OHIO TURNPIKE AND
INFRASTRUCTURE COMMISSION

ADDENDUM NO. 4
ISSUED AUGUST 25, 2020

PROJECT NO. 39-20-01
PROJECT NO. 39-20-01 (PART A)
MAINLINE PAVEMENT RECONSTRUCTION
MILEPOST 0.00 TO MILEPOST 7.26
WILLIAMS COUNTY, OHIO

PROJECT NO. 39-20-01 (PART B)
TOLL PLAZA 4 SITE CONSTRUCTION
MILEPOST 3.5
WILLIAMS COUNTY, OHIO

PROJECT NO. 39-20-01 (PART C)
TOLL PLAZA 4 WETLAND CONSTRUCTION
MILEPOST 3.6
WILLIAMS COUNTY, OHIO

OPENING DATE EXTENDED TO: 2:00 P.M. (EASTERN TIME), SEPTEMBER 2 ~~AUGUST 25~~, 2020

ATTENTION OF BIDDERS IS DIRECTED TO:
ANSWERS TO QUESTIONS RECEIVED THROUGH 10:00 A.M. ON AUGUST 25, 2020

PART A Plan Sheets 19, 22, 25, 29, 42, 46, 60, 161, 163, 166, 167, 174, 464 and 465 of 613
PART C Plan Sheets 7 and 8 of 17
-AND-
Specifications: SP 103
-AND-
Bid Schedule of Items and Estimated Quantity Worksheet
Reference Nos.: 8, 8A, 13, 13A, 13B, 42, 65, 160, 173 and 177
-AND-
Additional Documents: 39-20-01 Army Corp JD Letter dated 12-19-2018

Issued by the Ohio Turnpike and Infrastructure Commission through Jennifer L. Stueber, Esq., General Counsel.

August 25, 2020
Date

Jennifer L. Stueber, Esq.,
General Counsel

ANSWERS TO QUESTIONS RECEIVED THROUGH 10:00 A.M. ON AUGUST 25, 2020:

Q#39 Will the contractor be allowed to utilize Ohio Turnpike property for the proposed field office at the existing toll plaza, approximately mile marker 2.7 or infield at interchange 13?

A#39 In order to administer this Project, the Commission's Field Office shall be placed at the existing Toll Plaza at Milepost 2.7. Electric and Telephone services are currently located behind the existing toll plaza. In areas where the trailers are placed and adjacent parking areas shall be topped with 4" minimum thickness of asphalt grindings. The Contractor shall submit a plan to the Chief Engineer for office locations and parking areas for approval. The Infield at Toll Plaza 13 may be utilized for additional field offices and/or a staging/storage area.

Q#51 For the resurfacing section, I am not finding a detail nor a pay item for the typical aggregate drain cleanout. Are the aggregate drain cleanout details not needed in this section?

A#51 This Addendum revises Plan Sheets 19 and 161 of 613, and revises Reference No. 42 of the Bid Schedule of Items and the Estimated Quantities Worksheet to add aggregate drain cleanout work.

Q#52 Would it be possible to break down Ref # 13 Pavement Removed into multiple sections such as an asphalt on concrete item, concrete only item, and asphalt only item?

A#52 This Addendum revises Plan Sheets 161 and 174 of 613, and revises Reference No. 13 into Reference Nos. 13, 13A and 13B of the Bid Schedule of Items and the Estimated Quantities Worksheet to provide separate types of Pavement Removed: Concrete, Asphalt, and Composite.

Q#53 It appears the existing outside asphalt shoulder is included in the pavement removed quantity but not the inside asphalt shoulder. Could you explain?

A#53 This Addendum revises Plan Sheet 174 of 613 to clarify the pavement removal quantities for the inside (LT) and outside shoulders (RT) for both directions (WB and EB).

Q#56 Can you confirm the Wetland Part C work is included in the CAD File Provided? If it is provided in which file could we find it?

A#56 See the response to Q#9. If you have requested files already, a new link will be sent to your email.

Q#57 Plan sheet 7/17 in Part C shows sand mound section view as being 20' wide on bottom and 20' on top, doesn't appear to be buildable given this is sand material and it is to be 24" high, which will require a slope and therefore change the 20' dimension. Please review and revise sectional dimensions as needed.

A#57 This Addendum revises Plan Sheet 7 of 17 to correct the Sand Mounds Section View Detail.

Q#58 Part C sheet 7/17 shows Brush Pile details. Lengths of branches as well as maximum diameters of branches are given but nowhere does it say how far branches are to be spaced per layer. Are there only three branches required per layer as shown on detail or is there a criteria as to how far apart these branches must be in each layer? Please provide this information.

A#58 This Addendum revises Plan Sheet 7 of 17 to provide the required details in the note below the Brush Pile Section View.

Q#59 Bid item 364- Wetland Outlet Structure: given location is in a future wetlands and is not within pavement limits, will LSM backfill be required for this item?

A#59 No, LSM backfill is not required.

Q#60 Bid item 364- Wetland Outlet Structure: please provide specifications for trash rack shown on plan sheet 8/17 detail as well as specifying if it is to set on top of structure attached or unattached.

A#60 This Addendum revises Plan Sheet 8 of 17 to provide a trash rack Model No. and Manufacturer.

Q#61 There are 6 each High Mast light poles shown on sheets 195 to 197 near the existing toll plaza. The light poles are not specifically marked for removal and there are no pay items for removal. Are these High Mast light poles to be removed, if so where will payment be made?

A#61 The intent is for all light poles to be removed and paid for under Item 202 – Structure Removed, As Per Plan as noted in the plan notes on Plan Sheet 485 of 613.

Q#62 Plan sheet 8/17 in part C shows Wetland Staff Gage detail for which 3 of these are incidental to bid item 356 "Wetland Mitigation". What diameter and type of pipe are these gages to be and is staff gage provided by owner for contractor to install? Please provide more specific details.

A#62 This Addendum revises Plan Sheet 8 of 17 to provide the requested details.

Q#63 **Has the OTC performed a Jurisdictional Determination to identify any jurisdictional streams and or wetlands on or adjacent to the referenced project? If so, will the Commission identify all jurisdictional streams and or wetlands on or adjacent to this project? Additionally, has the Commission obtained any 401/404 Water Quality Certification / Permits associated with this project? If so, can these be provided to the Bidders?**

A#63 This Addendum provides a copy of the Jurisdictional Determination letter from the US Army Corps of Engineers. The Commission received a Jurisdictional Determination from the US Army Corps of Engineers for streams and wetlands within the project area (see attached Jurisdictional Determination Letter). There is one jurisdictional stream (UNT) and 3 wetlands (WET A, C, V), and there is one isolated wetland (WET B) regulated by OEPA (see attached Waterway Impacts Table and Figure 1 for locations) within the project boundaries. Both the 401/404 and Isolated permits have been submitted and are expected to be obtained in 3-4 weeks; the permits will be provided to the Contractor upon receipt.

Q#64 It appears the quantity for item 191 (Removal of Pavement Marking) is understated. The quantity shown on the bid form is 24.2 miles. Each phase is roughly 5.7 miles long. 3 lines will need removed to initiate each phase and 4 lines will need removed at the end of each phase. 7 lines per phase times 4 phases times 5.7 miles is roughly 160 miles of line removal. Please review and advise.

A#64 The intent of the pavement marking removal is not to remove 3 lines. The outside edge line will be removed, and the other markings will be covered by either portable barrier or work zone markings at the same location. The pavement marking removal at the end of each phase required to put the road into the winter condition is covered in the Winter Shutdown note on Plan Sheet 27 of 613. The payment for this work is included in the lump sum bid price for SP 614 – Maintaining Traffic. The last sentence in the first paragraph for the referenced note on Plan Sheet 25 of 613 has been removed to avoid confusion. No changes to the quantity have been made.

Q#65 Please verify how the permanent striping indicated on pages 521-561 are quantified and where the costs and payment for these items are to be accounted for.

A#65 The long line quantities are accounted for in the OTIC Annual Pavement Marking Operations – Long Line Quantities on Plan Sheet 504 of 613. The pavement marking Subsummary Sheets 506 and 507 of 613 quantify the auxiliary pavement markings.

Q#66 Bid item 65- Topsoil. Plan quantity of 36314 cy in relation to the seeding and mulching area of 326709 sy equates to a thickness of 4". Typical sections call out topsoil at 3" thick. Please evaluate this conflict in thickness and clarify required thickness and proper volume of topsoil bid item.

A#66 This Addendum revises Plan Sheets 22 and 161 of 613, and revises Reference No. 65 of the Bid Schedule of Items and the Estimated Quantities Worksheet to correct the quantity for topsoil to a 3" thickness.

Q#67 Bid item 172- Rumble Strips: The note on plan sheet 27/613 calls for placing rumble strips into pavement and then milling/filling when rumble strips are no longer needed. Please note that on the sub-summary sheet 47/613 that these rumble strips are to be in use for phases 1 through 4 and that there is a good possibility that these will in some cases be installed in new pavement (in new phase 1 and 3 pavements for use in phases 2 and 4) as opposed to in existing pavement. One suggestion is that OTIC consider setting up a new bid item for preformed rumble strips to go on new pavement. Please review this MOT scenario and revise/add bid items as needed.

A#67 Rumble strips are used to notify motorist that they will have to stop at the existing toll plaza. When rumble strips are no longer needed, the note contains directions on remediation of the pavement. The Contractor shall bid this pay item as detailed in the plans.

Q#68 Bid items 192 and 193 are temporary pavements by the square yard. Typically, there is also a lump sum temporary road item to cover prep work and removal but not one in this proposal. Please add a bid item for temporary roads.

A#68 OTIC does not use this pay item, therefore all work described in the question is included with the temporary pavement pay item.

Q#69 The Maintenance of Traffic note for Phase 2 (Sheet 23/613) states that "improvements to the southern portion of the new MP 3.5 Toll Plaza shall be performed" in the second construction season (2022). Access to the south side of the Toll Plaza is shown in the Maintenance of Traffic Plans during Phase 2 (Sheet 74/613). However, Special Provision SP103, 2021 Construction Season, Note J states "The 2021 Toll Plaza Site Grading Completion Interim Milestone shall be defined as having all the Toll Plaza Grading complete on both the north and south side of the Turnpike including stabilization, the toll plaza site drainage, access road for the south site completed with subbase, ditches and 58-21-01 Lay Down Areas in its entirety by July 30, 2021 in order to turn both the north and south sites over to the Building Contractor, Project 58-21-01." This will require the contractor to access the south side of the Toll Plaza during Phase 1 MOT (2021), which is contrary to the Phase 2 note on Sheet 23/613. Please clarify when the southern portion of the Toll Plaza is to be constructed, the MOT requirements that will be required to protect the southern Toll Plaza work area, and the provisions that will be necessary for ingress/egress to the eastbound single lane of Turnpike traffic if constructed in 2021.

A#69 The Phasing notes on Plan Sheet 23 of 613 defines the construction work required on the 39-20-01 Part A plans only and is clearly shown in green hatch on Plan Sheet 9 of 41. The phasing of

the 39-20-01 Part B Plans are described in the Contract Coordination Plans (Plan Sheets 9-13 of 41) and the SP 103. During the 2021 Construction Season, the Contractor will not be able to access the South Toll Plaza Site when by-directional traffic is utilizing the EB lanes from the Mainline. Therefore, the Contractor shall access the South Toll Plaza Site via the proposed access drive to TR 5. The Contractor shall carefully review the Contract Coordination Plans (Plan Sheets 9-13 of 41) for the phasing of construction of both the north and south Toll Plaza Sites. These plans state that the Contractor shall construct the embankment to the subgrade limits as shown on Plan Sheet 10 of 41, constructing the staging areas as shown on Plan Sheet 9 of 41, and the South Access Drive in accordance with SP 103J. Please note that the Stabilization of the South Toll Plaza Site will only need to be performed in the staging area.

This Addendum revises Plans Sheets 29, 42, 46 and 60 of 613, and revises Reference No. 173 and 177 of the Bid Schedule of Items and the Estimated Quantities Worksheet to provide Portable Barrier (Without Glare Screen) on the EB outside shoulder to provide protection of the required South Toll Plaza Site embankment construction during the 2021 Construction Season. This barrier wall will be left in place during the 2021-2 Winter Shutdown period.

Q#70 Question: Pertaining to the sign structures. The descriptions on the items list are the old ODOT standards. Will you be issuing with Addendum 3 descriptions that are in line with the new specifications?

245	630	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 5	2	EACH
246	630	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 6	1	EACH
247	630	OVERHEAD SIGN SUPPORT, TYPE TC-7.65, DESIGN 6	3	EACH
248	630	OVERHEAD SIGN SUPPORT, TYPE TC-7.65, DESIGN 8	9	EACH

A#70 No, bid these pay items using the ODOT Standard Drawings as provided in the plans.

Q#71 Bid item 159 (construction of permanent crossover) is to be per OTIC standard XOV-4 which requires granular build up of median embankment. Bid item 193 is for constructing a temporary crossover per ODOT 615 specification. Does the build-up of the median embankment to subgrade have to be per XOV-4 (granular) or can it be done using suitable embankment?

A#71 No, follow the ODOT CMS 615 specification.

Q#72 In the Special Provisions, SP 103, Note J, it is stated that the grading, including stabilization, shall be complete on both the north and south sites, and the 58-21-01 Lay Down Areas by August 30, 2021. On Project 39-20-01B, Plans Sheet 9/41, there is a note that states "Place the first layer of SP 302 asphalt concrete base course for lay down areas prior to July 30, 2021." Which date is correct for the interim milestone completion?

A#72 This Addendum revises SP 103J to correct the 2021 Toll Plaza Site Grading Completion Interim Milestone dates to match the Contract Coordination Plans (Plan Sheets 9 of 41).

Q#73 For the turnpike-provided waste areas at SR 49 interchange, will temporary sediment control measures have to be provided by the contractor at no cost to the Commission, or will temporary sediment control measures be paid for under unit price bid items that are in part A erosion control section?

A#73 As stated in the notes on Plan Insert Sheet 1 (620 of 876), the costs which apply to temporary construction of the waste area sites shall be performed at no cost to the Commission. This work includes, but is not limited to, the temporary sediment and erosion control measures as specified in the note requirements as shown on Plan Insert Sheet 1.

Q#74 This project incorporates ODOT SS 832 which includes the use of SWPPPTrack Software for inspections. Will the OTIC require the use of SWPPPTrack Software on this project?

A#74 No, the SWPPPTrack software is not required.

Q#75 The SP451 specifications in the contract documents list the material type to be SP402 or SP403, as needed, in the Materials section on page SP-91. In the Basis of Payment section on page SP-94 it shows SP302. Please clarify which material type is to be used for SP451 asphalt repair work on this project.

A#75 SP 451 – Full Depth Pavement Repair (Asphalt) is anticipated to be utilized only in repairing the existing pavement section that is experiencing mud pumping prior to moving MOT traffic onto that section of pavement. Therefore, the damaged slab shall be removed along with the saturated subgrade. SP 304 shall be compacted up to the bottom of Concrete. SP 302 shall be installed in accordance with SP 400 to a depth of 2" below the existing surface. Final, the SP 302 shall be topped with 2" of SP 402.

Q#76 Bid item 193- Pavement For Maintaining Traffic, Class A, APP: Plan sheet 26 gives the description on sheet 26, typical section on sheet 52, and detail on sheets 134 and 135. There is a note on plan sheet 52 and an area of 874 s.y. shown on sheet 135 for resurfacing crossover pavement. What is the thickness of this 874 s.y. resurfacing area and is the contractor to mill out said thickness?

A#76 The thickness for the resurfacing area shown on Plan Sheet 135 would match the proposed crossover typical section provided on Plan Sheet 52 for the intermediate and surface course (3" total). The Contractor is responsible for milling the area as it is included in Bid Item 193. The

purpose of the hatching on Sheet 135 was to aid the Contractor in providing an area of the pavement that overlaps from Phase 3A to Phase 4A as it will be resurfaced twice.

Q#77 Bid item 171- Pavement for Maintaining Traffic, Class A, As Per Plan 1: this item from addendum 3 has notes on plan sheet 26/613 relating to temporary pavement built in the State of Indiana. Please verify that all pavement built under this item remains in place when the project is complete and that there are no items of incidental restoration required.

A#77 The State of Indiana has agreed to allow the Commission to use our SP400 Specification to perform the resurfacing of the crossover. No restoration will be required with respect to the crossover pavement.

Q#78 Bid item 160- SNAP- the quantity of 28.73 miles does not include any in the state of Indiana. Are SNAPs to be installed in the bid item 171 temporary pavement in Indiana when the job is complete? If so, please add quantities to cover this.

A#78 This Addendum revises Plan Sheets 163 and 174 of 613, and revises Reference No. 160 of the Bid Schedule of Items and the Estimated Quantities Worksheet to add SNAPs in Indiana.

In addition to the Plan Sheets that required revisions to the Contract Documents due to the questions answered in this Addendum, the remaining Plan Sheets not identified within the answers to this Addendum whether revised or added, are included with this Addendum and incorporated into this Contract. This addendum revises Plan Sheets 161, 166, 167, 464 and 465 of 613 and Reference Nos. 8 and 8A of the Bid Schedule of Items and the Estimated Quantities Worksheet to separate the Pipe Removed into Pipe Removed, 24" and Under and Pipe Removed, over 24".

Changes to the Specifications: Deletions are shown with strikethrough text.
Changes / Additions are shown with bold italicized text.

Changes to the Drawings: Additions and deletions are indicated with a cloud and revision triangle thus:

END OF ADDENDUM NO. 4