OHIO TURNPIKE AND
INFRASTRUCTURE COMMISSION

ADDENDUM NO. 2
ISSUED: DECEMBER 2, 2021

PROJECT NO. 43-22-05

BRIDGE DECK REPLACEMENT AND BRIDGE REPLACEMENT EAST EDGERTON ROAD OVER OHIO TURNPIKE M.P. 169.6, STATE ROUTE OVER OHIO TURNPIKE M.P. 172.9 CUYAHOGA & SUMMIT COUNTIES, OHIO

OPENING DATE: 2:00 P.M. (EASTERN TIME), DECEMBER 8, 2021

ATTENTION OF BIDDERS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED THROUGH 10:00 A.M. ON DECEMBER 2, 2021

MODIFICATIONS TO THE CONTRACT DOCUMENTS

Plan Sheets: 6, 7, 31, 35A, 35B, 35C, 36, 37, 39, and 40 of 76
-AND-
Bid Schedule of Items and Estimated Quantities Worksheet
Reference Nos.: 72, 73, 75, 76, 77, 79, 82, and 106
-AND-
Special Provisions: SP103, SP 304
-AND-
SP304 Quantity Calculations (For Reference Only)

Issued by the Ohio Turnpike and Infrastructure Commission through Aimee W. Lane, Esq., General Counsel.

Aimee W. Lane

Aimee W. Lane, Esq.,
Director of Contracts Administration

December 2, 2021
Date

ANSWERS TO QUESTIONS RECEIVED THROUGH 10:00 A.M. ON DECEMBER 2, 2021:

Q#5 The work zone limits shown in the MOT drawings for Phase 1 and Phase 2 don't allow for the full depth pavement off the ends of the bridge to be constructed in either phase. This work will require a separate phase. Could the Commission please provide drawings and plan notes regarding how and when this work is to be performed?

A#5 The MOT drawings have been revised to address the indicted issue. Plan Sheets 6, 31, 36, 37, 39 and 40 have been revised and new Plan Sheets 35A, 35B and 35C are included in this addendum.

Q#36 Plan sheets 27/76 and 28/76 show typical sections which call for pavement reconstruction between stations 7+50 and 8+75 as well as 11+34 to 13+50, with pavement resurfacing to take place north and south of these limits. The Maintenance of Traffic plans (sheets 33, 34, 36, and 37) show hatched work areas in both phases 1 and 2. These hatched work areas called out do not include all of the pavement reconstruction areas between 7+50 to 8+50 as well as 11+57 to 13+50, nor do the plan MOT phase sheets or notes say when these omitted areas are to be reconstructed. Please review and revise the Maintenance of Traffic section of the MP 172.9 section of the plans to include provisions for complete pavement reconstruction and transitional resurfacing.

A#36 Please see the response to Q#5.

Q#37 Bid Item 88- Embankment, As Per Plan: please provide calculations and/or breakdown of this quantity per location.

A#37 This question will be addressed in a future addendum.

Q#38 There are existing D walls on OTIC mainline on the outside shoulders below M.P. 172.9 Bridge that are not shown in the plans. Plans show proposed guardrail to be installed, but there are no provisions and/or pay items for removal of existing D walls, removal of existing curbs, shoulder pavement repairs, and maintenance of traffic protection required to perform the work. Addendum 1 shows providing portable barrier to protect new median barrier construction per OTIC TCR-1, TCR-2, and TCR-14. Would the outside shoulders not require the same maintenance of traffic protection?

A#38 This question will be addressed in a future addendum.

Q#39 There is no SP304 quantity set up for beneath curb and gutter from station 13+50 to 14+20 typical on sheet 28. Please review and revise bid quantities as needed.

A#39 This question will be addressed in a future addendum.

Q#40 Addendum 1 revised the SP304 quantity for Edgerton Road to be 55 c.y.- the calculations for the berm replacement per sheet 8 typicals come out a lot less than the owner quantity. Please review and revise bid quantities as needed.

A#40 The calculations for SP 304 have been verified and are included as part of this addendum for reference.

Q#41 Addendum 1 prebid question 3 answer refers to OTIC AS-1 standard drawing which calls for SP 304 to be incidental to approach slab bid items. However, the approach slab bid items are ODOT 526 for which the stone base is paid for separately. Please review and revise bid quantities and/or item number as needed.

A#41 This question will be addressed in a future addendum.

Q#42 Plan sheet 37/76 shows removal of existing guardrail, barrier wall, and installation of new guardrail along the outside shoulders of the turnpike. There are no bid items for any of these. Please review and add/revise bid items.

A#42 Pay items and/or quantities for the removal of the existing concrete barrier wall and guardrail will be addressed in a future addendum. Pay items for the new guardrail are shown in the plans as plan reference numbers R-14 and R-16 on the Roadway Estimated Quantity Table on Plan Sheet 29 of 76 as 125 FT and 138 FT respectively.

Q#43 Regarding SP 304 aggregate base quantities at Edgerton bridge, OTIC SCD AS-1 & prebid Q&A #3 state 304 aggregate is incidental to 526 Approach Slab (12") APP. Also, plan sheet 19 states 304 aggregate under abutment slabs is incidental to SP 202 Port Str Rem. Per our takeoff, it appears the plan quantity (55 CY) for Edgerton would include areas under both approach and abutment slabs. Please verify plan quantity for Edgerton.

A#43 The calculations for SP 304 have been verified and are included as part of this addendum for reference.

Q#44 Regarding subgrade compaction and SP 304 aggregate base at SR 21 bridge, no quantities have been included under the approach slab areas. ODOT SCD AS-1-15 does not include provisions for incidental subgrade compaction & 304 aggregate. Please verify plan quantities for SR 21.

A#44 This question will be addressed in a future addendum.

Q#45 Please provide special provision for SP 304.

A#45 Special Provision SP 304 is included as part of this addendum.

Q#46 Bid item 106: The general summary shows 42 shear studs for the E. Edgerton Road Bridge. Plan sheet 21 of 76 indicates that both fascia beams are to receive shear studs. Will the owner please confirm if the quantity of shear studs accounts for both fascia beams?

A#46 *The quantity of sheer studs has been revised to reflect both fascia beams. The revised quantity is reflected on revised Plan Sheet 7 of 76 and is included as part of Addendum 2.*

Q#47 Plan sheet 53 notes state that the deck is non-composite however the 1985 rehabilitation drawings (sheet 18 of 27) indicate that shear studs were installed at that time. Will the owner please confirm if the existing overhead bridge at MP 172.9 has shear studs

A#47 The structure at MP 172.9 does have shear studs installed but only in the areas immediately adjacent to the deck joints. Studs are limited to this area only and thus the structure is considered non-composite.

Q#48 Bid Item 16 - Granular Material, Type B: please provide calculations and/or breakdown of the plan quantity.

A#48 Refer to Plan Sheet 30 of 76 for the quantity for Item 203 - Granular Material, Type B and a description of the locations. The note states that the material is to be placed behind abutments (133 CY) and below the approach slabs (70 CY) per ODOT CMS.

Q#49 Can a 'removal detail' be provided for the existing wingwalls at SR 21?

A#49 The details of the existing wingwalls can be found in the existing plans. As indicated by Note 1 on Plan Sheet 56 of 76, the contractor is to refer to the existing bridge plans for additional details not shown. Note 2 on this same sheet indicates to remove substructure to a minimum of one foot below proposed ground surface. Therefore, a removal detail of the existing wingwalls is not warranted and will not be provided.

Q#50 Plan sheet 37 states to existing concrete barrier along the mainline shoulders, in front of piers 1 & 3. Quantity for the 'Concrete Barrier Removed' item only includes the median 202'. How is this to be paid?

A#50 The quantity for "Concrete Barrier Removed" will be addressed in a future addendum.

Q#51 The existing framing plan (sheet 17 of 27) from the 1985 rehab plans has been excluded. Can this data be provided?

A#51 The framing plan from the 1985 rehabilitation plans is unavailable in the Turnpike's records and thus cannot be provided.

Q#52 Proposed plan sheet 53 of 76 states existing structure is steel beam with non-composite reinforced deck. The 1985 rehab plan sheet 18 of 27 states welded stud shear connectors were placed on new and existing steel beams. Can verification be provided that studs were added under the 1985 rehab project?

A#52 The structure at MP 172.9 does have shear studs installed but only in the areas immediately adjacent to the deck joints. Studs are limited to this area only and thus the structure is considered non-composite.

Q#53 SP 103 Construction Phasing and Time of Completion- Item C gives Contractor access to Turnpike on or about April 4, 2022. Can the contractor begin work up on top of SR 21 prior to that?

A#53 SP 103 has been revised to provide construction access to the Turnpike on or about March 1, 2022.

END OF ADDENDUM NO. 2