

ADDENDUM NO. 2

2021 21-400 Tracy Road Over Ash Craft Brook Culvert Replacement

Essex County, NY

February 18, 2021

TO ALL HOLDERS OF BIDDING DOCUMENTS:

This Addendum, issued to bid document holders of record, indicates clarifications to the bid documents for the 2021 21-400 Tracy Road over Ash Craft Brook Culvert Replacement project. All information and clarifications described herein shall be incorporated into the Contractor's bid proposal. This Addendum is part of the Contract Documents. Adjustments required by each item shall be understood to apply to all document references affected by the clarifications described.

1. Questions have been received requesting clarification of work that shall be included in some pay items. The following clarification to specific items is provided:
 - *201.07 Clearing and Grubbing* – As indicated on Sheet C-2 the County has performed tree cutting. Any additional cutting that needs to be completed, grubbing of stumps, tree and woody debris removal, shall be included in this item.
 - *202.19 Removal of Substructures* – This item shall include the demolition and removal of all substructures per NYSDOT Standard Specifications including, but not limited to existing concrete wingwalls, headwalls, cut-off wall (if extant) and associated foundations.
 - *203.02 Unclassified Excavation and Disposal* – This item shall include Unclassified Excavation and disposal as defined in the NYSDOT Standard Specifications, including, but not limited to excavation and removal of the existing roadway surface pavement, existing six-foot diameter culvert, existing 18-inch diameter culvert, rock excavation and rock surface preparation, and any other excavation required and not included in another item(s).
 - *206.01 Structure Excavation* – This item shall include Structure Excavation as described in the NYSDOT Standard Specifications, including, but not limited to excavation for the precast structures and foundations.
 - *206.0201 Trench and Culvert Excavation* – This item shall include Trench and Culvert Excavation as described in the NYSDOT Standard Specifications, including, but not limited to excavation for the new 18-inch diameter culvert.
 - *606.71 Removing and Disposing Corrugated Beam Guide Railing* – This item includes removing all existing corrugated beam guide railing as shown on sheet C-2. This item is limited to the rail. This item has been added to the Unit Price Bid Form – see revised form attached to this addendum.
 - *606.76 Removing and Disposing of Guide Posts, Guide Rail Posts, and Median Barrier Posts* – This item includes removing all existing guide rail posts associated with the existing corrugated beam railing. This item has been added to the Unit Price Bid Form – see revised form attached to this addendum.
 - *606.7910 Removing and Disposing Anchorage Units for Corrugated Beam Guide Railing and Median Barrier* – This item includes removing guide railing from the

centerline of the last post of the guiderail to the concrete anchor and removal of buried concrete anchoring unit. This item has been added to the Unit Price Bid Form – see revised form attached to this addendum.

- 607.41010010 Plastic Barrier Fence – This is a Special Specification for which a copy of the specification was not included in the Project Manual. A copy of this specification is attached to this Addendum.

2. Question Received: Can you confirm liquidated damages with the County? In a section that states “in agreement”, but the Essex County general conditions under section 6.0 don’t really specify.
Response: There are no liquidated damages associated with this contract.
3. Question received: Can you confirm road closure duration, says “sixty (90)” days?
Response: The road closure will be for ninety (90) days from June 1, 2021 to August 30, 2021.
4. The Typical Precast Concrete Crib-Type Wingwall Section drawing on Sheet S-2 indicates that NYSDOT Type 4 subbase shall be used to backfill the precast wall units and the Wingwall System Notes on Sheet N-1 call for subbase material, Type 2. The use of Type 2 subbase or Type 4 subbase will be accepted as precast wall unit backfill.
5. A revised Unit Price Bid Form (Rev. 2 - 2/18/2021) has been issued to add items 606.71, 606.72, and 606.7910. This form supersedes all previously issued Unit Price Bid Forms. Replace the Unit Price Bid Form in the Proposal in the Project Manual with the one that is attached to this Addendum.

END OF ADDENDUM NO. 2

Attachments:

- 1) Revised Unit Price Bid Form, Rev. 2 (6 pages)**
- 2) Specification for Item 607.41010010 (2 pages)**

**P.I.N. 1761-06 Tracy Road Over Ash Craft Brook Culvert Replacement
UNIT PRICE BID FORM**

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY / UNIT	UNIT PRICE IN WORDS	UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
BASE BID – CULVERT REPLACEMENT					
201.07	Clearing & Grubbing	0.1 / AC	_____ Dollars and _____ Cents	\$ _____	\$ _____
202.19	Removal of Substructures	91 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
203.02	Unclassified Excavation and Disposal	250 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
203.03	Roadway Embankment	1800 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
203.21	Select Structural Fill	615 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
206.01	Structure Excavation	850 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
206.0201	Trench and Culvert Excavation	27 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
207.20	Geotextile Bedding Fabric (Stone Filling)	335 / SY	_____ Dollars and _____ Cents	\$ _____	\$ _____

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UNIT PRICE BID FORM**

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY / UNIT	UNIT PRICE IN WORDS	UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
207.24	Geotextile Stabilization Fabric	1600 / SY	_____ Dollars and _____ Cents	\$ _____	\$ _____
207.27	Prefabricated Composite Integral Abutment Drain	52 / SY	_____ Dollars and _____ Cents	\$ _____	\$ _____
209.13	Silt Fence - Temporary	1250 / LF	_____ Dollars and _____ Cents	\$ _____	\$ _____
304.12	Subbase Type 2	365 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
402.098104	9.5 F1 Top Course HMA, 80 Series Compaction	115 / TON	_____ Dollars and _____ Cents	\$ _____	\$ _____
402.198904	19 F9 Binder Course HMA, 80 Series Compaction	190 / TON	_____ Dollars and _____ Cents	\$ _____	\$ _____
407.0102	Diluted Tack Coat	84 / GAL	_____ Dollars and _____ Cents	\$ _____	\$ _____
520.0900001 0	Saw Cutting Asphalt Concrete	71 / LF	_____ Dollars and _____ Cents	\$ _____	\$ _____

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UNIT PRICE BID FORM**

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY / UNIT	UNIT PRICE IN WORDS	UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
553.02nnnn	Cofferdam	2 / EA	_____ Dollars and _____ Cents	\$ _____	\$ _____
553.03nnnn	Temporary Waterway Diversion Structure	1 / EA	_____ Dollars and _____ Cents	\$ _____	\$ _____
554.41	Fill Type Retaining Wall, 6'-12'	765 / SF	_____ Dollars and _____ Cents	\$ _____	\$ _____
555.0105	Footing Concrete, Class A	31 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
555.08	Footing Concrete, Class HP	31 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
555.09	Concrete for Structures, Class HP	18 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
556.0202	Epoxy-Coated Bar Reinforcement for Structures	5720 / LB	_____ Dollars and _____ Cents	\$ _____	\$ _____
562.0101	Precast Conc. 3-Sided Structure	125 / SY	_____ Dollars and _____ Cents	\$ _____	\$ _____

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UNIT PRICE BID FORM**

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY / UNIT	UNIT PRICE IN WORDS	UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
595.5000001 8	Sheet Applied Waterproofing Membrane	1700 / SF	_____ Dollars and _____ Cents	\$ _____	\$ _____
603.100nnnn n	18" Dia. HDPE End Section	2 / EA	_____ Dollars and _____ Cents	\$ _____	\$ _____
603.9818	18" Dia. HDPE Culvert	40 / LF	_____ Dollars and _____ Cents	\$ _____	\$ _____
606.10	Box Beam Guide Railing	789 / LF	_____ Dollars and _____ Cents	\$ _____	\$ _____
606.100002	Shop Bent or Mitered Box Beam Guide Railing	36 / LF	_____ Dollars and _____ Cents	\$ _____	\$ _____
606.120201	Type IIA End Assembly	2 / EA	_____ Dollars and _____ Cents	\$ _____	\$ _____
606.71	Removing and Disposing Corrugated Beam Guide Railing	146 / LF	_____ Dollars and _____ Cents	\$ _____	\$ _____
606.72	Removing and Disposing of Guide Posts, Guide Rail Posts, and Median Barrier Posts	20 / EA	_____ Dollars and _____ Cents	\$ _____	\$ _____

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UNIT PRICE BID FORM**

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY / UNIT	UNIT PRICE IN WORDS	UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
606.791	Removing and Disposing Anchorage Units for Corrugated Beam Guide Railing and Median Barrier	4 / EA	_____ Dollars and _____ Cents	\$ _____	\$ _____
607.4101001 0	Temporary Plastic Barrier Fence	1070 / LF	_____ Dollars and _____ Cents	\$ _____	\$ _____
610.1401	Reuse Topsoil - Roadside	90 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
610.1601	Roadside Turf Establishment	1500 / SY	_____ Dollars and _____ Cents	\$ _____	\$ _____
619.01	Basic Work Zone Traffic Control	1 / LS	_____ Dollars and _____ Cents	\$ _____	\$ _____
620.02	Light Stone Filling	2 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
620.05	Heavy Stone Filling	225 / CY	_____ Dollars and _____ Cents	\$ _____	\$ _____
625.01	Survey Operations	1 / LS	_____ Dollars and _____ Cents	\$ _____	\$ _____

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UNIT PRICE BID FORM**

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY / UNIT	UNIT PRICE IN WORDS	UNIT PRICE (NUMERALS)	TOTAL (NUMERALS)
640.10	White Paint Reflectorized Pavement Stripes	1025 / LF	_____ Dollars and _____ Cents	\$ _____	\$ _____
640.11	Yellow Paint Reflectorized Pavement Stripes	1025 / LF	_____ Dollars and _____ Cents	\$ _____	\$ _____
699.040001	Mobilization	1 / LS	_____ Dollars and _____ Cents	\$ _____	\$ _____
TOTAL BASE BID (WORDS)			_____ Dollars and _____ Cents	TOTAL BASE BID (NUMERALS)	\$ _____

ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE

DESCRIPTION

This work shall consist of furnishing, installing, and maintaining Temporary Plastic Barrier Fences of the type and at the locations shown in the plans or where directed by the Engineer.

MATERIALS

Materials for Temporary Plastic Barrier Fences shall meet the following requirements:

- **Fence:** High-density polyethylene mesh, ultraviolet-stabilized min. 2 years; minimum height 4.0 feet. Color: high-visibility orange or green. When used to protect trees or other vegetation, color shall be high-visibility orange.
- **Posts:** Rigid metal or wood posts, minimum length 6.0 feet.
- **Ties:** Steel wire, #14 gauge or nylon cable ties.
- **Warning signs:** Sheet metal, plastic or other rigid, waterproof material, 1.5 feet by 2.0 feet with 4 inch black letters on a white background. Text shall be: "Protected Site - Keep Out" unless otherwise specified.

CONSTRUCTION DETAILS

Fences shall be erected prior to moving construction equipment onto any area designated for protection.

The line of fences as indicated on the plans shall be staked or marked out on the ground by the Contractor and approved by the Engineer before any fence is installed. Where used for protection of individual trees, fence shall be placed at the drip line (extent of canopy). If not possible, placement shall be as close to the drip line as possible and in no case less than 5.0 feet away from the tree trunk.

On approval of the stakeout, posts shall be securely driven on 6.0 foot-maximum centers, normal to the ground, to a depth 1/3 of the total post length. Plastic barrier fence shall be placed along the side of all posts. Ends of fencing segments shall overlap a distance of at least one half the fence height.

Fencing shall be secured to posts with wire or cable ties at top, middle and bottom of post. Fastener shall be tight enough to prevent the fencing from slipping down. Overlaps shall also be securely fastened.

Barrier fence which is not orange in color shall be flagged at 6.0 foot intervals with red or orange florescent tape. Warning signs shall be mounted on the fence at no more than 100 foot intervals.

Maintenance shall commence immediately after erection of the fence and continue until one week prior to acceptance of the contract, and shall consist of: replacing damaged post(s) and fencing; re-fastening and tightening fencing; and restoring fence to its intended height.

Fencing used for tree or other vegetation protection shall not be temporarily removed to allow equipment access over a protected area, except as required for items of work specifically shown on the plans and approved by the Engineer in writing.

ITEM 607.41010010 - TEMPORARY PLASTIC BARRIER FENCE

METHOD OF MEASUREMENT

The quantity to be measured for payment will be the number of feet of Temporary Plastic Barrier Fence erected, measured along the top, to the nearest whole foot.

BASIS OF PAYMENT

The unit price bid shall include the cost of all labor, materials and equipment necessary to satisfactorily complete the work. Relocation of a fence from one location to another as directed by the Engineer shall be considered as a new location and will be separately paid.

Seventy percent (70%) of the price bid will be paid after satisfactory installation of the fence. The remaining Thirty percent (30%) will be paid after complete removal of the fence.