



**OHIO TURNPIKE AND
INFRASTRUCTURE COMMISSION**

ADDENDUM NO. 1
ISSUED MAY 14, 2021

PROJECT NO. 58-21-02
NEW MAINLINE TOLL PLAZA FACILITY
UTILITY BUILDINGS, TOLL BOOTHS & CANOPIES
MILEPOST 211
TRUMBULL COUNTY, OHIO

TOLL BOOTH RENOVATION
MILEPOST 239
MAHONING COUNTY, OHIO

OPENING DATE: 2:00 P.M. (EASTERN TIME), MAY 20, 2021

ATTENTION OF BIDDERS IS DIRECTED TO:
ANSWERS TO QUESTIONS RECEIVED THROUGH 1:00 P.M. ON MAY 14, 2021

Plan Sheets: C102, C111, C112, C115, C116, C119, S104, P401, P207, E102, E103, E111, E112, E113, E118, E120, E122, E123, E130, E131, E132, E133, E134, I104, I105, I106, I124, I125, I126, I127, I128, I129, I130, I131 AND TD101

Specifications: SP 103

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

Jennifer L. Stueber, Esq.,
General Counsel

May 14, 2021
Date

ANSWERS TO QUESTIONS RECEIVED THROUGH 1:00 P.M. ON MAY 14, 2021:

Q#1 Has the engineer's estimate been adjusted due to the current marketplace conditions with the skyrocketing pricing of steel, lumber, and labor shortages?

A#1 The Engineer's Estimate is based on current market conditions.

Q#2 We don't see the necessity of the interim dates E and F listed in SP-3. Please advise how someone arrived at these dates. These dates are useless because all of the work has to be done by October. These dates are restrictive, and we ask for them to be removed or point out how they have been derived and the specific reason.

A#2 The Interim Date for SP 103 Part E - 2022 Mainline Pedestrian Bridge Completion Interim Milestone was developed to coordinate between the OTIC 39-20-03 and OTIC 58-21-02 Projects to install the span 2 of the Pedestrian Bridge Structure Over Mainline prior to the implementation of restrictive MOT Phasing by the OTIC 39-20-03 Project. Interim Date for SP 103 Part F - 2022 Concrete Flatwork Completion Interim Milestone was developed to coordinate between OTIC 39-20-03, OTIC 58-21-02 and the Toll Collection Systems Integrator Projects to have concrete flatwork complete for follow up asphalt paving on the site and the installation of the Toll Collection System equipment. The OTIC 58-21-02 Contractor should be intimately familiar with the OTIC 39-20-03 Contract Documents to fully understand coordination needs between Contracts. In an effort to ease some of the restrictions, we have revised SP 103, which is included with this Addendum No. 1.

Q#3 Are the Panel Built Toll Booths approved in their entirety for Project 58-20-01?

A#3 As an approved industrialized unit structure, the Panel Built Toll Booths may be used on any site in Ohio per their approval under the Ohio Industrial Compliance Division Industrialized Unit Section and per the Ohio Building Code.

If the toll booths are constructed at the Project site, Specification 13 34 23, paragraph 1.5 A. 3. (Fabricator shall be registered under the State of Ohio's Industrialized Unit Program as overseen by the State of Ohio's Board of Building Standards) will not apply. However, the other three provisions of Fabricator Qualifications will remain applicable to the Project.

Q#4 What is the sequencing of rebuilding booths 1-4 at MP 239? Can we reconstruct them all at one time?

A#4 No, the Contractor shall only work on one toll booth at a time and comply with SP 104 and Toll Lane Availability Requirements. Each toll booth is to be 100% complete and fully commissioned for complete toll collection operation prior to moving to another toll booth so that the toll booth can be 100% functional for toll collection operations. Please see A#5 for additional details.

Q#5 Are there any time constraints with the booths being reconstructed at MP 239?

A#5 Yes, this Addendum revises Plan Sheet C102 (14) to add the TP 239 Toll Lane Availability Requirements. Also, it is assumed the Contractor can begin this work on November 29, 2021 and shall be finished before the Special Provision SP 103D date of March 15, 2022. All lanes shall be open and back in full operation for the start of Project 39-20-04 2022 Construction Season.

Q#6 At MP 239, can we work in the closed lane using the existing lane gates without any other MOT devices?

A#6 Yes.

Q#7 Will there be any State of Ohio building inspections required for the booth rebuilds at MP 239 since they have already been installed?

A#7 The renovation of toll booths at TP 239 will be permitted through and inspected by the Ohio Division of Industrial Compliance.

Q#8 The booths at MP state that the doors are to be salvaged. Can you be more clear on the details of the doors being salvaged? Which parts are salvaged, and what is new?

A#8 This Addendum revises Plan Sheet TD101 (224 of 236) to remove and replace the doors and hardware in their entirety.

Q#9 Are the duct covers to be replaced at the MP 239 booths between the booth and the canopy?

A#9 Yes, the metal panels surrounding the duct drops on the MP239 booths are to be replaced from top of booth up to underside of canopy. New trim pieces shall be provided between the new metal panels and the existing canopy soffit.

Q#10 Will the dark bronze accent stripe need to be field painted on Booth 1-4 at MP 239?

A#10 There will be no bronze stripe replicated on the new metal panels.

Q#11 For any lane closures or rolling roadblocks to erect the pedestrian bridge, will 58-21-02 be able to use the MOT signage from the 39-20-03A/B project to avoid any overlap in signage?

A#11 For Rolling Roadblocks, the PCMB signage existing from the OTIC 39-20-03 Project may be utilized by the 58-21-02 Contractor if the signage is already in place. For Lane Closures, Access, and all other support for the Rolling Road Blocks, the 58-21-02 Contractor is responsible as per SP 614.

Q#12 Are there any permit fees required for this project?

A#12 The Commission will pay all the Building Permit Fees. Fees for Industrialized Unit approval for the toll booths will be the responsibility of the toll booth vendor.

Q#13 Pages S-002, 004, and 005 discuss structural steel inspections and schedules. Are these for reference to the pedestrian bridge only? Please clarify.

A#13 Inspections are required for all listed elements in the scope of the Project. The notes on Plan Sheets S-002 (35/236), S-004 (37/236), and S-005 (38/236) are not in reference to the Pedestrian Bridge, they are for building structural only. The Pedestrian Bridge requirements can be found in the Pedestrian Bridge Plans (B-sheets (48-59 of 236)) and the Specifications.

Q#14 Do the exterior galvanized and structural steel canopy columns get painted? If so, which product and color are specified?

A#14 Yes, the colors are called out on canopy elevations on Plan Sheet A205 (78/236).

Q#15 Page 206, detail 1 describes the painting. Please clarify the product and color.

A#15 Please clarify question as Plan Sheet I123 (206 of 236) is the Westbound Back Gate Equipment drawing and does not contain any information or notes about painting.

Q#16 Please review the drawing scales (at least on the plumbing drawings) as they are incorrect on each drawing.

A#16 This Addendum revises Plan Sheets P207 (124 of 236) and P401 (127 of 236) to correct the scale bar.

Q#17 Detail 8 is shown to be on sheets E132 and E134. No detail 8 is shown on either drawing. Please clarify.

A#17 This Addendum revises Plan Sheet E102 (150 of 236) to revise the reference callout and Plan Sheet E134 (182 of 236) to add Detail 8/E134.

Q#18 On sheet E102, is Duct 2/E133 coming from the secondary building?

A#18 Yes, this duct bank is shown entering the east side of the secondary building.

Q#19 On sheet E103 there is a duct bank shown as 6/E130 between the transformer pad and CT Cabinet. No detail 6/E130 shows up on sheet E130. Please clarify.

A#19 This Addendum revises Plan Sheet E130 (178 of 236) to add Detail 6/E130, a 6-way duct bank.

Q#20 On sheet E103 there are duct bank sections 6/E134 and 7/E134 shown at booths. No duct banks 6 & 7 are shown on sheet E134. Please clarify.

A#20 This Addendum revises Plan Sheet E134 (182 of 236) to add Details 6/E134 and 7/E34.

Q#21 Is there are Lightning Protection for the Eastgate MP 211 Scope of work?

A#21 Yes, refer to Plan Sheets E114 (162 of 236) and E115 (163 of 236), and Specification Section 26 41 13.

Q#22 SP-514A, Field Painting of Existing Structures There are no existing structures on this project. Does this specification belong in this project?

A#22 This Special Provision SP 514A shall be used on the toll booth renovation work at Toll Plaza 239.

Q#23 Will excess dirt/embankment generated from the project be wasted on the property without any charges or fees?

A#23 The 58-21-02 Contractor may waste excess dirt/embankment at no additional cost in one of the OTIC 39-20-03 Project waste areas that are being utilized at the time of this Work.

Q#24 If allowed, will the contractor need to add this to the SWPPP, or will it be covered under the site contractor's plan?

A#24 The SWPPP Requirements are provided on Plan Sheet C102 (14 of 236). The 58-21-02 Contractor shall provide the 39-20-03 Contractor a plan of the new SWPPP work as required by the OTIC 58-21-02 Project. The 39-20-03 Contractor will update the overall SWPPP Plans for the OTIC 39-20-03 Project as required.

Q#25 Note 7 on sheet E102 indicated conduit is by 39-20-01 contractor for camera pole. Is the electrical contractor only required to pull communication and power wiring for cameras along lane 12?

A#25 This Addendum revises Plan Sheets E102 (150 of 236), E103 (151 of 236) and I106 (189 of 236) to remove all power conduits and power wiring to the DVAS Cameras. Yes, the 58-21-02 Contractor is only required to pull the CAT6 wire when the 39-20-03 Contractor is installing the conduit.

Q#26 Note 7 appears at camera poles at lanes 16 & 20. However, the dark lines would be indicated that the conduit is by the electrical contractor. Please verify.

A#26 This Addendum revises Plan Sheet E102 (150 of 236) to remove Plan Note 7 from the camera pole at lane 20. The conduit and wire to this camera pole as detailed on Plan Sheet I106 (189 of 236) and is included in the 58-21-02 Contract. The conduit to the camera pole at lane 16 shall be provided by the 39-20-03 Contractor per note 7 on Plan Sheet E102 (150 of 236).

Q#27 Are the existing pullboxes along lane 12 tied together? If not, how is the camera on the left to get power and communication wiring?

A#27 The 39-20-03 Contractor is providing a pathway as shown on Plan Sheet I119 (202 of 236) from the camera Pole to J2 Zone Controller Cabinet located in the concrete island adjacent to lane 17. Also, see response to Q #25.

Q#28 On sheet E102, the conduit going to the intercom shows a 4" & a 3" conduit for communications, which is correct?

A#28 This Addendum revises Plan Sheet E102 (150 of 236) to remove the 3" conduit reference. The conduit routed to the intercom shall be a 4" conduit.

Q#29 Will the 58-21-02 contractor need to work with the toll collection integrator during the construction of our contract?

A#29 Yes, there will be coordination as defined in Specification Section 011000.

Q#30 Who coordinates the integrator contractor?

A#30 Specification Section 011000, Part 1.0211 Contract Summary and Joint Responsibilities clearly identifies the multiple Contract coordination responsibilities.

Q#31 Is it the desire of the OTIC to have the Toll Plaza fully operational by the October 3 date?

A#31 No, the intent of the Commission is expressed in the SP 103 Milestone Dates regarding Project 58-21-02. For additional information, please see response to Q #2. We have revised SP 103, which is included with this Addendum No. 1.

Q#32 The March 16 milestone date (SP-103 E) is unrealistic, especially when ODOT recognizes that the winter shutdown period is December through April 1. Please add more time to this milestone and the entire project.

A#32 There is no shutdown period for the 58-21-02 Project. The Work for this Contract will need to continue year-round to meet the Project Milestone Dates detailed in SP 103. These Milestone Dates were based on the need to coordinate the multiple interacting Contracts. For additional information, please see response to Q #2. We have revised SP 103, which is included with this Addendum No. 1.

Q#33 For the pedestrian bridge, please provide a cofferdam and excavation bracing item.

A#33 No cofferdam and excavation bracing work is anticipated on this Project. If the Contractors means and methods requires cofferdams or excavation bracing, the Contractor shall include such costs in the respective bid item.

Q#34 The island details on sheets C115 and C116 do not match the labeling of the lanes on sheets C113 and C114. Please review and revise to ensure the islands correctly identify as either EB or WB and are numbered correctly to eliminate this confusion.

A#34 This Addendum revises Plan Sheets C115 (27 of 236) and C116 (28 of 236) to correctly identify the EB or WB direction in the Island Detail Titles.

Q#35 A Type K joint is noted on sheet C111 but does not appear to be called out anywhere on the pavement drawings or details. Please remove this note if not needed or identify where these joints are to be placed on the drawings.

A#35 This Addendum revises Plan Sheets C111 (23 of 236) and C112 (24 of 236) to provide the location of the Type K joints.

Q#36 Do the galvanized canopy columns get field painted? If painted, please provide paint color and product.

A#36 See response to Q #14.

Q#37 Where are the cameras getting power from? All that is shown is a 4" communications conduit. If power is required, which is shown in the detail on sheet I106, what size conduit and wire is needed?

A#37 See response to Q #25.

Q#38 Should there be a duct bank going between the electrical and communication pull boxes shown coming from the building going to the toll booths?

A#38 The duct bank running between toll booths will include both power and communications conduits per Plan Sheets E130 (178 of 236) through E134 (182 of 236). The power conduits will terminate in a "power" pullbox and the communication conduits will terminate in "communications" pullboxes as shown on the electrical site plans.

Q#39 On sheet E111, there are (2) note #8's, which refer to a conduit to pull box. Where is the pull box located? Or is note #8 on the left side of the toll booth the pull box?

A#39 This Addendum revises Plan Sheet E111 (159 of 236) to remove the note #8 on the left-hand side of the toll booth. The pull box as referenced in note #8 is shown on Plan Sheet I121 (204 of 236) Detail 1. The pull box is located just right of the toll booth.

Q#40 Page S-110, Note 3, references preloading the site for three months. This is an obscure note that should be made more prevalent.

A#40 The preloading period will be completed by September 1, 2021.

Q#41 Please clarify “preloading.” What is expected by the 58-21-02 Contractor and its responsibilities for this preloading?

A#41 See response to Q #40.

Q#42 Please advise when this period starts and when the three months is over.

A#42 See response to Q #40.

Q#43 Does this “preloading” occur on both sides of the project?

A#43 Yes.

Q#44 Does the “preloading” affect the Contractor on our start date of September 1?

A#44 No.

Q#45 What size are the bollards around the phone post showed on page C119, 31 of 236?

A#45 This Addendum revises Plan Sheet C119 (31 of 236) to provide the 4” bollard label.

Q#46 Please clarify if the structural steel inside the canopies is to be galvanized or not.

A#46 Per Note 5 on S104 (105 of 236), only exposed steel needs to be galvanized.

Q#47 Please clarify if LED sign supports are required at the WB canopy.

A#47 LED signs for WB lanes are on the gantry.

Q#48 Does the pedestrian bridge have to have the concrete deck placed before erection as indicated in the plans? The concrete adds 85,000# to the erection.

A#48 Yes, per the plan requirements, the bridge and bridge enclosure shall be complete prior to being lifted into place over the mainline Turnpike. Lane closures will not be available due to Project 39-20-03 Temporary Traffic Patterns.

Q#49 Do you require the end spans of the pedestrian bridge to have the decks placed before erection?

A#49 No, the decks do not have to be paced before erection. However, the deck needs to be poured prior to installing framing, roof decking, siding, and roofing materials.

Q#50 A note on sheet C114 indicates that the 58-21-02 contractor “should expect embankment work”. To accurately calculate this quantity, please provide the subgrade elevation in which the 58-21-02 contractor should expect the entire site to be at upon beginning construction. Please confirm that the 58-21-02 contractor’s subgrade work is limited to canopy/building foundations, drainage, and utilities.

Q#50 The Note on C114 states that “the OTIC 58-21-02 Contractor is responsible for embankment and topsoil.” Plan Sheet C-114 also states that, “Dashed line represents Contract 39-20-03 Construction. OTIC 39-20-03 to construct earthwork to bottom of subgrade and extend at 1.56% to proposed ditch. The OTIC 58-21-02 Contractor should expect embankment work.” The 39-20-03 Contract documents have been provided and corresponding cross sections for 39-20-03 Part B can be found on sheets 22 through 58 of the 39-20-03 Part B plans. Secondly, Pavement Elevation Details can be found on sheet 59 through 62 of the 39-20-03 Part B plans. The extents of subgrade work is generally depicted on Plan Sheets G-007, C-104 and C-105 of the 58-21-02 plans in which the 58-21-02 Contractor is responsible for remaining earthwork beyond the elevations provided by the 39-20-03 Contractor.

Q#51 While it is acknowledged that the gantry trusses cannot be erected until after the pedestrian bridge is erected, it is unclear as to if the foundations can/will already be installed prior to pedestrian bridge erection. These foundations may interfere with crane placement for erection. Coordination of this work, as well as island work, will be significant. It would likely be more seamless if the 58-21-02 contractor poured these foundations. Please review and provide a resolution to this issue to ensure bridge erection will not be negatively impacted by the gantry trusses or foundations.

A#51 The 58-21-02 Contractor shall plan for the Gantry foundations to be installed by the 39-20-03 Contractor prior to the 58-21-02 Contractor erecting the Pedestrian Bridge. The Means and Methods are to be considered by the 58-21-02 Contractor for the Pedestrian Bridge Erection. As a note, the 58-20-01 Contractor for TP 49 successfully erected the Pedestrian bridge with the Gantry foundations in place and poured the corresponding island after erection.

Q#52 Plan page C107 shows (3) bores under the Turnpike. E-102 and E103 show that the 39-21-01 contractor supplies one of the bores? What is the spacing between the bores? Can they be drilled in that same bore pit?

A#52 The Commission will respond to this question in Addendum No. 2.

Q#53 Which contractor pays for the bore pit installation and removal? What type of material is the 4” casing pipe?

A#53 The Commission will respond to this question in Addendum No. 2.

Q#54 Spec section 101400, 2.3 describes the illuminated OTIC sign for the exterior of the building. Can you please provide a manufacturer of this sign?

A#54 The Commission will respond to this question in Addendum No. 2.

Q#55 On page A110, the drawing shows a camera pole in the centerline of the median on the pedestrian bridge. Who is responsible for the camera pole and installation? Does this pole get mounted before the bridge is erected?

A#55 The Commission will respond to this question in Addendum No. 2.

Q#56 What work on the center span of the pedestrian bridge anticipated after it is erected?

A#56 The Commission will respond to this question in Addendum No. 2.

Q#57 Page A503 details 1/A503 and 4/A503 show an expansion joint, hinged floor plate on the bridge, and building side on the plan page. Please provide more details and give the manufactures contact information for this product.

A#57 The Commission will respond to this question in Addendum No. 2.



APPROVED EQUALS CHART:

The following are modifications to the Approved Equals Chart for this Project with the issuance of Addendum No. 1:

<u>COMPANY NAME</u>	<u>PRODUCT</u>	<u>SPECIFICATION</u>	<u>APPROVAL</u>	<u>Addendum</u>
Scranton Products	Duralife Lockers	105113	Approved	1

In addition to the Plan Sheets that required revisions or were added to the Contract Documents due to the questions answered in Addendum No. 1, the remaining Plan Sheets not identified within the answers to Addendum No. 1, whether revised or added, are included with this Addendum No. 1 and incorporated into this Contract.

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. 1