

TAS 24-21B / D214922
Replacement of the NYS Thruway (I-90) Bridge over
Mohawk Street (Route 28) at Milepost 219.91 in Herkimer County

QUESTIONS AND ANSWERS

Q1. More efficient sheet pile sections than those suggested in the STAGE 1 TEMPORARY SHEET PILE TABLE (, as shown on Drawing Number ST-10, plan sheet 49 of 235). Please provide the minimum Section Modulus and Steel Grade on which the design is based.

A1. The geotechnical engineers on our staff indicated the moment demand is 147.8 k-ft, and for 50 ksi steel the section modulus is 59.2 cubic inches.

December 4, 2024

Q2. There are several items shown on drawings (conduit, junction boxes, pull boxes, wire, etc.) that do not have item numbers / quantities. Is this to be a lump sum bid?

A2. Item 670.30013102, LED Under Mount Bridge Lighting Fixture - 120-277 Voltage, 4000-4999 Lumen Range, Black Fixture is paid for on an "EACH" fixture basis. The Item includes all wiring, conduits, photocells and supporting hardware materials and labor required to mount the fixture and supply power from the existing electrical meter and breaker box EL6 located away from the bridge. The Item is paid as an "EACH" unit with a quantity of 8 in the contract.

Q3. Item 645.830802 for large guide sign has always included the drilling and concrete. Why has the Authority added an extra item 551.50030 for the drilled shafts? And if this is the case, why was it excluded from Item 645.830202 on sheet 22?

A3. The foundations required here with the presence of the sloped embankment where the large Exit 30 with NY State Route 28 Herkimer Mohawk sign will be installed warranted the separate items for the drilling and the concrete. These conditions are not present at the Exit 30 gore sign location.

December 10, 2024

Q4. Drawing UP-3, table "REESTABLISHING ELECTRICAL UNDERGROUND SERVICE TO CUSTOMERS", column "DRAWING NUMBER", last line in table calls out drawing GP-7. I do not see this drawing in the plan set.

A4. Drawing GP-7 was going to show primarily the same information as Drawing UP-2, as it was strictly to show utilities. Therefore, all references to Drawing GP-7 in the tables and plans are intended to reference Drawing UP-2.

Q5. Drawing TC-51, Note 3 references item 619.1611. I do not see this item listed in the proposal.

A5. Item 619.1611 will be added in a forthcoming amendment.

December 12, 2024

Q6. Sheets 204, 208, and 220 reference item 619.1611 - Maintain Signals Requirement A, which does not appear in the proposal.

A6. Item 619.1611 was added in Amendment #2.

Q7. "NEW SIGN ASSEMBLY TABLE", under the Size category, says to (SEE NOTE 3). However, there are not notes present on this plan sheet. Please provide details of Note 3.

A7. The reference to "See Note 3" is a note in the Section 645 Standard Sheets. Since these signs are custom signs, there is no need to See Note 3 in this contract.

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- Q8. Per plans there are mechanical connectors and threaded bars needed - since per the DOT approved materials list there are no approved galv. coated rebar connectors. I need to know what would be approved to use on this project?
- A8. NYSDOT has acknowledged that although there are some in the process of getting approved for general use, they are currently using them only via single-project approvals. Presently, NYSDOT is using galvanized Dayton Superior D101 with 101A or D102A or D103A for a NYSDOT project under construction in Buffalo. Dayton Superior has indicated this is available for other projects. The contractors will be allowed to swap (list of bar marks shown below) for the same size and length as shown in the existing plans as the D101 and D101A have a 3' length as one of the standard lengths produced. D102A and D103A are custom order for all coating types normally. If the contractor elects to swap for Dayton Superior fabricated bar splicing pairs or approved equal, these will be paid as plan sheet bars at the lengths shown in the plans.

The following bars may be considered for swap to Dayton Superior D101 or Thruway approved equal:

5BWG27, 5BWG28, 5BWG37, 5BWG38, 5BWG43, 5BWG44, 5BWG49, 5BWG50, 5BWG57, 5BWG58, 5BWG61, 5BWG62, 5BWG96, 5BWG97, 5BWG104, 5BWG105, 5BWG110, 5BWG111, 5BWG114, 5BWG115, 5BWG156, 5BWG157, 5BWG166, 5BWG167, 5BWG172, 5BWG173, 5BWG178, 5BWG179, 5BWG186, 5BWG187, 5BWG190, 5BWG191, 5BWG217, 5BWG218, 5BWG225, 5BWG226, 5BWG229, 5BWG230, 5EWG26, 5EWG27, 5EWG32, 5EWG33, 5EWG38, 5EWG39, 5EWG68, 5EWG69, 5EWG74, 5EWG75, 5EWG80, 5EWG81

The following bars may be considered for swap to Dayton Superior D101A or Thruway approved equal:

5BWG13, 5BWG14, 5BWG21, 5BWG22, 5BWG25, 5BWG26, 5BWG31, 5BWG32, 5BWG41, 5BWG42, 5BWG47, 5BWG48, 5BWG80, 5BWG81, 5BWG88, 5BWG89, 5BWG92, 5BWG93, 5BWG142, 5BWG143, 5BWG150, 5BWG151, 5BWG154, 5BWG155, 5BWG160, 5BWG161, 5BWG170, 5BWG171, 5BWG176, 5BWG177, 5BWG203, 5BWG204, 5BWG211, 5BWG212, 5BWG215, 5BWG216, 5EWG12, 5EWG13, 5EWG18, 5EWG19, 5EWG24, 5EWG25, 5EWG54, 5EWG55, 5EWG60, 5EWG61, 5EWG66, 5EWG67

The following bars may be considered for swap to Dayton Superior D102A or Thruway approved equal:

5FCG01, 5BWG98, 5BWG99, 5BWG108, 5BWG109, 5FCG02, 5FCG03, 5FCG04

If there are any other locations which clearly are 3' bars on both sides of a construction joint that were not shown on the lists above, they can be considered in the same manner, we have attempted to locate all of them in the 235 sheets of the plans for ease of estimating, but the Contractor remains responsible for their own calculations and supply for the project. For payment purposes, any swaps to these commercially-available galvanized splicing bars shall be paid per the plan sheet bar being swapped for under Item 556.0203, in most cases as the 3' of the bar mark shown on the bar list. Cost for these splicing bars should be factored into the unit price bid for Item 556.0203.

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December 13, 2024

- Q9. Barrier pay item 569.04 single slope half section barrier - the dowels that start in wings and deck are listed with those structures - but the #7 Long Bars or the cap bars for barriers are not found in the plans or in the provided bar list. Can the bar list for these barriers be provided?
- A9. 23 plan sheets covering reinforcement have been revised and will be reissued in Amendment #3, which include the required bar lists for the Eastbound Barrier and Westbound Barrier. As these bars are not included in the payment for Item 556.0203, there is no increase in quantity to bar weights, but the cost of these bars is included in the unit price of Item 569.04.
- Q10. Sheet 33 indicates relocating two pedestrian poles and includes items for the new foundations and moving the poles. Items for conduit excavation, conduit, and wire that would be required to tie in the poles to the new locations are not shown. Will these items be added to the contract? Sheets 204, 208, and 220 reference item 619.1611 - Maintain Signals Requirement A, which does not appear in the proposal.
- A10. Drawing PM-1, sheet 33 of 235, has been revised and will be reissued in Amendment #3, adding notes to clarify payment for the complete relocation of the pedestrian poles. Item 619.1611 was added to the estimate in Amendment #2.
- Q11. Is all Interceptor Drain to be removed, including areas through existing pavement? If so, under what payment item? What is the backfill/paving detail from 2826+00 to 2832+03?
- A11. The existing and proposed interceptor drains will remain.
Drawing TC-2, sheet 155 of 235 has been revised and will be reissued in Amendment #3.
- Q12. Note 1 on sheet UP-3 states that the contractor should "replace the service wire from the meter to the top of the new utility pole and any necessary conduit. Cost of this work shall be included under item 662.01000X07" Two of the three services to be reestablished appear to be 15KV primary. Will the contractor be held to Note 1 for the primary services to be reestablished? If so, who is responsible for terminations and testing of the new primary? Can the Thruway provide details of the termination points for the two primary services? One appears to energize the maintenance facility. The second primary service appears to serve the pump house for the Canal.
- A12. Primary risers shall be relocated by the utility owner (National Grid) as shown in the contract plans and documents.
Secondary risers shall be relocated by the Contractor under Item 662.01000X07 - Reestablishing Electrical Underground Services to Customers. Notes 1,3 and 4 shall still apply.
Existing service at EP6 for item 662.01000107 goes from PP1 to EL6.
Existing service at EP6 for item 662.01000207 goes from PP1 to Flower Bed.