

Delaware Department of Transportation

QUESTIONS AND ANSWERS

T201907601

BR 3-155N&S ON SR1 OVER BROADKILL RIVER, SUSSEX COUNTY

Wednesday, October 14, 2020

Q #	Question	Answer
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28	The delayed NTP date of October 1, 2021 issued as part of Addendum 3 appears to conflict with the scheduled for the SR1 and SR16 Grade Separated Intersection project. Will there be conflicts between these two projects or will the intersection project be delayed?	DelDOT intends to keep the SR1/16 project on schedule to begin construction around August 1, 2021. The work for the intersection project is generally off of SR1 and should have minimal impacts to traffic during (not conflicts with) the bridge project. Note that the bridge contractor will be expected to coordinate with the intersection project contractor should the potential for conflicts arise.
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Wednesday, September 30, 2020

27	Where is excavation for the Abutment paid?	Per Section 211.05 of the Standard Specifications, the Department will not make separate payment for excavation resulting from the partial removal of the abutments.
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Q #	Question	Answer
26	Please provide a quantity table that details how the Excavation, Embankment and Borrow quantities were calculated.	<p>An earthwork summary table is not available for this project. Project cross sections were used to quantify the Excavation and Embankment and Borrow, Type F quantities. The majority of the earthwork will consist of removing the pavement from the temporary crossovers and re-grading the median ditch. An earthwork summary is available per plan sheet:</p> <p>202000 - Excavation and Embankment:</p> <p>CP-01 - 0 CP-02 - 0 CP-03 - 749 CP-04 - 6 CP-05 - 766 CP-06 - 0 CP-07 - 0 Total - 1520</p> <p>209006 - Borrow, Type F:</p> <p>CP-01 - 0 CP-02 - 0 CP-03 - 366 CP-04 - 34 CP-05 - 373 CP-06 - 0 CP-07 - 0 Total - 773</p>
25	Does the Temporary Barrier wall need to be painted white?	The traffic side of the Temporary PCC Safety Barrier shall be painted with white latex paint prior to placement per Section 807.03.1.B.
24	What bid item do Flaggers get paid under? There is not a specific bid item. Is it incidental?	Flaggers are not anticipated for the work in this contract.

Q #	Question	Answer
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Tuesday, September 22, 2020

23	It is not clear which pay item the Cast in Place Concrete Sleeper Slabs get paid under, please clarify.	The cast-in-place portions of the sleeper slabs are paid under Item 610016 – Portland Cement Masonry, Class D.
22	Per BidX this project is calling for the furnish and install of up to 4" galvanized steel conduit on the structure. Are there any specifications where I can confirm this is accurate and also that 4" HDG clevis hangers are being utilized like the plans show?	Refer to Standard Specifications Section 1062 – Conduit for details of the conduit used for the FURNISH & INSTALL UP TO 4' GALVANIZED STEEL CONDUIT (ON STRUCTURE) item. Conduit hangers used for the FURNISH & INSTALL UP TO 4' GALVANIZED STEEL CONDUIT (ON STRUCTURE) item shall follow the plan details and shall be galvanized following Dwg. TS-02 Note 9.

Wednesday, September 02, 2020

21	Items 605504 and 605511 require cleaning of the existing loose coating. Does the department intend to recoat the monotube piles?	No, the monotube piles will not be recoated.
20	Will the Engineer of Record have a representative on site or will the contractor be required to document visual inspections prior to encapsulation operations?	DelDOT's Construction Inspector will document the conditions observed during the visual inspections.
19	In regards to question eight, Q# 8 in document QA T201907601 08-24-20, who will be conducting the visual inspection prior to installing jackets and pouring the epoxy?	It is the responsibility of the Contractor and DelDOT's Construction Inspector to perform this visual inspection.
18	Is Paynter Road and Lockerman Road available for a dumpster and material handling?	The Contractor is responsible for obtaining staging/stockpile/disposal areas. Locations within an active roadway will not be permitted; however, there are areas within DelDOT Right-of-way but outside the roadway along Paynter Road and Lockerman Road that may be available. Contractor will coordinate with DelDOT's Construction Group as outlined in the Standard Specifications.

Q #	Question	Answer
17	What is the heaviest tool authorized for removing the current pile encapsulations?	The Contractor shall demonstrate the means and methods to remove the existing encasements without damaging the existing piles.

Thursday, August 27, 2020

16	Is there project provided property for Contractor and Owner office trailers and a lay down yard?	No. The Contractor is responsible for either finding property to rent or for setting one up on-site or nearby. The Contractor could investigate the right-of-way available between Lockerman Road and SR 1 located to the south of the bridge. There is also a lot of nearby privately-owned open space that the Contractor could investigate if more space is needed.
15	Due to the prescribed schedule, the PPC will be placed in the winter. The specification requires the surface to be 50 degrees. This may not be achievable in February and December, if not achievable will a waiver be provided for the PPC placement?	The special provision will be revised in forthcoming addendum.
14	Due to the aggressive schedule will an accelerated shop drawing review be implemented?	The Department acknowledges that the project has an accelerated schedule and will have design staff available to review complete shop
13	Can any river data (depths and flow rates) be provided?	Stream gauge data at the bridge site are not available.
12	What are the restrictions for working in the river? Can the designated channel under Span 3 be blocked for construction?	Refer to the USACE and DNREC permits. As this is a navigable waterway, space must be provided under Span 3 to allow passage of a marine vessel.
11	Sheet NL-01 discusses obtaining all required USCG permits for this project. Have any USCG or related permits been obtained by DeIDOT? With the accelerated nature of this project it may not be	DeIDOT has coordinated with the USCG regarding required permits. A bridge maintenance project plan will be required and must be submitted to USCG at least 30 days prior to construction (but
10	Can the As-Builts for the existing bridge and the most recent inspection and rating report be provided?	Yes, plans that are listed in the bid documents will serve as the as-builts. The most recent inspection and rating report can be provided to the awarded contractor.

Q #	Question	Answer
9	Why are you removing old Pile Jackets and what are you trying to achieve in doing so?	The Department is removing the existing pile protective jackets due to excessive deterioration. The proposed protective pile jackets are being installed to ensure long term serviceability and structural integrity of the bridge foundation piles.
8	Any Time frame from cleaning of piles to when they have to be poured ?	No, however a visual inspection is required prior to pouring to ensure that all pile surfaces to be covered with the jackets are free of marine growth, laitance, debris, grease, oil, dirt, and any other deleterious material that could prevent proper bonding.
7	Does jacket demo and installation count as disturbing bottom if barge isn't spudded down for any potential fish spawning regulations ?	No in-stream work may be performed within the time-of-year-restriction (TOYR) period noted whether the barge is spudded down or not. Note that work from the barge to access above water construction only may be completed within the TOYR if the barge is spudded down (i.e., stationary) prior to the TOYR date.
6	Is the existing grout to be removed (Cementitious Grout) or (Epoxy Grout) ?	The existing grout is epoxy grout. Reference the plans for Contract 89-076-04.
5	Cleaning requirements for exposed mono piles ?	Cleaning requirements are specified in the Special Provisions for Items 605504 and 605511.
4	Port Spacing ?	Port spacing should be set according to the manufacturer's recommendations.
3	Clearance from mesh to mono pile ?	1" of clearance is required from the mesh to the inside of the FRP jacket. Reference Section B-B on Sheet 146 (Drawing DT-01) of the contract plans.

Q #	Question	Answer
2	<p>Specifications 605504 - FRP Jacket and Epoxy Grout Pile Encasement, 18" Round Pile and 605511 - FRP Jacket and Epoxy Grout Pile Encasement, 16" Round Pile, under Materials:, Paragraph 1. Describes the jackets. Line Item (f) Color..... Grey or Brown as noted in the plans.</p> <p>There is no color stipulated on the plans in PR-01 through PR-08, PR-12 through PR-19 and DT-01.</p> <p>What specific color does DelDOT require for the jackets?</p>	<p>Grey. This will be addressed in forthcoming addendum.</p>
1	<p>The Phase 1 duration is 67 CD with 23 weather days for a net of 44 available days. Phase 3 has a duration of 65 CD with 10 weather days for a net of 55 available days. Since the work is similar for both phases and the allotted time is very tight, can the weather days be removed allowing the Contractor the full allotted time? If not, the Phase 1 weather days should be reduced to 12 to allow the same 55 available days as Phase 3.</p>	<p>The difference in net duration between the phases is assumed to be made up by working longer shifts and/or multiple shifts for some of the activities. Seasonal traffic volumes are driving the construction windows, pushing the need for more/longer shifts.</p>