

**Contract Change Order**

Change Requested by: Engineer  Contractor

CCO No.	Suppl. No.	Contract No.	Contract Name	Federal Number(s)
5		2776; CIP No. 78707	Green Valley Road Slipout Repair	ER 32L0 (092)

To **DRILL TECH DRILLING & SHORING, INC.**

*Contractor*

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract.

**NOTE: This change order must be approved by the Board of Supervisors. [X] Yes [ ] No**

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. The last percentage shown is the net accumulated increase or decrease from the original quantity in the Bid Item List.

Extra Work at Lump Sum Price:

In accordance with Section 4-1.05, "Changes and Extra Work," of the Standard Specifications, furnish all labor, equipment, tools, and materials necessary to re-mobilize, perform additional clearing & grubbing, and prepare the site in order to resume contract work.

**Total lump sum amount = \$47,301.52**

In accordance with Section 9-1.15, "Work-Character Changes," of the Standard Specifications, compensate the contractor for the following items related to the work suspension period:

- 1) Annual labor wage and fringe increases from 2019 to 2020.
- 2) Annual equipment cost increases from 2019 to 2020.
- 3) Increases related to the cost of materials and subcontractor work.

**Total lump sum amount = \$43,272.61**

In accordance with Section 4-1.05, "Changes and Extra Work," of the Standard Specifications, furnish all labor, equipment, tools, and materials necessary to perform the following work items:

- 1) Extend the limits of rock slope protection (20 lb, Class I, Method B) along the base of the edge beam soil nail from 10+96 to 12+00. Place the RSP at a minimum thickness of 18 inches along the slope bench adjacent to the wall. Calculated additional quantity of Class I RSP = 24.02 TON / 1.49 = ± 16.2 CY. **Total = 12,591.71.**
- 2) Place additional rock slope protection (60 lb, Class II, Method B) along the north limits of the slope reinforcement area from 10+63 to 10+96, as directed by the Engineer. Calculated quantity of Class II RSP = 70.77 TON / 1.49 = ± 47.5 CY. **Total = \$14,618.70.**
- 3) Remove the dead pine tree at 10+05; leave stump and roots in place. **Total = \$2,108.38.**
- 4) Furnish and install midwest guardrail system from approximate limits 10+15 to 12+85 for a total length of 270 LF. **Total = \$25,242.87.**
- 5) Abandon existing culvert pipe across driveway near 9+00 with slurry cement. **Total = \$1,673.83.**
- 6) Place additional rock slope protection (20 lb, Class I, Method B) at both ends of edge beam wall. Calculated additional quantity of Class I RSP = 24.34 TON / 1.49 = ± 16.3 CY. **Total = \$4,491.24.**
- 7) Furnish and install a total of (16) Class 2, Type F delineators as directed by the Engineer. **Total = \$3,191.37.**

**Total lump sum amount = \$63,918.10**

Extra Work at Agreed Unit Price:

In accordance with Section 9-1.06, "Changed Quantity Payment Adjustments," of the Standard Specifications, the following quantities exceeding 125 percent of the Bid Item List will be paid at agreed unit price:

Item No. 11, Hot Mix Asphalt (Type A)  
20.26 TON @ \$439.00/TON = \$8,894.14

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Item No. 26, Thermoplastic Traffic Stripe  
594 LF @ \$10.00/LF = \$5,940.00

**Total increase at agreed unit price amount = \$14,834.14**

For these changes, the contractor will receive a total payment of **\$169,326.37**. This sum constitutes full compensation, including all markups for the extra work performed.


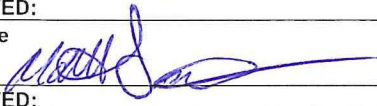

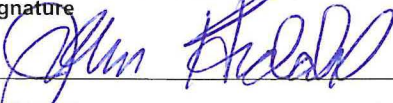
Time Adjustment:

Time of Delay Determination:

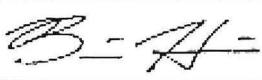
The extra work associated with this change order has been performed within the contract time. Additionally, the extra work associated with the utility delay as specified in Contract Change Orders 1 and 2 has been performed within the suspension period and/or concurrently with other operations. Therefore, no time adjustment of time is warranted for these items.

Estimated Cost: Decrease  Increase  \$ 169,326.37

For this order the time of completion will be adjusted as follows: **NO ADJUSTMENT.**

SUBMITTED BY:		
Signature 	(Print name & title) Dustin Harrington, P.E., Resident Engineer	Date 11/5/2020
APPROVED:		
Signature 	(Print name & title) Matthew Smeltzer, P.E., Deputy Director, Engineering	Date 11/5/20
APPROVED:		
Signature 	(Print name & title) Rafael Martinez, Director Department of Transportation	Date 11/5/2020
APPROVED:		
Signature 	(Print name & title) Brian Meyer, Chair/ Board of Supervisors, First Vice Chair	Date 12/8/20

We the undersigned contractor, have given careful consideration to the change proposed and agree, to provide equipment, furnish materials, and perform the work specified above, and will accept as full payment the prices shown above. **NOTE: If you, the Contractor, do not sign this order, you are directed to proceed with the ordered work. You may file a Request for Information within the time specified.**

CONTRACTOR ACCEPTANCE BY:		
Signature 	(Print name & title) Brian Harris, Project Manager	Date 11/3/2020