

Delaware Department of Transportation

QUESTIONS AND ANSWERS

T201109002.01

I-95 AND SR 141 INTERCHANGE, RAMPS G & F IMPROVEMENTS, NEW CASTLE COUNTY

Friday, September 18, 2015

Q #	Question	Answer
Thursday, September 17, 2015		
34	In regards to the bolting up of diaphragms and placing deck concrete for Phase 2 of each bridge, the Phase 2 girder will have 4"+ of camber and the adjacent Phase 1 girder will have nearly all camber out of it with concrete deck, temporary barrier and traffic loading on it already. How does DelDOT intend to handle this design situation with a 4"+ vertical difference between the tops of girders?	It is the intent of the department for the contractor to propose the means and methods. Payment incidental to the contract.
33	On Sheet 418 (CS-190) the detail "SKID FOR NON-BREAKAWAY SYSTEM TEMPORARY SIGNING" seems to indicate that the uprights should be 4"x6" for the "small" version and 6"x6" for the "large" version, however there is an arrow that points to the upright on the other side of the drawing that indicates 4"x4", which is correct?	The "Skid for Non-Breakaway System Temporary Signing" detail on Sheet 418 (CS-190) has been revised on Addendum No. 5. The vertical upright should be 3 - 4"x6" posts for the smaller sign and 3-6"x6" posts for the larger sign. The angle support should be 3-4"x4" posts for the smaller sign and double braced 3-4"x4" posts for the larger sign.
32	When will the quantity for item 208000 be revised in an addendum as mentioned in the answer to question 15?	The quantity was revised in Addendum No. 4 issued on September 17, 2015.
31	What work is quantified as AVEX10 : Unsuitable Materials on Sheet No. 5? Is any of this If and Where Directed?	AVEX10 unsuitable materials consist of the material removed at the bottom of the embankment slopes to be undercut as noted on DT-05 and the locations shown in the grades and geometrics plans. Additionally any hotmix, rootmat, or gravel to be removed is included in the unsuitable materials.
30	What work is quantified under AVEX07 : Miscellaneous Excavations on Sheet No. 5?	The undercutting and benching is quantified under AVEX07.
29	How is the Excavation and Embankment work necessary to complete the Excavation Benching & Undercut shown on sheet DT-05 measured & paid?	Payment for Benching and Undercutting Shall conform to section 202.11 of DelDOT standard specifications.

Q #	Question	Answer
28	Should the bridges structure girders for I-675 (11-lines of girders) and I-678 (9-lines of girders) be fully shop assembled entirely or can we just shop assemble each girder line?	Full assembly of the structure is not necessary. Single line girder assemblies are acceptable and plan notes must be followed regarding the fitting of the field splice plates and bolt connections.
27	Item 605664 – Steel Sign Structures. SS CL-4 at Station 1173+29 shown on page SS-09 is not included in the item breakout sheets. Under which item is this sign structure to be paid?	Breakout Sheet 1 for Item 605664 Steel Sign Structure has been revised and issued on Addendum No. 5.
26	Reference DOT 2001 Standard Specifications for Roads and Bridge Construction, Assembly: 826.13, sub. par. a Shop Assembly. Should the bridges structure girders for I-675 (11-lines of girders) and I-678 (9-lines of girders) be fully shop assembled entirely or does this mean we can just shop assemble each girder line?	Full assembly of the structure is not necessary. Single line girder assemblies are acceptable and plan notes must be followed regarding the fitting of the field splice plates and bolt connections.
25	Is the reinforcement steel incidental to the steel sign structure item 605664?	Yes, the reinforcing steel is incidental to item 605664. Sheet 92, Note 1 states that sign structure foundations are incidental to Item 605664. This foundation details show the reinforcing steel necessary.

Tuesday, September 15, 2015

24	Item 908020 Erosion Control Blanket Mulch was defined by one of the GCs bidding as Type 5. Is that correct? If not, could you please give me a better description of this item? Also would need to know if not, is the seed included or is the Perm Grass Seeding Dry Ground for use with that matting?	Please refer to the Supplemental Specifications to the August 2011 Standard Specifications (Revised November 11, 2014). Section 908 – Soil Stabilization Practices
23	Specs state that barrier can be slip-formed but on page 112 of the plans it state that there shall be no slip-forming of barrier. Which is correct?	The spec. (720512, 720529 & 720587) is referring to median barriers. The note on sheet 112 is referring to barrier on the structure. Slip-forming will not be permitted on the structures.
22	Please clarify note 7 on plan sheet #4. It states to add .5% virgin asphalt binder to all approved Type B and BCBC mixes. It goes on to state this additional binder will be paid under the AC Index. Does this mean that .5% of every ton of Type B and BCBC will be paid at the full price of the current AC index at time of placement? How will this additional binder to approved mixes effect the QC parameters of the 400 specifications?	This was addressed with Addendum 3. We revised plan sheet 4 by deleting note 7.

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21	Is more information available regarding existing soil borings, and or pavement cores?	No additional information is available.
20	Item 602003 – PCC Masonry Class A – Bridge 678. Are the limits for the 4” cap shown on page 188 the limits for this pay item at 80’-10” long? Is this also the limit for the 57 stone?	<p>The limits of the 4ft deep pier cap are 76’-6” as shown on sheet 188 of the plans. This is paid under item 602007 – PCC Masonry, Pier Above Footing, Class A.</p> <p>The limits of the pier footer are 80’-10” as shown on sheet 188 of the plans. This is paid under item 602006, PCC Masonry, Pier Footing, Class B.</p> <p>The limits of the stone below the pier footer are 18” outside of the vertical face of the footer. That would make the limits shown on sheet 188 a total of 83’-10”. This is paid under item 608000 – Coarse Aggregate for Foundation Stabilization.</p>
19	In accordance with note 13 on plan set sheet number 112 and 161 could you please provide us with a copy of the existing structure drawings?	Existing Drawings - Part I and Part 2 have been posted to the website not as part of the official contract documents, but for informational purposes only.
18	<p>Item 749687 – Installation or removal of traffic sign on a single sign post.</p> <p>The Description says that payment is made for all signs installed or removed on a single post.</p> <p>The Method of Measurement says the number of signs installed or removed.</p> <p>Is the payment by the post or by the number of signs on a single post?</p>	Payment for Item 749687- Installation or Removal of Traffic Sign on a Single Sign Post is paid by the post.
17	It appears that the hours for bid item 763503, Trainee, are not the same quantities on the bid proposal sheets and the bid disk (3120 hours versus 1305 hours).	The correct hours for Item 763503, Trainee is 3120 Hours. Addendum No. 3 corrected the Bid Proposal sheet.

Q #	Question	Answer
16	Items 720529 & 720587 specify the use of white cement. This isn't commonly used on DelDOT projects, doesn't match what is on the existing roadway and raises the cost of the work. When specified previously, it has been changed to 'regular' concrete (no white cement). Can the white cement requirement for pcc barriers be removed?	The white cement requirement cannot be removed. The contractor does have the option to use 60%/40% (Cement/Slag) +White Sand as a substitute for the White Cement + White Sand.
15	For bid item 208000 DeIDOT has a quantity of 4754 CY. This would be for 32 lf of 24" RCP and 46 lf of 24" steel casing pipe plus test pits. Where does the quantity of 4754 come from?	The quantity should be revised to 52 CY. The original quantity quantified excavation for all pipe sizes, the standard spec for reinforced concrete pipe states that all pipes less than 24" inside diameter, the excavation is included in the respective pipe item.

Friday, September 11, 2015

14	We are requesting the Cross Sections of the Proposed Christiana Mall Borrow Stockpile mentioned on Sheet 4 Section 200 Note #5.	Cross Sections are being prepared and will be posted to the website by 9/16/15. Cross sections are not part of the official contract documents, but for informational purposes only.
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Friday, September 04, 2015

13	Regarding Special Provision 605664 - STEEL SIGN STRUCTURES, Construction Methods, Paragraph (a): If DelDOT is specifying the materials, is a PE seal from the fabricator actually necessary? The PE would have to verify all your required materials calculations, which would increase your cost, when its really your specification and calculations.	Language has been added to the special provision for 605664 to make it clear when a contractor Professional Engineer is required.
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Thursday, September 03, 2015

12	Can you provide an unlocked or unsecured version of the cross sections? The version that is posted will not open in the programs we use.	The Cross Sections have been unsecured and reposted to the website.
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Tuesday, September 01, 2015

11	Does DelDOT have property to erect the field office at no cost to the Contractor?	The Department does not have a site established as a field office location for this project.
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Q #	Question	Answer
10	We have been told that there is a new spec for portable PCC barrier. Is that new spec part of this contract?	There is no new specification for 743015-Furnish and Maintain Portable PCC Safety Barrier. The specification is located in Section 743 of the Supplemental Specifications.
9	What is the diameter of bid item 2340 (614910) steel casing pipe?	Refer to plan sheet 161 BR, 1-678 Project Notes , Note 19
8	Can the bid date be postponed 2 weeks? Due to the complexity of the work and the current volume of advertised projects in the area, both the prime and subcontractors could use more time.	No.
7	The barrier details, conduits details and special provisions indicate the barrier conduit & boxes are to be paid under Item 746538 – Bridge Electrical System. Sheet 78, Note 4 indicates the conduit is incidental to 602017. Please confirm all barrier conduit, boxes, etc are to be paid under Item 746538.	The items listed under 746538 are strictly for the limits of the bridge work as defined in the special provision for 746538. Language has been added to the special provision for 746538 to make it clear that the items listed in the special provision are strictly for work on the Bridges. All work outside the bridges, per Sheet 78, Note 4 is incidental to Item 602017.
6	What designates the limits of clearing on this project, the LOC?	The LOC does designate the limits of clearing
5	Does DelDOT have contact information for item 743542?	It is the responsibility of the contractor to find a vendor for the queue detection system.
4	There is a 24” FES shown on the plans (FES 304) but I don’t see an item on the proposal.	Item 617005 Reinforced Concrete Flared End Section 24” will be added to the proposal
3	Where are the details for bid item 720650 shown on the plans?	There is no detail for this item. The spec for Item 720650 Safety Barrier Fence states the intention of this item.
2	The proposal quantities for bid items 612002 and 612003 do not appear correct. Can you please verify.	Item 612002, 15” RCP Class III – The quantity has been reviewed and is representative of what is needed for this project. Item 612003, 18” RCP Class III – The quantity has been reviewed and is revised to 612 L.F.
1	Will cross sections be made available to bidders?	Cross Sections will be posted to the website not as part of the official contract documents, but for informational purposes only.