



Charles D. Baker, Governor
Karyn E. Polito, Lieutenant Governor
Jamey Tesler, Secretary & CEO
Jonathan L. Gulliver, Highway Administrator



November 16, 2021

607588-116293

ADDENDUM NO. 4

To Prospective Bidders and Others on:

NORTHFIELD

**Federal Aid Project No. CMQ-003S(201)
Pedestrian Bridge Replacement Br. No. N-22-002 (Steel)
Pauchaug-Schell Bridge Greenway over the Connecticut River**

BIDS TO BE OPENED AND READ: TUESDAY, NOVEMBER 30, 2021 @ 2:00 P.M.

Transmitting changes to the Contract Documents as follows:

QUESTIONS AND RESPONSES: Three pages.

DOCUMENT A00801: Revised pages 104,185, and 186.

Note: The response to question 23 alters drawing 62 of 159. The response to question 24 alters drawing 51 of 159. Official plan changes will be made at a later date.

Please take note of the above, substitute the revised pages for the originals, and acknowledge Addendum No. 4 in your Expedite Proposal file before submitting your bid.

Very truly yours,

Eric M. Cardone, P.E.
Construction Contracts Engineer

RM
cc: J. Dalton, Project Manager

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NORTHFIELD

Federal Aid Project No. CMQ-003S(201) Pedestrian Bridge Replacement Br. No. N-22-002 (Steel) Pauchaug-Schell Bridge Greenway over the Connecticut River

(607588-116293)

Questions and Responses

Addendum No. 4, November 16, 2021

MOHAWK Northeast, Inc. e-mail dated November 10, 2021

Question 23) End Grain Wood Pavers, specification (A00801-118) states the pavers shall be 3 ½" -4" x 3-1/2"-4" with a depth of 2-2.3", however the detail on plan sheet 62 of 159 says the pavers shall be 4"x6", please advise.

Response 23) End Grain Wood Pavers shall be 3½"-4" x 3½" – 4" as stated in the Special Provisions. Official plan changes will be made at a later date.

Question 24) Plan Sheet 51 of 159, there is a call out for "19 – Temp. Conc. Curb Stops", however Specification 118.2 (A00804-84) states "A plastic curb stop should be installed at each parking space". Please confirm if the temporary wheel stops shall be plastic or concrete.

Response 24) Temporary wheel stops shall be plastic. The callout on Sheet 51 will be revised accordingly. Official plan changes will be made at a later date.

Question 25) Plan Sheet 51 of 159, Note 6 references "Occupancy Area 'C' shall be pulverized (reclaimed) and left in a condition ready to be repaved by the Department of Fish and Game." Is this only the paved area within the limits of the Temporary Chain Link Fence, or please define the area to be Reclaimed?

Response 25) Pre-existing paved areas within the boundary limits of Temporary Occupancy Area 'C', as defined by dashed lines in the General Permit from Fishing and Boating Access, shall be pulverized (reclaimed) and left in a condition ready to be repaved within the limits shown in the permit (A00850-10).

NORTHFIELD

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Questions and Responses

Addendum No. 4, November 16, 2021

Question 26) Please clearly define the limits of Pay Item “118.3 – Rehab. Exist Asphalt Pavement – PBWMA”.

Response 26) The limits of Pay Item “118.3 – Rehab. Exist Asphalt Pavement – PBWMA” are dependent on the condition of the pre-existing pavement once the Contractor has completed their use of the property. At that time, the condition of all pre-existing pavement on the property (exclusive of pavement to be pulverized (reclaimed)) will be surveyed and compared to the pre-construction survey to be performed by the Contractor. If the post-construction survey shows any of those areas of existing pavement were damaged while the Contractor occupied the property, limits of areas to be repaired will be determined by the Engineer and may include all pavement near the boat ramp, along the access road and at the entrance/exit to the existing parking lot area.

Question 27) Please provide a trench detail for items 804.4 and 804.6. Specifically, detailing trench width and height, and backfill materials (ie. Sand or concrete).

Response 27) See revised special provisions for Item 804.4 and 804.6 on pages A00801-185 and 186.

Question 28) Please provide a pay item for “Temporary Chain Link Fence Gate”

Response 28) Payment for temporary fence gates will be included under Item 657. “Temporary Fence” based on the length of the gate. See revised page A00801-104.

Question 29) Item 657 (Temporary Fence) states “Temporary screening may be required, as directed by the Engineer”, please consider adding a pay item for Temporary Screening.

Response 29) Temporary screening will not be required for this project. Please see revised page A00801-104

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Questions and Responses

Addendum No. 4, November 16, 2021

Casco Bay Steel Structures, Inc. e-mail dated November 15, 2021

Question 30) As a follow up for additional clarification to Addendum #3 – Question #2 from CBSS and your MASS DOT’s response stating the flanges and webs can be metalized – Can we also metalize the interior bolted L6 x 6 x 1/2 as well so that the surface between flanges, webs and interior angles are of the same coatings?

Response 30) Yes, interior bolted angles may be metalized as an alternate to hot-dip galvanizing.

Question 31) As a follow up for additional clarification to Addendum #3 – Question #10 from CBSS - MASS DOT’s response of .015” – Is this a .015” per foot? If this is over the complete length (Approx. 23’-0”) of the interfacing surface, per machine shops we’ve spoken with, could be nearly impossible to hold over 23’-0”.

Response 31) Yes, the .015” is per foot.

④ Addendum No. 4, November 16, 2021

ITEM 657.**TEMPORARY FENCE****FOOT**

The work under this Item shall conform to the relevant provisions of Subsection 644 of the Standard Specifications and the following:

- ④ The work under this Item shall include furnishing, installing, maintaining and removing a 6.0 foot high chain-link fence and gates in the location(s) indicated on the Plans and/or as required by the Engineer. The fence shall be used to close off the construction area from adjacent properties.
- ④ The Contractor will be responsible for submitting an acceptable method to the Engineer detailing their method of installing Temporary Fence and gates that will provide pedestrian and worker safety and security for which it is intended.

The fencing height shall be 6.0 foot minimum. Materials need not be new, but shall be in good condition, shall not be deteriorated, nor in a condition which in any way may jeopardize the safety and security purposes intended. All fencing shall meet the approval of the Engineer. The temporary fencing used at the boat ramp and staging area at the Pauchaug Brook Boat Ramp facility shall not use posts driven into the ground. The temporary fence required for these areas shall be installed on self-supporting posts that do not require penetration into the existing ground.

④ **Gates:**

Provide personnel and vehicle gates of the quantity and size required for functional access to the site.

1. Fabricate gates of the same material used for fencing.
2. Vehicle gates:
 - a. Minimum Width: 20 feet to allow access for emergency vehicles
 - b. Capable of manual operation by a single person

It may be necessary to remove sections of the Temporary Fence during construction. Any removing/resetting of the Temporary Fence by the Contractor to facilitate his/her operations or site access shall be done at no additional cost to the Department. Fence fabric shall be placed to the top of the post away from the work area. A top tension wire, rather than pipe top rail, shall be used. The top edge of the fabric shall be finished with a “knuckled” selvage. The Temporary Fence shall not be removed until construction is completed, or as directed by the Engineer.

- ④ The Contractor shall be responsible for maintenance of Temporary Fence and gates. The contractor is responsible for the work area remaining secure and inaccessible to the general public at all times. The Contractor shall replace and/or restore sections of fence damaged due to accidents, vandalism or in any other manner during construction. Damages due to construction activities shall be replaced at no additional cost to the Department.

METHOD OF MEASUREMENT

- ④ Item 657. will be measured for payment by the FOOT of fence and gate installed.

④ **BASIS OF PAYMENT**

Item 657. will be paid for at the Contract unit price per FOOT, which price shall include all labor, materials, equipment, and incidental costs required to complete the work.

No separate payment will be made for all posts including end, corner, and intermediate brace posts, all gates and gate posts, removing and resetting of temporary fence, the replacement and/or restoration of fence damaged due to construction accidents, vandalism and/or any other manner, and final removal, but all costs in connection therewith shall be included in the Contract unit price bid.

The fence shall not be removed without prior approval of the Engineer.

Payment of 80% of the bid price of this item will be made upon complete installation.

The remaining 20% of the bid price of this Item will be paid following complete removal.

④ Addendum No. 4, November 16, 2021

<u>ITEM 804.4</u>	<u>4 INCH ELECTRICAL CONDUIT</u> <u>TYPE NM – PLASTIC-(UL)</u>	<u>FOOT</u>
<u>ITEM 804.6</u>	<u>6 INCH ELECTRICAL CONDUIT</u> <u>TYPE NM – PLASTIC-(UL)</u>	<u>FOOT</u>

The work under these Items shall conform to the relevant provisions of Subsection 801 of the Standard Specifications and the following:

The work under Item 804.4 includes the procurement and installation of 2-4” diameter telephone conduits on the new bridge superstructure, which will pass through each bridge backwall and extend to the nearest handhole on each end of the bridge as shown on the Plans. All hangers, connection hardware, excavation, backfill, concrete, and other appurtenances required for installation are considered incidental to Item 804.4.

④

The work under Item 804.6 includes the procurement and installation of 6-6” diameter electric conduits on the new bridge superstructure, which will pass through each bridge backwall and extend to the nearest manhole on each end of the bridge as shown on the Plans. All hangers, connection hardware, excavation, backfill, concrete, and other appurtenances required for installation are considered incidental to Item 804.6.

④

Two different material types are required. Conduit buried underground shall be Plastic PVC. Conduit over the bridge shall be fiberglass. Both PVC and Fiberglass conduits shall be per the requirements of the respective utility companies.

④

Installation of the conduit shall be in accordance with the requirements and design specifications of the utility owners (Verizon and Eversource). All materials procured for the work shall be from a supplier approved by the utility owners, or from an approved equal supplier who products meet all specifications of the utility owners. No design of the conduits themselves (expansion joint locations, anchors, adapters, elbows, etc.) has been performed at this time. The Contractor is responsible for coordination of any design and approval of the chosen conduit system through the utility owners or material suppliers. No additional payments will be made for material or installation which is rejected by the utility owners for failure to comply with their specifications.

The utility owners will be responsible for the installation of new conduit for their facilities beyond the nearest manhole/handhole at each end of the bridge.

④

Trench and backfill requirements shall be per the trenching details shown below.

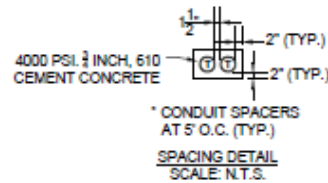
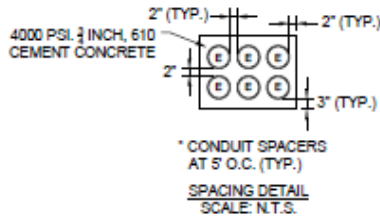
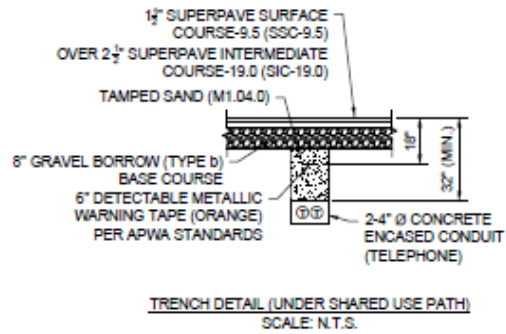
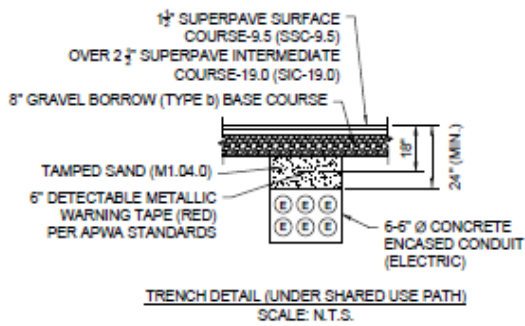
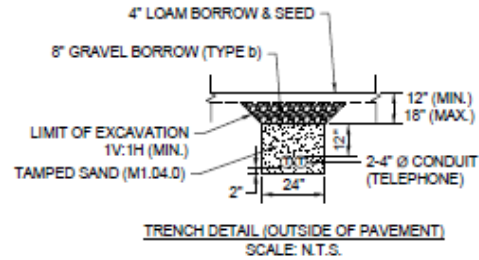
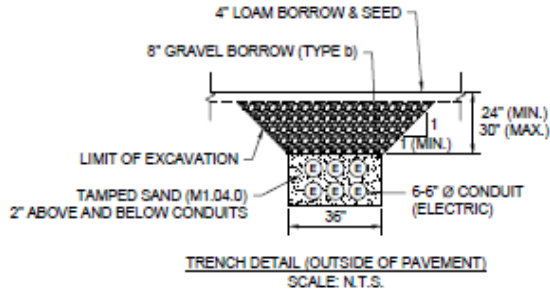
Wiring

Procurement and installation of all wiring is the responsibility of the utility owners, who will perform the work at a later date after the Contractor completes installation of the conduits. The Contractor shall coordinate his/her activities with the utility owners to allow for installation of the wiring.

④ Addendum No. 4, November 16, 2021

ITEMS 804.4 & 804.6 (Continued)

④



ELECTRIC CONDUIT DETAILS

FOR DETAILS OF ELECTRIC CONDUITS AT MANHOLES, REFER TO EVERSOURCE SPECIFICATIONS.

TELEPHONE CONDUIT DETAILS

④ **METHOD OF MEASUREMENT AND BASIS OF PAYMENT**

Items 804.4 and 804.6 will be measured and paid per Subsections 801.80 and 801.81, respectively.

No separate payment will be made for fiberglass conduits, as required by the utility companies, but all costs in connection therewith shall be included in the Contract unit price bid for Item 804.4 or Item 804.6 respectively.