

OHIO TURNPIKE COMMISSION

ADDENDUM NO. 1

CONTRACT NO. 39-12-01

PART A

EASTBOUND AND WESTBOUND LEFT LANE RESURFACING
MILEPOST 101.2 TO MILEPOST 109.2
SANDUSKY AND ERIE COUNTIES

PART B

EASTBOUND RIGHT TWO (2) LANES AND SHOULDER RECONSTRUCTION
MILEPOST 95.9 TO MILEPOST 101.2
SANDUSKY COUNTY

OPENING DATE: 2:00 P.M. (E.S.T.), JANUARY 5, 2012

ATTENTION OF BIDDERS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED THROUGH 2:00 P.M., DECEMBER 22, 2011

MODIFICATIONS TO THE CONTRACT DOCUMENTS

MODIFICATIONS TO THE BID FORM

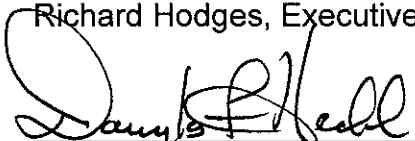
Pages OTC BF-4, BF-5, and BF-7


MODIFICATIONS TO THE PLAN SHEETS AND DRAWINGS

Plan Sheets 1, 9, 59, and 60 of 136

OTC Standard Drawings RPM-1, TCB-1, TCB-3, TCR-2, TCR-2.1 and TCR-15

Issued by the Ohio Turnpike Commission December 22, 2011. Issuance authorized by
Richard Hodges, Executive Director, and Kathleen Weiss, Director, Contracts Administration.

 12/22/11
Doug Hedrick, Asst. Chief Engineer - Date

 12-22-11
Kathleen Weiss Date

**OHIO TURNPIKE COMMISSION
ADDENDUM NO. 1
CONTRACT NO. 39-12-01**

ANSWERS TO QUESTIONS RECEIVED THROUGH 2:00 P.M., DECEMBER 22, 2011

- Q#1** Bid item 66- #605 Aggregate Drain, As Per Plan: the bid unit shown on the proposal is in CU YD. The Plan summary on sheet 65 shows this in FT.; the proposal appears to be in error, please clarify in an addendum.
- A#1** **The Unit of Measure on the Bid Form page BF-4 has been revised to FT for Bid Ref. No. 66. (See Addendum No. 1 changes below, and attached Bid Form replacement page).**
- Q#2** Bid item 151- Special Existing Crossover to be Closed/Re-Opened, As Per Plan; The proposal shows 2 as a quantity and LUMP as unit. If the quantity is 2, then should the unit be EACH instead?
- A#2** **The General Summary on Plan Sheet 60 of 136, and the applicable Bid Form page BF-7 have been revised to reflect a unit of EACH for Bid Ref. No. 151. (See Addendum No. 1 changes below, and attached replacement pages).**
- Q#3** Will project 39-12-01 be awarded as one contract or two contracts (1 each for part A & B)?
- A#3** **One (1) Contract will be awarded.**
- Q#4** Bid item 6700: the note under SP 605 states that whenever 6" Shallow Pipe Underdrains are called for, then 4" 707.31 tubing shall be considered an equivalent. The bid item is for 6" Shallow Pipe Underdrain with Filter Fabric Wrap. Please clarify that the 4" tubing can be used for this SP605 bid item.
- A#4** **Four (4) inch diameter 707.31 perforated corrugated polyethylene drainage tubing shall be considered an equal alternate to the "6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC FILTER WRAP" as delineated on the Bid Form under Ref. No. 67 for Item No. SP 605. As per the Underdrain Detail found on Plan Sheet 110 of 136, fabric wrap is still required around the entire outside perimeter of the underdrain trench, regardless of whether four (4) inch tubing or six (6) inch pipe is supplied by the Contractor.**
- Q#5** Bid item 6600: Aggregate Drain, As Per Plan: Plan Sheet 9 gives information on the drain but does not specify the type of granular backfill. Note that this is a 605 specification and not an SP605 specification. The ODOT 605 specification calls for #8, #89, or #9 aggregate as backfill. The OTC SP605 specification does have notes for aggregate

drains calling for #57 carbonate stone backfill. Please clarify which specification governs and/or what type of granular backfill is to be used.

A#5 ODOT CMS Item 605 governs the Aggregate Drain, as per Plan, and the Contractor shall use one (1) of the aggregate options as specified.

Q#6 In the general conditions section, there are two different policies mentioned:

12.1.4 Contractor's Pollution Liability

12.2.1 Builder's Risk Insurance

In both cases, the specifications have language such as "If Work performed..." and "Where the Contract requires..."

Will the OTC require these policies for this project? Please clarify in an addendum.

A#6 Contractor's Pollution Liability is required for this Contract. Builder's Risk is not a requirement.

Q#7 Bid item 77: Item 255, Full Depth Pavement Removal and Rigid Replacement, 500 sy

a. Are we supposed to figure concrete replacement to the existing surface level or to the top of existing concrete only?

b. If repairs are to go to the top of concrete only, then will asphalt replacement be paid for separately?

c. There is no quantity set up for pavement sawing for this item. Will you please add the quantity and/or a bid item for this?

A#7

- a. Concrete shall be placed to the top of the existing pavement surface. The General Note for this Item on Plan Sheet 9 of 136 is revised to reflect the type of concrete to be used as Class FS, and further indicates that dowel bars are not required.
- b. The repairs will utilize concrete only, therefore, this question is not applicable.
- c. A quantity for Item 255, Full Depth Pavement Sawing, has been added to the Plans. The General Note on Plan Sheet 9 of 136 has been revised to show the Pavement Sawing quantity. the quantity has also been carried to the General Summary Sheet 59 and added to the Bid Form at page BF-5 as Ref. No. 77A. (See Addendum No. 1 changes below, and attached replacement pages).

Q#8 Bid items 2 through 5: OTC standard CJ-1 is included, but only covers crack and joint details at full depth concrete repairs; will OTC please provide standard drawing applicable to these surface type repairs since this is in mill-fill section?

A#8 The repairs identified in Bid Ref. Nos. 2 through 5 are addressed by the detail on OTC Standard Drawing CJ-1 titled "Minor Transverse & Longitudinal Crack & Joint Repairs," as well as in Special Provision SP 202B.

- Q#9 Ref. 5: Longitudinal Crack Repair, As Per Plan- please provide the "As Per Plan" note as it is not shown on Plan Sheets 135 and 136.
- A#9 This item shall be installed in accordance with OTC Standard Drawing CJ-1 and Special Provision SP 202B. There is no stand-alone As Per Plan Note.
- Q#10 Please post on your website the electronic spreadsheet for the bid items on the above referenced project.
- A#10 An electronic version of the spreadsheet is provided with this Addendum No. 1, however, prospective Bidders are strongly advised to make sure the most current version of the Bid Form is utilized when submitting your bids, and per Article 2.6.2.3 of the Instructions to Bidders, the Ohio Turnpike Commission assumes no liability for a Bidder's error in this regard.

MODIFICATIONS TO THE CONTRACT DOCUMENTS

The following changes are made to the Contract Documents for Contract No. 39-12-01:

Modifications to the Bid Form Via Addendum No. 1

Deletions are shown with ~~strikethrough~~ text.

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

(Bidders are advised to make sure to utilize the attached replacement Bid Form pages).

Page BF-4: Under Ref. No. 66, Item No. 605 – AGGREGATE DRAIN, AS PER PLAN, the Unit of Measure has been revised from ~~CY-YD~~ to ***"FT."***

Page BF-5: A new Ref. No. ***77A*** has been added as follows: Item No. ***"255, FULL DEPTH PAVEMENT SAWING, 200 FT."***

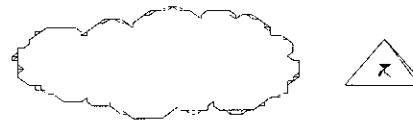
Page BF-7: Under Ref. No. 151, Item Special – EXISTING CROSSOVER TO BE CLOSED / RE-OPENED, AS PER PLAN, the Unit of Measure has been revised from ~~lump-sum~~ to ***"EACH."***

Modifications to the Plan Sheets Via Addendum No. 1

(Bidders are advised to make sure to utilize the attached replacement Sheets 1, 9, 59, and 60 of 136).

Changes to the Plan Sheets:

Additions and deletions are indicated with a cloud and revision triangle as follows:



Plan Sheet 1 of 136: The Title Sheet to the Plans has been revised as follows:

Ohio Turnpike Commission Standard Drawings RPM-1, TCB-1, TCB-3, TCR-2, TCR-2.1 and TCR-15 have been modified, and the new date of issuance for these Drawings is "**12-21-11**."

Plan Sheet 9 of 136: The "Pavement Repairs" Plan Note has been modified as follows:

"THE FOLLOWING QUANTITIES, ARE INCLUDED AS A CONTINGENCY, TO BE USED AS DIRECTED BY THE CHIEF ENGINEER FOR PAVEMENT REPAIR MEASURES TO MAINTAIN TRAFFIC. **CONTRACTOR SHALL FOLLOW ODOT CMS FOR ITEM 255, EXCEPT THAT PLACEMENT OF THE DOWEL BARS ARE NOT REQUIRED AND CONCRETE SHALL BE CLASS FS.**

ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR	500 SQ. YD.
ITEM 255, FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT	500 SQ. YD.
ITEM 255, FULL DEPTH PAVEMENT SAWING	200 FT."

Plan Sheet 59 of 136: A new Line Item has been added as follows:

"ITEM 255, 200 FT., FULL DEPTH PAVEMENT SAWING."

In addition, under Item 605 – AGGREGATE DRAIN, AS PER PLAN, the Unit of Measure has been revised from ~~CY-YD~~ to **"FT."**

Plan Sheet 60 of 136: Under Item Special – EXISTING CROSSOVER TO BE CLOSED / RE-OPENED, AS PER PLAN, the Unit of Measure has been revised from ~~lump-sum~~ to **"EACH."**

Modifications to the Ohio Turnpike Commission Standard Drawings Via Addendum No. 1

(Bidders are advised to make sure to utilize the attached replacement OTC Standard Drawings RPM-1, TCB-1, TCB-3, TCR-2, TCR-2.1 and TCR-15).

Receipt of Addendum No. 1 to Contract No. 39-12-01 is hereby acknowledged:

(Firm Name)

(Signature)

(Printed Name)

Date: _____

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CONTRACT NO. 39-12-01 BID FORM

Ref. No.	Item No.	Item Description	Approx. Quantity	Unit	Unit Cost	Extended Bid Amount
PART B, EROSION CONTROL (Ref. Nos. 44 - 59)						
44	207	TEMPORARY SEEDING AND MULCHING	1,481	SQ YD		
45	207	INLET PROTECTION	1,216	FT		
46	207	FILTER FABRIC FENCE	1,190	FT		
47	207	FILTER FABRIC DITCH CHECK	2,850	FT		
48	207	DIKES	1,173	CU YD		
49	207	SLOPE DRAINS	1,068	FT		
50	207	ROCK CHANNEL PROTECTION, TYPE C OR D, WITHOUT FILTER	28	CU YD		
51	659	SOIL ANALYSIS TEST	2	EACH		
52	659	TOPSOIL	3,288	CU YD		
53	659	SEEDING AND MULCHING	29,613	SQ YD		
54	659	REPAIR SEEDING AND MULCHING	1,481	SQ YD		
55	659	INTER SEEDING	1,481	SQ YD		
56	659	COMMERCIAL FERTILIZER	4.3	TON		
57	659	LIME	6.1	ACRE		
58	659	WATER	169	M GAL		
59	832	EROSION CONTROL	LUMP	LUMP		
TOTAL - PART B, EROSION CONTROL						

PART B, DRAINAGE (Ref. Nos. 60 - 69)						
60	601	ROCK CHANNEL PROTECTION, TYPE C, WITH FABRIC FILTER	10	CU YD		
61	602	CONCRETE MASONRY	5	CU YD		
62	603	6" CONDUIT TYPE F, NON-PERFORATED ASTM 3034 SDR 35 SS931 OR SS944	1,385	FT		
63	603	12" CONDUIT, TYPE C	466	FT		
64	603	15" CONDUIT, TYPE C	112	FT		
65	SP604	CATCH BASIN TYPE CB-1	27	EACH		
66	605	AGGREGATE DRAIN, AS PER PLAN	26,651	CU YD	FT	
67	SP605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC FILTER WRAP	51,450	FT		
68	SP605	6" UNCLASSIFIED PIPE UNDERDRAIN, WITH FABRIC FILTER WRAP	2,528	FT		
69	SPECIAL	PRECAST REINFORCED CONCRETE OUTLET	45	EACH		
TOTAL - PART B, DRAINAGE						

CONTRACT NO. 39-12-01 BID FORM

Ref. No.	Item No.	Item Description	Approx. Quantity	Unit	Unit Cost	Extended Bid Amount
PART B, PAVEMENT (Ref. Nos. 70 - 97)						
70	206	LIME STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN	48,589	SQ YD		
71	206	LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN	60,811	SQ YD		
72	206	LIME	3,060	TON		
73	206	WATER FOR CURING	1.4	M GAL		
74	206	TEST ROLLING	37	HOURL		
75	251	PARTIAL DEPTH PAVEMENT REPAIR	500	SQ YD		
76	252	FULL DEPTH PAVEMENT SAWING	26,651	FT		
77	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT	500	SQ YD		
77A	255	FULL DEPTH PAVEMENT SAWING	200	FT		
78	SP302	BITUMINOUS AGGREGATE BASE COURSE, PG64-22	20	CU YD		
79	SP304	AGGREGATE BASE	13,443	CU YD		
80	SP304	AGGREGATE BASE (SHOULDER)	7,762	CU YD		
81	SP402	ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG64-22	252	CU YD		
82	SP402	ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG70-22 (FR)	4,130	CU YD		
83	SP404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG64-22	1,082	CU YD		
84	SP404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG70-22 (FR)	3,569	CU YD		
85	SP404	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSEVER, PG64-22	81	CU YD		
86	SP404A	JOINT SEALER	32,187	FT		
87	SP407	TACK COAT	6,675	GALLON		
88	SP407	TACK COAT FOR INTERMEDIATE COURSE	1,596	GALLON		
89	452	NON-REINFORCED CONCRETE PAVEMENT (T = 13")	79,449	SQ YD		
90	SPECIAL	ROLLER COMPACTED CONCRETE (SHOULDER, T = 9")	26,462	SQ YD		
91	SP617	SHOULDER PREPARATION	4,615	SQ YD		
92	SP617	COMPACTED AGGREGATE	385	CU YD		
93	SP627	STONE SHOULDER PROTECTION	426	CU YD		
94	SPECIAL	ASPHALT PAVEMENT REINFORCEMENT	14,806	SQ YD		
95	SPECIAL	PRESSURE RELIEF JOINT, TYPE A	765	FT		
96	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	5.48	MILE		
97	SPECIAL	SAW CUT JOINT	31,076	FT		
TOTAL - PART B, PAVEMENT						

CONTRACT NO. 39-12-01 BID FORM

Ref. No.	Item No.	Item Description	Approx. Quantity	Unit	Unit Cost	Extended Bid Amount
PART B, MAINTENANCE OF TRAFFIC (Ref. Nos. 119 - 151)						
119	SP614	ZONE PERSON	5,000	HOURL		
120	SP614	MAINTAINING TRAFFIC	LUMP	LUMP		
121	614	REPLACEMENT SIGN	10	EACH		
122	614	WORK ZONE Crossover LIGHTING SYSTEM	2	EACH		
123	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	720	DAY		
124	614	WORK ZONE IMPACT ATTENUATOR FOR 24" HAZARDS (UNIDIRECTIONAL OR BIDIRECTIONAL)	13	EACH		
125	614	FLASHING ARROW PANEL	2	EACH		
126	614	WORK ZONE EDGE LINE, CLASS 1, 642 PAINT (4" - WHITE)	15.67	MILE		
127	614	WORK ZONE EDGE LINE, CLASS 1, 642 PAINT (4" - YELLOW)	14.76	MILE		
128	614	WORK ZONE EDGE LINE, CLASS 1, 642 PAINT (6" - YELLOW)	7.64	MILE		
129	614	WORK ZONE CHANNELIZING LINE, CLASS 1, 642 PAINT (8" - WHITE)	6.824	FT		
130	614	WORK ZONE TRANSVERSE LINE, CLASS 1, 642 PAINT (12" - WHITE)	635	FT		
131	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	100	CU YD		
132	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	52	SQ YD		
133	616	WATER	750	M GAL		
134	621	REMOVAL OF RPM REFLECTORS	39	EACH		
135	SP622A	TEMPORARY PORTABLE BARRIER (WITHOUT GLARE SHIELD)	8.76	MILE		
136	SP622A	TEMPORARY PORTABLE BARRIER (WITH GLARE SHIELD)	5.91	MILE		
137	SP626	RAISED PAVEMENT MARKER - STIMSONITE MODEL 101 LPCR	25	EACH		
138	SP626	REPLACEMENT PRISMATIC RETRO-REFLECTOR	25	EACH		
139	SP626	REPLACEMENT RAISED PAVEMENT MARKER CASTING - STIMSONITE MODEL 101 LPCR	25	EACH		
140	SP626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, WHITE	755	EACH		
141	SP626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, YELLOW	714	EACH		
142	630	SIGNING, MISC.: ADDITIONAL SIGNS WITH SUPPORTS, AS DIRECTED BY THE CHIEF ENGINEER	500	SQ FT		
143	SP641	4" TEMPORARY WHITE DOTTED LINE	4,628	FT		
144	SP641	4" TEMPORARY WHITE EDGE LINE	1.25	MILE		
145	SP641	4" TEMPORARY YELLOW EDGE LINE	1.25	MILE		
146	SP641	6" TEMPORARY YELLOW EDGE LINE	0.22	MILE		
147	SP641C	REMOVAL OF PAVEMENT MARKINGS	51.43	MILE		
148	SP802	BARRIER REFLECTOR, TYPE A (WHITE)	200	EACH		
149	SP802	BARRIER REFLECTOR, TYPE B (WHITE)	305	EACH		
150	SPECIAL	"SNAP" MILL AND FILL	1,500	FT		
151	SPECIAL	EXISTING Crossover TO BE CLOSED / RE-OPENED, AS PER PLAN	2	LUMP EACH		
TOTAL - PART B, MAINTENANCE OF TRAFFIC						