



**OHIO TURNPIKE AND  
INFRASTRUCTURE COMMISSION**

**ADDENDUM NO. 4**

**PROJECT NO. 43-18-03  
BRIDGE DECK REPLACEMENT AND REHABILITATION  
U.S. ROUTE 42 OVER OHIO TURNPIKE, M.P. 161.1  
CUYAHOGA COUNTY, OHIO**

**OPENING DATE:**

PREVIOUSLY EXTENDED TO 2:00 P.M. (EASTERN TIME), DECEMBER 18, 2017

**ATTENTION OF BIDDERS IS DIRECTED TO:**

**ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 PM ON DECEMBER 13, 2017**


**-AND-**


**REVISED PLAN SHEET NO. 4**

**-AND-**

**MODIFICATIONS TO ESTIMATED QUANTITIES FOR REF. NOS. 81**

Issued by the Ohio Turnpike and Infrastructure Commission on December 13, 2017 by Anthony D. Yacobucci, Chief Engineer, and Mark R. Musson, Director of Contracts Administration.

  
Anthony D. Yacobucci      12-13-17  
Date

  
Mark R. Musson      12/13/17  
Date

**ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 PM ON DECEMBER 13, 2017:**

**Q#29 The quantity for Ref #81 – Class HP4 Concrete, Superstructure Deck Slab is overstated. Please verify this quantity.**

*A#29 The quantity for Ref No. 81 as listed in the plans is incorrect. The correct quantity is 424 cubic yards. This Addendum No. 4 revises Plan Sheet No. 4, the Bid Schedule of Estimated Quantities and the Estimated Quantity Worksheet accordingly.*

**Q#30 Can a permanent outside shoulder closure be set up with Portable Barrier Wall for the Pier work? If so, will the Zone Person be required on a 24 hour basis to maintain this shoulder closure?**

*A#30 A permanent outside shoulder closure is permitted as long as it is done in conformance with the contract documents. A Zone Person and Zone Vehicle is required during the entire duration of this closure.*

**MODIFIED CONTRACT DOCUMENTS**

With this Addendum No. 4, the Commission substitutes the enclosed material for the following Contract Document:

Plan Sheet No. 4 of 34 with additions to the Plan Drawings are called out with a cloud and deletions are marked with a revision triangle as thus:



With this Addendum No. 4, the Commission modifies the Bid Schedule of Items for the following Reference Numbers: 81

**Receipt of Addendum No. 4  
Project No. 43-18-03 is hereby acknowledged:**

(Firm Name) \_\_\_\_\_

(Signature) \_\_\_\_\_

(Printed Name) \_\_\_\_\_

(Date) \_\_\_\_\_

**BIDDERS MUST RETURN THE ABOVE ACKNOWLEDGEMENT  
OF RECEIPT OF ADDENDUM NO. 4 WITH THEIR BID.**

**GENERAL SUMMARY**

ITEM	GRAND TOTAL	UNIT	DESCRIPTION
GENERAL			
IB. ART. 6	LUMP	LUMP	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND
SP 614	LUMP	LUMP	MAINTAINING TRAFFIC
SP 619	LUMP	LUMP	FIELD OFFICE
SP 623	LUMP	LUMP	CONSTRUCTION LAYOUT SURVEY
624	LUMP	LUMP	MOBILIZATION
ROADWAY			
201	LUMP	LUMP	CLEARING AND GRUBBING
202	2021	SQ. FT.	WALK REMOVED
202	253	SQ. YD.	APPROACH SLAB REMOVED
202	1478	SQ. YD.	PAVEMENT REMOVED
202	464	FOOT	CURB REMOVED
202	3	EACH	CATCH BASIN REMOVED
202	25	FOOT	PIPE REMOVED, 24" AND UNDER
202	283	FOOT	GUARDRAIL REMOVED
202	3	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED
203	255	CU. YD.	EXCAVATION
203	510	CU. YD.	EMBANKMENT
204	1533	SQ. YD.	SUBGRADE COMPACTION
255	133	FOOT	FULL DEPTH PAVEMENT SAWING
SP 302	129	CU. YD.	ASPHALT CONCRETE BASE, PG64-22
SP 304	266	CU. YD.	AGGREGATE BASE
305	668	SQ. YD.	9" CONCRETE BASE, CLASS QC1
407	75	GAL	TACK COAT
441	26	CU. YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22
441	36	CU. YD.	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)
451	697	SQ. YD.	9" REINFORCED CONCRETE PAVEMENT, CLASS QC1
526	190	SQ. YD.	REINFORCED CONCRETE APPROACH SLABS (T=12")
601	4	SQ. YD.	TIED CONCRETE BLOCK MAT, TYPE 1
605	50	FOOT	6" UNCLASSIFIED PIPE UNDERDRAINS
SP 605	452	FOOT	6" SHALLOW PIPE UNDERDRAINS
606	238	FOOT	GUARDRAIL, TYPE MGS
606	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1
606	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2
606	2	EACH	ANCHOR ASSEMBLY, MGS TYPE B
606	2	EACH	ANCHOR ASSEMBLY, MGS TYPE T
608	2472	SQ. FT.	4" CONCRETE WALK
609	207	FOOT	CURB, TYPE 2A
609	288	FOOT	CURB, TYPE 6
611	4	EACH	CATCH BASIN, NO. 3A
611	2	EACH	MANHOLE, NO. 3
611	33	FOOT	18" CONDUIT, TYPE B
611	50	FOOT	6" CONDUIT, TYPE F
611	2	EACH	PRECAST REINFORCED CONCRETE OUTLET
614	0.53	MILE	WORK ZONE EDGE LINE, CLASS I, 642 PAINT
614	0.12	MILE	WORK ZONE LANE LINE, CLASS I, 642 PAINT
614	0.50	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT
614	990	FOOT	WORK ZONE DOTTED LINE, CLASS I
614	185	FOOT	WORK ZONE CHANNELIZING LINE, TYPE 1, 642 PAINT
614	1	EACH	WORK ZONE ARROW, CLASS I, 642 PAINT
614	4	EACH	WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)
614	360	DAY	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN
614	40	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE
614	0.10	MILE	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE 1
614	0.10	MILE	WORK ZONE EDGE LINE, CLASS I, 740.06, TYPE 1
SP 614C	4540	FOOT	REMOVAL OF PAVEMENT MARKING
616	50	M. GAL.	WATER
SP 622	1305	FOOT	PORTABLE BARRIER, 32"
SP 622	480	FOOT	PORTABLE BARRIER, BRIDGE MOUNTED, 32"
630	20	SQ. FT.	SIGNING, MISC.: ADDITIONAL SIGNS WITH SUPPORTS, AS DIRECTED BY THE CHIEF ENGINEER
638	2	EACH	VALVE BOX ADJUSTED TO GRADE
642	0.21	MILE	EDGE LINE, 4", TYPE 1
642	0.51	MILE	LANE LINE, 4", TYPE 1
642	0.47	MILE	CENTER LINE, TYPE 1
642	675	FOOT	TRANSVERSE/DIAGONAL LINE, TYPE 1
642	40	SQ. FT.	ISLAND MARKING, TYPE 1
642	250	FOOT	CHANNELIZING LINE, 8", TYPE 1
642	8	EACH	LANE ARROW, TYPE 1
642	36	FOOT	STOP LINE, TYPE 1
659	2	EACH	SOIL ANALYSIS TEST
659	40	CU. YD.	TOPSOIL
659	18	SQ. YD.	REPAIR SEEDING AND MULCHING
659	18	SQ. YD.	INTER-SEEDING
659	1	TON	COMMERCIAL FERTILIZER
659	0.1	ACRES	LIME
659	2	M. GAL.	WATER
659	355	SQ. YD.	SEEDING AND MULCHING

**GENERAL SUMMARY**

ITEM	GRAND TOTAL	UNIT	DESCRIPTION
STRUCTURE			
SP 202	LUMP	LUMP	PORTIONS OF STRUCTURE REMOVED
509	200	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL
SP 509	144,529	POUND	EPOXY COATED REINFORCING STEEL, GRADE 60
510	224	EACH	DOWEL HOLES WITH NON-SHRINK, NON-METALLIC GROUT
SP 511B	424	CU. YD.	CLASS HP4 CONCRETE, FOR PRE-PLACEMENT TESTING
SP 511B	80	CU. YD.	CLASS HP4 CONCRETE, SUPERSTRUCTURE DECK SLAB
SP 511B	67	CU. YD.	CLASS HP4 CONCRETE, ABUTMENT SLABS
SP 511B	67	CU. YD.	CLASS S CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT
513	23367	POUND	STRUCTURAL STEEL MEMBERS, CLASS UF
513	7128	EACH	WELDED STUD SHEAR CONNECTORS
SP 514	23,367	POUND	TOTAL SHOP PAINTING - SYSTEM IZEU
SP 516B	1044	FOOT	SEALING OF CONSTRUCTION JOINTS
SP 516G	44	EACH	REPLACE EXPANSION BEARING DEVICE
SP 516J	22	EACH	REPLACE FIXED BEARING DEVICE
518	35	CU. YD.	POROUS BACKFILL WITH FILTER FABRIC
518	156	FOOT	6" PERFORATED CORRUGATED PLASTIC PIPE
518	100	FOOT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS
518	4	EACH	SCUPPERS, INCLUDING SUPPORTS
SP 519	456	SQ. FT.	PATCHING CONCRETE STRUCTURES
SP 519C	8	SQ. FT.	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR
SP 527	1	LUMP	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES
SP 533	142	FOOT	THREE (3) INCH CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT
SP 533A	142	FOOT	1 1/2 INCH ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINTS
SP 536	2260	SQ. YD.	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS
SP 536	775	SQ. YD.	CONCRETE WEATHERPROOFING, SUBSTRUCTURE
601	676	SQ. YD.	CRUSHED AGGREGATE SLOPE PROTECTION
SP 607	428	FOOT	CHAIN LINK SAFETY FENCE, TYPE I

DESIGN AGENCY  
**CDM Smith**

OHIO TURNPIKE

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**GENERAL SUMMARY**  
U.S. ROUTE 42

PROJECT 43-18-03  
DATE: 10/13/17

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DESIGNED: **SMS** DRAWN: **TN**

CHECKED: **JSF** IN CHARGE: **YRY**

NO. REV. 1

REVISIONS: ADDENDUM NO. 4

BY: DATE: **BDM 12/13/17**

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OHIO TURNPIKE

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