



**OHIO TURNPIKE AND
INFRASTRUCTURE COMMISSION**

ADDENDUM NO. 3

**PROJECT NO. 43-18-02
BRIDGE DECK REPAIR AND REHABILITATION
PERRYSBURG-HOLLAND ROAD OVER THE OHIO TURNPIKE, M.P. 59.0
HESSVILLE ROAD OVER THE OHIO TURNPIKE, M.P. 84.4
LUCAS AND SANDUSKY COUNTIES, OHIO**

**OPENING DATE:
FURTHER EXTENDED TO 2:00 P.M. (EASTERN TIME), MAY 24, 2018**

ATTENTION OF BIDDERS IS DIRECTED TO:

**QUESTIONS RECEIVED THROUGH 12:00 PM ON MAY 21, 2018
-AND-
REVISIONS TO PLAN SHEETS 9 OF 47
-AND-
REVISIONS TO THE BID SCHEDULE OF ITEMS REF. NOS. 58, 60, AND 61**

Issued by the Ohio Turnpike and Infrastructure Commission on May 21, 2018 by Anthony D. Yacobucci, Chief Engineer, and Mark R. Musson, Director of Contracts Administration.


Anthony D. Yacobucci 5/21/18
Date


Mark R. Musson 5/21/18
Date

ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 PM ON MAY 21, 2018:

Q#5 Would the OTIC consider Class QC2 concrete for the bridge superstructures and abutment slabs in lieu of Class HP4 concrete? Ready-mix concrete suppliers in this region are more confident producing Class QC2.

A#5 Class QC2 concrete is acceptable as a replacement for Class HP4 concrete at no additional cost to the Commission. Where appearing throughout the Contract Documents "Class HP 4 Concrete" is supplemented with "or Class QC2 Concrete" through this Addendum No. 3. All applicable provisions of Item 511 of the Specifications shall apply except as modified in SP 511B for both HP4 and QC2.

Q#18 There is no PCB setup for EB/WB to protect the traveling public from pier footer excavation, crane pile driving, and other pier work at MP59.0 Bridge. Could the OTIC add a bid item for Portable Concrete Barrier?

A#18 The amount of PCB required during construction is determined by the Contractor based on ODOT/OTIC standard drawings and/or as approved by the Engineer in the field. Payment shall be included with item 614 Maintaining Traffic, Lump Sum. The Commission revises Plan Sheet No. 9 of 47 to clarify the payment for this item through this Addendum No. 3.

Q#20 Sheet 9/47 Item 630 Signing Misc.: Additional Signs Ground Mounted, As Directed by the Engineer shows a quantity of 16 SF. The bid item and sheet 3/47 show 16 EA. Which is the correct unit of measure to bid this item?

A#20 The correct unit of measure is EACH. The Commission revises Plan Sheet No. 9 of 47 through this Addendum No. 3.

Q#21 Are pile points/shoes required due to the piling being driven to refusal on bedrock? If so, please add a bid item for this.

A#21 No, pile points are not required for installation of the H-piles

Q#22 The structures on this project are 25 miles apart. Is the Turnpike going to require one field office location for this project or two?

A#22 One (1) field office is required.

Q#23 Could the OTIC property located just west of South Reynolds Rd be utilized for Field Office on this project?

A#23 Yes, a limited space is available for a field office near the salt dome at Toll Plaza 59.

Q#24 SP 103 discusses schedule on the project. Part D allows for a maximum 200 day closure. Part C allows the contractor to restrict lanes on mainline starting February 18, 2019 which is the earliest we would shut down the Perrysburg Holland Bridge. Part E defines substantial completion date as 9/1/19. Could Part E be extended to 9/5/19 to allow for the 200 calendar days of bridge closure construction?

A#24 The Commission extends the schedule as requested and revises SP 103 Parts E and F through this Addendum No. 3 as follows:

*E. Substantial Completion: The Work shall be substantially complete by **September 5, 2019**. Substantially completed shall mean all Work, as described in the Contract Documents, excluding punch list items, have been completed including that all Local Roads and the Turnpike roadway (all traffic lanes and shoulders) are open to traffic, as well as all traffic control and safety devices in place and approved by the Chief Engineer. Liquidated damages for failure to substantially complete the Work described in Part E herein shall commence on **September 6, 2019**.*

*F. Final Completion: All Punch List items for this Project shall be completed in strict accordance with the Plans, Specifications, Special Provisions, and other Contract Documents by **October 5, 2019**. Liquidated damages for failure to meet the Final Completion Date shall commence on **October 6, 2019**.*

Receipt of Addendum No. 3

Project No. 43-18-02 is hereby acknowledged:

(Firm Name) _____

(Signature) _____

(Printed Name) _____

(Date) _____

**BIDDERS MUST RETURN THE ABOVE ACKNOWLEDGEMENT
OF RECEIPT OF ADDENDUM NO. 3 WITH THEIR BID.**

MAINTENANCE OF TRAFFIC SEQUENCE:

THESE PLANS ARE BASED ON THE FOLLOWING SUGGESTED SEQUENCE OF CONSTRUCTION.

PERRYSBURG-HOLLAND ROAD AND HESSVILLE ROAD SHALL BE CLOSED TO THROUGH TRAFFIC AND DETOURED ACCORDING TO THE PLANS. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVES AND ACCESS ROADS AT ALL TIMES DURING THE PROJECT UNLESS OTHERWISE AUTHORIZED BY THE CHIEF ENGINEER. DETOURS SHALL NOT BE PLACED INTO EFFECT UNTIL THE CONTRACTOR IS READY TO COMMENCE WORK.

MAINTAINING TRAFFIC

GENERALLY, THE CONTRACTOR SHALL CONDUCT OPERATIONS AS TO COMPLETE THE PROPOSED IMPROVEMENT WITH A MINIMUM OF HAZARD, DELAY AND INCONVENIENCE TO THE MOTORISTS USING THE FACILITIES AFFECTED BY THE WORK DONE UNDER THIS CONTRACT.

ALL TEMPORARY TRAFFIC CONTROL ON THE TURNPIKE MAINLINE SHALL BE IN ACCORDANCE TO THE OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION STANDARD DRAWINGS.

THE CONTRACTOR'S RESPONSIBILITY TO THE SAFETY OF THE MOTORING PUBLIC WHILE PERFORMING THE REQUIREMENTS OF THE CONTRACT SHALL BE IN ACCORDANCE WITH THESE TEMPORARY TRAFFIC CONTROL PLANS, THE SPECIFICATIONS AND SPECIAL PROVISIONS, THE CURRENT EDITION, LATEST REVISION OF THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (OMUTCD), IN ADDITION TO THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, THE FOLLOWING SPECIFIC PROVISIONS ARE MANDATORY.

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE ALL TRAFFIC CONTROL DEVICES AS PER SP 614 MAINTAINING TRAFFIC, AND THE DETOUR PLANS INCLUDING BARRICADES AND SIGNS IN ACCORDANCE WITH THE OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION (OTIC) STANDARD DRAWINGS AND OHIO DEPARTMENT OF TRANSPORTATION (ODOT) STANDARD CONSTRUCTION DRAWINGS AND THE OMUTCD. DETOUR SIGNS AND SUPPORTS SHALL BE ERECTED AND MAINTAINED BY THE CONTRACTOR.

I. NOTIFICATION

IN ADDITION TO THE NOTIFICATION REQUIREMENTS OF SP 614, THE CONTRACTOR SHALL INCLUDE THE FOLLOWING LOCAL AUTHORITIES.

PERRYSBURG-HOLLAND ROAD

MAUMEE POLICE STATION 109 E. DUDLEY STREET, MAUMEE, OH 43537
419-897-7040
TOLEDO POLICE DEPARTMENT, 525 NORTH ERIE, TOLEDO, OH 43604
419-245-3340
LUCAS COUNTY SHERIFF, 1622 SPIELBUSCH AVENUE, TOLEDO OH 43604
419-213-4908

MAUMEE FIRE STATION #1, 220 ILLINOIS AVENUE, MAUMEE, OH 43537
419-897-7057
TOLEDO FIRE STATION #11, 4820 AIRPORT HIGHWAY, TOLEDO, OH 43604
419-936-3550

LUCAS COUNTY ENGINEER, 1049 SOUTH MCCORD ROAD, HOLLAND, OH 43528

MAUMEE CITY SCHOOLS, 716 ASKIN STREET, MAUMEE, OH 43537
419-893-3200
TOLEDO PUBLIC SCHOOLS, 1609 NORTH SUMMIT STREET, OH 43604
419-671-0001

TOLEDO AREA REGIONAL TRANSIT AUTHORITY, 1127 WEST CENTRAL AVENUE, TOLEDO, OH 43610

HESSVILLE ROAD

SANDUSKY COUNTY SHERIFF, 2323 COUNTRYSIDE DRIVE, FREMONT, OH 43420 419-332-2613

LINDSAY FIRE DEPARTMENT, 238 SOUTH MAIN STREET, LINDSEY, OH 43442 419-665-2321

SANDUSKY COUNTY ENGINEER, 2500 WEST STATE STREET, FREMONT OH 43420 419-334-9731

FREMONT CITY SCHOOLS, 1100 NORTH STREET, FREMONT, OH 43420 419-332-7352

II. LANE CLOSURE

ALL LANE CLOSURES SHALL BE IN ACCORDANCE WITH SP 614, THE OMUTCD AND APPLICABLE OTIC/ODOT STANDARD DRAWING(S).

OTIC TEMPORARY TRAFFIC CONTROL PHASE DATES, LANE REDUCTION TIME LIMITATIONS, AND LIQUIDATED DAMAGE CLAUSES ARE CONTAINED IN THE FOLLOWING SPECIAL PROVISIONS:

- SP 103, CONSTRUCTION PHASING AND TIME OF COMPLETION
- SP 104, ACCESS TO TURNPIKE AND RESTRICTIONS
- SP 107, TIME OF ESSENCE - LIQUIDATED DAMAGES

III. MAINTENANCE OF TRAFFIC SYSTEMS

A. WHEN REQUIRED

WHENEVER ANY PART OF THE TRAVELED SURFACE IS BEING WORKED UPON OR IS OTHERWISE NOT SUITABLE FOR SAFE AND CONVENIENT USE BY VEHICLES, TRAFFIC CONTROL DEVICES SUFFICIENT TO PROTECT SUCH AREAS TO ASSURE THE SAFE AND CONVENIENT PASSAGE OF VEHICULAR TRAFFIC SHALL BE INSTALLED AND MAINTAINED. SUCH TRAFFIC CONTROL DEVICES AND THE MANNER IN WHICH THEY ARE USED SHALL BE CONSISTENT WITH THESE PLANS, SP 614, THE OMUTCD OR AS SHOWN IN THE OTIC/ODOT STANDARD DRAWING(S). THE TRAFFIC CONTROL DEVICE SYSTEM SHALL CONSTITUTE THE MINIMUM PROVISIONS FOR TRAFFIC CONTROL FOR EACH PARTICULAR SITUATION. WHENEVER THE ENGINEER DEEMS IT NECESSARY ESPECIALLY WHERE A GRADE, CURVE, OR MERGE CONDITIONS EXISTS, HE/SHE MAY DIRECT THAT ADDITIONAL OR ALTERNATIVE DEVICES BE USED.

B. CONDITIONS

DURING ALL PARTS OF THIS PROJECT, FLAGGERS, SIGNING, BARRICADES, FLASHING ARROWS, ETC. SHALL BE LOCATED AS INDICATED IN THE OMUTCD OR AS SHOWN IN THE OTIC/ODOT STANDARD DRAWING(S).

C. ADVANCE WARNING SIGNS

ALL ADVANCE WARNING SIGNS FOR ANY CONDITION WHICH RESTRICTS TRAFFIC SHALL BE ERECTED BEFORE ANY SUCH RESTRICTION IS PUT INTO EFFECT. ALL SUCH SIGNS SHALL BE COVERED OR REMOVED FROM THE VIEW OF TRAFFIC WHENEVER THEY ARE NOT APPLICABLE.

D. FLASHING ARROW REQUIREMENT

WHENEVER ANY PART OF THE TRAVELED SURFACE IS CLOSED, THE MOTORISTS SHALL BE WARNED AND DIRECTED BY THE CONTRACTOR THROUGH THE USE OF ONE FLASHING ARROW FOR EACH LANE CLOSED. ADDITIONALLY, THE PROVISIONS SET FORTH IN SP 614, THE OMUTCD AND THE APPLICABLE OTIC/ODOT STANDARD DRAWING(S) SHALL BE MET.

E. FLAGGERS

THE CONTRACTOR SHALL FURNISH ADDITIONAL FLAGGERS AS DIRECTED BY THE ENGINEER.

F. MAINTENANCE OF TRAFFIC CONTROL ZONES

THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE SIGNS, DRUMS AND TEMPORARY PAVEMENT MARKINGS AT THE LOCATIONS DETAILED IN THE PLANS OR SPECIFIED IN THE OTIC/ODOT STANDARD DRAWINGS. THE CONTRACTOR SHALL IMMEDIATELY CORRECT ANY DEFICIENCY IN TRAFFIC ZONE ALIGNMENT, EQUIPMENT, NUMBER OF DEVICES OR PROCEDURE OF FLAG PERSONS WHICH IS BROUGHT TO HIS/HER ATTENTION BY THE ENGINEER.

G. FAILURE TO COMPLY

IF THERE IS ANY FAILURE TO COMPLY WITH PROVISIONS FOR TRAFFIC CONTROL SET OUT IN THESE PLANS AND NOTES, OR WITH THE PROVISIONS OF SP 614, THE OMUTCD, OR AS SHOWN IN THE OTIC/ODOT STANDARD DRAWING(S), THE HIGHWAY IN THE VICINITY OF THE WORK AREA SHALL NOT BE CONSIDERED IN A CONDITION FOR THE SAFE AND CONVENIENT USE BY THE TRAVELING PUBLIC. ANY FAILURE TO KEEP THE HIGHWAY, IN THE VICINITY OF THE WORK AREA, IN A CONDITION FOR THE SAFE AND CONVENIENT USE BY THE TRAVELING PUBLIC SHALL BE CONSIDERED A BREACH OF THIS CONTRACT. WORK SHALL BE SUSPENDED UNTIL THE CONTRACTOR COMPLIES WITH THE PROVISIONS OF THE AFOREMENTIONED ITEMS.

IV. MAINTENANCE OF TRAFFIC MATERIALS

A. SIGNS

SIGN DIMENSIONS AND SPECIFICATIONS, INCLUDING LETTER SIZES SHALL BE AS PROVIDED IN THE OMUTCD, OR IN OTIC/ODOT STANDARD DRAWING(S). THE SIGNS SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER PRIOR TO THE START OF THE PROJECT.

B. GUARDRAIL DELINEATION

GUARDRAIL DELINEATION SHALL CONSIST OF AKT CORPORATION MODEL 567 ONE-WAY DELINEATORS INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS. THE DELINEATORS SHALL BE SPACED 100' (MIN), WITH ALL GUARDRAIL RUNS HAVING NO LESS THAN TWO (2) DELINEATORS (ONE DELINEATOR ON THE BEGIN AND ONE ON THE END OF THE GUARDRAIL RUN)

PAYMENT FOR GUARDRAIL DELINEATION SHALL BE INCLUDED WITH ITEM SP 614 MAINTAINING TRAFFIC. SUCH PAYMENT SHALL INCLUDE PROVIDING, INSTALLING, MAINTAINING, REPLACING DAMAGED DELINEATORS AND REMOVING, AS SPECIFIED, FOR THE ABOVE SAID GUARDRAIL DELINEATION.

C. TEMPORARY PORTABLE BARRIERS

ALL TEMPORARY PORTABLE BARRIER PROVIDED FOR MAINLINE TEMPORARY TRAFFIC CONTROL WILL BE AS PER SP 622. THE SAME BARRIER CAN BE USED FOR THE VARIOUS PHASES. THE COST FOR PROVIDING, TRANSPORTING, INSTALLING, MAINTAINING, REMOVAL AND STORING THE TEMPORARY PORTABLE BARRIER FOR EACH PHASE SHALL BE INCLUDED IN THE ORIGINAL LUMP SUM COST FOR ITEM SP 614 MAINTAINING TRAFFIC.

THE CONTRACTOR SHALL REPLACE ANY DAMAGED TEMPORARY PORTABLE BARRIER WITHIN 24 HOURS OF A DAMAGING IMPACT.

D. PAYMENT

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH SP 614, AS SHOWN IN THE OTIC/ODOT STANDARD DRAWING(S), ODOT CONSTRUCTION & MATERIAL SPECIFICATION (C&MS) AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OMUTCD. PAYMENT FOR MAINTENANCE OF TRAFFIC ITEMS, UNLESS OTHERWISE SPECIFIED SEPARATELY, SHALL BE PAID FOR UNDER THE LUMP SUM BID FOR ITEM SP 614 - MAINTAINING TRAFFIC, WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THE WORK AS DETAILED IN THE PLAN.

NOTICE OF CLOSURE SIGNS

NOTICE OF CLOSURE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST TWENTY-ONE (21) DAYS IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. THE SIGNS SHALL BE ERECTED ON THE RIGHT HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. THEY SHALL BE ERECTED AT THE POINT OF CLOSURE. THE SIGNS SHALL REMAIN IN PLACE UNTIL THE ROADWAY IS REOPENED TO TRAFFIC.

THE NOTICE OF CLOSURE SIGNS SHALL BE IN ACCORDANCE WITH ITEM 614 AND ODOT SIGN DESIGNS AND MARKINGS MANUAL. EXCEPT THE LAST LINE SHALL READ "OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION".

ROAD WILL BE CLOSED XX-XX-XX FOR XX DAYS

W20-H14
60" X 36"

CONTINUOUS ACCESS

THE CONTRACTOR SHALL MAINTAIN SAFE AND ADEQUATE DRIVEWAYS AND WALKWAYS IN ORDER TO PROVIDE CONTINUOUS ACCESS FOR PASSENGER VEHICLES, TRUCKS, AND SAFETY EQUIPMENT TO ALL ADJOINING PROPERTIES.

THE COST FOR ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO PROVIDE CONTINUOUS ACCESS SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR SP 614 MAINTAINING TRAFFIC.

COVERING OF GROUND-MOUNTED SIGNS- GENERAL

WHEN REQUIRED BY OTHER ITEMS OR INCIDENTALLY TO SP 614 MAINTAINING TRAFFIC, COVER EXISTING GROUND-MOUNTED SIGNS WITH PLYWOOD OR OSB BLANKS (1/2" MINIMUM THICKNESS) COVERING 80% OF THE SIGN AREA AND ALL OF THE SIGN LEGEND. THE USE OF LOW QUALITY MATERIALS SUCH AS DUCT TAPE AND BLACK PLASTIC IS NOT PERMITTED.

ITEM 630 - SIGNING MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER

WHEN ADDITIONAL SIGNING IS NEEDED TO MAINTAIN TRAFFIC, THE CONTRACTOR SHALL FURNISH THE SIGN OR SIGNS AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE GROUND MOUNTED AND MEET ALL THE SPECIFICATIONS OF THE PLAN, PROPOSAL AND CURRENT YEAR CMS.

PAYMENT FOR THIS ITEM SHALL INCLUDE, BUT NOT BE LIMITED TO, THE COST TO FURNISH AND ERECT THE SIGN, INCLUDING DRIVING POSTS OR OTHER APPROVED METHODS OF SIGN SUPPORT, MAINTAINING THE SIGN AND REMOVAL OF THE SIGN. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 630, SIGNING MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER..... 16 EACH

ITEM 614 - REPLACEMENT SIGN

FLAT SHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE CHIEF ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE IN USED, BUT GOOD, CONDITION SUBJECT TO APPROVAL BY THE CHIEF ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT SIGN, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 614, REPLACEMENT SIGN..... 5 EACH

OTCC0007MN001.dwg: 5/18/18 - 6:30pm

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION
PROJECT 43-18-02
DATE: 01/29/18
M.P. 59.0 AND M.P. 84.4
LUCAS AND SANDUSKY COUNTY
MAINTENANCE OF TRAFFIC NOTES
DESIGNED: ALT DRAWN: ALT
CHECKED: TLR IN CHARGE: RCH
NO. 1
REVISED: ADDENDUM 3
BY DATE: RCH 5/18
DESIGN AGENCY: Mantis Group
OHIO TURNPIKE