

REQUEST FOR AGENDA ITEM  
Legislative Request / BOM Request

Legislative Request \_\_\_ BOM Request x

Date 7/14/2023

Department Engineering

Contact Person Garry Nathan

PURPOSE FOR REQUEST:

Adoption of Resolution: \_\_\_\_\_

Adoption of Local Law: \_\_\_\_\_

Adoption of Ordinance: \_\_\_\_\_

Budget Amendment: \_\_\_\_\_

Bond Approval: \_\_\_\_\_

Contract Authorization: \_\_\_\_\_

Other (Briefly Explain) \_\_\_\_\_

Change order #1 final quantity adjustment for James St Culvert Replacement Project which includes dealing with a unknown concrete wall on the east side and buried Stone from the former culvert

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Budget Amendment (State the following)

Increase Account/Line No. \_\_\_\_\_

Decrease Account /Line No. \_\_\_\_\_

Source of Funds City \_\_\_\_\_

CONTRACT AUTHORIZATION

Purchase Equipment/Supplies: \_\_\_\_\_

Lease Equipment/Supplies: \_\_\_\_\_

Professional Services: \_\_\_\_\_

Education/Training: \_\_\_\_\_

Settlement of Claim: \_\_\_\_\_

Grants:

New \_\_\_\_\_

Renewal \_\_\_\_\_

Submission Dead Line \_\_\_\_\_

Fiscal Impact in Dollars or Percentage

Federal \_\_\_\_\_

State \_\_\_\_\_

City of Cohoes \_\_\$40,210.06\_\_

All back -up material has been submitted \_x\_

Explanation: \_see  
backup. \_\_\_\_\_

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Use space or add typed attachment.

Submitted by: Garry Nathan

date 7-14-2023



## C&S Companies

### Change Order Details

JAMES ST CULVERT OVER EAGLES NEST CREEK

Description	PIN 1761.17.LD036363C&S PROJECT NO. S02.004.001
Prime Contractor	PRIME HIGHWAY CONTRACTORS, LLC. 50 COLVIN AVENUE ALBANY, NY 12206
Change Order	1
Status	Pending
Date Created	06/30/2023
Type	Final Balancing Change Order
Summary	Change Order No. 01: Balancing Change Order for Final Payment
Change Order Description	Final balance of existing items - explanations below. New Items: 950.0101 EARTHWORK (SECTION 200): Force Account - Demo Concrete Wall & Backfill During the course of excavation in preparation for advancement of casing it was discovered that an existing concrete wall to be removed (no record plans available) was of greater volume than anticipated. This necessitated different equipment and removal techniques be applied than assumed in the original bid. Due to the unknown extents of the wall, it was agreed to monitor this work under force account. Force accounts amounting to \$12,930.19 are attached.  950.1901 MISCELLANEOUS: Force Account - Obstruction Removal During Casing Advancement During advancement of the casing it was noted that there was a progressive deformation forming in the leading edge of the casing. This deformation prevented the use of an auger and required the Contractor to use a mini excavator to progress removal of soil and any remaining obstruction in order to complete advancement of the casing. Due to the unknown nature of this work it was decided that this work would be monitored under force account, including a reshaping / realignment of the casing when advancement was complete. Force accounts amounting to \$78,250.20 are attached.

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Awarded Project Amount \$898,785.00  
 Authorized Project Amount \$898,785.00  
 Change Order Amount \$40,210.06  
 Revised Project Amount \$938,995.06

**Increases/Decreases**

Line Number	Item ID	Unit	Unit Price	Quantity	Amount	Quantity	Amount	Quantity	Amount
<b>Section: 1 - Description</b>									
0020	203.02	CY	\$35.000	220.000	\$7,700.00	3.900	\$136.50	223.900	\$7,836.50
UNCLASSIFIED EXCAVATION AND DISPOSAL:									
Reason: Difference between actual in-place and estimated quantities.									
0040	203.07	CY	\$48.000	175.000	\$8,400.00	-36.800	-\$1,766.40	138.200	\$6,633.60
SELECT GRANULAR FILL:									
Reason: Difference between actual in-place and estimated quantities. Also, select granular fill was not placed on the inlet side apron slab. Stream bed material was used.									
0070	206.0201	CY	\$36.000	110.000	\$3,960.00	-27.900	-\$1,004.40	82.100	\$2,955.60
TRENCH AND CULVERT EXCAVATION:									

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Item Number	Quantity	Unit	Unit Price	Quantity	Amount	Quantity	Amount	Quantity	Amount
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Reason: The difference between actual in-place and estimated quantities due to the amount of culvert excavation needed to properly complete the work.

0090	207.21	SY	\$2,000	70,000	\$140,000	22,000	\$44,000	92,000	\$184,000
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**GEOTEXTILE SEPARATION:**

Reason: Additional geotextile separation was needed based on the conditions in the field.

0100	207.26	SY	\$13,000	10,000	\$130,000	-10,000	-\$130,000	0,000	\$0.00
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**PREFABRICATED COMPOSITE STRUCTURAL DRAIN:**

Reason: This item was not used in the contract.

0110	209.13	LF	\$5,000	400,000	\$2,000,000	-189,000	-\$945,000	211,000	\$1,055,000
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**SILT FENCE-TEMPORARY:**

Reason: On site conditions did not require full estimated amount for proper erosion control.

0130	304.12	CY	\$68,000	130,000	\$8,840,000	56,760	\$3,859,680	186,760	\$12,699,680
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**SUBBASE COURSE, TYPE 2:**

Reason: Additional subbase was used to fill in the residential driveway at the end of the project limits. this was approved by the City of Colores.

0140	402.000014	QU	\$75,000	10,000	\$750,000	-10,000	-\$750,000	0,000	\$0.00
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**PLANT PRODUCTION QUALITY ADJUSTMENTS TO HMA ITEMS**

Reason: Difference between actual in-place and estimated quantities.

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Line Number	Item ID	Unit	Unit Price	Quantity	Amount	Change	Amount	Quantity	Amount
0150	402.098304	TON	\$130.000	42.000	\$5,460.00	-1.950	-\$253.50	40.050	\$5,206.50
9.5 F3 Top Course HMA, 80 Series Compaction									
Reason: Difference between actual in-place and estimated quantities.									
0160	402.198904	TON	\$120.000	42.000	\$5,040.00	4.970	\$596.40	46.970	\$5,636.40
19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION									
Reason: Difference between actual in-place and estimated quantities.									
0170	402.378904	TON	\$110.000	112.000	\$12,320.00	-11.920	-\$1,311.20	100.080	\$11,008.80
37.5 F9 BASE COARSE HMA, 80 SERIES COMPACTION									
Reason: Difference between actual in-place and estimated quantities.									
0180	407.0103	GAL	\$5.000	30.000	\$150.00	-2.100	-\$10.50	27.900	\$139.50
STRAIGHT TACK COAT:									
Reason: Difference between actual in-place and estimated quantities.									
0190	418.7603	LF	\$1.000	380.000	\$380.00	-186.000	-\$186.00	194.000	\$194.00
ASPHALT PAVEMENT JOINT ADHESIVE:									
Reason: Contractors placed the asphalt controlled vegetation strip with the binder and top course lifts. Rather than having a joint at the vegetation Control Strip.									
0210	553.020002	EACH	\$2,000.000	1.000	\$2,000.00	-1.000	-\$2,000.00	0.000	\$0.00
COFFERDAMS (TYPE 2):									

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Line Number	Item ID	Unit	Unit Price	Contract	Change	Revised	Quantity	Amount	Quantity	Amount	Quantity	Amount
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Reason: This item was not used in this contract.

0240	555.0105	CY	\$1,000.000	40.000	\$40,000.00	-3.000	-\$3,000.00	37.000	\$37,000.00			
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CONCRETE FOR STRUCTURES, CLASS A:

Reason: Difference between actual in-place and estimated quantities.

0250	556.0202	LB	\$2.000	4,500.000	\$9,000.00	-601.100	-\$1,202.20	3,898.900	\$7,797.80			
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EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES:

Reason: All epoxy coated rebar reinforcement within the bar list was used. Not used quantity represents over estimation.

0270	603.9824	LF	\$80.000	17.000	\$1,360.00	3.000	\$240.00	20.000	\$1,600.00			
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SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24 INCH DIAMETER:

Reason: The entire 20' piece of pipe was used in order to extend the pipe over the backwall.

0320	610.16010030	SY	\$5.000	500.000	\$2,500.00	741.000	\$3,705.00	1,241.000	\$6,205.00			
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TURF ESTABLISHMENT - PERFORMANCE:

Reason: Field conditions, work access, and work phasing resulted in increased disturbance and an increase in turf restoration.

0340	614.060204	EACH	\$100.000	4.000	\$400.00	1.000	\$100.00	5.000	\$500.00			
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TREE REMOVAL OVER 6 INCHES TO 12 INCHES DIAMETER BREAST HEIGHT - STUMPS GRUBBED:

Reason: Difference between actual in-place and estimated quantities.

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Item Number	Item ID	Unit	Unit Price	Current Quantity	Current Amount	Change Quantity	Change Amount	Quantity	Amount
0390	620.02	CY	\$100.000	30.000	\$3,000.00	-4.600	-\$460.00	25.400	\$2,540.00

STONE FILLING (FINE):

Reason: Difference between actual in-place and estimated quantities.

0400	620.04	CY	\$125.000	85.000	\$10,625.00	-18.100	-\$2,262.50	66.900	\$8,362.50
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STONE FILLING (MEDIUM):

Reason: The alignment of the stream bed was moved to better fit the new field conditions. Medium stone was not placed behind the entire wingwalls.

0410	620.05	CY	\$130.000	50.000	\$6,500.00	-11.700	-\$1,521.00	38.300	\$4,979.00
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STONE FILLING (HEAVY):

Reason: Quantity represents heavy stone placed to stabilize stream bed based on existing features and field conditions.

0420	620.0802	CY	\$68.000	70.000	\$4,760.00	-29.500	-\$2,006.00	40.500	\$2,754.00
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BEDDING MATERIAL, TYPE 2

Reason: Quantity represents bedding material placed to stabilize slopes based on existing features and field conditions.

0440	627.50140008	LF	\$2.000	50.000	\$100.00	24.000	\$48.00	74.000	\$148.00
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CUTTING PAVEMENT:

Reason: Saw cuts were made at the end of each approach. A saw cut was also needed at the end of the residential driveway within the paving limits.

0450	637.11	MNTH	\$800.000	4.000	\$3,200.00	-2.000	-\$1,600.00	2.000	\$1,600.00
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ENGINEER'S FIELD OFFICE - TYPE I:

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Item Number	Item ID	Unit	Unit Price	Quantity	Amount	Change	Amount	Quantity	Amount
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Reason: The engineers field office was only needed for 2 months of the project.

0480	647.41	EACH	\$50.000	3.000	\$150.00	-3.000	-\$150.00	0.000	\$0.00
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REMOVE AND STORE SIGN PANEL. SIGN PANEL ASSEMBLY SIZE 1 (UNDER 30 SQUARE FEET):

Reason: This item was not used in the project, no sign panels were removed and stored.

0510	697.03	DC	\$1.000	36,000.000	\$36,000.00	-36,000.000	-\$36,000.00	0.000	\$0.00
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FIELD CHANGE PAYMENT:

Reason: Credit to the contract for remaining dollars in the field change item.

0520	698.04	DC	\$1.000	100.000	\$100.00	-100.000	-\$100.00	0.000	\$0.00
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ASPHALT PRICE ADJUSTMENT:

Reason: NYSDOT Asphalt adjustment values resulted in a negative value for this item. See "NEW ITEM" section for details.

0530	698.05	DC	\$1.000	100.000	\$100.00	-100.000	-\$100.00	0.000	\$0.00
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FUEL PRICE ADJUSTMENT:

Reason: NYSDOT Fuel adjustment values resulted in a negative value for this item. See "NEW ITEM" section for details.

0540	698.06	DC	\$1.000	100.000	\$100.00	-100.000	-\$100.00	0.000	\$0.00
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STEEL/IRON PRICE ADJUSTMENT:

Reason: No request was made by the Contractor for this item.

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Line Number	Item ID	Unit	Quantity	Amount	Quantity	Amount	Quantity	Amount
Totals				\$175,165.00		-\$48,129.12		\$127,035.88

**New Items**

Line Number	Item ID	Unit	Quantity	Amount	Quantity	Amount
<b>Section: 1 - Description</b>						
0560	950.0101	LS	1.000	\$12,930.190		\$12,930.19

EARTHWORK (SECTION 200): Force Account - Demo Concrete Wall & Backfill

Reason: See description above.

0570	950.1901	LS	1.000	\$78,250.200		\$78,250.20
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MISCELLANEOUS: Force Account - Obstruction Removal During Casing Advancement

Reason: See description above.

0580	698.051A	LS	1,574.180	-\$1,000		-\$1,574.18
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Fuel Asphalt Negative:

Reason: Monthly aggregation of adjustments for fuel prices resulted in a net negative based on current fuel index prices. See attached.

0590	698.041A	LS	1,267.030	-\$1,000		-\$1,267.03
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Asphalt Price Adjustment - Negative:

Reason: Monthly aggregation of adjustments for asphalt prices resulted in a net negative based on current fuel index prices. See attached.

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Line Number	Description	Unit Price	Quantity	Amount
4 items				Total: \$88,339.18

**Attachments**

Document	Name	Description	Submission Date
950.0101_Force_Account_-_Demo_Concrete_Wall_and_Backfill.pdf	950.0101_Force Account - Demo Concrete Wall and Backfill.pdf		06/30/2023 10:05 AM EDT
950.0901_Force_Account_-_Obstruction_Removal_.pdf	950.0901_Force Account -Obstruction Removal .pdf		06/30/2023 10:05 AM EDT
6320_-_Change_Order_001-Subsurface_Conditions_-_Rev0.pdf	Carson Letter -Obstruction_Subsurface Conditions.pdf		06/30/2023 10:15 AM EDT
Fuel_and_Aspphalt_Adjustments_James_St.pdf	Fuel and Asphalt Adjustments_James St.pdf		06/30/2023 10:05 AM EDT

4 attachments

*C&S E.I.C.*

C&S ENGINEERS, INC.

*Kimberly G. Beville*

CONTRACTOR: PRIME HIGHWAY CONTRACTORS, LLC

SPONSOR: CITY OF COHOES

NYSDOT

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