DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION
EXECUTIVE OFFICES
2492 RIVER ROAD
NEW HOPE, PENNSYLVANIA 18938-9519

CONTRACT NO. T-668A, CAPITAL PROJECT 0301A
THE SCUDDER FALLS BRIDGE REPLACEMENT PROJECT

ADDENDUM NO. 7

This **Addendum No. 7** gives additional information in connection with **Contract No. T-668A, Capital Project 0301A** and is hereby made a part of the Contract. This Addendum is to be signed by the Contractor and this **Page AD7-1** is to be attached to the bid proposal.

This Addendum including pages **AD7-1** through **AD7-46** is hereby accepted and agreed that it shall become part of the **Contract No. T-668A, Capital Project 0301A** Documents.

_____ _____
(DATE) (CONTRACTOR'S NAME)

(SEAL) BY: _____

ATTEST: _____

RESPONSES TO CONTRACTOR INQUIRIES SUBMITTED TO THE COMMISSION
FROM NOVEMBER 2, 2016 THROUGH NOVEMBER 15, 2016
INQUIRIES BY POTENTIAL BIDDERS

NOTE: Responses marked with "*" indicate revisions to the Contract Documents reflected in this Addendum.

A. Responses to Inquiries received by the Commission from Wednesday, November 2, 2016 through Tuesday, November 8, 2016

Inquiry 171: Should Item 9901-2002 be "CLASS 2 TOW TRUCK – ON CALL"?

***Response 171:** No. Item 9901-2002's description will be revised to "TOW TRUCK – ON CALL". Note that this item will include the Class 1 Tow Truck coverage for the balance of hours not covered by Item 9901-2001, as well as, the Class 2 Tow Truck, and the Ramp Truck for all on-calls. The special provisions will be revised accordingly.

Inquiry 172: The contract requires the TTO to provide a Class 2 tow truck or ramp truck for disabled vehicles greater than 20,000 lbs. Can the contract define or provide a description and measurement and payment for a Class 2 Tow Truck and Ramp Truck?

***Response 172:** Refer to the Response to Inquiry No. 171.

Inquiry 173: Have prevailing wages been determined yet for this project?

Response 173: A Project Labor Agreement (PLA) for this Project has been issued under Addendum No. 5. In addition to the PLA, any Project labor excluded from the terms of the Project Labor Agreement remains subject to the prevailing wage provisions. The Prevailing Wage rates will be made available via future addendum.

Inquiry 174: Refer to S-36219 Sheet 10 of 36. Please confirm the Abutment 2 stem wall is to receive the Georgetown Ashlar form liner. The first note under "Architectural Finish (Abutment 2 and Wingwalls A & B) mentions form liner. However, none is depicted on the abutment Typical Section as it is for the wingwalls on Sheet 11 of 36.

***Response 174:** The notes "ARCHITECTURAL FINISH (ABUTMENT 2 AND WINGWALLS A & B)" on Sheet 10 of 36 in Package A – Part 5 are applicable for Abutment 2 as well. Therefore, the entire height of the abutment 2 stem wall from the top of the footing to the top of bridge seat shall receive the Georgetown Ashlar Stone finish with 1.5" maximum depth.

On Sheet 10 of 36 in Package A – Part 5, in Abutment 2 TYPICAL SECTION, 1½" RELIEF FOR FORMLINER FINISH will be provided on top of the FF ABUT (front face of the abutment) similar to what is shown for the wingwalls in TYPICAL SECTION on Sheet 11 of 36. The location of the Front Face of the Abutment 2 will not be changed. The architectural finish projects 1½" maximum in front of the abutment stem wall.

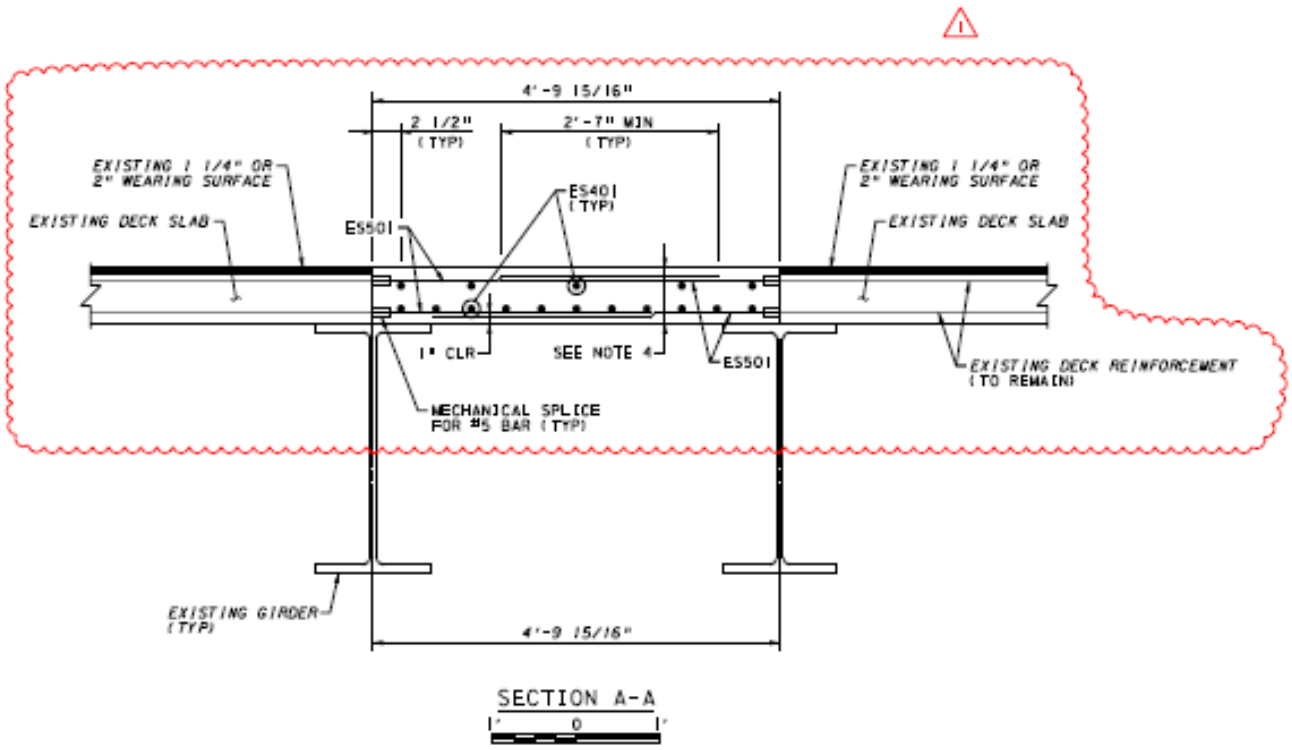
Inquiry 175: With regard to the architectural finish on S-36219 Abutment 2 and wingwalls the notes say to use pigmented concrete and apply a stain. It seems unusual that two coloring agents would be used. Please confirm this is the intent.

Response 175: Yes, the penetrating concrete stain shall be applied over the pigmented concrete.

Inquiry 176: Refer to S-36221 Sheets 8 & 51 and S-36222 Sheets 7 & 48. The typical existing sections show an overlay for the riding surface on the bridge decks. The details for the temporary median decks show matching the existing deck thickness. However, the temporary decks actually need to be thicker to match the grade of the adjacent overlay. Please advise how this grade differential is to be handled.

***Response 176:** S-36221: On Sheet 51 of 62 in Package A – Part 5, SECTION A-A will be revised to show the existing wearing surface. The proposed top of temporary deck will be shown at an elevation equal to the top of wearing surface. The 9 ½" MAX temporary deck thickness presently shown in SECTION A-A accounts for the thickness of the wearing surface. Refer to Notes 2 and 4 on Sheet 51 of 62. Note that the revisions to the temporary deck slab reinforcement will be made to allow for adequate reinforcement bar development.

On Sheet 51 of 62 in Package A – Part 5, the SECTION A-A is revised as follows.



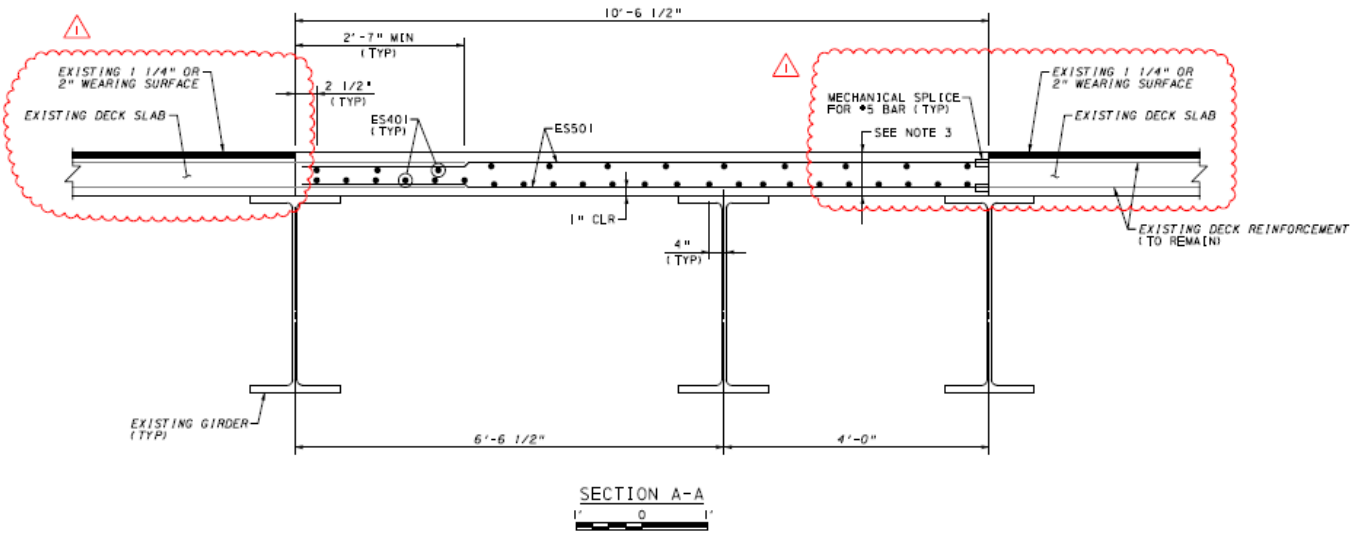
On Sheet 51 of 62 in Package A – Part 5, the Notes will be revised as follows.

NOTES

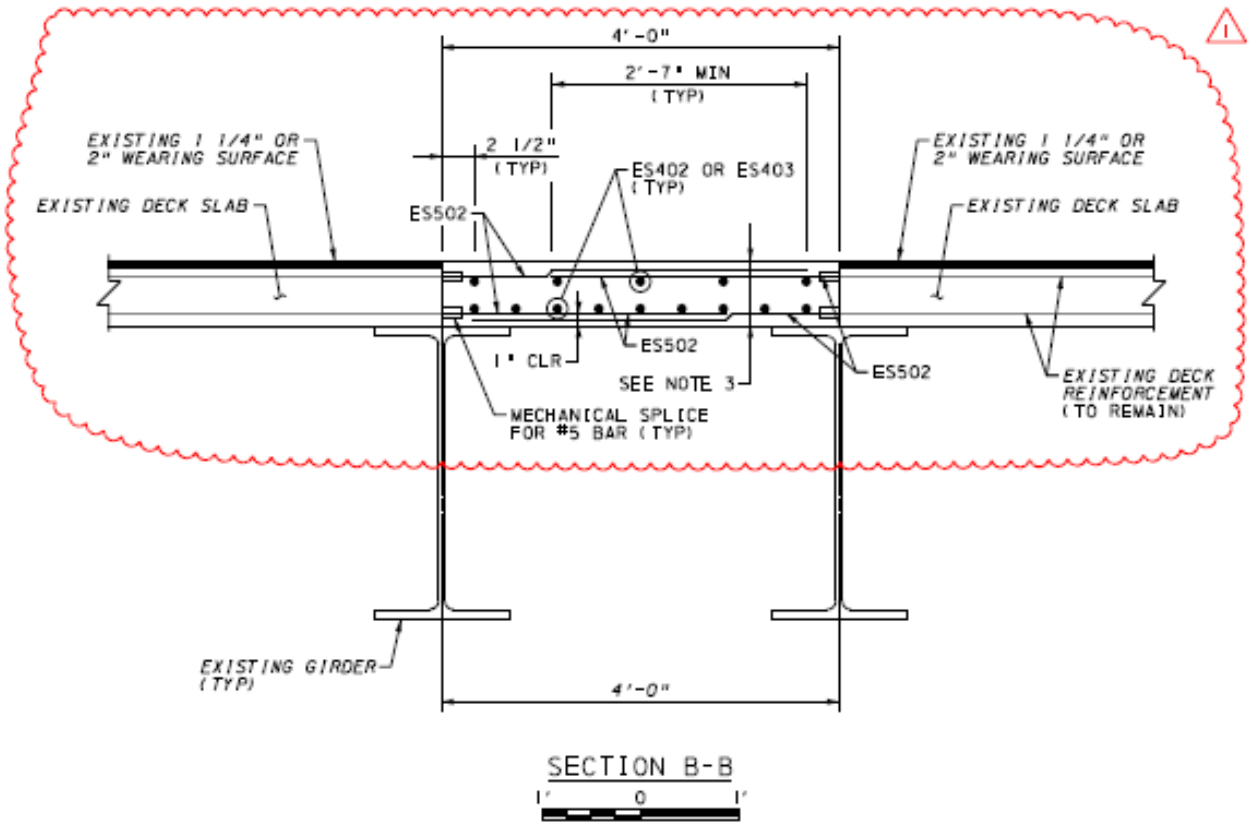
1. FOR GENERAL NOTES AND LIST OF ABBREVIATIONS, SEE SHEET NO'S 2 & 3.
2. SURVEY EXISTING ROADWAY SURFACE AT ONE-TENTH POINTS ALONG GIRDERS WHERE SLAB IS TO BE REPLACED AND MATCH TEMPORARY SLAB TO THESE ELEVATIONS.
3. DIMENSIONS GIVEN ARE APPROXIMATE AND SHOULD BE VERIFIED IN FIELD. REINFORCEMENT BARS DETAILING LENGTHS TO BE MODIFIED AS REQUIRED.
4. PROVIDE TEMPORARY SLAB THICKNESS EQUAL TO EXISTING DECK SLAB THICKNESS, PLUS THE THICKNESS OF EXISTING WEARING SURFACE.
5. "E" PREFIX IN BAR MARKS INDICATE EPOXY-COATED BARS.
6. COST OF TEMPORARY DECK SLAB IS INCIDENTAL TO COST OF REMOVAL OF EXISTING BRIDGE, S-3542/S13057 (S-36221).
7. FOR LOCATION AND DETAILS OF TEMPORARY DIAPHRAGM, SEE SHEET NO'S 7 & 8.

S-36222: On Sheet 48 of 62 in Package A – Part 5, SECTION A-A AND B-B will be revised to show the existing wearing surface. The proposed top of temporary deck will be shown at an elevation equal to the top of wearing surface.

On Sheet 48 of 62 in Package A – Part 5, the SECTION A-A and B-B is revised as follows.



SECTION A-A



On Sheet 48 of 62 in Package A – Part 5, the Notes will be revised as follows.

NOTES

1. FOR GENERAL NOTES AND LIST OF ABBREVIATIONS, SEE SHEET NO'S 2 & 3.
2. SURVEY EXISTING ROADWAY SURFACE AT ONE-TENTH POINTS ALONG GIRDERS WHERE SLAB IS TO BE REPLACED AND MATCH TEMPORARY SLAB TO THESE ELEVATIONS.
3. PROVIDE TEMPORARY SLAB THICKNESS EQUAL TO EXISTING DECK SLAB THICKNESS, PLUS THE THICKNESS OF EXISTING WEARING SURFACES.
4. FOR LOCATION OF SECTIONS A-A AND B-B, SEE SHEET NO 47.
5. "E" PREFIX IN BAR MARKS INDICATE EPOXY-COATED BARS.
6. MATERIALS AND WORK PERFORMED TO CONSTRUCT DETAILS ON THIS SHEET ARE TO BE PAID AS PART OF "9018-0052 REMOVAL OF EXISTING BRIDGE, S-3541/S13056".

Inquiry 177: The proposal table spreadsheet that is posted to the Commission's website includes Unit Price and Item Price values for Seq Nos. 357-360 and 382-385. Please confirm that we should change these values to "N/A" for the alternate that we are not bidding.

Response 177: Refer to Inquiry No. 69 - Insert 'N/A' (not applicable) for the alternate pay items that are not being bid.

Inquiry 178: The post-tensioning special provision indicates the tendons shall be in accordance with PTI/ASBI M50.3-12, however without a Protection Level (PL) defined the requirement is meaningless. Please indicate which PL should provided. Furthermore, it's noted that according to the bid documents metal duct should be used and plastic is not permitted. Please understand that according to M50, PL2 and above use plastic duct.

Response 178: Protection Level is specified as 1B on page SP A-245 in Special Provisions Package A, Section POST-TENSIONING SYSTEMS, CONSTRUCTION – (d) Corrosion Protection – Bullet No. 2. Corrugated galvanized metal duct shall be used as indicated in MATERIAL PROPERTIES Note No. 7 on Sheet 10 of 336 in Package A – Part 4 and on page SP A-243 in Special Provisions Package A, Section POST-TENSIONING SYSTEMS, MATERIAL – (b).

Inquiry 179: Section 103.04 of the General Provisions, as modified by Addendum No. 3, requires the contractor who is awarded the contract to furnish a Performance Bond in an amount equal to 100% of the contract price and a Payment Bond in the amount of 100% of the contract price. Section 103.04 also provides that each participant in a joint venture is to submit a separate Performance Bond and a separate Payment Bond. The result of this requirement is that for a joint venture composed of three partners, for example, the Commission would receive three Performance Bonds in an amount totaling 300% of the contract price and three Payment Bonds in an amount totaling 300% of the contract price, which is excessive and unnecessary. It would also cause joint ventures to incur higher bond costs, putting them at a competitive disadvantage relative to bidders who are not joint ventures. In addition, one of the reasons joint ventures are typically formed for projects of this size is because the members of the joint venture may not individually have the bonding capacity to pursue the project, but they do have the bonding capacity to collectively pursue the project. Will the Commission modify this bonding provision such that joint ventures are permitted to submit one **Performance Bond** and one **Payment Bond**, each in an amount equal to 100% of the contract price, rather than requiring each joint venture participant to submit separate bonds?

Response 179: This bonding provision will remain unchanged. Your attention is directed to Contract General Provision SECTION 103, sub-section 103.04 SURETY BONDS for compliance with this requirement. To clarify, each participant in a Joint Venture shall submit a separate Performance Bond and a separate Payment Bond equal to the amount of the contract for which they are responsible. The sum of these separate Performance Bonds must equal the contract bid amount. The sum of the separate Payment Bonds must also equal the contract bid amount.

Inquiry 180: Section 110.08(f) of the General Provisions requires the Contractor to furnish a Surety Bond as a Maintenance Bond in a sum equal to 5% of the total contract price. This section also provides that each participant in a joint venture shall submit a separate **Maintenance** Bond. For the same reasons as set forth above with respect to the Payment and Performance Bonds, will the Commission modify this bonding provision such that joint

ventures are permitted to submit one Maintenance Bond in an amount equal to 5% of the contract price, rather than requiring each joint venture participant to submit separate bonds?

Response 180: This bonding provision will remain unchanged. Your attention is directed to Contract General Provision SECTION 110, sub-section 110.08(f) Maintenance Bond for compliance with this requirement. To clarify, the sum of the Maintenance Bonds from the Joint Venture participants must equal 5% of the contract amount, with each participant submitting a separate Maintenance Bond equal to their portion of the contract for which they are responsible.

Inquiry 181: In Addendum No. 3, the Commission noted in its Response 21 that individual prime contractors who are parties to a joint venture do not need to be pre-qualified individually in all of the respective work classifications required by the Notice to Contractors. Rather, the Commission noted that the individual pre-qualifications of each prime contractor can be combined in order to meet the contract requirements. The Commission went on to say that individual prime contractors in a joint venture will only be allowed to work on those items for which they are pre-qualified. This limitation, however, would preclude what often occurs with joint ventures, namely, that they hire workers and place them on the payroll of the joint venture. Under that scenario the joint venture entity performs the work of the project, rather than individual prime contractors performing separate portions of the work. With that in mind, will the Commission clarify Response 21 to provide that a joint venture entity that hires workers on its payroll may perform the work of the project, as long as the individual prime contractors who are members of the joint venture are collectively pre-qualified in all of the required work classifications?

Response 181: Response No. 21 stands as is. The Contractor/Joint Venture is in charge of the work for which they are pre-qualified.

Inquiry 182: Lump Sum Retaining Wall (PA-A) S-36223: Please verify the Precast Wall Panels quantity. Plan quantity = 5820 SF. Our take-off = 10002 SF. It appears the plan quantity may only include the portion of the wall shown on R2-5, and excludes the quantity shown on sheet R2-4.

***Response 182:** The area of the precast MSE wall panels for retaining walls PA-A, PA-B, PA-C1, PA-BP, PA-C3, and PA-BM shall be revised as follows.

On Sheet R2-1 of R2-79 in Package A – Part 5, in SUMMARY OF ESTIMATED QUANTITIES table, revise the quantities for the Component Item "PRECAST WALL PANELS" for the Lump Sum Pay Item No. 8621-0003 through 8621-0006, 8621-0008 and 8621-0009 as follows:

- RETAINING WALL PA-A (S-36223): 9700 SF
- RETAINING WALL PA-B (S-36224): 3300 SF
- RETAINING WALL PA-C1 (S-36649): 500 SF
- RETAINING WALL PA-BP (S-36648): 5500 SF
- RETAINING WALL PA-C3 (S-36651): 4500 SF
- RETAINING WALL PA-BM (S-36647): 5300 SF
- TOTAL: 28,800 SF

Inquiry 183: As a follow up to Q & A No. 39 it was stated that the Mowing quantity is 34 acres yet the most current excel file the actual quantity that is in the cell is 33.5330578512397 and is being rounded up to appear as 34 acres. Please correct this quantity as required.

Response 183: The rounding will be corrected in the "Schedule of Prices" excel working spreadsheet file.

Inquiry 184: As a follow up to Inquiry No. 1 and No. 147 it is still not clear whether the final excel file that contains the Schedule of Prices and be electronically filled in and printed out and turned as a part of the Bid Documents. Can the final excel file be utilized and printed an inserted in the Bid Documents that get turned in in lieu of the final hard copy A pages or do the final hard copy A pages need to be filled in by hand and turned in as suggested by the answers to the above referenced inquiries; please advise.

Response 184: To be clear, and as previously stated in other responses, the Commission has provided the referenced excel spreadsheet for the convenience of the bidder only. The excel spread sheet is <u>not</u> to be submitted with the bid in lieu of the 'A' pages.

Inquiry 185: The question has been ask several times about PennDOT bid items with the same item number and description having to be bid at the same unit price. The answer to Inquiry 153 give the same answer as answers to previous questions that this is a PennDOT requirement and those like items have to be bid at the same unit price. The answer to 153 also states that this requirement is applicable to pay items in NJ. To my knowledge this is not a requirement of NJDOT and is not stated in any specification; please advise if this is a Commission requirement. Please advise where in the Contract Documents that outline this requirement for NJ pay items.

Response 185: Refer to General Provisions page GP-1, which states the following:

GENERAL PROVISIONS AND SECTION 100 SPECIAL PROVISIONS

The Delaware River Joint Toll Bridge Commission has revised portions of the Section 100 General Provisions of the Pennsylvania Department of Transportation Specifications Publication 408, dated 2016. These General Provisions, Section 100 of PennDOT Publication 408, dated 2016, and Section 100 Special Provisions included herein govern the construction of all aspects of the Project included in the General Package, and Packages A, B and C of the Contract Documents.

Inquiry 186: Addendum No. 4 revised S-36222 Plan Sheet 48 of 62 to add mechanical couplers to transverse median bars due to insufficient lap length available from projecting bars. Won't the same be true of the bars in S-36219 temporary median deck?

4'-9 15/16" c. to c. girders / 2 = 2'-5" minus 1/2" open joint minus 1-1/2" cover = 2'-3" bar projection. 2'-6" lap is required.

***Response 186:** See Response to Inquiry No. 176 above.

Inquiry 187: Please reference work restrictions that preclude in-stream water work except for that contained within a cofferdam between March 15 and June 30 of every year within the Delaware River. In consideration of receiving the limited notice to proceed on February 1, 2017 with procurement/fabrication/delivery of trestle material thereafter, it is not likely that trestle

work will commence prior to July 1, 2017. Further, to achieve the interim milestone completion date for the SB structure as currently established, the Stage 1 Phase 2 (S1P2) Trestle must be constructed prior to March 15, 2018. As such, the Contractor will be required to construct the Stage 1 Phase 1 (S1P1) Trestle, construct the S1P1 Substructure, construct the S1P1 superstructure (exclusive of deck concrete), remove the S1P1 Trestle, Construct the S1P2 trestle, and construct the in-stream portion of the S1P2 Substructure in 8.5 months. Given the nature of the work involved, this represents an extremely aggressive schedule and imposes an unreasonable amount of risk on the contractor. Stage 2 work will have similar schedule complications resulting from the in-stream restrictions. We respectfully request that additional time be provided to complete the project in consideration of the annual 3.5 month non-work period for in-stream work. Also, please provide the Commission's schedule showing how it intended to complete the work within the time provided.

Response 187: The Commission will not provide a copy of the schedule, and is intent on holding the Project Milestone Dates included in the Contract Special Provisions and as modified in response to Inquiry No. 109 included in Addendum No. 4.

Inquiry 188: Please provide all Environmental Permits so that the contractor can fully understand all restrictions and how it can access the various aspects of the work.

Response 188: See Responses to Inquiry No. 115 and Inquiry No. 116 posted in Addendum No. 4.

Inquiry 189: Section 103.04 Page GP-12, second paragraph, requires each participant in a Joint Venture to provide separate Performance and Payment Bonds. We are being advised by our Surety that this is not the method used for providing Joint Venture Bonds. The Performance and Payment Bonds are issued in the name of the Joint Venture and the Bonds cover the entire contract. Please revise this specification.

Response 189: See Response to Inquiry No. 179 and Inquiry No. 180.

END OF INQUIRIES RECEIVED FROM NOVEMBER 2, 2016 and THROUGH COB (4 P.M.) NOVEMBER 8, 2016

(Responses Issued and also Posted on the Commission's Website on NOVEMBER 10, 2016).

B. <u>Responses included herein are to Inquiries received by the Commission from Wednesday November 9, 2016 through Tuesday November 15, 2016.</u>

Inquiry 190: The Contract Drawings specify a 500 year flood elevation. Does this flood elevation have to be considered for the design of the MSE walls?
Response 190: Yes, the flood elevation is to be considered and the MSE wall shall be designed in accordance with AASHTO LRFD 2015 as modified by the PennDOT and NJDOT Design Manual for the retaining walls in PA and NJ respectively.

Inquiry 191: How shall the 600 kip load be applied to the front face of MSE Abutment wall? The General Notes for the New Jersey portion of the project specify that the load be applied perpendicular to front face of MSE wall (ex. Refer to Contract Sht. 722 of 1020). The General Notes for the Pennsylvania portion specify a 600 kip impact force, assumed to act in a direction of 0 degrees to 15 degrees with edge of pavement in a horizontal plane (ex. Refer to Contract Sht. 2 of 62 of Structure S-36222).
***Response 191:** 600 kips equivalent static force shall be applied in accordance with AASHTO LRFD subsection 3.6.5.1 as specified in MSE WALL NOTE 6 on sheet 722 of 1020 in Package B – Part 4. Note 6 shall also be revised as follows:
On sheet 722 of 1020 in Package B – Part 4, replace the MSE WALL NOTE 6 with the following.
"PANELS IDENTIFIED TO BE DESIGNED FOR VEHICULAR IMPACT ARE TO BE DESIGNED FOR AN EQUIVALENT STATIC FORCE OF 600 KIPS IN ACCORDANCE WITH SECTION 3.6.5.1 - PROTECTION OF STRUCTURES OF AASHTO'S LRFD BRIDGE DESIGN SPECIFICATIONS. THE MINIMUM THICKNESS OF THE PANELS IS TO BE 12 INCHES."

Inquiry 192: How shall the bottom of MSE wall, to top of leveling pad, be considered? Must the bottom of wall be at least to the top of leveling pad elevations provided in the Contract Plan or can the bottom of wall be closer to the finished grade while maintaining the 3'-0" minimum embedment? If the MSE wall can be designed to be above the leveling pad elevations provided in the Contract Plans, then finished grade information for the Pennsylvania portion is requested. There is not enough information of the finished grade provided for the Pennsylvania portion of this project.
Response 192: The bottom of the MSE wall is coincident with the top of the leveling pad. For information regarding the proposed grading in front of the retaining walls in the Pennsylvania portion of the project, please refer to the grading plans included in the Contract Plans (Package A – Part 1, Sheets 264 through 280).

Inquiry 193: There are integral abutment details that have no backwall strips shown in the PA portion of the project. Included in the integral abutment details is a note indicating that the lateral forces from the integral abutment are to be included in the design of the MSE wall reinforcing strips. This note refers to an MSE note on another sheet. (For example refer to sht. 10 of 62 of Structure S-36221. The detail refers to MSE Note 21 on Sht. 2). The referenced MSE note is missing. Please clarify this note.

***Response 193:** The note in the INTEGRAL ABUTMENT DETAIL on sheet 10 of 62 of S-36221 should refer to FOUNDATION AND PILE NOTE 20, not MSE Note 21.
On sheet 10 of 62 in Package A – Part 5, replace the note "LATERAL FORCES FROM INTEGRAL ABUTMENT TO BE INCLUDED IN DESIGN OF MSE WALL SOIL STABILIZING ELEMENTS, SEE MSE NOTE 21, ON SHEET 2" with the following.

"LATERAL FORCES FROM INTEGRAL ABUTMENT TO BE INCLUDED IN DESIGN OF MSE WALL SOIL STABILIZING ELEMENTS, SEE FOUNDATION AND PILE NOTE 20, ON SHEET 2"

Inquiry 194: Referencing Structure No. 1109-152 on the NJ portion on Contract Sht. 847 of 1020, the top of wall elevation provided at Station 37+50, is 72.86. This appears to be a drastic increase from Sta. 37+00. Please confirm that this elevation is correct.
***Response 194:** On Sheet 847 of 1020 in Package B – Part 4, change the PROP ELEVATION ALONG BL AND PGL at STA BP 37+50 from 72.86 to 70.86.

Inquiry 195: The sound wall panels are specified to be of acrylic material. What is the unit weight of this material?
Response 195: As per the material sources specified on page SP A-201 in the Special Provisions, the unit weight of the 20 mm thick panel shall be 4.86 lb/ft². If an approved equal is to be used, the contractor shall refer to the acrylic sound barrier wall manufacturer for the unit weights of sound barrier wall materials.

Inquiry 196: Package A- Part 4, Page 18 of 336, Note 5 requires a 35 Ft minimum rock core at the demonstration shaft. Paragraph (b) on Spec Page SP A-159 requires a the core to be 10 ft. minimum below the bottom of rock socket. Please advise which specification governs. Also, Note 9 on Plan Page 48 of 336 states that test holes, probe holes and exploratory holes are not required for production drilled shafts. Per the notes on Plan Page 18 it's clear that a test hole is required for the demonstration shaft, but probe hole and/or exploratory holes aren't mentioned. Please clarify if a probe and/or exploratory hole is required at the demonstration shaft and if so, please clarify to what depth each shall be drilled. If they are not required please remove paragraphs (c) and (d) from SP A-159 due to the conflicting language.
***Response 196:** A minimum 35' rock core is required as stated in the Note 5 on Sheet 18 of 336 in Package A – Part 4. The demonstration shaft requires a test boring. Probe holes and exploratory drilling are not required for the demonstration shaft. Test holes, probe holes and exploratory drilling are not required for production drilled shaft as stated in Note 9 on Sheet 48 of 336 in Package A – Part 4. The Special Provisions Package A will be revised accordingly.

Inquiry 197: Package A - Please <u>review</u> and <u>compare</u> between the Post Construction Stormwater Management Plan details (sheet 37, 46, 49 and 52 of 52) and the E&S Pollution Control Plan detail (sheet 95 of 97)… <u>are these outlet structures (OS-101/401/402/403) require a 36" sump on the outlet pipe elevation as shown on the E&S detail</u>?
***Response 197:** OS-101/401/402/403 do not require a 36" sump on the outlet pipe elevation.

Revise the following:

On EROSION AND SEDIMENT POLLUTION CONTROL PLAN Sheet 95 of 97 in Package A, Part 3, delete the 36" sump from SECTION A-A and add note "FOR FOUNDATION, SEE

POST CONSTRUCTION STORMWATER MANAGEMENT PLAN OUTLET STRUCTURE DETAILS" to SECTION A-A.

Inquiry 198: Package A - Please also check and verify the size of inlet box that a standard inlet box can not accommodate for a 36" RCP pipe on Basin A (OS-101) and a 48" RCP pipe on Basin F (OS-401) as shown on the Post Construction Plan details (sheet 37 and 52 of 52).
***Response 198:** The standard inlet box in Basin A (OS-101) can accommodate a 36" RCP, per RC-46M, sheet 45 of 45. The outlet structure for Basin F (OS-401) will be revised to a Type 6 Box.

Revise the following:

- On POST CONSTRUCTION STORMWATER MANAGEMENT PLAN Sheet 52 of 52 in Package A, Part 3, in the "BASIN F OUTLET STRUCTURE – FRONT FACE" detail, change the "TYPE M STANDARD INLET BOX" to "TYPE 6 INLET BOX".
- On POST CONSTRUCTION STORMWATER MANAGEMENT PLAN Sheet 52 of 52 in Package A, Part 3, in the "BASIN F OUTLET STRUCTURE - BACK FACE" detail, change the "STANDARD INLET BOX" to "TYPE 6 INLET BOX".

Inquiry 199: Package A - There are some discrepancy information between the cross sections and the Drainage Tab of quantities… please identify the structure numbers for #0605-1500 Modified Manhole (4 each) and #0605-1501 Manhole with Flat Top (10 each).
***Response 199:** The following structure numbers are Item No. 0605-1501 "Manhole with Flat Top": MH-303, MH-304, MH-305, MH-403, MH-404, MH-408, MH-409, MH-410, MH-412. The following structure numbers are Item No. 0605-1500 "Modified Manhole": MH-405, MH-413, MH-416, MH-418. The manhole with flat top at Station 218+70 to 219+15 has been removed.

Inquiry 200: Package B - Please verify the bid quantity on #602033M Inlet, Type D-2 that it should be 22 each instead of 11 each.
Response 200: No, the quantity for Inlet Type D-2 is 11 as depicted on the bid quantities of the contract plans. The Inlet, Type D-2 is an NJDOT standard inlet that spans the barrier. The drainage plans provide callouts to the inlet on each side of the barrier for grate and invert information only. No quantity revision is required.

Inquiry 201: Package B - Please verify the bid quantity on #602290M Inlet, Type D-1 Mod that should be 8 each instead of 9 each because the Diversion Structure on sheet D-03 has already listed on a separated item as the #602290M – Inlet, Non-Standard, Diversion Structure.
***Response 201:** The bid quantity for item number 602290M Inlet, Type D-1 Mod is to be changed to 8 each. The EDOQ sheet 2 of 4 in Part 1 of Package B will be revised to reflect this change. Additionally, the TBC box on sheet D-03 of page 70 of 1020 in Part 1 of Package B will be revised to remove the Inlet, Type D-1 item.

Inquiry 202: Regarding Maintenance of Traffic Control:

a. Please specify where payment will be made for PA and NJ police officers that will be required for lane closures.
b. If this work is incidental to other items, we request bid items and quantities for these services.

Response 202: See response to Inquiry No. 89 in Addendum No. 4. State Police assistance is not required by the Commission for MPT.

Inquiry 203: Please confirm that existing topsoil excavation will paid in the respective Class 1 (seq. no. 26) or Unclassified (seq. no. 726) excavation items and is not incidental to lump sum pay items.
Response 203: For Package A, **t**opsoil excavation is incidental to Item No. 4201-0001 "CLEARING AND GRUBBING" in the general package. Per Section 201.1, this work includes the removal of the top eight inches of topsoil and organic material. For Package B, the existing topsoil excavation is paid for under the item 202003P-Stripping.

Inquiry 204: Erosion control drawing for Stage 1A on plan sheet 45/97 in volume 3 does not include any work for the wetlands mitigation site within the LOD, although the adjacent mainline roadway is being constructed during this phase. Plan sheet 79/97 does show work limits for the mitigation site but specific sequencing for the mitigation site is not indicated on this plan sheet or any other drawings. Please clarify if the contractor has the option of performing the wetlands mitigation work when it best works with their respective project schedule.
***Response 204:** This work must be completed by June 1st, 2020. The completion date will be added to page SP-7 of the General Specifications as the seventh (7th) bullet under the heading PROJECT MILESTONE DATES.

- Wetland Mitigation Site Completion:
  Complete all items of work included in the Contract for the Wetland Mitigation site by a completion date of no later than June 1, 2020.

Inquiry 205: Pavement removal is a separate pay item in NJ but appears to be incorporated in the Class 1 quantities for the PA work. Please confirm this is a correct interpretation.
Response 205: For PA: Correct; per Section 203(a), Item No. 0203-0001 "Class 1 Excavation" includes "excavation, as indicated or directed, for benches and for the removal of existing pavements not being rehabilitated." (i.e., full depth pavement reconstruction).

Inquiry 206: Note #1 of "Recycling & Disposal Methods" on plan sheet 2/52 for post construction stormwater management states that all excess rock and broken concrete shall be removed from the site. Does this note imply that these materials cannot be used in embankments if sizing and cover requirements are met?
Response 206: This note indicates that surplus quantities of these materials may not be disposed of on-site. These materials may be used in embankments if they meet the requirements of Section 206. Refer to Inquiry 214. Excess materials must be removed from the site.

Inquiry 207: Please specify a pay item for removal of sediment in temporary basins related to PA items and if this work is considered incidental or paid under the bid unit price.

***Response 207:** Item No. 0861-0001 "CLEANING SEDIMENTATION STRUCTURES" has been added to the project to pay for removal of sediment from sediment basins. This quantity is paid by the cubic yard.

Inquiry 208: All the large stormwater management ponds in PA are eventually converted from temporary basins into permanent ponds. Please identify the pay item where this work is described and paid.
Response 208: The conversion of sediment basins to stormwater management basins is covered through individual components; there is not a separate pay item. The over excavation of stormwater ponds is included in Item 0203-0001 "CLASS 1 EXCAVATION". Installation of additional features needed for stormwater management are individual pay items. Removal of temporary risers is included in the pay item for the riser. Final removal of sediment from sediment basins is included in 0861-0001 "CLEANING SEDIMENTATION STRUCTURES"; see Inquiry 207, above, for more information. Procedures for these conversions are listed on Sheets 4 and 6 of 97 in the EPSC plans in Package A, Part 3.

Inquiry 209: Pay items for sequence numbers 566 and 574 both require galvanized steel sleeves. Please provide a pipe diameter and wall thickness for these sleeves.
Response 209: Pay items 566 and 574 refer to the same HDPE pipe with steel encasing however they are separate pay items based on the proposed method of construction for the each section (open cut vs trenchless excavation). The HDPE pips is 72" in diameter with an 84" diameter steel encasing sleeve. The wall thickness of the HDPE pipe is approximately 4 inches and the wall thickness of the steel encasing is approximately 1 inch. Please note wall thicknesses may slightly vary per manufacturer.

Inquiry 210: There are existing 18" (sta 257+90) and 36" (sta 258+12) drainage runs shown on plan sheet 267/280 of Volume 1 for contract "A". We assume this drainage must be maintained till replaced in successive phases. Please provide details and pay items for this work.
***Response 210:** The existing 18" pipe at Sta 257+90 will be temporarily connected to the proposed median pipe at Station 258+00. Temporary pipe connections are incidental to the cost of pipe installation. The existing 36" pipe at Sta 258+12 does not need to be maintained.

Revise the following:

On EROSION AND SEDIMENT POLLUTION CONTROL PLAN Sheet 45 of 97 in Package A, Part 3, add a label for "TEMPORARY PIPE CONNECTION" between the existing pipe and the proposed pipe at Station 258+00.

Inquiry 211: The typical section on plan sheet R2-11/79 of Volume 5 for Contract "A" shows "No 57 coarse aggregate" between the original grade and the bottom of proposed walls. Please confirm that this stone is incidental to the respective Lump Sum pay items for walls and provide specific limits (stationing) where this stone is used beneath the walls.
Response 211: The quantity of No. 57 course aggregate that is between the original ground line and the bottoms of the proposed retaining walls PA-C3 and PA-BM is quantified and included in the "NO. 57 COURSE AGGREGATE" component items to retaining walls PA-C3 and PA-BM. Within retaining walls PA-C3 and PA-BM, No. 57 course aggregate shall be used to fill

the existing ground to the bottom of leveling pad elevations where appropriate. See the Grading Plans (Package A, Part 1, Sheets 264 through 280) in conjunction with the Retaining Wall Elevations (Package A, Part 5, Sheet R2-8 of R2-79) to determine where the existing ground is below the proposed leveling pad elevations.

Inquiry 212: Sequence numbers 566 and 574 call for HDPE carrier pipe within the steel sleeves but the cross section for station 260+68 shows RCP. The HDPE pipe will be very difficult to install within the sleeves, we recommend the internal pipe be changed to RCP. Additionally, please clarify if the annular space between the pipes is to be filled with grout.
Response 212: Additional information regarding the HDPE with carrier sleeves was provided in Response 140 of Addendum 4 and the discrepancy with the cross section was identified at that time. The cross section is to be updated to reflect the HDPE material with steel encasing. The steel casing is to be 7' DIA and space between the encasing and the pipe is to be filled with flowable fill/grout material. RCP cannot be used due to constructability issue identified during the design.

Inquiry 213: Inquiry #15 in addendum No. 3 references Item No. 0601-7511. Please confirm that this item does exist in the proposal.
Response 213: Item 0601-7511 was added to the proposal as part of Addendum No. 3.

Inquiry 214: The contract plans show existing concrete paving to be rubblized and left in place. Can demolished concrete pavement that is properly sized also be used in embankments.
Response 214: Concrete is an allowed embankment material per Section 206.2(a)1.e. of the project specifications, as long as it meets the size and composition requirements listed elsewhere in Section 206.

Inquiry 215: Several of the cross sections between stations 249+50 – 256+00 show benching and undercut for the embankment zones. Please specify under which pay item this work is paid and if it will be incidental or paid under the bid unit price.
Response 215: The benching and undercut for the embankment zones are included in Item No. 0203-0001 "Class 1 Excavation".

Inquiry 216: The wetlands mitigation excavation quantity on plan sheet 76/280 in volume 1 appears to be correct but the adjacent quantity of 30,900 CY for the BSM access road appears to be incorrect. Please confirm the quantity for the BSM and that it does not include any wall excavation which should paid under wall items.
***Response 216:** Correct, the wall excavation is paid under the associated wall items. The BMS Access Drive Class 1 Excavation quantity should be deleted.

Inquiry 217: The stormwater ponds that function as sediment basin are almost entirely excavated in the early erosion control phases. This sequencing will not coincide with embankment requirements for later work. Will contractors have the option of modifying/reducing the initial pond excavations, provided sediment basin requirements are met. If revised erosion control drawings are required for this process, will the DRJTBC take the lead

on this work and what is the anticipated time frame when these revisions will be approved for construction.
Response 217: Yes, as long as the sediment basin requirements are met the contractor will have the option of modifying the pond excavations and no permit modifications will be needed. However, the contractor will be responsible for submitting a permit modification to the various permitting agencies for any deviations that will reduce the functionality of the basin.

Inquiry 218: Several of the erosion control drawings re-define LOD limits between phases as depicted on erosion control plan sheets 62/97 and 68/97 of volume 3. We understand that additional grading is required in successive phases but please confirm that LOD limits are not being used to limit the maximum area of disturbance within a given phase of work.
Response 218: Should the contractor request to work outside the LOD during a particular phase they may do so as long as they are within the permitted LOD for the project. Additionally, the appropriate erosion control measures must be provided and drainage must be maintained. If this requires additional measures beyond what is included on the proposed plans or outside the limits of the permit, the contractor is to assume the cost and will be responsible for submitting a permit modification to the various permitting agencies for any deviations.

Inquiry 219: The stormwater ponds at the north end of the project require large quantities of rock excavation. Please confirm that blasting is not prohibited for this work.
Response 219: Yes blasting is not prohibited for stormwater ponds at the north end of the project. Refer to governing standard specifications regarding the blasting requirements, please note blasting is not permitted with the installation of the trenchless excavation (see Package A, Special Provisions, Section 601.3 (9), SP A-101).

Inquiry 220: No borings have been supplied in close proximity to Basin "A". Please provide borings for this area or confirm there is no rock excavation for this pond.
Response 220: Stormwater test pits for Basin A indicate sandy soils to a depth of at least 5' below the existing bottom elevation of 159.00. No rock excavation is anticipated for this basin.

Inquiry 221: Please provide information for the existing pavement that is removed under Class 1 excavation (concrete thickness, reinforcement and asphalt overlay thickness).
Response 221: A record of existing pavement box information is shown on Sheet 2 of 280 in Package A, Part 1.

Inquiry 222: Several bid items in the proposal include additional quantity for "as directed" work that is not shown on the plans. We assume this is to build an allowance for future work that is not shown on the drawings. If this assumption is correct, shouldn't that be covered by sequence number 13 "Allowance For Unforeseen Work"? We respectfully request that the inflated quantities be adjusted back to quantities represented on the drawings. On a unit price contract, if a contractor spreads indirect costs and margin against these inflated items and the increased quantities are not realized, this will create a dangerous erosion in the contractor's financial results.

Response 222: The use of "If and Where Directed" quantities is a typical method on NJ projects that correlates with the approach that pay items in NJ will be executed, and quantities are calculated, and will not be adjusted.

Inquiry 223: Can the requirement to submit the required prequalification information, detailed on page 5 of the Notice to Contractors, be modified to allow submission along with the IBE information by the low bidder 7 business days after notification of apparent low bidder status?
Response 223: This requirement will not be modified.

Inquiry 224: We are respectfully requesting a copy of the OCIP manual that will be used on this project. We specifically need the details on the insurance policies and worksheets so we can calculate our insurance deducts.
Response 224: The OCIP manual and additional details on the insurance policies will not be available until after the OCIP Administrator is selected. It is the Commission's intent to place broad coverages with limits as set forth in the addendum.

Inquiry 225: Topic: Like Items; Reference: Inquiry 153 - NJ Item 201009P, Clearing Site. This item is used 9 times with differing descriptions. All 9 items are Lump Sum. Based on the response to Inquiry #153 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.

Response 225: As per PennDOT Pub. 408, Section 102.06 (g) the same unit price is to be provided for pay items with **identical item number and description**. The above item has a unique description, therefore it does not require the same unit cost.

Inquiry 226: Topic: Like Items; Reference: Inquiry 153 - NJ Item 506006P, Reinforced Elastomeric Bearing Assembly. This item is used 2 times with differing descriptions. Both items are Paid by the Unit. Based on the response to Inquiry #153 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.

***Response 226:** The description for Item No. 506006P will be revised to include the structure number after the description to allow a different unit price is to be used.

Inquiry 227: Topic: Like Items; Reference: Inquiry 153 - NJ Item 506009P, Structural Bearing Assembly. This item is used 2 times with differing descriptions. Both items are Paid by the Unit. Based on the response to Inquiry #153 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
***Response 227:** The description for Item No. 506009M will be revised to include the structure number after the description to allow a different unit price is to be used.

Inquiry 228: Topic: Like Items; Reference: Inquiry 153 - NJ Item 512003M, Cantilever Sign Support. This item is used 5 times with differing descriptions. All 5 items are Paid by the Unit. Based on the response to Inquiry #153 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
Response 228: See response to Inquiry 225.

Inquiry 229: Topic: Like Items; Reference: Inquiry 153 - NJ Item 512012M, Overhead Sign Support. This item is used 7 times with differing descriptions. All 7 items are Paid by the Unit. Based on the response to Inquiry #153 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
Response 229: See response to Inquiry 225.

Inquiry 230: Topic: Like Items; Reference: Inquiry 153 - NJ Item 607040P, Concrete Barrier Curb with Moment Slab. This item is used 4 times with differing descriptions. All 4 items are Paid by the LF. Based on the response to Inquiry #153 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
Response 230: See response to Inquiry 225.

Inquiry 231: Topic: Like Items; Reference: Inquiry 153 - NJ Item 602290P Inlet, Non-Standard. This item is used 2 times with differing descriptions. Both items are Paid by the Unit. Based on the response to Inquiry #153 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
Response 231: See response to Inquiry 225.

Inquiry 232: Topic: Like Items; Reference: Inquiry 153 - NJ Item 703021M, Sign Lighting. This item is used 15 times with differing descriptions. All 15 items are Paid by the LS. Based on the response to Inquiry #153 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
Response 232: See response to Inquiry 225.

Inquiry 233: Topic: Like Items; Reference: Inquiry 153 - NJ Item 704033P Control Center System. This item is used 2 times with differing descriptions. Both items are Paid by the LS. Based on the response to Inquiry #153 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
Response 233: See response to Inquiry 225.

Inquiry 234: Topic: Like Items; Reference: Inquiry 68 - PA Item 9000-9100 Control of Heat of Hydration for Structural Mass Concrete. This item appears for both structure S-36220 (both Alternate Bid Items) and structure S-36223. The costs of the items vary widely between the two structures and are both paid by the LS. Based on the response to Inquiry #68 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
***Response 234:** The description for Item No. 9000-9100 will be revised to include the structure number after the description to allow a different unit price is to be used.

Inquiry 235: Topic: Like Items; Reference: Inquiry 68 - PA Item 9000-0002 occurs twice in the Proposal with different descriptions and units of measure (the first occurrence is actually a PDA). Based on the response to Inquiry #68 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
***Response 235:** The Item Number for "FIBER OPTIC PATCH PANEL" (Sequence No. 552) will be revised from 9000-0002 to 9000-0008

Inquiry 236: Topic: Like Items; Reference: Inquiry 68 - PA Item 9000-0004 occurs twice in the Proposal with completely different descriptions. Based on the response to Inquiry #68 these items will need to be bid at the same price even though the work is unique to each bid item. Please advise.
***Response 236:** The Item Number for "COPPER PATCH PANEL" (Sequence No. 553) will be revised from 9000-0004 to 9000-0009

Inquiry 237: The contract drawings specify, for the Bicycle/Pedestrian path, the walls are to receive architectural finish on the front face of the exposed portion. In the instance of Walls 1 and 3, the front face is below the proposed grade. Based on the quantities presented in the Soldier Pile Walls Work Item table on sheet B4-47, it appears they are to receive the architectural treatment. Please confirm if these walls are to receive the treatment, or that the table on sheet B4-47 needs to be revised.
***Response 237:** For walls 1 and 3, the Architectural Treatment shall be provided on the exposed surface and 12" minimum below the finish grade as stated in Note 7 on Sheet 850 of 1020.
On Sheet 850 of 1020 in Package B – Part 4, SECTION A-A will be revised to show the vertical limit for the Architectural Treatment. See the attached revised Sheet 850 of 1020.
On Sheet 843 of 1020 in Package B – Part 4, in WORK ITEMS – SOLDIER PILE WALLS table, the quantities for Work Item ARCHITECTURAL SURFACE TREATMENT shall be revised from 170 SF to 80 SF for WALL NO 1 and 310 SF to 60 SF for WALL No 3.

Inquiry 238: For Solider Pile Retaining Wall NJ-M2B, it is stated that rock sockets are not anticipated for piles B3 through B11. For these piles, the Top of Rock elevation given is higher than the Bottom of Shaft/Rock Socket elevation. Please confirm the elevations provided on Part B sheet 945 of the contract drawings, and whether or not rock sockets will be required for all the pile shafts.
***Response 238:** For pile nos. B3 through B11, the BOTTOM OF DRILLED SHAFT/ROCK SOCKET ELEV(s) are higher than the ESTIMATED TOP OF ROCK ELEV as published in table SOLDIER PILE WALL DESIGN FOR NJ-M2B on Sheet 945 of 1020 in Package B – Part 4. Refer to Note 1 second paragraph on Sheet 945 of 1020 for guidance if rock is encountered above the estimated bottom of drilled shaft elevation for piles B3 through B11.

On Sheet 945 of 1020 in Package B – Part 4, replace the second paragraph in Note 1 with the following.
"FOR PILES NOS. B3 THROUGHT B11, DRILLED SHAFT IN SOIL IS DESIGNED. IF THE BEDROCK IS ENCOUNTERED ABOVE THE ESTIMATED BOTTOM OF DRILLED SHAFT ELEVATION, APPLY A MINIMUM OF 3 FEET ROCK SOCKET. IN THESE CASES THE COST OF DRILLED SHAFT IN ROCK SHALL BE INCIDENTAL TO THE PAY ITEM "PRECAST/CIP CONCRETE SOLDIER PILE WALL (NJ-M2B)"

Inquiry 239: Package A specification page SP A-166 states that coring and grouting of the shaft concrete will be paid in accordance with the item DRILLED CAISSON HQ CONCRETE

CORING. This item does not appear in the proposal. Please add a proposal item for Drilled Caisson HQ Concrete Coring, or remove this language from the specifications.
***Response 239:** The cost of coring and grouting of the shaft concrete shall be incidental to the respective Drilled Shaft Pay Items. The item DRILLED CAISSON HQ CONCRETE CORING will be removed and the Special Provisions Package A will be revised accordingly.

Inquiry 240: Plan sheets 401-403, of Package B, show 4" RMC running in the roadway. The note on the plan sheets directs the contractor to install 3 inner ducts inside of the RMC. Are these inner ducts incidental to the 4" RMC, or should they be paid under "Item 867- 3- 1 1/4" Flexible Nonmetalic Conduit" for the locations where this note applies?
***Response 240:** Yes, the inner ducts are to be incidental to the 4" Rigid Metallic Conduit on plan sheets 401-403 of Package B. The quantity under Sequence No. 861 will be moved to the new pay item that will be added (Sequence Number 861A, Item No. 701024P 4" Rigid Metallic Conduit) on plan sheets 401-403.

Inquiry 241: Sheet 437, of Package B, indicates that a Foundation, Type 2M is to be installed on Route 175. This item does not exist in the Distribution of Quantities. Please add this item to the Proposal, or indicate the type of foundation to be installed.
***Response 241:** Plan Sheet 437 and the Distribution of Quantities plan sheet will be revised to include an item for the "Foundation, Type 2M".

Inquiry 242: The proposal quantities and distribution of quantities for Package B- Items 859 and 860 do not match what's shown in the Highway Lighting Plans. Please review the proposal quantities, distribution of quantities and Highway Lighting plans for Package B Items 859 and 860 and revise accordingly.
***Response 242:** The Package B - Items 859 and 860 proposal quantities on the Highway Lighting Plans are correct. The Estimate-Distribution of Quantities will be revised; the quantity for Item 859 - 2" Rigid Metallic Conduit on the Estimate-Distribution of Quantities plan Sheet 4 will be changed from 4015 L.F. to 2095 L.F. and the distribution will be revised. The proposal quantity for Item 860 - 3" Rigid Metallic Conduit on the Estimate-Distribution of Quantities plan Sheet 4 will be changed from 5611 L.F. to 11,086 L.F. and the distribution will be revised.

Inquiry 243: Per note 24 on plan sheet 841 the DGA & rebar items are incidental to the "Reinforced Concrete Grade Slab" item. However, the work item tables on sheets 843 - 845 show quantities being paid for under their individual items. Please clarify if the DGA and Reinforcement steel in the "Reinforced Concrete Grade Slab" are incidental to the grade slab or paid for under the "Reinforcement Steel, Epoxy Coated" and "Dense-Graded Aggregate Base Course" items.
***Response 243:** The rebar item in the grade slab and concrete is incidental to the "Reinforced Concrete Grade Slab" item. The reinforcement in the curb and pylon will be paid under "REINFORCEMENT STEEL, EPOXY COATED" and is included in the quantity published in the QUANTITIES tables on sheet 843 to 845 of 1020.
On Sheet 841 of 1020 in Package B – Part 4, Note 24 will be revised as follows.

“THE SLAB FOUNDATION SHOULD BE DIRECTLY SUPPORTED ON A DENSED GRADED AGGREGATE BASE COURSE, 6” THICK. A MINIMUM FACTORED BEARING RESISTANCE OF 4 KSF, OR A SUBGRADE REACTION MODULUS OF 150 PCI CAN BE USED PROVIDED COMPACTION REQUIREMENTS ARE FOLLOWED.

PAYMENT FOR "REINFORCED CONCRETE GRADE SLAB" WILL BE MADE IN SQUARE YARDS MEASURED ALONG THE TOP PROJECTED AREA BETWEEN THE TWO OUTER LINES OF CURBING. NO SEPARATE PAYMENT WILL BE MADE FOR THE 12" MINIMUM CONCRETE SLAB, EXPOSED FACING AND CONCRETE BASE BELOW THE GRADE SLAB, ¾” BROKEN STONE BETWEEN CURBING AND BARRIER, REINFORCEMENT STEEL IN THE SLAB, COPING AND BASE INCLUDING THE VERTICAL BARS FROM BASE INTO THE CURB, DOWEL BARS AT CONTRACTION/EXPANSION JOINT, AND THE MISCELLANEOUS ITEMS AS REQUIRED FOR THE CONSTRUCTION OF THE GRADE SLAB. ALL WORK ITEMS SHALL BE INCLUDED IN THE PAY ITEM "REINFORCED CONCRETE GRADE SLAB". THE REINFORCEMENT IN THE CURB AND PYLON WILL BE PAID AS A SEPARATE PAY ITEM “REINFORCEMENT STEEL, EPOXY COATED”. CONCRETE PYLON AND CURB WILL BE PAID SEPARATELY UNDER “CONCRETE PYLON” AND CONCRETE BARRIER CURB” RESPECTIVELY.”

On Sheet 843 of 1020 in Package B – Part 4, add the following note below the QUANTITIES table.

“PAY ITEM 504006P INCLUDES THE REINFORCEMENT IN THE CURB AND PYLON ONLY.”

On Sheet 844 of 1020 in Package B – Part 4, add the following note below the QUANTITIES table.

“PAY ITEM 504006P INCLUDES THE REINFORCEMENT IN THE CURB AND PYLON ONLY.”

On Sheet 845 of 1020 in Package B – Part 4, add the following note below the QUANTITIES table.

“PAY ITEM 504006P INCLUDES THE REINFORCEMENT IN THE CURB AND PYLON ONLY.”

On Sheet 851 of 1020 in Package B – Part 4, add the limit of “CONCRETE BASE” from the bottom of 12” THK CONC SLAB to the BOTTOM OF CONCRETE BASE in SECTION B-B and C-C.

On Sheet 852 of 1020 in Package B – Part 4, add the limit of “CONCRETE BASE” from the bottom of 12” THK CONC SLAB to the BOTTOM OF CONCRETE BASE in SECTION D-D and E-E.

On Sheet 853 of 1020 in Package B – Part 4, add the limit of “CONCRETE BASE” from the bottom of 12” THK CONC SLAB to the BOTTOM OF CONCRETE BASE in SECTION F-F and G-G.

Inquiry 244: Package A, Part 4, Page 126 of 336 shows a scupper at approximately Sta 277+48 but the corresponding table on Page 150 doesn't include a scupper at this location. Please advise

if a scupper is required at approx. 277+48, and if so, please adjust the appropriate tables on Plan Pages 13 and 150.
***Response 244:** For the Main River Bridge Alternate 1 Design, there is a Type 1 scupper at station 277+47. The scupper is shown on the deck plan, but is not accounted for in the list of scuppers table and summary of quantities sheets. Plan revisions that address this item will be issued in an addendum.

Inquiry 245: Package B - Plan Page 652 shows #57 stone and geotextile fabric getting installed behind the Modified 3'-6" Retaining Concrete Half Barrier. Please advise under which pay item this work is measured and paid.
***Response 245:** The #57 Stone and Geotextile Fabric are incidental to the Modified 3'-6" Retaining Concrete Half Barrier item which is to be paid as item 607013P - 24”x43” Concrete Barrier Curb as shown in Note 4 on Page 652. Note 4 will be revised to clarify that the payment for #57 Stone and Geotextile Fabric are incidental to the barrier item.

Inquiry 246: Per Paragraph 17.1 of Attachment A (PSE&G Specs) precast manholes, if specified by the Company (PSE&G) will be furnish by the company. Also, per Paragraph 18.1, conduit and associated material will normally be supplied by the Company. Please confirm that the conduit and precast PSE&G manholes will be furnished by PSE&G at no cost to the contractor.
Response 246: PSE&G will not furnish and/or install proposed Manholes and conduits. As per the Special Provisions and the Plans, the Contractor is responsible to furnish and install the manholes and conduits as per PSE&G requirements. Attachment A of General Provisions shall be used for PSE&G materials and installation requirements mandated by PSE&G for the Contractor to follow during furnishing and installation of the proposed electric items (by Contractor).

All costs associated with the installation of proposed manholes and conduits shall be paid under: Item No. 654030M – Electric Manholes and Item No. 654012P – Concrete Encased Duct Bank and section 17.1 and 18.1 of attachment A is superseded by the Contract pay items.

The contractor is directed to the General Specifications page SP23 for conduit and manhole work.

Inquiry 247: For the specialty item of the precast, prestressed beams for the project for both the main bridge and the bridge over the Delaware River Canal does the DRJTC require the beams to be produced by an indoor facility that is PennDOT Bulletin 15 approved?
Response 247: Precast, prestressed beams for the project shall be produced by an approved PennDOT Bulletin 15 plant.

Inquiry 248: For the specialty item of the precast, prestressed beams for the project for both the main bridge and the bridge over the Delaware River Canal will the DRJTC accept a NJDOT precertified small business enterprise (SBE) as IBE credit for that portion of the work?
Response 248: Certified SBE firms are considered an acceptable IBE firm.

Inquiry 249: For the specialty item of the precast, prestressed beams for the project for both the main bridge and the bridge over the Delaware River Canal will the DRJTC allow an outdoor

NJDOT approved plant with relevant production experience similar to that required for this project to produce the prestress beams?

Response 249: See response to Inquiry 247.

C. **Revisions to previously issued Responses:**

Inquiry 84: Please reference the Notice to Contractors page i that describes the index. The Prevailing wage rates are described to contain pages M-1 through M-188. The contract only contains pages M-1 through M4. Please provide the remaining pages M-5 through M-188.

Original Response 84: The Prevailing Wage Rates may not be issued due to the use of a Project Labor Agreement (PLA) as mentioned in Addendum No. 2. Per Addendum No. 2 the terms, conditions, requirements, and obligations of all signatory parties to the PLA including the Contractor will be issued via an addendum on or before November 10, 2016.
Revised Response 84: See response to Inquiry 173

Inquiry 158: *Concrete overlay work on the Woodside Road bridge deck* - What phase of the job does this work take place?
Original Response 158: The concrete overlay work on Woodside Road bridge deck is to take place during Stages WT-2 and WT-3 accordingly.
Revised Response 158: The concrete overlay work on Woodside Road bridge deck is to be installed at the beginning of the project to increase the carrying capacity of the Woodside Road bridge. The rating table provided in Note 2 on Sheet 14 of 21 of the General Package only applies after the concrete overlay has been installed. Note 2 on Sheet 14 of 21 of the General Package will be updated accordingly. Additionally, a note will be added to Sequence General Notes on Sheet 7 of 21 of the General Package indicating the phasing of this concrete overlay work.

Inquiry 159: *Concrete overlay work on the Woodside Road bridge deck* - Traffic Control Plan Sheet 2 of 173 permits flagging operations on Woodside Road from "10 AM to 6 AM (next day)". Is this correct? Should it read "10 PM to 6 AM (next day)"?
Original Response 159: The hours listed on Sheet 2 of 173 in Package A, Part 2, are correct as shown.
***Revised Response 159:** The hours listed on Sheet 2 of 173 in Package A, Part 2, are correct as shown; however, the presentation of available weekend hours on Sheet 2 of 173 in Package A, Part 2 will be modified accordingly and issued in Addendum No. 7.

Inquiry 160: *Concrete overlay work on the Woodside Road bridge deck* - Traffic Control Plan Sheet 2 of 173 also states flagging is permitted on Woodside Road all day on Saturday and Sunday. However, even if the overlay operation starts on Friday night and works continuously through the weekend there is not enough time to do this work (mill asphalt, micro-mill beams, repair beams if necessary, drill dowels, install rebar, place and cure concrete). PENNDOT Pub 408 Section 1001.3(p) 3.b requires 3 days minimum cure time for HES Concrete and only if minimum compressive strengths are achieved can traffic be placed on the concrete. This work really requires a long-term pattern be in place. Please provide traffic control details for a long-term pattern.

Original Response 160: Traffic control details will not be provided. Notes will be added to Sheets 102 through 103 in Package A, Part 2 to clarify the staging set-up to be used for the concrete overlay work. Note that PennDOT Publication 408, Section 704.1(b) allows the Contractor to submit an accelerated cement concrete mix design to achieve higher compressive strength in a shorter duration.

Revised Response 160: PennDOT Publication 408, Section 704.1(b) allows the Contractor to submit an accelerated cement concrete mix design to achieve higher compressive strength in a shorter duration. The Contractor shall submit an accelerated cement concrete mix design that would achieve the required compressive strength within a 12 hour cure time period, such as the Clayton Class A 3000 psi (12 hour) mix design or approved equal, which shall be submitted for review and approval. The 3 days minimum cure time will not be required. Verification tests of the mix to achieve 3,000 psi in 12 hours shall be performed before the work is considered completed and accepted. There are no specific traffic control details pertaining to Woodside Road other than to provide flagging to keep one lane open for alternating traffic.

Inquiry 179: Section 103.04 of the General Provisions, as modified by Addendum No. 3, requires the contractor who is awarded the contract to furnish a Performance Bond in an amount equal to 100% of the contract price and a Payment Bond in the amount of 100% of the contract price. Section 103.04 also provides that each participant in a joint venture is to submit a separate Performance Bond and a separate Payment Bond. The result of this requirement is that for a joint venture composed of three partners, for example, the Commission would receive three Performance Bonds in an amount totaling 300% of the contract price and three Payment Bonds in an amount totaling 300% of the contract price, which is excessive and unnecessary. It would also cause joint ventures to incur higher bond costs, putting them at a competitive disadvantage relative to bidders who are not joint ventures. In addition, one of the reasons joint ventures are typically formed for projects of this size is because the members of the joint venture may not individually have the bonding capacity to pursue the project, but they do have the bonding capacity to collectively pursue the project. Will the Commission modify this bonding provision such that joint ventures are permitted to submit one Performance Bond and one Payment Bond, each in an amount equal to 100% of the contract price, rather than requiring each joint venture participant to submit separate bonds?

Original Response 179: This bonding provision will remain unchanged. Your attention is directed to Contract General Provision SECTION 103, sub-section 103.04 SURETY BONDS for compliance with this requirement.

Revised Response 179: This bonding provision will remain unchanged. Your attention is directed to Contract General Provision SECTION 103, sub-section 103.04 SURETY BONDS for compliance with this requirement. To clarify, each participant in a Joint Venture shall submit a separate Performance Bond and a separate Payment Bond equal to the amount of the contract for which they are responsible. The sum of these separate Performance Bonds must equal the contract bid amount. The sum of the separate Payment Bonds must also equal the contract bid amount. In addition, the sum of the Maintenance Bonds from the Joint Venture participants must equal 5% of the contract amount, with each participant submitting a separate Maintenance Bond equal to their portion of the contract for which they are responsible.

Inquiry 180: Section 110.08(f) of the General Provisions requires the Contractor to furnish a Surety Bond as a Maintenance Bond in a sum equal to 5% of the total contract price. This

section also provides that each participant in a joint venture shall submit a separate **Maintenance** Bond. For the same reasons as set forth above with respect to the Payment and Performance Bonds, will the Commission modify this bonding provision such that joint ventures are permitted to submit one Maintenance Bond in an amount equal to 5% of the contract price, rather than requiring each joint venture participant to submit separate bonds?

Original Response 180: This bonding provision will remain unchanged. Your attention is directed to Contract General Provision SECTION 103, sub-section 103.04 SURETY BONDS for compliance with this requirement.

Revised Response 180: This bonding provision will remain unchanged. Your attention is directed to Contract General Provision SECTION 110, sub-section 110.08(f) Maintenance Bond for compliance with this requirement. To clarify, the sum of the Maintenance Bonds from the Joint Venture participants must equal 5% of the contract amount, with each participant submitting a separate Maintenance Bond equal to their portion of the contract for which they are responsible.

END OF INQUIRIES

ADDENDUM NO. 7

I. CHANGES TO THE NOTICE TO CONTRACTOR

No changes in this Addendum

II. CHANGES TO THE CONTRACT PROPOSAL

1. On Page A-8 Change the Quantity for Item No. 0203-0001 (Sequence Number 26) from "308,554" to "277,654".
2. On Page A-8 Change the Quantity for Item No. 0204-0150 (Sequence Number 28) from "26,743" to "26,540".
3. On Page A-11 Change the Quantity for Item No. 0601-7014 (Sequence Number 77) from "7,756" to "7,715".
4. On Page A-12 Change the Quantity for Item No 0601-7074 (Sequence Number 83) from "669" to "579".
5. On Page A-13 Change the Quantity for Item No. 0605-1501 (Sequence Number 94) from "10" to "9".
6. On Page A-13 Change the Quantity for Item No. 0605-2401 (Sequence Number 95) from "15" to "14".
7. On Page A-13 Change the Quantity for Item No. 0605-2730 (Sequence Number 98) from "140" to "139".
8. On Page A-13 Change the Quantity for Item No. 0605-2854 (Sequence Number 105) from "53" to "52".
9. On Page A-27 Change the Description for Item No. 9000-9100 (Sequence Number 354) from "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE" to "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36220".
10. On Page A-27 Change the Quantity and Unit Price for Item No. 9005-0600 (Sequence Number 357) from "DOLLAR" to "420" and from "$42,000.00" to "$100.00", respectively.
11. On Page A-27 Change the Quantity and Unit Price for Item No. 9005-0610 (Sequence Number 358) from "DOLLAR" to "43" and from "$21,500.00" to "$500.00", respectively.
12. On Page A-27 Change the Quantity and Unit Price for Item No. 9005-0620 (Sequence Number 359) from "DOLLAR" to "15,000" and from "$15,000.00" to "$1.00", respectively.
13. On Page A-28 Change the Quantity and Unit Price for Item No. 9005-0700 (Sequence Number 360) from "DOLLAR" to "10,000" and from "$10,000.00" to "$1.00", respectively.
14. On Page A-29 Change the Description for Item No. 9000-9100 (Sequence Number 378) from "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE" to "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36220".
15. On Page A-29 Change the Quantity and Unit Price for Item No. 9005-0600 (Sequence Number 382) from "DOLLAR" to "420" and from "$42,000.00" to "$100.00", respectively.

16. On Page A-29 Change the Quantity and Unit Price for Item No. 9005-0610 (Sequence Number 383) from “DOLLAR” to “43” and from “$21,500.00” to “$500.00”, respectively.
17. On Page A-29 Change the Quantity and Unit Price for Item No. 9005-0620 (Sequence Number 384) from “DOLLAR” to “15,000” and from “$15,000.00” to “$1.00”, respectively.
18. On Page A-29 Change the Quantity and Unit Price for Item No. 9005-0700 (Sequence Number 385) from “DOLLAR” to “10,000” and from “$10,000.00” to “$1.00”, respectively.
19. On Page A-30 Change the Quantity for Item No 9005-0500 (Sequence Number 404) from “1,548” to “272”.
20. On Page A-30 Change the Quantity and Unit Price for Item No. 9005-0601 (Sequence Number 405) from “DOLLAR” to “185” and from “$18,500.00” to “$100.00”, respectively.
21. On Page A-30 Change the Quantity and Unit Price for Item No. 9005-0611 (Sequence Number 406) from “DOLLAR” to “20” and from “$10,000.00” to “$500.00”, respectively.
22. On Page A-31 Change the Quantity and Unit Price for Item No. 9005-0621 (Sequence Number 407) from “DOLLAR” to “15,000” and from “$15,000.00” to “$1.00”, respectively.
23. On Page A-31 Change the Quantity and Unit Price for Item No. 9005-0701 (Sequence Number 408) from “DOLLAR” to “10,000” and from “$10,000.00” to “$1.00”, respectively.
24. On Page A-31 Change the Quantity and Unit Price for Item No. 9005-0602 (Sequence Number 420) from “DOLLAR” to “160” and from “$16,000.00” to “$100.00”, respectively.
25. On Page A-31 Change the Quantity and Unit Price for Item No. 9005-0612 (Sequence Number 421) from “DOLLAR” to “20” and from “$10,000.00” to “$500.00”, respectively.
26. On Page A-32 Change the Quantity and Unit Price for Item No. 9005-0622 (Sequence Number 424) from “DOLLAR” to “17,500” and from “$17,500.00” to “$1.00”, respectively.
27. On Page A-32 Change the Quantity and Unit Price for Item No. 9005-0702 (Sequence Number 425) from “DOLLAR” to “10,000” and from “$10,000.00” to “$1.00”, respectively.
28. On Page A-34 Change the Description for Item No. 9000-9100 (Sequence Number 476) from “CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE” to “CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36223”.
29. On Page A-35 Change the Quantity and Unit Price for Item No. 9005-0604 (Sequence Number 493) from “DOLLAR” to “59” and from “$5,900.00” to “$100.00”, respectively.
30. On Page A-35 Change the Quantity and Unit Price for Item No. 9005-0614 (Sequence Number 494) from “DOLLAR” to “30” and from “$15,000.00” to “$500.00”, respectively.

31. On Page A-35 Change the Quantity and Unit Price for Item No. 9005-0624 (Sequence Number 495) from “DOLLAR” to “10,000” and from “$10,000.00” to “$1.00”, respectively.
32. On Page A-35 Change the Quantity and Unit Price for Item No. 9005-0704 (Sequence Number 496) from “DOLLAR” to “6,000” and from “$6,000.00” to “$1.00”, respectively.
33. On Page A-36 in the SCHEDULE OF PRICES, change the DESCRIPTION for SEQ. NO. 504, Item No. 8621-0012, from “MECHANICALLY STABILIZED RETAINING WALL SYSTEMS” to “NO ITEM” and remove the item number, unit, and quantity.
34. On Page A-39 Change the Item No for FIBER OPTIC PATCH PANEL (Sequence Number 552) from “9000-0002” to “9000-0008”.
35. On Page A-39 Change the Item No for COPPER PATCH PANEL (Sequence Number 553) from “9000-0004” to “9000-0009”.
36. On Page A-45 for Sequence Number 673, Change the Item No. from “9999-XXXX” to “0861-0001”, Change the Description from “NO ITEM” to “CLEANING SEDIMENTATION STRUCTURES”, Add a Unit of “CY”, and Add a Quantity of “35,493”.
37. On Page A-45 for Sequence Number 674, Change the Item No. from “9999-XXXX” to “0404-0010”, Change the Description from “NO ITEM” to “BITUMINOUS PAVEMENT RIDE QUALITY INCENTIVE, SCHEDULE A”, Add a Unit of “DOLLAR”, Add a Quantity of “90,000” , Add an Unit Price of $1.00, and Add an Item Price of $90,000.00.
38. On Page A-45 for Sequence Number 675, Change the Item No. from “9999-XXXX” to “0405-0001”, Change the Description from “NO ITEM” to “BITUMINOUS PAVEMENT LONGITUDINAL JOINT DENSITY INCENTIVE/DISINCENTIVE”, Add a Unit of “DOLLAR”, Add a Quantity of “50,000” , Add an Unit Price of $1.00, and Add an Item Price of $50,000.00.
39. On Page A-47 Change the Quantity for Item No. 202009P (Sequence Number 726) from “153,800” to “151,700”.
40. On Page A-48 Change the Quantity for Item No. 401072M (Sequence Number 745) from “14,900” to “11,000”.
41. On Page A-52 Change the Quantity for Item No. 701015P (Sequence Number 859) from “4015” to “2095”.
42. On Page A-52 Change the Quantity for Item No. 701021P (Sequence Number 860) from “5611” to “11,086”. On Page A-52 Change the Quantity for Item No. 701024P (Sequence Number 861) from “15,700” to “14,950”.
43. On Page A-52 Add the following pay item:
    Seq. No. 861A, Item No. 701024P 4” RIGID METALLIC CONDUIT with a quantity of 750 LF.
44. On Page A-52 Add the following pay item:
    Seq. No. 873A, Item No. 701156M FOUNDATION, TYPE 2M with a quantity of 1 Unit.
45. On Page A-56, change the Pay Item No. 506006P (SEQUENCE NO. 976) description from “REINFORCED ELASTOMERIC BEARING ASSEMBLY” to “REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1120-150”

46. On Page A-57, change the Pay Item No. 506009M (SEQUENCE NO. 1008) description from "STRUCTURAL BEARING ASSEMBLY" to "STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-173"
47. On Page A-58, change the Pay Item No. 506009M (SEQUENCE NO. 1039) description from "STRUCTURAL BEARING ASSEMBLY" to "STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-172"
48. On Page A-59, change the Pay Item No. 506006P (SEQUENCE NO. 1077) description from "REINFORCED ELASTOMERIC BEARING ASSEMBLY" to "REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1109-152"

III. CHANGES TO THE CONTRACT

1. On Page D-6 Change the Quantity for Item No. 0203-0001 (Sequence Number 26) from "308,554" to "277,654".
2. On Page D-6 Change the Quantity for Item No. 0204-0150 (Sequence Number 28) from "26,743" to "26,540".
3. On Page D-9 Change the Quantity for Item No. 0601-7014 (Sequence Number 77) from "7,756" to "7,715".
4. On Page D-10 Change the Quantity for Item No 0601-7074 (Sequence Number 83) from "669" to "579".
5. On Page D-11 Change the Quantity for Item No. 0605-1501 (Sequence Number 94) from "10" to "9".
6. On Page D-11 Change the Quantity for Item No. 0605-2401 (Sequence Number 95) from "15" to "14".
7. On Page D-11 Change the Quantity for Item No. 0605-2730 (Sequence Number 98) from "140" to "139".
8. On Page D-11 Change the Quantity for Item No. 0605-2854 (Sequence Number 105) from "53" to "52".
9. On Page D-25 Change the Quantity and Unit Price for Item No. 9005-0600 (Sequence Number 357) from "DOLLAR" to "420" and from "$42,000.00" to "$100.00", respectively.
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12. On Page D-25 Change the Description for Item No. 9000-9100 (Sequence Number 354) from "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE" to "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36220".
13. On Page D-26 Change the Quantity and Unit Price for Item No. 9005-0700 (Sequence Number 360) from "DOLLAR" to "10,000" and from "$10,000.00" to "$1.00", respectively.
14. On Page D-27 Change the Description for Item No. 9000-9100 (Sequence Number 378) from "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS

CONCRETE" to "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36220".

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37. On Page D-43 for Sequence Number 674, Change the Item No. from “9999-XXXX” to “0404-0010”, Change the Description from “NO ITEM” to “BITUMINOUS PAVEMENT RIDE QUALITY INCENTIVE, SCHEDULE A”, Add a Unit of “DOLLAR”, Add a Quantity of “90,000”, Add an Unit Price of $1.00, and Add an Item Price of $90,000.00.
38. On Page D-43 for Sequence Number 675, Change the Item No. from “9999-XXXX” to “0405-0001”, Change the Description from “NO ITEM” to “BITUMINOUS PAVEMENT LONGITUDINAL JOINT DENSITY INCENTIVE/DISINCENTIVE”, Add a Unit of “DOLLAR”, Add a Quantity of “50,000”, Add an Unit Price of $1.00, and Add an Item Price of $50,000.00.
39. On Page D-45 Change the Quantity for Item No. 202009P (Sequence Number 726) from “153,800” to “151,700”.
40. On Page D-46 Change the Quantity for Item No. 401072M (Sequence Number 745) from “14,900” to “11,000”.
41. On Page D-50 Change the Quantity for Item No. 701015P (Sequence Number 859) from “4015” to “2095”.
42. On Page D-50 Change the Quantity for Item No. 701021P (Sequence Number 860) from “5611” to “11,086”.
43. On Page D-50 Change the Quantity for Item No. 701024P (Sequence Number 861) from “15,700” to “14,950”.
44. On Page D-50 Add the following pay item:
    Seq. No. 861A, Item No. 701024P 4” RIGID METALLIC CONDUIT with a quantity of 750 LF.

45. On Page D-50 Add the following pay item:
    Seq. No. 873A, Item No. 701156M FOUNDATION, TYPE 2M with a quantity of 1 Unit.
46. On Page D-54, change the Pay Item No. 506006P (SEQUENCE NO. 976) description from "REINFORCED ELASTOMERIC BEARING ASSEMBLY" to "REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1120-150"
47. On Page D-55, change the Pay Item No. 506009M (SEQUENCE NO. 1008) description from "STRUCTURAL BEARING ASSEMBLY" to "STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-173"
48. On Page D-56, change the Pay Item No. 506009M (SEQUENCE NO. 1039) description from "STRUCTURAL BEARING ASSEMBLY" to "STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-172"
49. On Page D-57, change the Pay Item No. 506006P (SEQUENCE NO. 1077) description from "REINFORCED ELASTOMERIC BEARING ASSEMBLY" to "REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1109-152"

IV. CHANGES TO THE GENERAL PROVISIONS

1. On Page i of the General Provisions, under INDEX, change the PREVAILING WAGE RATES sheet number total from "M-188" to "M-134".
2. On Page i of the General Provisions, under INDEX, change the ATTACHMENTS D1 & D2 – HIGHWAY OCCUPANCY PERMIT – NJ & PA sheet count from "DD-1" to "DD-1 – DD-6".
3. Following Page M-4, Insert Prevailing Wage Rates (M-5 through M-134), see Attachment 1.
4. Add Pages DD-2 through DD-6 to Attachments D1 & D2 for the DCNR Road Use Agreement, see Attachment 3.

V. CHANGES TO THE SECTION 100 SPECIAL PROVISIONS

1. On Page SP-4 in the Section TIME OF COMPLETION change the Project Substantial Completion Date from December 14, 2020 to June 15, 2021.
2. On Page SP-6 in the Section 100 Special Provisions, under the PROJECT MILESTONE DATES, change the following:
    - BM/AET Building Completion Date from August 1, 2018 to February 1, 2019.
    - Interim Completion Date from October 30, 2018 to April 30, 2019.
    - Completion – Stage 1 Date from November 30, 2018 to May 31, 2019.
    - Substantial Completion Date from December 14, 2020 to June 15, 2021.
    - Project Completion Date from May 5, 2021 to August 31, 2021.
3. On Page SP-7 in the Section 100 Special Provisions, under the PROJECT MILESTONE DATES, after the first bullet add the following:
    - Wetland Mitigation Site Completion:
        - Complete all items of work included in the Contract for the Wetland Mitigation site by a completion date of no later than June 1, 2020.
4. On Page SP-9 change the following liquidated damages milestone dates:
    - BM/AET Building completion date from August 1, 2018 to February 1, 2019.

- Interim Completion – Stage 1 Completion Date from October 1, 2018 to April 30, 2019.
- Completion – Stage 1 Date from November 30, 2018 to May 31, 2019.

5. On Page SP-70 in the Section 100 Special Provisions, under SERVICES TO BE PROVIDED, add the following to the sixth paragraph:
   "Refer to Item 9901-2002 for Class 2 or Ramp Truck on-call services."
6. On Page SP-72 in the Section 100 Special Provisions, replace the eight paragraph with the following:
   "Have the tow truck at the site of the disabled vehicle within 15 minutes of knowing that a tow truck is required."
7. Starting on Page SP-79 in the Section 100 Special Provisions for Item 9901-2002, revise all references to "CLASS 1 TOW TRUCK – ON CALL" to "TOW TRUCK – ON CALL".
8. On Page SP-79 in the Section 100 Special Provisions, under DESCRIPTION, replace the first paragraph with the following:
   "This work is furnishing and operating one extended cab tow truck (Class 1) to remove disabled vehicles or vehicles involved in accidents with the Project Area on a per call basis outside the STANDBY hours provided for Item 9901-2001. This work also is furnishing and operating a ramp truck or Class 2 tow truck on a per call basis when traffic control during all stages are in full effect or as directed. The ramp truck or Class 2 tow truck must be available 24 hours per day."
9. On Page SP-79 in the Section 100 Special Provisions, under MATERIALS, add the following after the first paragraph:
   "CLASS 2 TOW TRUCK – Including, but not limited to buses (e.g. school buses and large transit buses), large trucks and semi-trailer rigs.
   Ramp Truck – Flat bed truck with winch for wreck removal."
10. On Page SP-89 in the Section 100 Special Provisions, under STARTING OF TOWING SERVICE, replace the first paragraph with the following:
    "Provide ON CALL Class 1 tow truck assistance and all its equipment, and qualified TTOs at the Project site beginning at Notice to Proceed until the project completion for all hours not covered by Item 9901-2001 or as directed by the Engineer. Additionally, provide ON CALL Class 2 tow truck or ramp truck and all its equipment, and qualified TTOs at the Project site beginning at Notice to Proceed until the project completion for all hours or as directed by the Engineer."

VI. CHANGES TO THE SPECIAL PROVISIONS – PACKAGE A

1. On Page SP A-iii in Special Provisions Package A, change the Item No for FIBER OPTIC PATCH PANEL from "9000-0002" to "9000-0008".
2. On Page SP A-iii in Special Provisions Package A, change the Item No for COPER PATCH PANEL from "9000-0004" to "9000-0009".
3. On page SP A-60 in Special Provisions Package A, change the title from
   "ITEM 8622-0012 – PREFABRICATED T-WALL RETAINING WALL SYSTEMS, AS DESIGNED, S-36228
   ITEM 8621-0012 – MECHANICALLY STABILIZED RETAINING WALL SYSTEMS" to

"ITEM 8622-0012 – PREFABRICATED T-WALL RETAINING WALL SYSTEMS, AS DESIGNED, S-36228"

4. On page SP A-60 in Special Provisions Package A, change the first sentence below the title from "Construct one of the above for Retaining Wall PA Median Retaining Wall (S-36228)." to "Construct the above for Retaining Wall PA Median Retaining Wall (S-36228).".
5. On Page SP A-73 in Special Provisions Package A, change the Item No from "9000-0002" to "9000-0008".
6. On Page SP A-74 in Special Provisions Package A, change the Item No from "9000-0004" to "9000-0009".
7. On Page SP A-135, change the title "ITEM 9000-9100 - CONTROL OF HEAT OF HYDRATION FOR STRUCTURAL MASS CONCRETE" to
   "ITEM 9000-9100 - CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36220
   ITEM 9000-9100 - CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36223"
8. On page SP A-156, remove the fourth bullet from the "MATERIAL" section.
9. On page SP A-159, revise the first sentence of subsection (b) as follows: "Drill a standard NX or NQ size core boring no more than 5 feet away from the center of the demonstration shaft. A minimum of 35 feet of rock core is required." Remove subsections (c) and (d).
10. On page SP A-160, revise the last sentence of subsection (e) as follows: "An optional underwater (downhole) camera can be used for the inspection of each shaft that cannot be dewatered". Remove the last bullet on the same page in its entirety.
11. On page SP A -166, delete the sentence that read (the third sentence from last): "If testing and inspection of cores indicates the concrete meets all specifications, compensation for all coring and grouting will be in accordance with the item for DRILLED CAISSON HQ CONCRETE CORING."
12. On Page SP A-167, revise the second sentence as follows: "All costs associated with HQ concrete coring and grouting are incidental to the pay item for the Drilled Caissons."
13. On page SP A-172, remove the third bullet at the top of the page.

VII. CHANGES TO THE SPECIAL PROVISIONS – PACKAGE B

1. On Page SP B-46, the following is added in Section 506.04 MEASUREMENT AND PAYMENT

THE FOLLOWING ITEMS ARE DELETED:

Item	*Pay Unit*
REINFORCED ELASTOMERIC BEARING ASSEMBLY	UNIT
STRUCTURAL BEARING ASSEMBLY	UNIT

THE FOLLOWING ITEMS ARE ADDED:

Item	Pay Unit
REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1120-150	UNIT

REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1109-152	UNIT
STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-172	UNIT
STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-173	UNIT

VIII. CHANGES TO THE SPECIAL PROVISIONS – PACKAGE C

No changes in this Addendum

IX. CHANGES TO THE PLANS – GENERAL PLANS

1. On Sheet 2 of 21 in the General Package, change the DESCRIPTION for Item No. 9901-2002 (Sequence Number 17) from "CLASS 1 TOW TRUCK – ON CALL" to "TOW TRUCK – ON CALL".
2. On Sheet 7 of 21 in the General Package, add the following note to the SEQUENCE GENERAL NOTES:
   16. THE IMPROVEMENTS (CONCRETE OVERLAY INSTALLATION) TO THE WOODSIDE ROAD BRIDGE OVER THE DELAWARE CANAL IS TO BE COMPLETED PRIOR TO THE CONTRACTOR USING THIS CROSSING WITH VEHICLE LOADS EXCEEDING THE POSTED LOAD RESTRICTION AT THIS STRUCTURE. THE CONTRACTOR IS TO UTILIZE A FLAGGING OPERATION IN ACCORDANCE WITH THE DETAILS PROVIDED IN PACKAGE A, PART 2 ON STAGES WT-2 AND WT-3 FOR ACCESS.
3. On Sheet 14 of 21 in the General Package, modify the callout "CONCRETE OVERLAY OVER BRIDGE. AS DETAILED ON ROADWAY PLANS – SEE NOTE 3" to "CONCRETE OVERLAY OVER BRIDGE AS DETAILED ON ROADWAY PLANS – SEE NOTES 2 AND 3".
4. On Sheet 14 of 21 in the General Package, replace the first sentence of Note 2 with the following: "THE WOODSIDE ROAD OVER DELAWARE CANAL BRIDGE HAS THE OPERATING LOAD RATING PROVIDED IN THE TABLE BELOW ONCE THE CONCRETE OVERLAY HAS BEEN INSTALLED."
5. On Sheet 14 of 21 in the General Package, replace Note 3 with the following:
   3. CONSTRUCTION OF THE CONCRETE OVERLAY IS LIMITED TO THE HOURS SHOWN ON SHEET 2 OF 173 IN PACKAGE A, PART 2. ONE (1) LANE OF TRAFFIC SHALL BE MAINTAINED UTILZING A FLAGGING OPERATION IN ACCORDANCE WITH PUBLICATION 213. RAPID SET CONCRETE IS TO BE USED.

X. CHANGES TO THE PLANS – PACKAGE A

PART 1:

1. On Sheet 10 of 280 in Package A, Part 1, change the total for Class 1 Earthwork from “277,089” to “304,877”.
2. On Sheet 10 of 280 in Package A, Part 1, change the total for Class 4 Earthwork from “26743” to “26540”.
3. On Sheet 55 of 280 in Package A, Part 1, add the following note:
    8. PENNDOT PUBLICATION 408, SECTION 704.1(B) ALLOWS THE CONTRACTOR TO SUBMIT AN ACCELERATED CEMENT CONCRETE MIX DESIGN TO ACHIEVE HIGHER COMPRESSIVE STRENGTH IN A SHORTER DURATION. THE CONTRACTOR SHALL SUBMIT AN ACCELERATED CEMENT CONCRETE MIX DESIGN THAT WOULD ACHIEVE THE REQUIRED COMPRESSIVE STRENGTH WITHIN A 12 HOUR CURE TIME PERIOD, SUCH AS THE CLAYTON CLASS A 3000 PSI (12 HOUR) MIX DESIGN OR APPROVED EQUAL, WHICH SHALL BE SUBMITTED FOR REVIEW AND APPROVAL. THE 3 DAYS MINIMUM CURE TIME WILL NOT BE REQUIRED. VERIFICATION TESTS OF THE MIX TO ACHIEVE 3,000 PSI IN 12 HOURS SHALL BE PERFORMED BEFORE THE WORK IS CONSIDERED COMPLETED AND ACCEPTED
4. On Sheet 56 of 280 in Package A, Part 1, change the total for Item No. 0203-0001 from “308,554” to “277,654”.
5. On Sheet 56 of 280 in Package A, Part 1, change the total for Item No. 0204-0150 from “26743” to “26540”.
6. On Sheet 56 of 280 in Package A, Part 1, change the quantity for Item No 0601-7014 from “7756” to “7715”.
7. On Sheet 56 of 280 in Package A, Part 1, change the quantity for Item No 0601-7074 from “669” to “579”.
8. On Sheet 56 of 280 in Package A, Part 1, change the total for Item No. 0605-1501 from “10” to “9”.
9. On Sheet 56 of 280 in Package A, Part 1, change the quantity for Item No 0605-2401 from “15” to “14”.
10. On Sheet 56 of 280 in Package A, Part 1, change the total for Item No. 0605-2730 from “140” to “139”.
11. On Sheet 56 of 280 in Package A, Part 1, change the quantity for Item No. 0605-2854 from “53” to “52”.
12. On Sheet 59 of 280 in Package A, Part 1, change the following quantities:
    a. Item No. 9005-0600 (Sequence Number 357) from “42000” to “420”.
    b. Item No. 9005-0610 (Sequence Number 358) from “21500” to “43”.
    c. Item No. 9005-0600 (Sequence Number 382) from “42000” to “420”.
    d. Item No. 9005-0610 (Sequence Number 383) from “21500” to “43”.
13. On Sheet 60 of 280 in Package A, Part 1, change the following quantities:
    e. Item No. 9005-0601 (Sequence Number 405) from “18500” to “185”.
    f. Item No. 9005-0611 (Sequence Number 406) from “10000” to “20”.
    g. Item No. 9005-0602 (Sequence Number 420) from “16000” to “160”.
    h. Item No. 9005-0612 (Sequence Number 421) from “10000” to “20”.
14. On Sheet 60 of 280 in Package A, Part 1, change the quantity for Item No 9005-0500 from “1548” to “272”.

15. On Sheet 61 of 280 in Package A, Part 1, change the following quantities:
    i. Item No. 9005-0604 (Sequence Number 493) from “5900” to “59”.
    j. Item No. 9005-0614 (Sequence Number 494) from “15000” to “30”.
16. On Sheet 61 of 280 in Package A, Part 1, change the DESCRIPTION for SEQ. NO. 504, Item No. 8621-0012, from “MECHANICALLY STABILIZED RETAINING WALL SYSTEMS” to “NO ITEM” and remove the item number, unit, and quantity.
17. On Sheet 61 of 280 in Package A, Part 1, change the Item No for Sequence No 552 from “9000-0002” to “9000-0008”.
18. On Sheet 61 of 280 in Package A, Part 1, change the Item No for Sequence No 553 from “9000-0004” to “9000-0009”.
19. On Sheet 62 of 280 in Package A, Part 1, change the DESCRIPTION FOR SEQ. NO. 673 from “NO ITEM” to “CLEANING SEDIMENTATION STRUCTURES”, change the Item No. from “9999-XXXX” to “0861-0001”, change the quantity from “1” to “35493”, add units of “CY”, and add for tab see sheet “127-136”.
20. On Sheet 62 of 280 in Package A, Part 1, change the DESCRIPTION FOR SEQ. NO. 674 from “NO ITEM” to “BITUMINOUS PAVEMENT RIDE QUALITY INCENTIVE, SCHEDULE A”, change the Item No. from “9999-XXXX” to “0404-0010”, change the quantity from “1” to “90000”, and add units of “DOLLAR”.
21. On Sheet 62 of 280 in Package A, Part 1, change the DESCRIPTION FOR SEQ. NO. 675 from “NO ITEM” to “BITUMINOUS PAVEMENT LONGITUDINAL JOINT DENSITY INCENTIVE/DISINCENTIVE”, change the Item No. from “9999-XXXX” to “0405-0001”, change the quantity from “1” to “50000”, and add units of “DOLLAR”.
22. On Sheet 76 of 280 in Package A, Part 1, change the following quantities:
    a. Item No. 0203-0001,
        i. BMS ACCESS DRIVE from “30900” to “0”
        ii. TOTALS from “58688” to “27788”
23. On Sheet 100 of 280 in Package A, Part 1, delete the line 218+70.00 to 219+15.00 RT.
24. On Sheet 101 of 280 in Package A, Part 1, delete the line 218+70.00 to 219+15.00 RT.
25. On Sheet 102 of 280 in Package A, Part 1, delete the line 218+70.00 to 219+15.00 RT.
26. On Sheet 106 of 280, delete the upper line for Sta 254+53.58 to Sta 255+45.92 LT.
27. On Sheet 107 of 280, delete the upper line for Sta 254+53.58 to Sta 255+45.92 LT.
28. On Sheet 108 of 280, delete the upper line for Sta 254+53.58 to Sta 255+45.92 LT.
29. On Sheet 124 of 280 in Package A, Part 1, change the total for Item No. 0204-0150 from “26711” to “26508”.
30. On Sheet 124 of 280 in Package A, Part 1, change the total for Item No 0601-7074 from “669” to “579”,
31. On Sheet 125 of 280 in Package A, Part 1, change the total for Item No 0601-7014 from “7526” to “7485”.
32. On Sheet 125 of 280 in Package A, Part 1, change the total for Item No 0605-1501 from “10” to “9”.
33. On Sheet 125 of 280 in Package A, Part 1, change the total for Item No 0605-2401 from “15” to “14”.

34. On Sheet 125 of 280 in Package A, Part 1, change the total for Item No. 0605-2730 from "140" to "139".
35. On Sheet 125 of 280 in Package A, Part 1, change the total for Item No 0605-2854 from "53" to "52".
36. On Sheets 127-136 of 280 in Package A, Part 1, add Item No. 0861-0001 "CLEANING SEDIMENTATION STRUCTURES" with units of CY.
37. On Sheet 127 of 280 in Package A, Part 1, add a quantity of "512" for Item No. 0861-0001 on the line 148+80.00 RT.
38. On Sheet 127 of 280 in Package A, Part 1, add a quantity of "474" for Item No. 0861-0001 on the line 154+20.00 RT.
39. On Sheet 129 of 280 in Package A, Part 1, add a quantity of "20379" for Item No. 0861-0001 on the line 246+90.00 RT.
40. On Sheet 131 of 280 in Package A, Part 1, add a quantity of "14128" for Item No. 0861-0001 on the line 915+25.00 RT.
41. On Sheet 136 of 280 in Package A, Part 1, add a total of "35493" for Item No. 0861-0001.

PART 2:

42. On Sheet 2 of 273 in Package A, Part 2, add General Note 66 which reads:
    THE CONTRACTOR IS TO PERFORM THE IMPROVEMENTS (CONCRETE OVERLAY INSTALLATION) TO THE WOODSIDE ROAD BRIDGE OVER THE DELAWARE CANAL PRIOR TO USING THIS CROSSING WITH VEHICLE LOADS EXCEEDING THE POSTED LOAD RESTRICTION AT THIS STRUCTURE. NOTE THAT THIS WORK REQUIRES COORDINATION WITH THE COMMONWEALTH OF PENNSYLVANIA'S DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES (DCNR) AND A ROAD USE AGREEMENT IS TO BE OBTAINED PRIOR TO PERFORMING THE WORK AT THIS STRUCTURE. THE ROAD USE AGREEMENT IS AVAILABLE IN THE SPECIAL PROVISIONS, GENERAL PACKAGE, AS PART OF ATTACHMENTS D1 & D2 AND IS ANTICIPATED TO TAKE BETWEEN FOUR (4) AND SIX (6) WEEKS FOR PROCUREMENT. ALL COSTS ASSOCIATED WITH THE DCNR COORDINATION IS TO BE PAID UNDER THE ITEM 0901-0001, MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION. THE CONTACT FOR THIS COORDINATION IS TO BE THE FOLLOWING:
    PA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
    DELAWARE CANAL AND RALPH STOVER STATE PARKS
    11 LODI HILL ROAD
    UPPER BLACK EDDY, PA 18972

    ATTN: JOSH SWARTLEY, PARK MANAGER

PHONE: 610-982-5560
FAX: 610-982-0160

43. On Sheet 2 of 173 in Package A, Part 2, revise the allowable flagging operation hours on Woodside Road to the following:
    MONDAY THRU THURSDAY: 10:00 AM TO 6:00 AM (NEXT DAY)
    FRIDAY THRU MONDAY: 10:00 AM (FRIDAY) TO 6:00 AM (MONDAY)

PART 3:

Erosion and Sediment Pollution Control Plan

44. On Sheet 45 of 97 in Package A, Part 3, add a label for "TEMPORARY PIPE CONNECTION" between the existing pipe and the proposed pipe at Station 258+00.
45. On Sheet 95 of 97 in Package A, Part 3, delete the 36" sump from SECTION A-A and add note "FOR FOUNDATION, SEE POST CONSTRUCTION STORMWATER MANAGEMENT PLAN OUTLET STRUCTURE DETAILS" to SECTION A-A.

Post Construction Stormwater Management Plan

46. On Sheet 52 of 52 in Package A, Part 3, in the "BASIN F OUTLET STRUCTURE – FRONT FACE" detail, change the "TYPE M STANDARD INLET BOX" to "TYPE 6 INLET BOX".
47. On Sheet 52 of 52 in Package A, Part 3, in the "BASIN F OUTLET STRUCTURE - BACK FACE" detail, change the "STANDARD INLET BOX" to "TYPE 6 INLET BOX".

ITS Plan

48. On Sheet 28 of 28 in Package A, Part 3, change the Item No for FIBER OPTIC PATCH PANEL from "9000-0002" to "9000-0008".

ESS Plan

49. On Sheet 33 of 34 in Package A, Part 3, change the Item No for FIBER OPTIC PATCH PANEL from "9000-0002" to "9000-0008".
50. On Sheet 33 of 34 in Package A, Part 3, change the Item No for COPPER PATCH PANEL from "9000-0004" to "9000-0009".

PART 4:

51. On sheet 13 of 336 in Package A – Part 4, in the table of quantities, change the quantity for Scupper Type 1 from 78 to 79.
52. On Sheet 13 of 336 in Package A – Part 4, in APPROXIMATE QUANTITIES – STRUCTURE, AS DESIGNED table, change the description for the Pay Item Number 9000-9100 to "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36220".

53. On Sheet 14 of 336 in Package A – Part 4, in APPROXIMATE QUANTITIES – STRUCTURE, AS DESIGNED table, change the description for the Pay Item Number 9000-9100 to "CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36220".
54. On sheet 150 of 336 in Package A – Part 4, in the "Southbound Scupper Locations and Types" table, add Scupper Type 1 under the "Bike/Ped" column at Station 277+47.

PART 5:

Taylorville Rd. Bridge, S–36222

55. Replace Sheet 48 of 62 in Package A – Part 5 with the attached Sheet 48 of 62.

PA Canal Bridge, S–36221

56. On sheet 10 of 62 in Package A – Part 5, replace the note "LATERAL FORCES FROM INTEGRAL ABUTMENT TO BE INCLUDED IN DESIGN OF MSE WALL SOIL STABILIZING ELEMENTS, SEE MSE NOTE 21, ON SHEET 2" with the following. "LATERAL FORCES FROM INTEGRAL ABUTMENT TO BE INCLUDED IN DESIGN OF MSE WALL SOIL STABILIZING ELEMENTS, SEE FOUNDATION AND PILE NOTE 20, ON SHEET 2"
57. Replace Sheet 51 of 62 in Package A – Part 5 with the attached Sheet 51 of 62.

PA Bicycle and Pedestrian Path, S-36219

58. Replace Sheet 10 of 36 in Package A – Part 5 with the attached Sheet 10 of 36.

PA Median Retaining Wall, S–36228

59. Replace Sheet 2 of 53 in Package A – Part 5 with the attached Sheet 2 of 53.
60. On Sheet No. 3 of 53 in Package A – Part 5, in the SUMMARY OF ESTIMATED QUANTITIES table for RETAINING WALL PA MEDIAN S-36228, change the description of the Pay Item No. 8622-0012 from "PREFABRICATED T-WALL RETAINING WALL SYSTEMS, AS DESIGNED" to "PREFABRICATED T-WALL RETAINING WALL SYSTEMS, AS DESIGNED, S-36228".
61. On Sheet No. 3 of 53 in Package A – Part 5, delete ALTERNATE STRUCTURE ITEMS table in its entirety.
62. Replace Sheet 12 of 53 in Package A – Part 5 with the attached Sheet 12 of 53.

Retaining Walls PA-A, PA-B, PA-C1, PA-BP, PA-C3 and PA-BM; S–36223, S–36224, S–36649, S–36648, S–36651 and S–36647

63. On Sheet R2-1 of R2-79 in Package A – Part 5, in SUMMARY OF ESTIMATED QUANTITIES table, change the description for the Pay Item Number 9000-9100 to

"CONTROL OF HEAT HYDRATION FOR STRUCTURAL MASS CONCRETE, S-36223".

64. On Sheet R2-1 of R2-79 in Package A – Part 5, in SUMMARY OF ESTIMATED QUANTITIES table, revise the quantities for the Component Item "PRECAST WALL PANELS" for the Lump Sum Pay Item No. 8621-0003 through 8621-0006, 8621-0008 and 8621-0009 as follows:
    - RETAINING WALL PA-A (S-36223): 9700 SF
    - RETAINING WALL PA-B (S-36224): 3300 SF
    - RETAINING WALL PA-C1 (S-36649): 500 SF
    - RETAINING WALL PA-BP (S-36648): 5500 SF
    - RETAINING WALL PA-C3 (S-36651): 4500 SF
    - RETAINING WALL PA-BM (S-36647): 5300 SF
    - TOTAL: 28,800 SF
65. Replace Sheet R2-29 of R2-79 in Package A – Part 5 with the attached Sheet R2-29 of R2-79.

Retaining Walls PA-D and PA-R; S–36226 and S–36227

66. Replace Sheet R1-8 of R1-27 in Package A – Part 5 with the attached Sheet R1-8 of R1-27.

XI. CHANGES TO THE PLANS – PACKAGE B

PART 1:

1. On Sheet 2 of 1020 in Package B, Part 1, change the following quantities:
    a. Contract Quantity
        i. Item No. 202009P (Sequence Number 726) from "153,800" to "151,700".
        ii. Item No. 401072M (Sequence Number 745) from "14,900" to "11,000".
        iii. Item No. 602290M (Sequence Number 789) from "9" to "8"
    b. If and Where Directed
        i. Item No. 202009P (Sequence Number 726) from "15,941" to "13,841".
        ii. Item No. 401072M (Sequence Number 745) from "4,986" to "1,086".
2. On Sheet 4 of 1020 in Package B, Part 1, - change the following quantities:
    a. Contract Quantity
        i. Item No. 701015P (Sequence Number 859) from "4015" to "2095"
        ii. Item No. 701021P (Sequence Number 860) from "5611" to "11,086"
        iii. Item No. 701024P (Sequence Number 861) from "15,700" to "14,950"
    b. Plan Sheet Totals
        i. Item No. 701024P (Sequence Number 861) from "15,700" to "14,950"
    c. Distribution: Plan Sheet Quantity
        i. Item No. 701024P (Sequence Number 861) delete plan sheet ITS-02 and quantity 80.

ii. Item No. 701024P (Sequence Number 861) delete plan sheet ITS-03 and quantity 455.
iii. Item No. 701024P (Sequence Number 861) delete plan sheet ITS-04 and quantity 215.

3. On Sheet 4 of 1020 in Package B, Part 1 – add the following item:
    a. Sequence Number
        i. 861A
    b. Item Number
        i. 701024P
    c. Description
        i. 4" RIGID METALLIC CONDUIT
    d. Unit
        i. LF
    e. Contract Quantity
        i. 750
    f. Plan Sheet Total
        i. 750
    g. Distribution Plan Sheet Quantity
        i. Item No. 701024P (Sequence Number 861A) add plan sheet ITS-02 and a quantity of "80".
        ii. Item No. 701024P (Sequence Number 861A) add plan sheet ITS-03 and a quantity of "455".
        iii. Item No. 701024P (Sequence Number 861A) add plan sheet ITS-04 and a quantity of "215".
4. On sheet 70 of 1020, Remove Item 602290M, Inlet-Nonstandard, Type D-1 MOD from the TBC box.

PART 2:

5. On Sheet 437 of 1020 in Package B – Part 2, add the Pay Item 701156M "Foundation, Type 2M" to the To Be Constructed quantity box, with a Contract Quantity of "1 Unit".

PART 3:

6. On Sheet 652 of 1020 in Package B – Part 3, add the following at the end of Note 4:
"PAYMENT FOR THE #57 STONE AND GEOTEXTILE FABRIC TO BE INCIDENTAL TO THE COST OF THE BARRIER."

PART 4:

7. On sheet 661 of 1020 in Package B – Part 4, in ESTIMATE OF QUANTITIES – BRIDGE table, change the Pay Item No. 506006P (SEQUENCE NO. 976) description

from “REINFORCED ELASTOMERIC BEARING ASSEMBLY” to “REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1120-150”

8. On sheet 661 of 1020 in Package B – Part 4, in ESTIMATE OF QUANTITIES – BRIDGE table, change the Pay Item No. 506009M (SEQUENCE NO. 1008) description from “STRUCTURAL BEARING ASSEMBLY” to “STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-173”
9. On sheet 661 of 1020 in Package B – Part 4, in ESTIMATE OF QUANTITIES – BRIDGE table, change the Pay Item No. 506009M (SEQUENCE NO. 1039) description from “STRUCTURAL BEARING ASSEMBLY” to “STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-172”
10. On sheet 661 of 1020 in Package B – Part 4, in ESTIMATE OF QUANTITIES – BRIDGE table, change the Pay Item No. 506006P (SEQUENCE NO. 1077) description from “REINFORCED ELASTOMERIC BEARING ASSEMBLY” to “REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1109-152”
11. On sheet 664 of 1020 in Package B – Part 4, in SUMMARY OF QUANTITIES table, change the Pay Item No. 506006P description from “REINFORCED ELASTOMERIC BEARING ASSEMBLY” to “REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1120-150”
12. On sheet 701 of 1020 in Package B – Part 4, in QUANTITIES table, change the Pay Item No. 506006P description from “REINFORCED ELASTOMERIC BEARING ASSEMBLY” to “REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1120-150”
13. On sheet 702 of 1020 in Package B – Part 4, in QUANTITIES table, change the Pay Item No. 506006P description from “REINFORCED ELASTOMERIC BEARING ASSEMBLY” to “REINFORCED ELASTOMERIC BEARING ASSEMBLY, STRUCTURE NO. 1120-150”
14. On sheet 721 of 1020 in Package B – Part 4, in SUMMARY OF QUANTITIES table, change the Pay Item No. 506009M description from “STRUCTURAL BEARING ASSEMBLY” to “STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-173”
15. On sheet 722 of 1020 in Package B – Part 4, replace the MSE WALL NOTE 6 with the following.

    “PANELS IDENTIFIED TO BE DESIGNED FOR VEHICULAR IMPACT ARE TO BE DESIGNED FOR AN EQUIVALENT STATIC FORCE OF 600 KIPS IN ACCORDANCE WITH SECTION 3.6.5.1 - PROTECTION OF STRUCTURES OF AASHTO'S LRFD BRIDGE DESIGN SPECIFICATIONS. THE MINIMUM THICKNESS OF THE PANELS IS TO BE 12 INCHES.”
16. On sheet 739 of 1020 in Package B – Part 4, in QUANTITIES table, change the Pay Item No. 506009M description from “STRUCTURAL BEARING ASSEMBLY” to “STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-173”

17. On sheet 759 of 1020 in Package B – Part 4, in SUMMARY OF QUANTITIES table, change the Pay Item No. 506009M description from “STRUCTURAL BEARING ASSEMBLY” to “STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-172”
18. On sheet 777 of 1020 in Package B – Part 4, in QUANTITIES table, change the Pay Item No. 506009M description from “STRUCTURAL BEARING ASSEMBLY” to “STRUCTURAL BEARING ASSEMBLY, STRUCTURE NO. 1120-172”
19. On Sheet 841 of 1020 in Package B – Part 4, Note 24 will be revised as follows.
    “THE SLAB FOUNDATION SHOULD BE DIRECTLY SUPPORTED ON A DENSED GRADED AGGREGATE BASE COURSE, 6” THICK. A MINIMUM FACTORED BEARING RESISTANCE OF 4 KSF, OR A SUBGRADE REACTION MODULUS OF 150 PCI CAN BE USED PROVIDED COMPACTION REQUIREMENTS ARE FOLLOWED.
    PAYMENT FOR "REINFORCED CONCRETE GRADE SLAB" WILL BE MADE IN SQUARE YARDS MEASURED ALONG THE TOP PROJECTED AREA BETWEEN THE TWO OUTER LINES OF CURBING. NO SEPARATE PAYMENT WILL BE MADE FOR THE 12" MINIMUM CONCRETE SLAB, EXPOSED FACING AND CONCRETE BASE BELOW THE GRADE SLAB, ¾” BROKEN STONE BETWEEN CURBING AND BARRIER, REINFORCEMENT STEEL IN THE SLAB, COPING AND BASE INCLUDING THE VERTICAL BARS FROM BASE INTO THE CURB, DOWEL BARS AT CONTRACTION/EXPANSION JOINT, AND THE MISCELLANEOUS ITEMS AS REQUIRED FOR THE CONSTRUCTION OF THE GRADE SLAB. ALL WORK ITEMS SHALL BE INCLUDED IN THE PAY ITEM "REINFORCED CONCRETE GRADE SLAB". THE REINFORCEMENT IN THE CURB AND PYLON WILL BE PAID AS A SEPARATE PAY ITEM “REINFORCEMENT STEEL, EPOXY COATED”. CONCRETE PYLON AND CURB WILL BE PAID SEPARATELY UNDER “CONCRETE PYLON” AND CONCRETE BARRIER CURB” RESPECTIVELY.”
20. On Sheet 843 of 1020 in Package B – Part 4, add the following note below the QUANTITIES table.
    “NOTE: PAY ITEM 504006P INCLUDES THE REINFORCEMENT IN THE CURB AND PYLON ONLY.”
21. On Sheet 843 of 1020 in Package B – Part 4, in WORK ITEMS – SOLDIER PILE WALLS table, the quantities for Work Item ARCHITECTURAL SURFACE TREATMENT shall be revised from 170 SF to 80 SF for WALL NO 1 and 310 SF to 60 SF for WALL No 3.
22. On Sheet 844 of 1020 in Package B – Part 4, add the following note below the QUANTITIES table.
    “NOTE: PAY ITEM 504006P INCLUDES THE REINFORCEMENT IN THE CURB AND PYLON ONLY.”

23. On Sheet 845 of 1020 in Package B – Part 4, add the following note below the QUANTITIES table.
    "PAY ITEM 504006P INCLUDES THE REINFORCEMENT IN THE CURB AND PYLON ONLY."
24. On Sheet 847 of 1020 in Package B – Part 4, change the PROP ELEVATION ALONG BL AND PGL at STA BP 37+50 from 72.86 to 70.86.
25. Replace Sheets 850 through 853 of 1020 in Package B – Part 4 with the attached Sheets 850 through 853 of 1020.
26. On Sheet 945 of 1020 in Package B – Part 4, replace the second paragraph in Note 1 with the following.
    "FOR PILES NOS. B3 THROUGHT B11, DRILLED SHAFT IN SOIL IS DESIGNED. IF THE BEDROCK IS ENCOUNTERED ABOVE THE ESTIMATED BOTTOM OF DRILLED SHAFT ELEVATION, APPLY A MINIMUM OF 3 FEET ROCK SOCKET. IN THESE CASES THE COST OF DRILLED SHAFT IN ROCK SHALL BE INCIDENTAL TO THE PAY ITEM "PRECAST/CIP CONCRETE SOLDIER PILE WALL (NJ-M2B)"

XII. CHANGES TO THE PLANS – PACKAGE C

No changes in this addendum.

ATTACHMENTS

ATTACHMENT 1:

General Specifications - Prevailing Wage Rates

a. Sheets M-5 through M-134

ATTACHMENT 2:

1. Revised Plan Sheets
   a) *Package A, Part 5*: Sheets 48 of 62 (S-36222), 51 of 62 (S-36221), 10 of 36 (S-36219), 2 of 53 (S-36228), 12 of 53 (S-36228), R1-8 of R1-27 and R2-29 of R2-79.
   b) *Package B, Part 4*: Sheets 850 through 853 of 1020.

ATTACHMENT 3:

General Specifications – Attachments D1 & D2

a. Sheets DD-2 through DD-6

END OF ADDENDUM NO. 7