

OHIO TURNPIKE AND  
INFRASTRUCTURE COMMISSION

ADDENDUM NO. 1

CONTRACT NO. 59-14-01

REPAIRS AND RESURFACING  
EASTBOUND AND WESTBOUND ROADWAYS  
MILEPOST 43.30 TO MILEPOST 55.45  
LUCAS COUNTY, OHIO

OPENING DATE: 2:00 P.M. (E.S.T.), JANUARY 10, 2014

ATTENTION OF BIDDERS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00 P.M., JANUARY 6, 2014

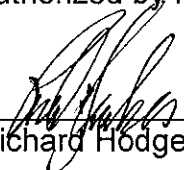
MODIFICATIONS TO THE BID FORM

Pages revised: OTC-BF-2 and OTC-BF-3

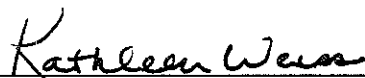
MODIFICATIONS TO THE DRAWINGS

Contract Drawings: Plan Sheets 4, 10 and 11

Issued by the Ohio Turnpike and Infrastructure Commission January 7, 2014. Issuance authorized by Richard Hodges, Executive Director and Kathleen G. Weiss, General Counsel.

  
Richard Hodges

1/7/14  
Date

  
Kathleen G. Weiss

1/7/14  
Date

**OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
ADDENDUM NO. 1  
CONTRACT NO. 59-14-01**

**ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00 P.M., JANUARY 6, 2013**

**Q#1** In reviewing the plan sheet 9/12 suggested sequencing, we are concerned with the constructability staging as shown. Per plans, the outside shoulder is to be milled and paved prior to the drive lane. This sequence causes the outside shoulder to control the surface course thickness for the right side of the drive lane pavement, thus reducing the smoothness quality for the drive lane pavement. Will the OTC waive the smoothness requirements for the drive lane pavement under this scenario?

*A#1 The Contractor shall mill to the depths specified in the Plans, and repave the right lane to match the center line elevation and right shoulder edge. The Contractor shall monitor the right edge of the right lane and, prior to edge rolling, remove/add material to the edge line area to aid in matching edge line. The Commission will not waive the smoothness requirements of SP400S for the paving of the right lane.*

**Q#2** SP254 Pavement Planning Asphalt Concrete- mainline quantities seem to check, but areas where ramps are at MP 52 seem to be roughly 200% more than what I am figuring. Can the OTC provide clarifications for the pavement quantity calculation summaries for this item?

*A#2 The following revisions to the quantities are made via this Addendum No. 1 to the Bid Form Page OTC-BF-2 and Plan Sheet 11 of 12:*

*The quantity for Item No. 254, PAVEMENT PLANING, ASPHALT CONCRETE (T=2"), has been reviewed and revised from ~~667,907~~ Sq Yd to **652,307** Sq. Yd.*

*The quantity for Item No. SP 403, ASPHALT CONCRETE LEVELING COURSE, USING CRUSHED STONE, PG 70-22 (FR), has been reviewed and revised from ~~5,684~~ Cu. Yd. to **5,466** Cu. Yd.*

*The quantity for Item No. SP 404, ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22 (FR), has been reviewed and revised from ~~17,038~~ Cu. Yd. to **16,393** Cu. Yd.*

*As provided in IB 2.8.1, the quantities are approximate, and are intended to be the maximum quantity to be provided without the need for a Change Order.*

**Q#3** Similar to SP254, 617 Comp Aggregate, does not provide enough typical detail information to provide accurate takeoffs. (e.g. thickness or plan length). Can the

**OTC provide clarifications for the pavement quantity calculation summaries for this item?**

A#3 *The following revisions to the quantities are made via this Addendum No. 1 to the Bid Form Page OTC-BF-3 and Plan Sheet 11 of 12:*

*The quantity for Item No. 617, COMPACTED AGGREGATE has been reviewed and revised from ~~3,000~~ Cu. Yd. to **5,400** Cu. Yd.*

*Additionally, the quantity for Item No. 617, SHOULDER PREPARATION has been reviewed and revised from ~~65,000~~ Sq. Yd. to **64,600** Sq. Yd.*

*The revised quantities are based on the field measurement of 193,660 linear feet at a width of three (3) feet and an approximate thickness of three (3) inches. As provided in IB.2.8.1, the revised quantities are approximate, and are intended to be the maximum quantity to be provided without the need for a Change Order.*

### **MODIFICATIONS VIA ADDENDUM NO. 1 TO THE CONTRACT DOCUMENTS FOR CONTRACT NO. 59-14-01**

The following changes are made to the Contract Documents for Contract No. 77-13-01:

#### **MODIFICATIONS TO THE BID FORM**

Deletions are shown with ~~strikethrough~~ text

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

#### **Page OTC – BF – 2**

The Estimated Quantities for Ref. Nos. 14, 17 and 20 are modified as follows as follows:

Under Ref. No. 14, Item 254, PAVEMENT PLANNING, ASPHALT CONCRETE (T=2”), the Approx. Quantity has been revised from ~~667,907~~ to **652,307** SQ. YD.

Under Ref. No. 17, Item SP 403, ASPHALT CONCRETE LEVELING COURSE, USING CRUSHED STONE, PG 70-22 (FR), the Approx. Quantity has been revised from ~~5,684~~ to **5,466** CU.YD.

Under Ref. No. 20, Item SP 404, ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22 (FR), the Approx. Quantity has been revised from ~~47,038~~ to **16,393** CU YD.

#### **Page OTC – BF – 3**

The Estimated Quantities for Ref Nos 40 and 41 are modified as follows as follows:

Under Ref. No 40, Item 617, SHOULDER PREPARATION, the Approx. Quantity has been revised from ~~65,000~~ to **64,600** CU YD.

Under Ref. No. 41, Item 617, COMPACTED AGGREGATE, the Approx Quantity has been revised from 3,000 to **5,400** SQ YD.

## MODIFICATIONS TO THE PLAN DRAWINGS

### Modifications to the Plan Drawings

Deletions in Plan Notes are shown with ~~strikethrough~~ text.

Changes/Additions in the Plan Notes are shown with ***bold italicized*** text.

Additions and deletions on Plan Drawings are indicated with a cloud and revision triangle thus:



### Plan Sheet 4 of 12

Plan Note 3 has been revised as follows: "RAMP AND SHOULDER RESURFACING LIMITS ARE APPROXIMATE AND MAY BE ADJUSTED AS DIRECTED BY THE CHIEF ENGINEER. RAMP WIDTH FOR WB ACCEL AND EB DECEL VARIES FROM 12' TO ~~34'~~ ***28'*** WITHIN RAMP LIMITS. RAMP WIDTH FOR WB DECEL AND EB ACCEL VARIES FROM 12' TO ~~44'~~ ***34'*** WITHIN RAMP LIMITS."

### Plan Sheet 10 of 12

The figure in the "SIGN LEGEND FOR PHASE" has been revised to correct the markings depicted.

### Plan Sheet 11 of 12

The quantity for Item 254, PAVEMENT PLANNING, ASPHALT CONCRETE (T=2") has been revised from ~~667,907~~ Sq. Yd. to **652,307** Sq. Yd.

The quantity for Item SP 403, ASPHALT CONCRETE LEVELING COURSE, USING CRUSHED STONE, PG 70-22 (FR) has been revised from ~~5,684~~ Cu. Yd. to **5,466** Cu. Yd.

The quantity for Item SP 404, ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22 (FR) has been revised from ~~47,038~~ Cu. Yd. to **16,393** Cu. Yd.

The quantity for Item 617, SHOULDER PREPARATION has been revised from ~~65,000~~ Sq. Yd. to **64,600** Sq. Yd.

The quantity for Item 617, COMPACTED AGGREGATE has been revised from ~~3,000~~ Cu. Yd. to **5,400** Cu. Yd.

**(BIDDERS ARE TO UTILIZE THE REPLACEMENT PAGES FURNISHED WITH THIS ADDENDUM).**

Receipt of Addendum No. 1 to Contract No. 59-14-01 is hereby acknowledged:

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

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

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

Date: \_\_\_\_\_

**CONTRACT NO. 59-14-01  
 BID FORM**

Revised through Addendum No. 1

Ref. No.	Item No.	Item Description	Approx. Quantity	Unit	Unit Cost	Extended Amount Bid
<b>CONTRACT 59-14-01 (Ref. Nos. 1-58)</b>						
1	IB. ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1	LUMP		
2	SP 120	VERTICAL CLEARANCE DOCUMENTATION	1	LUMP		
3	202	GUARDRAIL REMOVED FOR SALVAGE, TYPE 5	2,000	FOOT		
4	SP 202B	CRACK REPAIR, 1" OR LESS, USING SAND ASPHALT	20	CU.YD.		
5	SP 202B	CRACK REPAIR, 1" OR LESS, USING HOT JOINT SEALER	4,000	GALLON		
6	SP 202B	CRACK REPAIR, WIDER THAN 1" AND LESS THAN 1" IN DEPTH, USING ITEM SP 404 (PG 64-22)	20	CU.YD.		
7	SP 202B	CRACK REPAIR, WIDER THAN 1" AND GREATER THAN 1" IN DEPTH, USING SP 402 (PG 64-22)	30	CU.YD.		
8	SP 202B	3 CORNER CRACK REPAIR, USING ITEM SP 402 (PG64-22)	50	CU.YD.		
9	SP 202B	REPAIR EXISTING EXPANSION JOINT, USING ITEM SP 404 (PG64-22)	20	CU. YD.		
10	SP 202B	LONGITUDINAL CRACK REPAIR	50	CU. YD.		
11	204	EXCAVATION OF SUBGRADE	383	CU.YD.		
12	204	EMBANKMENT	50	CU.YD.		
13	204	SUBGRADE COMPACTION	1,250	SQ.YD.		
14	254	PAVEMENT PLANING, ASPHALT CONCRETE (T=2")	<del>667,907</del> <b>652,307</b>	SQ.YD.		
15	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, AS PER PLAN	1,067	SQ.YD.		
16	SP 304	AGGREGATE BASE	267	CU.YD.		
17	SP 403	ASPHALT CONCRETE LEVELING COURSE, USING CRUSHED STONE, PG 70-22(FR)	<del>5,684</del> <b>5,466</b>	CU.YD.		
18	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE, USING CRUSHED STONE, PG 64-22	1,800	CU.YD.		
19	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED STONE, PG 64-22	14,326	CU.YD.		
20	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22(FR)	<del>17,038</del> <b>16,393</b>	CU.YD.		
21	SP 404A	JOINT SEALER, AS PER PLAN	125,981	FOOT		
22	SPECIAL	TRACKLESS TACK	84,140	GALLON		
23	SP 451	FULL DEPTH PAVEMENT REPAIRS (ASPHALT)	1,000	SQ.YD.		
24	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS	9,467	SQ.YD.		
25	SP 536	CONCRETE WEATHERPROOFING, PARAPETS	5,284	SQ.YD.		

O T C B F - 2

**CONTRACT NO. 59-14-01  
 BID FORM**



Revised through Addendum No. 1

Ref. No.	Item No.	Item Description	Approx. Quantity	Unit	Unit Cost	Extended Amount Bid
26	604	CATCH BASIN, ADJUSTED TO GRADE, LESS THAN 4", AS PER PLAN	5	EACH		
27	604	CATCH BASIN, ADJUSTED TO GRADE, 4" - 12", AS PER PLAN	5	EACH		
28	604	CATCH BASIN, ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN	5	EACH		
29	604	CATCH BASIN, GRATE AND CASTING, AS PER PLAN	5	EACH		
30	SP 605	AGGREGATE DRAINS, TYPE II	3,000	FOOT		
31	606	GUARDRAIL ADJUSTED TO 29" HEIGHT	1,000	FOOT		
32	606	GUARDRAIL, TYPE 5, USING STEEL POSTS	2,000	FOOT		
33	606	GUARDRAIL REBUILT, TYPE 5, USING STEEL POSTS	2,000	FOOT		
34	609	ASPHALT CONCRETE CURB, TYPE I, PG 64-22	200	FOOT		
35	SP 614	MAINTAINING TRAFFIC, AS PER PLAN	1	LUMP		
36	SP 614	ZONE PERSON	3,600	HOURS		
37	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, AS PER PLAN	60	CU.YD.		
38	614	WORK ZONE EDGE LINE, CLASS 1, 740.02 TYPE 1	50.90	MILE		
39	614	WORK ZONE EDGE LINE, CLASS 1, 740.06 TYPE 1	4,748.00	FOOT		
40	617	SHOULDER PREPARATION	<del>65,000</del> <b>64,600</b>	SQ.YD.		
41	617	COMPACTED AGGREGATE	<del>3,000</del> <b>5,400</b>	CU.YD.		
42	617	WATER	50	M. GAL.		
43	619	FIELD OFFICE, AS PER PLAN	1	LUMP		
44	621	RAISED PAVEMENT MARKERS REMOVED	1,740	EACH		
45	624	MOBILIZATION	1	LUMP		
46	SP 626	RAISED PAVEMENT MARKERS, STIMSONITE MODEL 101 LPCR	1,094	EACH		
47	SP 627	STONE SHOULDER PROTECTION	1,000	TON		
48	SP 641C	REMOVAL OF PAVEMENT MARKINGS	78.25	MILE		
49	642	6" WHITE LANE LINE, TYPE 1	26.30	MILE		
50	642	6" WHITE EDGE LINE, TYPE 1	27.55	MILE		
51	642	6" YELLOW EDGE LINE, TYPE 1	27.55	MILE		
52	642	12" WHITE CHANNELIZING LINE, TYPE 1	3,200	FOOT		
53	642	WHITE DOTTED LINE, 6" WHITE, TYPE 1	2,000	FOOT		
54	SP 802	BARRIER REFLECTOR, TYPE A (WHITE)	400	EACH		
55	SP 802	BARRIER REFLECTOR, TYPE B (YELLOW)	400	EACH		

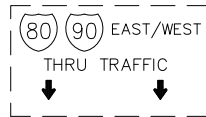
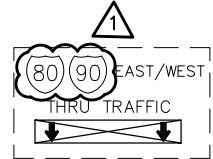

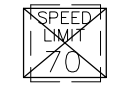

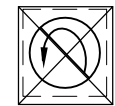


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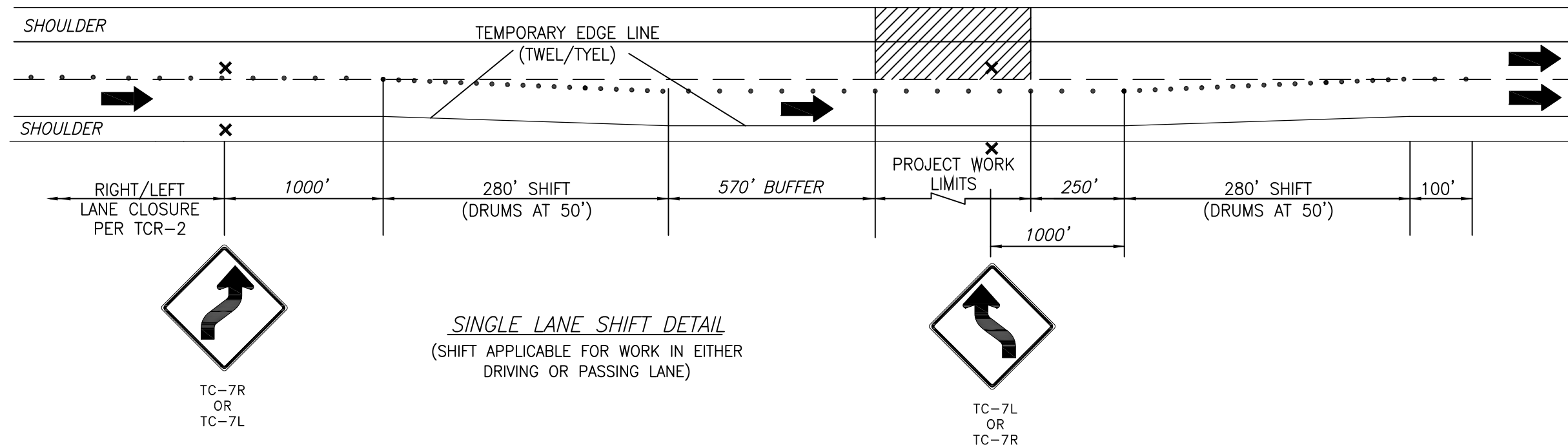


SIGN TO BE ADDED	APPROXIMATE LOCATION
 TC-13 X-FOOTPRINT SIGN STAND MOUNTED RIGHT/LEFT	MP 44, 45.5, 47, AND 48.5. (INTENDED FOR USE (EB & WB) INSTALLED ON SHOULDER FACING TRAFFIC STAGE 1 ONLY)  MP 50.5, 52, 53.6, AND 55. (INTENDED FOR USE (EB & WB) INSTALLED ON SHOULDER FACING TRAFFIC STAGE 2 ONLY)
 TC-1 X-FOOTPRINT SIGN STAND MOUNTED 500' PRIOR TO RAMP YIELD SIGN	EXIT 52 ACCEL RAMP(S) (INSTALLED FOR USE IN PHASES 1, 2, AND 3 EB & WB FOR STAGE 2)

-THE SIGNS LISTED ABOVE SHALL BE SUPPLIED BY THE CONTRACTOR ON X-FOOTPRINT SIGN STANDS. COST OF SIGN AND STAND SHALL BE CONSIDERED INCIDENTAL TO SP 614. FINAL LOCATION MAY BE ADJUSTED BY THE CHIEF ENGINEER.

SIGN TO BE COVERED	SIGN LOCATION	SIGN LEGEND FOR PHASE
 EXISTING SIGN TRUSS MOUNTED	MP 52.3 EB MP 53.0 WB	 EXISTING SIGN TRUSS MOUNTED COVER (WITH OVERLAY) FOR PHASE 2 AND PHASE 3
 EXISTING SIGN GROUND MOUNTED RIGHT SIDE	MP 48.6 EB MP 53.65 EB MP 48.55 WB MP 52.3 WB	 EXISTING SIGN GROUND MOUNTED RIGHT SIDE COVER FOR ALL PHASES
 EXISTING SIGN(S) POST MOUNTED IN MEDIAN AT CROSSOVER(S)		 COVER
 EXISTING SIGN(S) POST MOUNTED IN MEDIAN AT CROSSOVER(S)		 COVER
THE ABOVE DETAILED SIGNS, LOCATED AT ALL ALL CROSSOVERS WITHIN THE ZONE, SHALL BE COVERED IN ALL PHASES.		

MP 43.30(EB)	MP 49.58(EB)	STAGE 1
MP 49.58(WB)	MP 43.30(WB)	
MP 49.58(EB)	MP 55.45(EB)	STAGE 2
MP 55.45(WB)	MP 49.58(WB)	



NO.	REVISION	BY	DATE
	ADDENDUM NO. 1	JJS	1/7/14

**OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION**

**MAINTENANCE OF TRAFFIC SIGN MODIFICATION(S) AND DETAIL(S)**

DATE : OCTOBER 2013      SCALE : N.T.S.  
 CONTRACT : 59-14-01      SHEET 10 OF 12

ESTIMATED QUANTITY			ITEM DESCRIPTION
ITEM	TOTAL	UNIT	
IB. ART.6	1.00	LUMP	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND
SP 120	1.00	LUMP	VERTICAL CLEARANCE DOCUMENTATION
* 202	2,000.00	FOOT	GUARDRAIL REMOVED FOR SALVAGE, TYPE 5
* SP 202B	20.00	CU.YD.	CRACK REPAIR, 1" OR LESS, USING SAND ASPHALT
* SP 202B	4,000.00	GALLON	CRACK REPAIR, 1" OR LESS, USING HOT JOINT SEALER
* SP 202B	20.00	CU.YD.	CRACK REPAIR, WIDER THAN 1" AND LESS THAN 1" IN DEPTH, USING ITEM SP 404 (PG 64-22)
* SP 202B	30.00	CU.YD.	CRACK REPAIR, WIDER THAN 1" AND GREATER THAN 1" IN DEPTH, USING SP 402 (PG 64-22)
* SP 202B	50.00	CU.YD.	3 CORNER CRACK REPAIR, USING ITEM SP 402 (PG64-22)
* SP 202B	20.00	CU. YD.	REPAIR EXISTING EXPANSION JOINT, USING ITEM SP 404 (PG64-22)
* SP 202B	50.00	CU. YD.	LONGITUDINAL CRACK REPAIR
* 204	383.00	CU.YD.	EXCAVATION OF SUBGRADE
* 204	50.00	CU.YD.	EMBANKMENT
* 204	1,250.00	SQ.YD.	SUBGRADE COMPACTION
** 254	652,307.00	SQ.YD.	PAVEMENT PLANING, ASPHALT CONCRETE (T=2")
** 254	1,067.00	SQ.YD.	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, AS PER PLAN
** SP 304	267.00	CU.YD.	AGGREGATE BASE
* SP 403	5,466.00	CU.YD.	ASPHALT CONCRETE LEVELING COURSE, USING CRUSHED STONE, PG 70-22(FR)
* SP 402	1,800.00	CU.YD.	ASPHALT CONCRETE INTERMEDIATE COURSE, USING CRUSHED STONE, PG 64-22
** SP 404	14,326.00	CU.YD.	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED STONE, PG 64-22
** SP 404	16,393.00	CU.YD.	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22(FR)
SP 404A	125,981.00	FOOT	JOINT SEALER, AS PER PLAN
** SPECIAL	84,140.00	GALLON	TRACKLESS TACK
* SP 451	1,000.00	SQ.YD.	FULL DEPTH PAVEMENT REPAIRS (ASPHALT)
SP 536	9,467.00	SQ.YD.	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS
SP 536	5,284.00	SQ.YD.	CONCRETE WEATHERPROOFING, PARAPETS
* 604	5.00	EACH	CATCH BASIN, ADJUSTED TO GRADE, LESS THAN 4", AS PER PLAN
* 604	5.00	EACH	CATCH BASIN, ADJUSTED TO GRADE, 4" - 12", AS PER PLAN
* 604	5.00	EACH	CATCH BASIN, ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN
* 604	5.00	EACH	CATCH BASIN, GRATE AND CASTING, AS PER PLAN
* SP 605	3,000.00	FOOT	AGGREGATE DRAINS, TYPE II
* 606	1,000.00	FOOT	GUARDRAIL ADJUSTED TO 29" HEIGHT
* 606	2,000.00	FOOT	GUARDRAIL, TYPE 5, USING STEEL POSTS
* 606	2,000.00	FOOT	GUARDRAIL REBUILT, TYPE 5, USING STEEL POSTS
* 609	200.00	FOOT	ASPHALT CONCRETE CURB, TYPE I, PG 64-22
SP 614	1.00	LUMP	MAINTAINING TRAFFIC, AS PER PLAN
SP 614	3,600.00	HOURS	ZONE PERSON
614	60.00	CU.YD.	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, AS PER PLAN
614	50.90	MILE	WORK ZONE EDGE LINE, CLASS 1, 740.02 TYPE 1
614	4,748.00	FOOT	WORK ZONE EDGE LINE, CLASS 1, 740.06 TYPE 1
617	64,600.00	SQ.YD.	SHOULDER PREPARATION
617	5,400.00	CU.YD.	COMPACTED AGGREGATE
617	50.00	M. GAL.	WATER
619	1.00	LUMP	FIELD OFFICE, AS PER PLAN
621	1,740.00	EACH	RAISED PAVEMENT MARKERS REMOVED
624	1.00	LUMP	MOBILIZATION
SP 626	1,094.00	EACH	RAISED PAVEMENT MARKERS, STIMSONITE MODEL 101 LPCR
SP 627	1,000.00	TON	STONE SHOULDER PROTECTION
SP 641C	78.25	MILE	REMOVAL OF PAVEMENT MARKINGS
** 642	26.30	MILE	6" WHITE LANE LINE, TYPE 1
** 642	27.55	MILE	6" WHITE EDGE LINE, TYPE 1
** 642	27.55	MILE	6" YELLOW EDGE LINE, TYPE 1
642	3,200.00	FOOT	12" WHITE CHANNELIZING LINE, TYPE 1
642	2,000.00	FOOT	WHITE DOTTED LINE, 6" WHITE, TYPE 1
** SP 802	400.00	EACH	BARRIER REFLECTOR, TYPE A (WHITE)
** SP 802	400.00	EACH	BARRIER REFLECTOR, TYPE B (YELLOW)
SPECIAL	2.08	MILE	SNAP MILL AND FILL
SPECIAL	48.32	MILE	SONIC NAP ALERT PATTERN (SNAP)
SPECIAL	10.00	EACH	AIR SPEED ZONE MARKINGS, AS PER PLAN



\* CONTINGENCY QUANTITY TO BE USED AS DIRECTED BY CHIEF ENGINEER (SEE GENERAL NOTES).

\*\* PORTION OF THIS ITEM IS CONTINGENCY QUANTITY (SEE GENERAL NOTES).

ADDENDUM NO. 1	JJS	1/7/14
NO. REVISION	BY	DATE

**OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION**

**ESTIMATED QUANTITIES**

DATE : OCTOBER 2013	SCALE : N.T.S.
CONTRACT : 59-14-01	SHEET 11 OF 12