreciation (ownership)	36%	USD \$4,723.20/mo
Overhaul (ownership)	47%	USD \$6,166.40/mo
CFC (ownership)	6%	USD \$787.20/mo
Indirect (ownership)	11%	USD \$1,443.20/mo
Fuel (operating) @ USD 2.40	37%	USD \$20.74/hr

Revised Date: 2nd half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

 The equipment represented in this report has been exclusively prepared for CHAD HUNTER  
 (softwareadmin@stanleygroup.com)