

OHIO TURNPIKE COMMISSION

ADDENDUM NO. 1

CONTRACT NO. 59-13-01
REPAIRS AND RESURFACING
EASTBOUND AND WESTBOUND ROADWAYS
MILEPOST 27.5 TO MILEPOST 38.9
FULTON COUNTY, OHIO

OPENING DATE: 2:00 P.M. (E.S.T.), DECEMBER 21, 2012

ATTENTION OF BIDDERS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 P.M., DECEMBER 14, 2012

MODIFICATIONS TO THE CONTRACT DOCUMENTS

MODIFICATIONS TO SPECIAL PROVISIONS

Pages SP-78 and SP-79

MODIFICATIONS TO THE PLAN SHEETS

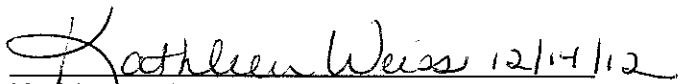
Plan Sheet 6 of 14

Issued by the Ohio Turnpike Commission December 14, 2012. Issuance authorized by Robin Carlin, Deputy Executive Director and Kathleen Weiss, General Counsel



Robin Carlin

12/14/12
Date



Kathleen Weiss

12/14/12
Date

**OHIO TURNPIKE COMMISSION
ADDENDUM NO. 1
CONTRACT NO. 59-13-01**

ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 P.M., DECEMBER 14, 2012

Q#1 Will the OTC allow steel wall systems as a substitute for the SP622A Portable Concrete Barrier Wall?

A#1 Yes, a portable steel barrier system and construction Specification have been added as "Option 2" in the Materials and Construction Requirements under subsections B and C, respectively, of the Special Provisions Section SP 622 – Concrete Portable Barrier via this Addendum No. 1.

Q#2 Article 12.2, Builder's Risk, states that we need Builder's Risk when required by the contract. Will this contract require Builder's Risk Insurance?

A#2 Builders Risk is not a requirement for this Project.

Q#3 Please verify the bid quantity for ref. 21 "SP404 Surface Course P64-22". It appears based on plan calculations that the bid quantity is 500 cy +/- below plan quantity.

A#3 Plan Sheet 6 of 14 has been revised via this Addendum No. 1 to provide additional clarity to the determination of the estimated quantity for Ref. No. 21. The quantity listed is approximate and intended as the estimated quantity to be provided without the need for a Change Order.

MODIFICATIONS TO THE CONTRACT DOCUMENTS

The following changes are made to the Contract Documents for Contract No. 59-13-01:

Modifications to the Special Provisions via Addendum No. 1

Deletions are shown with strikethrough text.

Changes/Additions are shown with ***bold italicized*** text.

(Bidders are advised to utilize the attached replacement pages).

The first paragraph and a new second paragraph of Subsection B of SP 622 PORTABLE CONCRETE BARRIER is revised and inserted as follows:

“B. Materials

Portable Concrete Barrier Option 1: Portable concrete barrier shall be in accordance with this section, applicable portions of ODOT CMS 622 Portable Concrete Barrier and ODOT Standard Drawings RM-4.2 32” Portable Concrete Barrier.

Portable Concrete Barrier Option 2: *A portable steel barrier system comprised of nominally eight (8) gauge thick ASTM A36 pressed steel panels, galvanized prior to assembly. Barrier sections shall be fifty (50) feet long and thirty-two (32) inches in overall height. Base width shall be a minimum of 2.3 feet and a top width of 6.25 inches. The barrier shall have a mountable foot section and have rubber feet fastened to the sections at four (4) foot intervals. A lifting system shall be incorporated into the sections. Installation of the sections shall not impede drainage. The barrier shall be anchored in accordance with the manufacturer’s recommendations to insure that the barrier installation meets the requirements of the NCHRP Report 350 Test Level 3.*”

The first paragraph and a new second paragraph of Subsection C of SP 622 PORTABLE CONCRETE BARRIER is revised as follows:

“C. Construction Requirements

The portable concrete barriers, **Option 1 and Option 2**, shall be installed and removed as per Ohio Turnpike Commission Standard Drawing TCB-1 at the locations shown in the Plans and in accordance with the provisions of SP 104.

Portable Concrete Barrier Option 2 shall also be installed in accordance with the design guidance and installation instructions supplied by the manufacturer which shall include detailed arrangements of standard and minimum deflection system, anchoring details and connection to end treatments.”

MODIFICATIONS TO THE PLAN DRAWINGS UNDER CONTRACT NO. 59-13-01, VIA ADDENDUM NO. 1

(BIDDERS ARE ADVISED TO UTILIZE THE ATTACHED REPLACEMENT PAGES).

The following changes are made in Contract No. 59-13-01:

Changes to the Plan Sheets: Additions and deletions are indicated with a cloud and revision triangle thus:



CHANGES TO THE PLAN DRAWINGS:

Plan Sheet 6 of 14

The paving joints on Details A, B and C were revised outwards towards the shoulder to clarify the paving limits.

Receipt of Addendum No. 1 to Contract No. 59-13-01 is hereby acknowledged:

(Firm Name)

(Signature)

(Printed Name)

Date: _____

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SP 622

PORTABLE CONCRETE BARRIER

A Description

This item shall consist of furnishing, transporting, installing, maintaining, resetting and storing portable concrete barrier including end terminals, and all connecting hardware for maintaining traffic in accordance with these Specifications and as shown on the Plans. The portable concrete barrier and associated hardware will be furnished by the Contractor. The Contractor shall supply all tapered end sections for use in the locations shown in the Plans and Standard Drawings. All connecting hardware shall be in accordance with ODOT Standard Drawing RM-4.2. All applicable provisions of Item 622 of the Specifications and SP 104 and SP 614 of these Special Provisions shall apply. Concrete barrier furnished by the Contractor shall be in accordance with ODOT Standard Drawing RM-4.2 or other shape approved by the Chief Engineer. All portable concrete barrier shall be NCHRP-350, test level 3 compliant.

The portable barrier shall have barrier delineators attached to the traffic side at one (1) per each barrier section. The top of the delineator shall be located just below the angle of the barrier face; (approximately nineteen inches (19) inches below the top of the barrier). The delineators shall be oriented so as to face oncoming traffic and shall be in place before the barrier is exposed to traffic. Each delineator shall be installed with a slight backward slant so that the reflective surface is exposed to rain to help keep the delineators clean. The delineators shall be attached with adhesive after the concrete barrier has been cleaned with a steel wire brush to remove loose concrete and/or dirt.

A glare shield shall be attached to the portable concrete barrier as shown on the plans. The glare shield shall be in accordance with the specification Special-Glare Shield.

B. Materials

Portable Concrete Barrier Option 1: Portable concrete barrier shall be in accordance with this section, applicable portions of ODOT CMS 622 Portable Concrete Barrier and ODOT Standard Drawings RM-4.2 32" Portable Concrete Barrier.

Portable Concrete Barrier Option 2: *A portable steel barrier system comprised of nominally eight (8) gauge thick ASTM A36 pressed steel panels, galvanized prior to assembly. Barrier sections shall be fifty (50) feet long and thirty-two (32) inches in overall height. Base width shall be a minimum of 2.3 feet and a top width of 6.25 inches. The barrier shall have a mountable foot section and have rubber feet fastened to the sections at four (4) foot intervals. A lifting system shall be incorporated into the sections. Installation of the sections shall not impede drainage. The barrier shall be anchored in accordance with the manufacturer's recommendations to insure that the barrier installation meets the requirements of the NCHRP Report 350 Test Level 3.*

Glare Shield: See specification Special-Glare Shield

Barrier delineators shall be "Astro Optics Corporation Reflective Delineator series JD-1, Amber" or approved equal.

Adhesive for barrier delineators shall be "Signal Products Epoxy Adhesive" or approved equal.

C. Construction Requirements

The portable concrete barriers, **Option 1 and Option 2**, shall be installed and removed as per Ohio Turnpike Commission Standard Drawing TCB-1 at the locations shown in the Plans and in accordance with the provisions of SP 104

Portable Concrete Barrier Option 2 shall also be installed in accordance with the design guidance and installation instructions supplied by the manufacturer which shall include detailed arrangements of standard and minimum deflection system, anchoring details and connection to end treatments.

Upon completion of the Contract, all portable concrete barrier furnished by the Contractor shall be removed from Turnpike right-of-way.

Barrier sections, which have been damaged by traffic during the life of the Project, shall be replaced as directed by the Chief Engineer. Damaged sections, whether by traffic or during handling, shall be disposed of in accordance with SP 105

Barrier delineators, where possible, shall be cleaned on a monthly basis or as directed by the Chief Engineer to provide maximum effectiveness of the reflectorization.

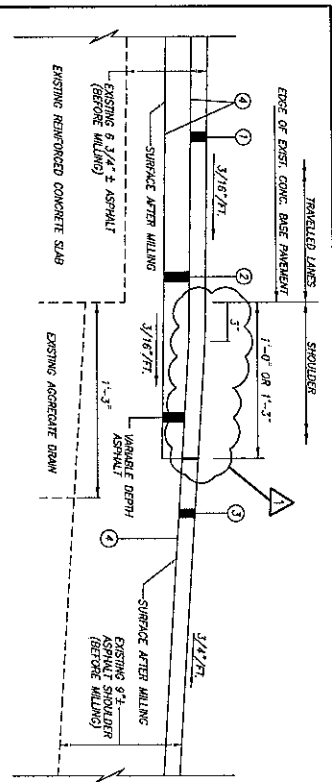
D. Method of Measurement and Payment

Portable concrete barrier shall be paid for as lump sum and include all barrier delineators and replacement delineators during construction. The lump sum price bid shall also include the furnishing, delivery, installation, maintaining, cleaning delineators, moving, transporting, storing, re-setting, as required, removal of the barrier from the Turnpike right of way, complete patching and repair of the pavement at the anchor points, and disposal of damaged barrier sections throughout the term of the Contract. Bridge mounted portable concrete barrier shall also include providing and installing anchors, removal of the anchors, patching of the bridge deck, and weatherproofing the patch area per SP 536.

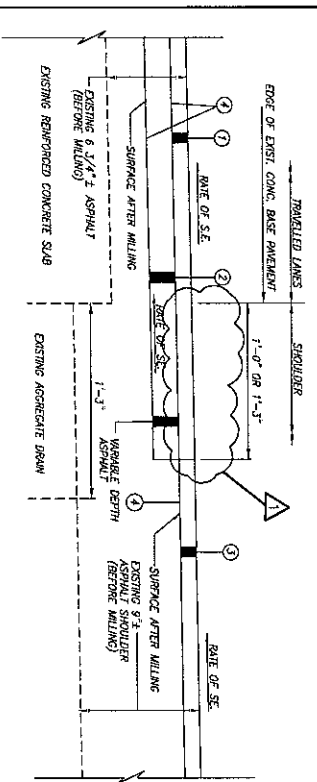
E. Basis of Payment

Payment shall be made at the unit price bid for:

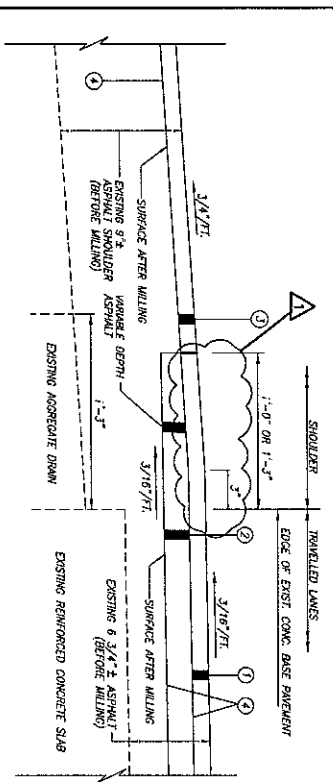
<u>Item</u>	<u>Unit</u>	<u>Description</u>
SP 622	Lump Sum	Portable Concrete Barrier (Furnished by Contractor)
SP 622	Lump Sum	Portable Concrete Barrier, Bridge Mounted (Furnished by Contractor)



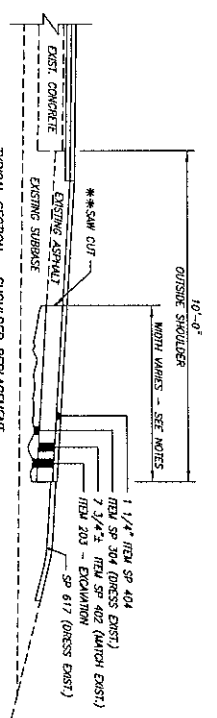
DETAIL 2 - AT OUTSIDE EDGE OF PAVEMENT - NORMAL SECTION



DETAIL 1 - AT OUTSIDE EDGE OF PAVEMENT - SUPERELEVATED SECTION



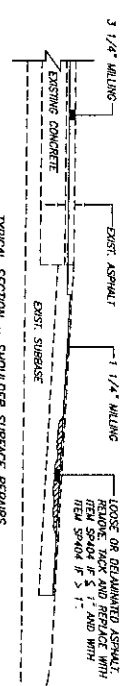
DETAIL 3 - AT INSIDE EDGE OF PAVEMENT - NORMAL SECTION



EXISTING PAVED SHOULDERS THAT HAVE BEEN REMOVED SHALL BE REPAIRED AND REPAIRED, AS DIRECTED BY THE ENGINEER, TO MATCH THE EXISTING SURFACE WITHIN THE WIDTH OF THE SHOULDER. THE REPAIR SHALL BE MADE BY THE ENGINEER AFTER MILLING IS COMPLETE AND PRIOR TO RESURFACING. THE FOLLOWING CONSTRUCTION QUANTITIES HAVE BEEN INCLUDED IN THE PROPOSAL TO BE USED AS DIRECTED BY THE ENGINEER.

- ITEM 204 - EXCAVATION OF SUBGRADE 50 C.Y.
- ITEM 204 - SUBGRADE COMPLETION 222 C.Y.
- ITEM SP 204 - ASPHALT CONCRETE INTERMEDIATE COURSE 25 C.Y.
- ITEM SP 402 - ASPHALT CONCRETE INTERMEDIATE COURSE 50 C.Y.

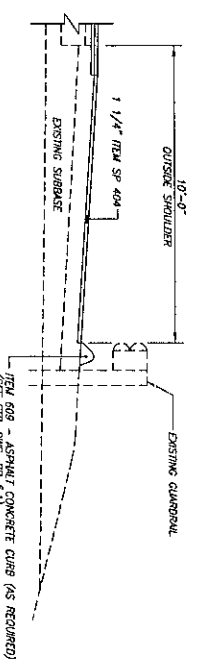
** REMOVE TO A NEAT LINE BY SAW CUTTING OR OTHER APPROVED METHOD (IN ACCORDANCE TO THE PROJECT).



LOOSE OR REMOVED ASPHALT THAT MAY BE PRESENT ON THE PAVED SHOULDER SURFACE AFTER MILLING SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AND IN ACCORDANCE WITH THE ABOVE SECTION PRIOR TO RESURFACING. THE FOLLOWING CONSTRUCTION QUANTITIES HAVE BEEN INCLUDED IN THE PROPOSAL TO BE USED AS DIRECTED BY THE ENGINEER.

- ITEM 204 - PAVEMENT PLANING, ASPHALT COURSE 1,000 S.Y.
- ITEM SP 404 - ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED STONE, PG 64-22 100 C.Y.
- ITEM SP 407 - 1 INCH COAT 100 GAL.

** THIS QUANTITY MAY ALSO BE USED FOR LABELING LOW AREAS IN THE PAVED SHOULDERS INCLUDING THE # UNDERDRAINS THAT MAY HAVE SETTLED AND FOR LABELING LOW AREAS 5' REMAINING OVER THE CONCRETE PAVEMENT AFTER COMPLETION OF THE MILLING OPERATION.



TYPICAL SECTION - CURB REPLACEMENT DETAIL

SEE PREVIOUS SHEET FOR LEGEND AND NOTES

OHIO TURNPIKE COMMISSION		DATE: 1 SEPTEMBER 2012		SCALE: 1" = 12'	
NO.	REVISION	DATE	BY	DATE	BY
ADDENDUM NO. 1		JUN 12/27/12			
MISCELLANEOUS TYPICAL SECTIONS AND DETAILS					