OHIO TURNPIKE AND
INFRASTRUCTURE COMMISSION

ADDENDUM NO. 1
ISSUED: OCTOBER 2, 2023

PROJECT NO. 59-23-02

EXIT 34 RAMP RECONSTRUCTION MILEPOST 34.9 FULTON COUNTY, OHIO

ISSUED SEPTEMBER 14, 2023

OPENING DATE: 2:00 P.M.(EASTERN TIME) OCTOBER 5, 2023

ATTENTION OF BIDDERS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 P.M. ON SEPTEMBER 29, 2023

MODIFICATIONS TO THE CONTRACT DOCUMENTS
Plan Sheets 21 and 23 of 93
-AND-
Bid Schedule of Items and Estimated Quantities Worksheet
Reference Nos.: 14 and 77

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

October 2, 2023
Date

<u>ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 P.M. ON OCTOBER 2, 2023</u>:

Q#1 Item 206 – Cement Stabilized Subgrade note on plan sheet 6 references a bid item for Item 206 – Mixture Design for Chemically Stabilized Soils. Please clarify if there should be a bid item for the mix design, or if the cement mixture rate is to be the 5% as referenced in the Item 206 – Cement note on the same plan sheet.

A#1 Item 206 – Cement plan note included on Plan Sheet 6 of 93, is merely to state that the Item 206 – Cement quantity shown in the plans was generated based on an assumed 5% mixture rate. However, the actual mixture rate is to be determined by the Contractor per ODOT Supplement 1120 as described in the Item 206 - Cement Stabilized Subgrade Note on Plan Sheet 6 of 93.

*Plan Sheet 21 of 93 has been reviewed and revised to include **Item 206 - MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS**. The Estimated Quantities Worksheet has been revised to include Reference No. 77, **Item 206 - MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS, Quantity of 1, unit of LUMP**. Revised Plan Sheet 21 of 93 and the revised Estimated Quantities Worksheet have been included with this Addendum No. 1.*

Q#2 Where a pavement marking shall occur over a surface which has previously experienced removals of markings, there is an inevitable deepening of the pavement texture. Will this be defined to constitute excessive gouging, grooving or roughness?

A#2 The Contractor shall bid on the Project as presented in the Plans and Specifications. Prior to commencing construction, the Contractor may submit for review and acceptance by the Chief Engineer alternate equipment that the Contractor believes complies with the intent of Special Provision SP 614C – Removal of Pavement Marking. The Contractor shall be prepared to demonstrate the alternate equipment, prior to commencing construction, to show that the intent of the Special Provision can be satisfied, including but not limited to, the ability to minimize gouging of pavement previously exposed to a pavement marking removal processes.

Q#3 The UHP pump shall be capable of delivering a minimum of sixteen (16) gpm while operating at 36,000 psi. Our Largest Trucks (we have four of this size) our are Rated at just <u>12 Gallons Per minute at 36,000 PSI.</u> But the nozzle sizes we use are <u>*smaller*</u> as are best suited for the energy desired for removal of markings without damaging the pavement. This spec is conflicted with itself in that it limits the blast width to one inch wider than the marking. This spec, taken as written, requires 16 Gallons Per Minute through 16 nozzles. That is 1 gpm per nozzle at 36,000 PSI. trained on a 4" line width. (Even with 1" extra blast on unprotected virgin pavement on each side of the marking, this is a destructive force such as the turnpike has never seen on its roads, or water-blasting would have never been permitted.)

A#3 See response to Q#2.

Q#4 The truck shall have a hydrostatic drive, independent of the truck transmission, capable of infinitely varying the forward speed of the truck during paint removal from zero (0) to seven (7) mph. We own and operate the most common design of these machines currently in use in the industry. Our trucks are capable of speeds 0-5.6 Mph. Are our trucks going to be allowed to work on this project or other turnpike projects as we have been the past 16 years ?

A#4 See response to Q#2.

Q#5 A vacuum truck, vacuum sweeper or similar device capable of collecting the paint chips, water and other debris from the roadway shall follow(ours is simultaneous) removal of the paint
markings to collect debris. This items seems redundant as the removal truck already performs the vacuuming of the debris and water.

A#5 See response to Q#2.

Q#6 The spray head shall contain a minimum of 16 nozzles. It is not possible to run 16 Gallons Per Minute through sixteen nozzles unless the nozzles are the same size used in concrete demolition. This requirement would negate the ability to remove the marking without hurting the pavement surface.
The equipment shall be capable of removing a minimum of 3000 linear feet per hour (This seems to negate the requirement of moving 7 mph 37,000 Feet Per hour while removing markings) of stripping four inches (4) to six inches (6) inches in width.

A#6 See response to Q#2.

Note:

*Plan Sheets 21and 23 of 93, have been reviewed and revised to include wording for Item 606, GUARDRAIL, TYPE MGS WITH LONG POSTS **(STEEL)**. The Estimated Quantities Worksheet has been revised for Reference No. 14, Item Description, to read GUARDRAIL, TYPE MGS WITH LONG POSTS **(STEEL)**. Revised Plans Sheets 21 and 23 of 93, and the Estimated Quantities Worksheet has been included with this Addendum No. 1.*

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END OF ADDENDUM NO. 1