OHIO TURNPIKE AND
INFRASTRUCTURE COMMISSION

ADDENDUM NO. 2
ISSUED: JANUARY 12, 2024

PROJECT NO. 43-24-07

SCOPE OF WORK – PART A BRIDGE DECK REPLACEMENT AND REHABILITATION OHIO TURNPIKE OVER LORAIN ROAD M.P. 152.3, BAGLEY ROAD OVER OHIO TURNPIKE M.P. 152.9, SCOPE OF WORK – PART B OHIO TURNPIKE OVER OHIO TURNPIKE RAMP M.P. 152.1, LORAIN COUNTY, OHIO

ISSUED DECEMBER 18, 2023

OPENING DATE: 2:00 P.M. (EASTERN TIME) JANUARY ~~17,~~ 24, 2024

ATTENTION OF BIDDERS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED THROUGH 4:00 P.M. ON JANUARY 12, 2024
AND
MODIFICATIONS TO THE CONTRACT DOCUMENTS

Revised Part A Plan Sheets: 6, 7, 28, 35, 51, 51A, 57, 82 of 86
Revised Part B Plan Sheets: 4, 7, 7A of 26
-AND-
Bid Schedule of Items and Estimated Quantities Worksheet
Reference Nos. 3, 42, 58A, 58B, 60, 83, 87A, 87B, 104, 105, 105A, 106A, 106B, 108, 145A, 148, 149,149A, 150A, and 150B
-AND-
Added Special Provisions SP 525A, SP 516J, and SP 621
-AND-
EXTENSION OF THE BID OPENING TO 2:00 PM ON JANUARY 24, 2024

Issued by the Ohio Turnpike and Infrastructure Commission through Aimee W. Lane, Esq., Director of Contracts Administration.

Aimee W. Lane

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

January 12, 2024
Date

ANSWERS TO QUESTIONS RECEIVED THROUGH 4:00 P.M. ON JANUARY 12, 2024:

Q#2 Will the owner please clarify how and if the damage to the existing steel beam coating is to be repaired, caused by the installation of the load plates, at the MP 152.9 bridge?

A#2 The new load plates for M.P. 152.9 under Reference No. 104 have been revised from Item 513 – Structural Steel Members, Level UF, As Per Plan to Reference No. 106A: Item SP 516G – Replace Expansion Bearing Device, As Per Plan and Reference No. 106B: Item SP 516J – Replace Fixed Bearing Device, As Per Plan. The sandblasting and repainting of previously painted surfaces damaged during the procedure will be per Reference No. 105 Item SP 514A – Field Painting Misc: Paint Repair/Field Touch -Up, As Per Plan. Revisions to the General Summary, Part A Plan Sheet 35 of 86, Bridge - General Notes, Part A Sheet 51A of 86, and Estimated Quantities Worksheet have been provided as part of this Addendum.

Q#3 Will the owner please clarify how and if the damage to the existing steel beam coating is to be repaired, caused by the installation of the bearings & load plates, at the MP 152.1 bridge?

A#3 Due to the possibility of existing lead paint at beams 1 thru 9 and 16 thru 21, the Part B plans have been revised to include new Ref. No. 150A: Item SP 525A – Hazardous Waste Collection, Testing, and Classification, As Per Plan and Ref. No. 150B: Item SP 525A – Lead Paint Removal – Worker/Environmental Protection and Waste Handling, As Per Plan. Payment for removing the existing beam coating will be paid under Ref. No. 150B if the testing under Reference No. 150A reveals the existing paint to be hazardous. Ref. No. 150B will be non-performed if the testing reveals the existing coating to be unhazardous and the coating will be repaired under new Reference No. 145A: Item SP 514A – Field Painting Misc: Paint Repair /Field Touch-up, As Per Plan. Revisions to Part B General Summary, Plan Sheet 4 of 26, Structure General Notes, Plan Sheet 7 of 26, and the Estimated Quantities Worksheet have been provided as part of this Addendum.

Q#13 The description for the Approach Slabs for the Bagley Rd bridge are listed as 12" thick; however on sheet 80 of 86, the depth of the approach slab is shown as 13". Please clarify.

A#13 Approach slab thickness for MP 152.9 Bagley Rd Bridge is 13". The item description on the Part A General Summary, Plan Sheet 35 of 86, has been updated and provided as part of this Addendum. Revisions to the Part A General Summary, Plan Sheet 35 of 86, and Estimated Quantities Worksheet have been provided as part of this Addendum.

Q#14 On sheet 7 of Part A, both Phase 1 & 3 instruct the contractor to "Establish Detours for Phase 1 Ramp Closures". Please confirm that this refers to the singular "Ramp Detour Plan" found on sheet 28 and edit the language on sheet 7 to reflect that.

A#14 Maintenance of Traffic Notes, Part A Plan Sheet 7 of 86, note is revised to state the "Ramp Closure Plan: found on Plan Sheet 28 of 86". Language is added to state only the signs required for eastbound entrance ramp are required for Phase 1 and only the signs for the westbound exit ramp are required for Phase 3. Both ramps shall not be closed at the same time and the signs are not to be in place at the

same time. Revisions to the Maintenance of Traffic Notes, Part A Plan Sheet 7 of 86, have been provided as part of this Addendum.

Q#15 For the ramp detour plan on sheet 28 of Part A, please confirm that the detour signage required for phase 3's closure of the WB 152 Exit Ramp is not required for the detour during phase 1's closure of the EB 152 Entrance Ramp and vice versa.

A#15 See Answer #14.

Q#19 Will the owner please confirm if the quantity of beam ends to be trimmed is correct for the structure at MP 152.3?

A#19 The Structure General Note titled Item SP 529 – Trim Ends of Structural Steel Member, on Part A Plan Sheet 51 of 86, specifies requirements for abutment beam ends to be trimmed. The General Summary on Part A Plan Sheet 35 of 86 provides an estimated quantity of 25 each.

Q#20 MP 152.3 does not show the existing studs at the expansion ends of the beam but the plans state they may be removed. MP 152.9 plans show studs in span 1 to be preserved but fail to show the exiting studs in span 2-4 which also may be removed. Given the lack of information on the existing shear studs and the cost implications of bidding with assumed hand demolition over the beam flanges for these two bridges please provide the existing bridge drawings as soon as possible.

A#20 Existing available plans have been provided as part of Addendum No. 1. Existing shear connection details have been added to Eastbound Removal Details, Part A Plan Sheet 57 of 86. Revised Eastbound Removal Details, Part A Plan Sheet 57 of 86, has been provided as part of this Addendum.

Q#21 Note 2 on ramp detour plan (sh 28 of 86) states detour is related to the Eastbound Turnpike entrance ramp for phase 1. Confirm or provide plan pertaining to the detour required for the closure of Westbound Turnpike exit ramp during phase 3.

A#21 The detour plan on Part A Plan Sheet 28 of 86 is for the Eastbound entrance ramp and Westbound exit ramp. Note 2 on Maintenance of Traffic - Ramp Detour Plan, Part A Plan Sheet 28 of 86, is revised to include the Westbound exit ramp for phase 3. Revised Maintenance of Traffic - Ramp Detour Plan, Part A Plan Sheet 28 of 86, has been provided as part of this Addendum.

Q#22 Note 8 (sh. 34 of 86) states LEO is required at Stearn/Bagley intersection from 7A to 9A for duration of detour. Note requires 2 hours per day. Bagley closure is 180 calendar days. These hours do not appear to be in the LEO bid item quantity. How are these hours at this intersection to be paid? Agency requires 4-hour minimum. Also, is a LEO required 7-days a week?

A#22 The 420 hours for M.P. 152.9 as shown on General Summary, Part A Plan Sheet 35 of 86, includes 60 hours along the Turnpike for overhead work and 360 hours at the Stearns/Bagley intersection, which assumed 2 hours/day, 7 days a week for 180 days. The quantity is revised to include a 4-hour minimum

per day. The correct quantity for Ref. No. 42 is 900 hours, which includes 120 hours for M.P. 152.3 and 780 hours for M.P. 152.9. Revised General Summary, Part A Plan Sheet 35 of 86, and the revised Estimated Quantities Worksheet have been provided as part of this Addendum.

Q#23 Review quantity for bid item 60 - CONDUIT, 4", 725.051. Quantity appears to be overstated for the two runs required in both direction of the median barrier at bridge over Lorian Rd.

A#23 The quantity for Ref. No. 60 is revised to 438 feet. Revised General Summary, Part A Plan Sheet 35 of 86, and the revised Estimated Quantities Worksheet have been provided as part of this Addendum.

Q#24 Both bridge 152.3 and 152.9 have a 514A Paint Repair/Field Touchup bid item. Add 514A bid item for bridge 152.1 for bearing replacement paint repairs.

A#24 See Answers #2 and #3. For M.P.152.3. Ref. No. 87A SP 525A Hazardous Waste Collection, Testing, and Classification, As Per Plan is added to General Summary, Part A Plan Sheet 35 of 86. The note associated with Ref. No. 87A is added to Bridge – General Notes, Sheet 51A of 86. For M.P.152.3. Ref. No. 87B SP 525A Lead Paint Removal – Worker/Environmental Protection and Waste Handling, As Per Plan is added to General Summary, Part A Plan Sheet 35 of 86. The note associated with Ref. No. 87B is added to Bridge General Notes, Part A Plan Sheet 51A of 86. Revised General Summary, Part A Plan Sheet 35 of 86, Bridge – General Notes, Part A Plan Sheet 51A of 86, and the revised Estimated Quantities Worksheet have been provided as part of this Addendum.

Q#25 Plan note (sh. 82 of 86) at bridge 152.9 states proposed load plates to be painted per 514A and paid under item 513 Level UF. This bridge also has a 514A Paint Repair/Field Touchup bid item. If not for the field paint of the proposed bearing load plates, what scope is included under the 514A item? Clarify note.

A#25 See Answer #2. Plan note on Bearing Details, Part A Plan Sheet 82 of 86, is revised. Ref. No. 104 is removed from the General Summary on Part A Plan Sheet 35 of 86. The revised General Summary, Part A Plan Sheet 35 of 86, Bearing Details, Part A Plan Sheet 82 of 86, and the revised Estimated Quantities Worksheet have been provided as part of this Addendum.

Q#26 Can the anchors for the proposed Type II Fence on the Bagley Rd Bridge parapet be drilled and grouted?

A#26 Anchors shall be per OTIC Standard Drawing CL-2.

Q#27 Note 1 on sheet 9 of 26 for the MP 152.1 structure states that no dead loads are to be superimposed onto the existing overhang. Does this note apply to both Phase 1 & 3 or only to Phase 1?

A#27 Note 1 applies to Phase 1 existing overhang as shown on Part B Plan Sheet 9 of 26.

Q#28 Will the Turnpike Commission consider removing the requirement for the temporary lateral bracing shown for the mainline structures? These temporary lateral braces are only typically used on deep girders to prevent oil canning from loads generated by overhang jacks. Both mainline bridges have rolled beams with depths 3' or less, and all of the intermediate diaphragms will remain in place throughout construction so there should be no apparent need for the temporary lateral bracing. Please note that requiring these temporary lateral braces as shown in the plans will add substantial cost to this project.

A#28 Temporary lateral bracing as shown in the plans on Part A Plan Sheet 67 of 86 is required.

Q#29 Will the Turnpike Commission consider extending the bid date for this project one or two weeks to allow bidders enough time to review any answers to a forthcoming addendum? As it stands, potential bidders would have less than a week to review a future addendum and make the necessary adjustments to their bids as well as coordinate any potential changes of scope with subcontractors and suppliers bidding the project.

A#29 The Bid Opening Date has been extended from 2:00 P.M. (Eastern Time) January 17,2024 to 2:00 P.M. (Eastern Time) January 24, 2024.

Q#30 In the proposed resurfacing areas, there are existing marker castings that will need removed. There are no items or notes provided for the removal or replacement of these castings. How will these be paid?

A#30 Quantities for the removal and replacement of the raised pavement markers have been added to the plans. A note has been added to General Notes, Part A Plan Sheet 6 of 86, for the removal and replacement of the raised pavement markers. Ref. No. 58A, SP 621, Raised Pavement Marker with a quantity of 54 Each and Ref. No. 58B, Raised Pavement Marker Removed with a quantity of 54 Each are added in the plans. Revised General Notes, Part A Plan Sheet 6 of 86, General Summary, Part A Plan Sheet 35 of 86, and the revised Estimated Quantities Worksheet have been provided as part of this Addendum.

Q#31 Will the OTIC permit closing the EB exiting and entering ramp traffic for the phase 1&3 outside deck placements at MP 152.1?

A#31 Ramp traffic shall be maintained as detailed and stated in the plans.

Q#32 Add approach slab removed pay item for Part B, ramp bridge at 152.1

A#32 Per Removal Details on Part B Plan Sheet 11 of 26, approach slab removals are included with Item SP 202 – Portion of Structures Removed, As Per Plan for payment.

Q#33 The current bid tab has items for full depth repairs. Item 255 is for concrete removal and replacement. Please advise where the concrete pavement is? All existing information provided shows full depth asphalt.

A#33 To be answered in a future Addendum.

Q#34 Can the requirements for the use of a MTD per SP400 be waived on this project due to the phasing and small quantities?

A#34 The requirement for the use of an MTD per SP 400 will be waived for this project.

Note: The Bid Opening Date has been extended from January 17, 2024, at 2:00 PM until January 24, 2024, at 2:00 PM.

END OF ADDENDUM NO. 2