

Delaware Department of Transportation

QUESTIONS AND ANSWERS

T200412202.01

SR 1, LITTLE HEAVEN GRADE SEPARATED INTERSECTION

Friday, July 17, 2015

Q #	Question	Answer
103	Which roads on this project will the ride specification apply to? Can the ride spec. be waived for side roads since they are short stretches of paving?	All roadways on the project shall be tested for smoothness as detailed in Project Note 24 on plan sheet 7 except those listed below: <ul style="list-style-type: none"> •Existing Barratt’s Chapel Road and the connector spurs to Proposed Barratt’s Chapel Rd. •Skeeter Neck Road •Proposed Mulberrie Point Connector Rd. and adjoining Mulberrie Point Rd.
102	Will the contractor be paid under item 743024 for all signs that are used in the various detours shown on the plan sheets?	Yes; all detour signs, including trailblazers, that are furnished and installed by the Contractor will be paid under item 743024.
101	Note 9 on Sheet 250 of 641 states " The contractor shall be responsible for ensuring no falling material or equipment interferes with traveling public. A plan showing the contractors method shall be submitted to the engineer for approval. Payment incidental to item 605001." There is no item 605001, to which items is this incidental?	Payment is incidental to item 605002.
100	Soils boring numbers are referenced on plan pages 583 & 585. However, only one of the referenced borings is included in the boring logs for the sign structures on plan pages 592 & 593. The missing borings are LH-SB-08, 11 & 07. Also, no borings are shown to have been completed for SC 2013. Do you have a boring for this sign structure? If so please furnish.	The soil borings shown on plan pages 583 & 585 have been performed and the information not shown within the plans is provided below: (depth / soil classification): LH-SB#7: 18” Topsoil, 2’-18’ A-2-4(0), 18’-22’ A-1-b, 22’-24’ A-3, 24’-28’ A-2-4(0), 28’-30’ A-3 LH-SB#8: 12” Topsoil, 2’-30’ A-2-4(0) LH-SB#11: 0’-2’ A-1-b, 2’-30’ A-2-4(0) LH-RB#6 @ 524+00: 0’-10’ A-2-4(0)
99	Would it be possible to extend the bid due date 1 more week?	No, any further delay of the bid would jeopardize getting the work started before the end of the construction season.

Q #	Question	Answer
98	Reference is made to note 1 on plan sheet 632 indicates that a water supply well is incidental to lump sum item 763638. Where are details for this well found?	The requirement for the well has been deleted. See questions 42 and 43 for additional information.
97	What is the volume of flow out of the 6" force main that the contractor will have to contend with in the pumping/tanker operation?	The flow rate based on the equivalent dwelling unit (EDU) count for the basin is approximately 90,000 gallons per day.
96	Reference is made to note 2 on plan sheet 622, what is the length of the 4"/6" force main that requires flowable fill incidental to lump sum item 753516?	Since an exact quantity may be difficult to estimate, any required flowable fill to abandon existing sewer lines left in place will be paid for at the unit bid price for Item 208001, not incidental to any of the other sanitary sewer items.
95	Will the driveway bituminous concrete, as referenced in note 20 on page 7 be paid under item 401827, or will the pay item depend on the Type of mix it placed in the adjoining lane?	The Design assumed that the mainline paving would be placed independent of the driveway paving. The driveways were therefore designed to be paved using item 401827.
94	On sheet 415 Note 1 states to pave wedge lifts to the top of the BCBC. Will this work be paid under one of the wedging items?	The work referenced in this question is to be paid using Item 401825, Type B, Wedge.
93	What pavement section will be used for the entrance to the office trailer on Little Heaven Road, at station 409+00 to 410+00?	The Contractor may choose to use this location for a field office, or may elect to use another site. In any event, the entrance paving shown on Proposed Little Heaven Road at STA 409+20 RT shall be constructed using the full depth section for Little Heaven Road detailed on Typical plan sheet 23. This work will be paid for using the applicable bid items. If the Contractor does choose this site for a field office, any additional entrance or parking area paving is incidental to the Field Office, Item 759511 (see page 227 of the Special Provisions for more detail).
92	I don't see any areas shown in the Phase Plans for the Temporary Pavement mentioned in Phase 1, Stage 14, note #4. Can we please get dimensions, so we can determine how much Temporary Pavement this is?	The paving in question will be placed as part of the work completed in Phase 1, Stage 14. Some of this paving will need to be removed in a later phase to create the final roadway configuration shown on Plan Sheet 61. The only reason it is noted as Temporary, is because it will be removed later on in the project. No special temporary section or pavement type is required for this area. It will be initially constructed as part of the full width Phase 1, Stage 14 paving.

Q #	Question	Answer
91	There's a note in the Typical Section for Philip Barratts Road that says to use this section instead of "Crossover Typical Section" to construct emergency vehicle entrance from SR1. Can we get clarification on where these vehical entrances are located?	The note is intended to apply only to the widened areas along Philip Barratt Road located at STA 799+25 LT & RT. See plan sheet 41.
90	There are multiple driveways along Bowers Beach Road that are shown as Full Depth Construction on the Plan Sheets. Shouldn't the majority, if not all of these be considered Residential Driveway Pavement?	All of the driveways on plan sheets 55, 56, and 57 along Bowers Beach Rd. should be paved using the Residential Driveway Section noted in Project Note 20 on plan sheet 7. The shading on sheets 56 and 57 is in error.
89	What pavement section will be used for the entrance to Pump Station on Mulberrie Point Connector Road?	For the entrance shown at Mulberrie Point Connector Rd. STA 1004+25 LT, use the full depth pavement section shown for Mulberrie Point Connector Rd. shown on Typical plan sheet 26. For the smaller entrance off of the cul-de-sac on Mulberrie Point Rd., use the standard Driveway section specified in Project Note 20 on plan sheet 7.
88	There's a note in the Typical Section for Buffalo Road that says to use this section for the High Point Entrance at station 1301+50; however, a note in the Plan View says different. Which one is it?	Use the section noted on Typical Section plan sheet 26. Disregard the note referring to the entrance paving on plan sheet 75.
87	The Typical Section for Old Barratts Drive shows wedge and overlay; however, the Plan View shows full depth pavement construction. Which one is it?	The portion of Old Barratts Drive that is directly over the existing pavement is to be constructed per the typical section showing wedge and overlay with full depth widening (STA 1600+00 to 1602+00 ±). The portion of Old Barratts Drive on new alignment from STA 1602+00 ± to 1603+48 shall be full depth construction using the type and depth of materials shown for the widening.
86	The Typical Section for Old Barratts Drive has wedge and calls for Item 401810. Shouldn't this be Item 401824 and/or 401825?	Item 401824, Type C, wedge, shall be used for this paving. The reference to Item 401810 should be disregarded.
85	Which Type C mix will be used for Temporary Paving since there are multiple Type C mixes?	Item 401821, Type C, Patching, is to be used for the temporary paving. See plan sheet 347 for Temporary Pavement section.

Q #	Question	Answer
84	Which Type C mix will be used for driveways since there are multiple Type C mixes?	Item 401827 is to be used for the Residential Driveway Paving. Also see plan note 20 on plan sheet 7.
Wednesday, July 15, 2015		
83	On plan sheets 66, 71, and 73 there are energy dissipaters shown that indicate R-4 and R-5 rip-rap and says details on shown on construction details plans. Where is that detail found and under what bid items are the R-4 and R-5 rip-rap paid for?	The energy dissipater shown on plan sheet 66 is detailed on plan sheet 244. Note that the R5 thickness is 22 inches. Payment to be made under Item 712006, Riprap, R5. The energy dissipaters shown on plan sheets 71 and 73 should be constructed in accordance with DeIDOT Standard Construction Detail E-20. Note that the required thickness of the R4 riprap at both of these locations is 18 inches. Payment for these two locations to be made under Item 712005, Riprap, R4. Geotextile under the riprap at all locations to be paid for under Item 713003, Geotextiles, Riprap.
82	Addendum 1 added Note 75 on Sheet 8 requiring a Shrinkage Reducing/Compensating admixture for Item No. 602013 (Deck) and 602017 (Parapets). Will this admix also be needed for Item No. 720587 - PCC Safety Barrier Permanent, Double Face, Modified?	Yes, Note 75 should have also required the Shrinkage Reducing/Compensating admixture for Item No. 720587 – PCC Safety Barrier Permanent, Double Face, Modified.
81	Project Note 13, STOCKPILE AREAS, gives the locations of three designated stockpile areas. Plan sheet 52 notes that parcel 137 is a “proposed temporary stockpile location” but this location is not one of the three indicated in project note 13. Please clarify if parcel 137 is available for temporary stockpiling.	We’re assuming the reference is Project Note 17 that lists three potential stockpile areas. Parcel 137 may also be used by the Contractor, however, coordination will need to take place with Utility Companies that may also be using this area to stockpile poles or other materials for their relocations on the project. The Contractor must not interfere with the Utility operations.
80	Regarding the Guide bar brackets....Drawing M-02 indicates 3” guide bar brackets, the NP 3153 uses 2” guide rails. Please clarify.	If the Manufacturer recommends, and the selected and approved pump is standardly equipped with, 2 inch guide rails, then the 2 inch rails will be acceptable, provided that supporting documentation from the Manufacturer is provided to DeIDOT by the Contractor.

Q #	Question	Answer
79	<p>Specification 2.4C Spare Parts</p> <p>Our basic spare parts kit that we will supply includes the pump and motor bearings, O-ring seals, and gaskets you have called out in the specification. Our pump design does not have either bushings or packing and therefore are not included in the spare parts. We've also included one (1) complete rotor shaft. Our design does not use keys, couplings, and nuts.</p>	<p>The Spare Parts list is part of a generic Master Spec list. If a selected and approved pump does not use those parts, then they do not have to be supplied as spare. Conversely if the Pump Manufacturer suggests additional parts in their Spare kit that are not listed, then the Contractor shall provide the manufacturer's recommended parts list, or the specified list, whichever is more stringent.</p>
78	<p>The spec calls out pump model NP 3153 HT 3Phase 463 Impeller, 25 Hp, 480 V. The drawing, (# M -02), shows 20 Hp. We ran the design conditions and the Model NP 3153 HT is the correct model.(Curve enclosed). The horsepower shown on curve is 20Hp. The correct impeller should be a 461 impeller not a 463 impeller. The pump speed is 1760 rpm.</p>	<p>Please base your bid on the 20 HP pump as noted on plan sheet 631 (M-02).</p>
77	N/A	N/A

Tuesday, July 14, 2015

76	<p>Is SWM facility #455 the only place where bid item 2960 is used?</p>	<p>Assuming the question is in reference to bid Item 910005 (Line No. 2960), Clay Borrow, Stormwater Management Pond, Pond Liner, the only place this item is used on the project is Stormwater Facility #455.</p>
75	<p>Reference is made to note 6 on plan sheet 6 which indicates that building and foundations are incidental to this item. Where are building removal and foundation removal shown on the plans?</p>	<p>DelDOT's Real Estate Section has had the major structures and houses removed from the site. Any remaining sheds, out buildings, etc. that are within the limits of construction are to be removed by the Contractor with costs included in item 211000, Removal of Structures and Obstructions.</p>
74	<p>What is the latest date that DelDOT will accept and respond to questions about the project?</p>	<p>See Prospective Bidders Note 2 on page i of the proposal.</p>

Q #	Question	Answer
Monday, July 13, 2015		
73	Per the answer to question #12 the concrete work for the Abutment Footings and walls is paid under 602015 PCC Masonry, Above Footing, Class A. There are other clarification notes in the plans, Sheet 8, that outline where the bridge elements are to be paid. None of these clarification mention the item 602004 PCC MASONRY, ABUTMENT FOOTING, CLASS B. What is the intended use of this items?	Item 602004 (PCC Masonry, Abutment Footing, Class B) is to be used to construct the headwall and wingwall footings shown on plan sheets 226 and 228. Refer to note 3 on these sheets.
72	Ref plan sheet 207 under general note 5, where is the trash rack that is required shown on the plans?	Trash Racks are required only at the structures shown on plan sheet 213 (Stormwater Facility 458) and Plan sheet 223 (Stormwater Facility 457). The weir structures at the other Stormwater Facilities do not require a trash rack.
71	All references to payment for outlet structures on plan sheets 205 to 224 do not reference the correct pay item.	Please refer to Special Provision page v (in the front of the Bid Proposal book) that cross references these pay item numbers.
70	Spec page 141 indicates that 6" u-drain outlet pipes require video inspection. Is that required for outlet pipes?	Yes, the entire underdrain system, including outlet pipes is to be video inspected by the Contractor. Of particular concern in the outlet pipe area is the possibility of damage due to guardrail post installation.
69	Will material excavated under bid item 204000 be required to be hauled off site for disposal?	Material excavated under item 204000 is expected to be high both in organic content and moisture content and should therefore be wasted to an approved off-site disposal location selected by the Contractor.
68	Will the bore and receiver pits for bid items 614747 and 614818 require select borrow Ty C backfill material?	If the bore and/or receiving pits are located under a paved surface, then they shall be backfilled with material meeting Borrow, Type C requirements. If they are outside any paved surface, then backfill material meeting Borrow, Type F requirements will be acceptable. Note that existing excavated material meeting these requirements may also be used.
67	A-Del Construction Company in accordance with Prospective Bidders Note 13, is requesting to be added to the list of approved contractors for bid item 763687. Specifically for part a, site, structural and mechanical work.	DeIDOT forwarded the request, which met the requirements of Prospective Bidders Note 13, to Kent County. Kent County reviewed the request and confirmed A-Del Construction Company is now an approved contractor for that particular work. Contact Info: A-Del Construction Co., Inc., 10 Adel Drive, Newark, DE 19702 Phone: 302-453-8286

Q #	Question	Answer
66	Sheet number 708518 Page 236 Shows a Plastic 30" Diameter Basin with a Ductile Transition Plate. On the Top Right Hand side of the Documents it shows a Concrete Inlet. No Dimensions - which is to be used Plastic or Concrete-If the Plastic Basin is to be Set inside a concrete Vault can more details be provided?	<p>Two (2) separate project design details are intended to be addressed as part of plan sheet 236. The upper left detail, lower left detail, and lower right notes all refer to plastic inlets to be used with HDPE Pipe. A standard DelDOT Type 2 inlet frame and grate including the concrete slab is to be furnished and installed with each plastic inlet. Note that several plastic inlets will have a concrete pipe entering or exiting the inlet. In these cases, a transition from concrete pipe to the plastic inlet will be required. Also note that some plastic inlets need to accommodate pipes entering or exiting on an angle. Shop drawings should address these situations and show the proposed transition and angle details. Payment for Item 708518 includes excavation, backfilling, backfill material; furnishing and installing the plastic inlet, Type 2 Frame and Grate, concrete slab, transitions where required; shop drawings; and any other items listed in the notes included on plan sheet 236.</p> <p>The detail in the upper right portion of plan sheet 236 depicts the proposed connection of an HDPE pipe to a standard DelDOT concrete inlet. Shop Drawings are required to show the Contractor's proposed method of making these connections where required. Costs for the shop drawings and water tight connection of HDPE to concrete inlets are incidental to the HDPE pipe being connected.</p>
65	Drawing notes on sanitary sewer gravity plans indicate what pipe is to be used between some mh's and some it does not. Are we to assume that all pipe will be SDR-35 except where noted to be SDR-26?	Refer to plan notes 13 thru 17 on plan sheet 618 for PVC pipe material requirements.
64	Ref is made to detail SS-19 on plan sheet 628, will end seals be required on this installation?	Yes; Concrete end seals are specified under "Materials" in the Special Provisions for Casing Pipes (page 115).
63	Ref is made to bid item 614818 where the casing pipe is installed by open cut will the excavation and backfill of the pipe trench be paid under item 208000 and Ty C backfill under item 210000?	Refer to the Special Provisions for casing pipes (pages 115 thru 118). Costs for excavation, backfilling, and backfill material are to be included in the linear foot price bid for all casing pipes installed by open cut.

Q #	Question	Answer
62	Ref trench detail on plan sheet 628 why would you use GABC instead of #57 for stone bedding especially if the ground is wet?	GABC shall be used for pipe bedding in a dry trench. If the trench bottom is wet, then #57 stone may be substituted to stabilize the bottom. Payment for the standard depth (4" below pipe bottom) of stone bedding is incidental to the pipe being placed.
61	Please clarify note 29 plan sheet 618 para 4; how does the contractor determine if the sub-grade is unsuitable prior to digging?	The intent is to initially excavate to the bottom of standard pipe bedding. The condition of the trench will then be evaluated. If additional excavation is required, direction will be given by the Engineer's field inspector. If stone bedding is required in addition to that shown on the standard trench detail (plan sheet 628), then payment will be made for the additional stone under item 302012, #57 Stone.
60	On the gravity sewer system shown on plan sheets 621 thru 624 how are the stubs coming out of the MH's and off the main paid for?	Refer to the Special Provisions for Item 753516 (pages 223 thru 226) for payment clarification at these tie-in points.
59	Please see attached request/submittal to be listed as a pre-approved Contractor for Site/Structural/Mechanical work in connection with Pump Station Construction (763687).	DelDOT forwarded the request, which met the requirements of Prospective Bidders Note 13, to Kent County. Kent County reviewed the request and confirmed Allan Myers MD, Inc is now an approved contractor for that particular work. Contact Info: Allan Myers MD, Inc, PO Box 278, Fallston, MD 21047. Phone: 410-776-2019

Friday, July 10, 2015

58	Addendum 1 added a riprap detail to plan page 241. The geotextile shown in this detail is labeled as item 713001. Should this be item 713003?	Yes, Item 713003 should be used under all riprap.
57	Borings provided are not plotted on the plan and there is no data providing soil types. Is this information available?	Borings, including soil types are listed in the profiles (plan sheets 82-145).
56	How is the removal of the existing concrete under Hot Mix paid?	Item 758000 is used for removal of existing concrete. Refer to Project Note 42 for additional information.
55	The horizontal limits of existing concrete under HMA is unclear. How many SY of concrete paving is to be removed?	The estimated quantity for removal of mainline SR 1 pavement is just under 17,000 SY. The total advertised quantity for Item 758000 is 29,574 SY. The difference includes concrete removal for existing sidewalk, existing curb, etc.

Q #	Question	Answer
54	Are there any cores done or available on the existing roadway for calculating the depth of asphalt and concrete to be removed?	Cores were taken and used to assist in computing the estimated contract quantities. The majority of the concrete removal is on mainline SR 1. The hotmix overlay on SR 1 averaged 10 inches, but does vary up to 15 inches in some areas. Existing concrete pavement on SR 1 averages 9 inches in thickness, but also will vary in some areas both thicker and thinner.
53	The special provisions for Item 720587 – PCC Safety Barrier indicate Class B concrete shall be used when slipforming barrier. Notes 1 & 11 on sheet 231 indicate 4500 psi concrete must be used even when slipforming. Please confirm Class B concrete will be acceptable when slipforming any barrier.	Class B / SF is the intended mix to be used for any slip formed elements. Refer to Table 812.03-1a for the material listed as B/SF in the “Class of Concrete” column.
52	Note 10 on sheet 250 prohibits slipforming of barrier on the bridge. Will slipforming of the remaining barrier under item 602017 be permitted for the moment slab and MSE wall barriers?	Yes, slip forming will be allowed on the moment slab and MSE wall barrier, but not on the bridge deck and approach slabs.
51	Will the HDPE pipe on this project be required to be inspected per the current revision of DGM 1-20 and include video laser profile inspection?	All of the HDPE pipe on the project is located in median areas, or along secondary roads outside the paved area, or under driveways. These pipes are all classified as Service Level II installations according to DGN 1-20. This being the case, all of the HDPE pipes will be video inspected by DelDOT’s consultant, but will not be laser profiled.
50	What is the intended use for bid item 712021?	Please see plan sheet 443 for location of Item 712021. All other R-5 riprap shall be paid under Item 712006 regardless of depth.
49	What is the depth of riprap for bid items 712005 and 712006?	Please see detail on plan sheet 241 in Addendum No. 1 for Riprap depths.
48	What is the extent Class A Bedding for the outfall pipes (P/152 and P/226) in SWM facilities 457 & 458?	The Class A bedding shall be utilized for the entire length of the outlet pipes. For width and depth of Class A Bedding, see DelDOT’s Standard Detail for Pipe Bedding.

Q #	Question	Answer
47	What is the intended use for bid item 713001 and where is it shown in the plans?	Item 713001 (Geotextiles, Stabilization) is to be used in undercut areas if directed by the engineer and also under the #57 stone inside the fenced area of the Sanitary Sewer Pump Station (also see question 44 response).
46	What is the intended use for bid item 302012 and where is it shown in the plans?	Item 302012 (#57 Stone) is to be used under R-5 and R-6 Riprap and for pipe bedding if unstable or wet areas are encountered and also inside the fenced area of the Sanitary Sewer Pump Station (also see question 44 response).

Wednesday, July 08, 2015

45	Where are the Stream Diversion plans?	Please see phasing plan sheet number 326 for narrative description and location of the Stream Diversion.
44	What is the surfacing material inside the fenced area of the pump station?	The contractor shall use 8 inches of #57 stone (Item 302012) over Geotextiles, Stabilization (Item 713001) for the surfacing located inside the fenced area of the pump station. Payment for the materials will be made under these bid items. Any excavation or grading required prior to placement of the stone and geotextile is incidental to Item 763687 (Pump House).
43	The water supply piping from the water supply well to the yard hydrant is incidental to bid item 763687. However, the pump station site plan does not show the well location for us to determine the length of the supply piping. Where is the well to be installed?	Artesian Water is supplying the water, meter and service connection to the main for the proposed pump station water connection. The contractor shall assume approximately 50' of 1" Schedule 80 PVC for the length of supply piping for this item. Costs shall be included in Item Number 763687 - Pump House.
42	Plan sheet 632, note 1 indicates that the water supply well will be paid for under Item 763638. However, this item is not on the bid form.	The requirement to provide a separate well has been eliminated from the contract. The reference to bid item 763638 in note 1 on plan sheet 632 should be disregarded. Please see the response to question 43 for additional information.
41	Is bid item at the top of breakout sheet 2 incorrect? Should it be 605564 as shown on breakout sheet or 605664 as shown on pricing proposal?	The correct item number is 605664 - STEEL SIGN STRUCTURES.

Q #	Question	Answer
40	On Breakout Sheet 3 should be item 2 and bid item 6 be 2 each instead of 1 each? Where is detail found for mounting PSG on the pipes at the headwall (Item 6 on breakout sheet)?	For bidding purposes bid what is on the breakout sheet. Details for the PSG's on the two 42" pipes are shown on plan sheet 227.
39	Can the Bid Due date be extended for this project?	See response to Question 23.
38	Can the Phases and or parts of the Phases be done concurrently?	Please see project note 56 on plan sheet 8.
37	There are many existing storm drain pipes and structures within the limits of work with no indication of abandon in place or removal.	All existing and temporary storm drain pipes and structures within the LOC, unless otherwise noted, shall be removed. Please refer to note 6 on plan sheet 6 and pay close attention to the project phasing for temporary pipe placement and removal.
36	There is no Special Provision included for RCP drainage pipe items.	Please refer to DelDOT's Standard Specifications and Supplemental Specifications to the August 2001 Standard Specifications.
35	Please refer to the MSE wall plans. How is the F-Shape barrier measured and paid?	The F-Shape barrier is paid under Item 602017 – PCC Masonry, Parapet, Class A.
34	Suppliers, Subcontractors, and Vendors are requesting the bid be extended. Can the project be extended?	See response to Question 23.
33	May a producer monolithically cast the cutoff wall onto the flared end section at the time of production at the plant?	No. The cutoff wall shall be cast-in-place against virgin ground.
32	How long after the project is awarded will the site-specific work plan for the handling and disposal of contaminated material be provided? Who is going to designate on-site staging areas for the contaminated materials, Contractor or Department?	The site-specific work plan will be available 14 days prior to the start of construction for the project and the Department's Hazmat Consultant/Contractor will work with the successful Contractor to designate on-site staging areas if required for any contaminated soils encountered.
31	How many weekly ES2M Inspection Rating Reports will be reviewed per each estimating period for the item 900500?	There will be one (1) inspection rating report per week for the month. Follow-up inspections do not count. The number of inspections will depend on the number of weeks in the month, the cutoff date for the estimate, and which day the inspection is performed on.

Q #	Question	Answer
30	Will each work order contain a minimum amount of paving?	DelDOT does not use the term, "Work Order" in reference to paving. The Contractor is responsible to review the proposed paving scheduled for any particular day and order the appropriate amount of material for that day's paving operation. No minimum amount is dictated by DelDOT and any wasted material is the responsibility of the Contractor, with no payment made by the Department for the waste.
29	What is the maximum depth of the item 760507?	The milling depth will vary based on the location in question. Item 760507 is paid by SY-IN to account for the varying depths anticipated throughout the project. The Contractor shall choose the number of passes required to obtain the milling depths established in the field in accordance with the plan elevations.
28	Can you please provide points with coordinates for the edge of the bottom and C/L of the bench for the following BMPs: #455, #456 and #457.	This information can be provided to the successful bidder, if requested, following award of the Contract.
27	There are many discrepancies between elevations provided on typical sections and cross-sections. Please advise.	Typical sections are intended to be a typical representation of the work required. Please see the grading and geometric sheets, roadway plans, profiles, construction phasing plans, cross sections or a combination of those sheets to determine the necessary details at an individual location. Several typical sections contain varying depth wedge lifts and initial pavement placement due to construction phasing at various transition locations to maintain existing traffic during the various stages of construction as identified in the contract documents.
26	Some of the survey control points are shown only on "Horizontal and Vertical Control" sheets (#29 thru #36), and not listed on the Sheet #28 that represents traverse points. Example; point #2605 (sheet #29) and DelDOT #22 (Sheet #34). Are these points approved for the layout and grading? Do they have same level of accuracy as traverse points shown on the Sheet #28?	All control and traverse points shown on plan sheets 28 to 36 have the same level of accuracy and are approved for layout and grading.

Q #	Question	Answer
25	Who will be responsible for the replacement of survey control points that are outside of acceptable tolerance horizontally or vertically?	Any discrepancies found by the Contractor regarding the control points shown on the plans shall immediately be brought to the attention of the DelDOT Project Resident. Discussion between DelDOT's designated survey section and the Contractor's survey will then take place in order to mutually resolve the issue. Construction layout may then proceed based on the mutual agreement. After construction begins, any points dislodged or otherwise disturbed by Contractor activity shall be reset by the Contractor. All costs related to this issue are incidental to Item 763501, Construction Engineering.
24	Elevations for some of the traverse points shown on the Sheet #28 are provided with 3 decimal places and some with 2 decimal places. Can you please provide all elevations with 3 decimal places, so the layout and grading can have consistent level of accuracy?	For the traverse points shown with elevations labeled with two (2) decimal places the third decimal place is a zero.
23	Will consideration be given to extending the bid date for this project?	The bid date will be extended until July 21, 2015
22	Is FES 66 shown on plan sheet 55 supposed to be and 18" FES and not a 14" x 23" as shown or is the pipe run supposed to be 14" x 23" and not 18" as shown?	FES 66 as shown on plan sheet 55 should be an 18" Flared End Section. This will be updated as part of Addendum No. 1.
21	Why does the HDPE pipe shown on the pipe schedule on some of the construction drawings have a class listed?	Please disregard the class notification for the HDPE pipe as identified on some of the pipe schedules. All HDPE pipe shall be manufactured per the Special Provisions as included in the project documents. This will be updated as part of Addendum No. 1.
20	Is note 70 on plan sheet 8 correct as written?	This note has been deleted as part of Addendum No. 1. Please see note 24 on plan sheet 7.
19	Reference is made to note 69 on plan sheet 8, where is bid item 908007 found?	This item is found on Plan Sheet 441, 442 and 443. This Item number corresponds to the previous Item No. 733004. Please see Item Number reference sheet included in the Project Specification Package.

Q #	Question	Answer
18	My question concerns the wage rates. The job has both State and Federal wage decisions included. We understand that we must pay the higher rate of each classification. The Federal decision has no fringe benefits listed as is with the State decision. Our question is that when the Federal rate is used in paying an employee, can we deduct from the Federal rate the fringes paid to the employee by the employer as we do when using the Delaware rate?	The Davis-Bacon "prevailing wage" is the combination of the basic hourly rate and any fringe benefits listed in a Davis-Bacon wage determination. The contractor's obligation to pay at least the prevailing wage listed in the contract wage determination can be met by paying each laborer and mechanic the applicable prevailing wage entirely as cash wages or by a combination of cash wages and employer-provided bona fide fringe benefits. Prevailing wages, including fringe benefits, must be paid on all hours worked on the site of the work.
17	There is no Rip Rap schedule provided. What are the depths of the Rip Rap Dissapators?	Please see the construction plan sheets for appropriate schedules. Addendum No. 1 includes a Riprap Detail on Plan Sheet Number 241.
16	There are no drainage profiles included in the plan set.	See response to Question 15.
15	Drainage Inlet Schedules do not include all T.G. Elevations for Drainage Inlets (sheets 37 – 81).	Most of the edge of shoulder elevations can be found on the Grades & Geometrics sheets and the T.G elev. can be derived from the edge of shoulder elevations. Edge of shoulder elevations for proposed SR 1 will be added to sheets 176, 177, 181 & 182 and will be included in Addendum #1.
14	The proposed pavement box on the cross sections does not match the typical sections at numerous locations. The cross sections show a proposed pavement box of over 5 feet in some locations. See cross section sheets 17 through 20 stations 110+50 through 115+50. Please clarify.	The Typical Sections identify a pavement reconstruction and varying depth wedge lift for this location that corresponds to the varying depths as shown on the Cross Sections. Per the construction documents the overall intent is to place multiple wedge lifts on the existing and proposed pavement to achieve the proper elevations on these transition locations. In order to maintain two lanes of traffic on SR1 southbound the requirement is to widen and reconstruct the existing SR1 southbound shoulder per the Typical Sections at existing elevations first to provide the width necessary to maintain traffic in later phases. This is followed by varying depth wedge lifts as shown. Please refer to the construction phasing plan sheet numbers 353, 391 and 415 for more detail on the construction phasing and maintenance of traffic at these locations.

Q #	Question	Answer
13	White concrete is required for Item 720587 – PCC Safety Barrier Perm per Note 11 on Sheet 231. Sheet 250, Note #4 also references requirements for white concrete in barrier concrete but does not define what “barrier concrete” consists of. Specifically, is white concrete to be used in parapets (602017), moment slab barriers (602002), and MSE wall #3 & #4 barrier (ref Sect H-H on sheet 254)?	White concrete is to be used in all concrete paid under item 602017.
12	What item are the pile supported abutments to be paid under (ref sheets 255-258)?	The abutment/pile cap is paid under item 602015.
11	What item is the MSE Wall Barrier at MSE walls 3 & 4 to be paid under (reference section H-H on sheet 254)?	All barrier is paid under item 602017.
10	Based on the quantities, it appears the moment slab barrier may be intended to be paid under Item 602017 instead of 602002. Please advise.	Correct. All barrier referenced on the bridge sheets is paid under item 602017 (including moment slab barrier). The moment slab is paid under item 602002.

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9	There are many quantity discrepancies within the drainage bid items. Please advise.	There are temporary drainage structures and pipes contained within the construction phasing sheets that are being paid for under the regular drainage bid items.
8	Cannot find 12” RCP IV (bid item 490). Please advise where this pipe is located.	The 12” RCP IV is located in the Pipe Schedule (Pipe #402) on plan sheet 57. The note under the Pipe Schedule advises that Pipe #402 can be found on plan sheet 374.
7	Please see attached request/submittal to be listed as a pre-approved Contractor for Site/Structural/Mechanical work in connection with Pump Station Construction (763687).	DeIDOT forwarded the request, which met the requirements of Prospective Bidders Note 13, to Kent County. Kent County reviewed the request and confirmed Mumford & Miller Concrete is now an approved contractor for that particular work. Contact Info: Mumford & Miller Concrete, Inc., 1005 Industrial Drive, Middletown, DE. Phone: 302-378-7736; FAX: 302-378-0753.

Q #	Question	Answer
6	<p>Plan Sheet NO: 279: Note 7 of the referenced plan sheet states that all temporary barrier with less than 4' between the back of the barrier and the work zone needs to be pinned and the pinned barrier will be "incidental" to the barrier item.</p> <p>The purpose of the temporary barrier to safety separate the work zone from the existing traffic and as such isn't the "work zone" the entire area behind the wall? If the State desires barrier to be pinned (typically this may be the case when the barrier is set at the top of a slope to protect the traffic from the drop=off) can the State provide an item and quantity for pinned barrier?</p>	<p>Pinned barrier is required only when the distance to a drop-off exceeding the allowable "vertical difference" (as defined in Table 6G-1 of the Delaware MUTCD), or the distance to another hazard, or the distance to a worker, is less than 4 feet from the back face of barrier.</p> <p>The Contractor can assist in minimizing the need to pin the barrier based on strategic locating of manpower, equipment, and initial placement of the barrier. Since the Contractor can control these elements, the costs to pin the barrier are to be incidental to Items 743015 and 743016.</p>
5	<p>Plan Sheet NO: 279: Note 3 of the referenced plan sheet states that the contractor is responsible for the maintenance of the existing pavement at the contractor's expense within the project limits for the duration of the contract.</p> <p>Does this include patching of the existing pavement? Snow removal? What if sections of the existing roadway need to be resurfaced due to normal wear?</p>	<p>The intent of the note is for maintenance repairs specifically due to Contractor operations. General maintenance not caused by Contractor operations to repair any potholes will be made under Item 402 (Hot-mix or cold patch TRM). Should more significant roadway repairs be required due to normal vehicular traffic that are not the fault of the Contractor, payment will be made under the applicable GABC and/or paving bid items. Contractor traffic on State maintained roads must conform to legal load limits. Damage caused by overweight or off-road vehicles shall be repaired at Contractor expense. Per Standard Specification 105.13, all snow removal on this project will be performed by DelDOT.</p>
4	<p>Are CAD Files available for informational purposes only during the bidding process?</p>	<p>No electronic files are available during the bidding process.</p>
3	<p>Are borings available for this project location?</p>	<p>The soil boring information is plotted on the profile sheets.</p>
2	<p>Can official cross sections be provided for our use in bidding? The one's provided to us on the disk are marked "unofficial website copy," and they're locked.</p>	<p>The cross sections have been reposted and unlocked. Reminder, these are for informational purposes only.</p>

Q #	Question	Answer
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Monday, June 22, 2015

1	<p>George & Lynch Inc., in accordance with Prospective Bidders Note 13, is requesting to be added to the list of approved contractors for bid item 763687. Specifically for part a, site, structural and mechanical work.</p>	<p>DeIDOT forwarded the request, which met the requirements of Prospective Bidders Note 13, to Kent County. Kent County reviewed the request and confirmed George & Lynch is now an approved contractor for that particular work. Contact Info: George & Lynch, Inc., 150 Lafferty Lane, Dover, DE. Phone: 302-736-3031, FAX: 302-734-9743.</p>
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