

OHIO TURNPIKE COMMISSION

ADDENDUM NO. 2

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: **EXTENDED** 2:00 P.M. (E.S.T.), JANUARY 5 **12**, 2012

ATTENTION OF BIDDERS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED THROUGH 4:00 P.M., DECEMBER 29 , 2011

MODIFICATIONS TO THE CONTRACT DOCUMENTS

COVER SHEET AND NOTICE TO BIDDERS PAGE NB-2

MODIFICATIONS TO THE BID FORM

Pages OTC BF-3, BF-5 and BF-7

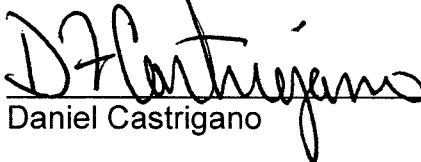
MODIFICATIONS TO THE CONTRACT FORM

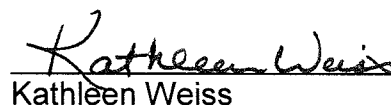
Page CF-2

MODIFICATIONS TO THE PLAN SHEETS AND DRAWINGS

Plan Sheets 9, 13, 14, 18, 58, 59, 60, and 65 of 136

Issued by the Ohio Turnpike Commission December 30, 2011. Issuance authorized by Daniel Castrigano, Chief Engineer, and Kathleen Weiss, Director, Contracts Administration.

 12/30/11
Daniel Castrigano Date

 12-30-11
Kathleen Weiss Date

**OHIO TURNPIKE COMMISSION
ADDENDUM NO. 2
CONTRACT NO. 39-12-01**

ANSWERS TO QUESTIONS RECEIVED THROUGH 4:00 P.M., DECEMBER 29, 2011

Q#11 The typical sections have a note "Pavement base material changes to asphalt within these limits" which says the milling depth is to be reduced to 3.25" within these limits. Is that over the entire width of the pavement or only the 1' overlap section?

A#11 The reduced milling depth applies only to the one (1) foot overlap area.

Q#12 The quantity to mill the 1' overlap between the existing/proposed construction is not included in the overall quantity for Ref. 25 Pavement Planing, Asphalt Concrete. The additional asphalt to bring the overlap to the top of proposed concrete base is included though.

A#12 Plan Sheets 58 and 65 of 136 and the applicable Bid Form page OTC-BF-3 have been revised to include this additional quantity of milling for Bid Ref. No. 25. (See changes outlined below in this Addendum No. 2, and the attached replacement Plan Sheets and Bid Form pages).

Q#13 There is currently 154 ft of portable concrete barrier positioned at the east and west crossovers. This PCB will have to be removed to install the Phase A crossovers. Where is the cost to remove this 308 ft of PCB to be included?

A#13 The quantity for Item Special – Existing Crossover to be Closed/Re-opened, As Per Plan has been increased from two (2) Each to four (4) Each to address any Work required at these existing median openings for the removal or placement of portable concrete barrier. Plan Sheets 13, 14, 18, and 60 of 136 and the applicable Bid Form page OTC-BF-7 have been revised to reflect this quantity change for Bid Ref. No. 151. (See changes outlined below in this Addendum No. 2, and the attached replacement Plan Sheets and Bid Form pages).

Q#14 Sheet OTC-CF-2 states that the milestone date for the final completion is October 27, 2011. Please correct the date.

A#14 Page OTC-CF-2 has been revised to state the correct date as October 27, 2012. (See changes outlined below in this Addendum No. 2, and the attached replacement page CF-2).

Q#15 What is the thickness of the existing asphalt on the EB outside shoulders?

A#15 The thickness of the existing Eastbound outside shoulder is approximately seven (7) to nine (9) inches and is provided as general information only. Per IB Article

2.1.4, upon request, Bidders will be provided access to the Project to verify actual conditions.

Q#16 Would OTC consider adding item SP 202B Crack Repair, One (1) Inch or Less, Using Hot Joint Sealer to be used in Part A?

A#16 No, Item SP202B Crack Repair, One (1) Inch or Less, using Hot Joint Sealer will not be added for use in Part A. Any cracks that cannot be repaired with Sand Asphalt will not be considered for repair.

Q#17 Will 702.13 rubberized asphalt emulsion (tack coat) be required over the new concrete base pavement?

A#17 Yes, in accordance with Item 452, 702.13 rubberized asphalt emulsion (tack coat) will be required over the new concrete base pavement. It shall be paid for under Item SP 407-Tack Coat.

Q#18 Under ref item 75 "Partial Depth Repair", what depth is to be assumed and what type of asphalt should be used as the replacement material?

A#18 Ref. No. 75, Item 251 – Partial Depth Pavement Repair is intended to repair deteriorated areas of the surface course only and therefore repair depths should not exceed approximately two (2) inches. Asphalt Concrete Surface Course material approved for use on this Project or as approved by ODOT for use on other nearby interstates may be used.

Q#19 Can the contractor use the existing median crossover at station 992+50 to turn trucks / equipment (providing both EB & WB third lanes are closed) during Part A construction?

A#19 After the Contract is awarded, the selected Contractor shall submit, for the Chief Engineer's approval, a detailed Temporary Traffic Control plan for the usage of the existing median crossover. Upon approval, the Contractor will be permitted to utilize the existing median crossover at station 992+50. Any Work associated with this request shall be performed at no additional cost to the Commission.

Q#20 On sheet 135 of 136 under "Suggested Sequence of Operations" (A) Implementation of Traffic Pattern to Close Left Lane for Daytime Operations, what items of work are considered Daytime Operations? Will any and all work in the Left Lane require the Center Lane be closed to be used as the "buffer lane"?

A#20 Under Part A of the Contract only, the following items: i) Milling; ii) RPM removal and replacement; and iii) Paving are operations that will require the Center Lane to be closed as a "buffer" lane. These operations are considered Nighttime Operations and shall be performed between the hours of 7PM and 7AM, subject to the approval of the Chief Engineer. All other Work may be performed as Daytime

Operations provided the Work is performed in accordance with the requirements of TCR-2.

Q#21 Could the saw cutting between the new and existing asphalt in Part A be paid under Item Special – Saw Cut Joint which is the case in Part B? The Part A note considers the saw cutting incidental to the pavement planning. With 32 miles to saw cut, this would add substantial incidental costs to the project that might not be required.

A#21 No, under Part A, the saw cutting is incidental to the milling operations. The saw cutting may be waived by the Chief Engineer under Part A only, if the Contractor demonstrates the ability to provide a straight, vertical face with no damage to the adjacent pavement.

Q#22 Under ref 81 AC Base Course pg64-22, the proposal has a quantity of 252 cy setup for the maintenance cross-overs. In the pavement calculations (sheet 65), there is 1262 cy of AC Base Course, pg64-22 setup for the outside shoulders. Should this quantity (1262 cy) be added to ref 81 or will a new item or be established? It looks as though the 1262 cy was carried to the General Summary (sht 59) and added to Tack Coat for Intermediate Course which makes that quantity appear to be incorrect also. The Tack Coat / Tack Coat for Intermediate Course quantities carried from the pavement calculations to the general summary are different as well.

A#22 Plan Sheets 59 and 65 of 136 and the applicable Bid Form page OTC-BF-5 have been revised to correct quantities for Tack Coat and Tack Coat for Intermediate Course. (See changes outlined below in this Addendum No. 2, and the attached replacement Plan Sheets and Bid Form pages).

Q#23 Part B – Page 5 of 136. The Pavement Joint Detail
The pavement planing after the item 452 on the previous project showed a 3.25" mill out. The typical plan on this portion indicates, page 5 of 136 in the pavement joint detail, shows an approx. 5.00" mill out which would be an additional 1.75" depth in the 1' area. This will be very difficult to perform with the standard milling machines due to the 1' width and the 5.00" depth in the confined area. Is the additional depth correct or is it a plan oversight?

A#23 This question will be answered in Addendum No. 3, which will issue next week.

Q#24 Bid items 70,71: show quantities in the proposal of 48,589 s.y. (12") and 60,811 s.y. (16"). The table on plan sheet 9 gives the following totals: 25,200 s.y. (12") and 84,200 s.y. (16"). Please revise the table or the proposal quantities in an addendum.

A#24 This question will be answered in Addendum No. 3, which will issue next week.

Q#25 On sheet 8 of the plans under ITEM SP304 – 10" RECYCLED AGGREGATE BASE, AS PER PLAN it states "all excess material shall be the property of the commission and shall

be stockpiled at a location within the limits of the project". Will this area be available for crushing/processing the broken concrete or will the material need to be crushed offsite and then returned to the project?

A#25 *The stockpile location will only be available for the storage of excess material for the Commission's use. The operations required to create this material shall be performed at another location.*

Q#26 On the previous project OTC 39-11-01 the low bidder offered a credit for turnpike access and used an area at the Service Plaza for their concrete plant. Will the Eastbound and/or Westbound Service Plazas be available as a concrete plant location?

A#26 *The Contractor may propose a similar arrangement for the location of the temporary batch plant in the vacant area west of the Commodore Perry Service Plaza. The Commission does not guarantee the acceptance of any such proposal for this location. Other areas inside the operational limits of the Service Plazas will not be considered for use.*

Q#27 Are there any other turnpike property areas for concrete plant and crushing operations available to the contractor within the project limits or close to the project? If so, where are these locations?

A#27 *The Contractor may propose to utilize other areas within the Project limits for such operations, however it is the responsibility of the Contractor to secure any and all permits for such operations if so required. The Commission is not obligated to accept any such proposal.*

Q#28 Does the Ohio Turnpike Commission have any areas that they would need broken concrete from the pavement removal for fill?

A#28 *No, the Commission has no need for broken concrete fill at this time.*

Q#29 Does the Ohio Turnpike Commission have any use for the asphalt grindings generated from the project?

A#29 *No, the Commission has no need for asphalt grindings at this time.*

Q#30 Are there any details of the existing pavement on the eastbound shoulder and/or borings?

A#30 *See the response to Q#15 of this Addendum No. 2.*

Q#31 Where is the As Per Plan note on Longitudinal Crack Repair Ref No. 5?

A#31 See the response in Addendum No. 1, question #9.

Q#32 How is the final jetting of the storm sewer paid for as stated on PG 66 and what are the limits of what storm sewers get cleaned?

A#32 The final jetting of storm sewers is included in ODOT Supplemental Specification 832, and is paid as part of the Lump Sum cost for this Item. The final length and scope of jetting will be a function of the effectiveness of the Contractor's BMP's during construction.

Q#33 What is the thickness requirement for the partial depth pavement repairs?

A#33 See the response to Q#18 of this Addendum No. 2.

Q#34 Where are the special provisions located for dowel bar verification as stated on Sheet 9?

A#34 Special Provisions do not include dowel bar location verification. Dowel bar location verification will be performed by the Commission. The Note on Plan Sheet 9 of 136 for "ITEM SPECIAL- DOWEL VERIFICATION" has been deleted. (See changes outlined below in this Addendum No. 2, and the attached replacement Plan Sheet 9).

Q#35 Are two way object markers required on the glare screen as per MT-101.70 and are one way object markers required on the 32" portable barrier wall? If so, how are they paid for?

A#35 Two-way and one-way object markers are not required in accordance with MT-101.70, as there are no pay items for such. SP 622A, Portable Concrete Barrier, identifies the delineators that each piece of portable concrete barrier is to receive; one (1) barrier reflector for each piece of barrier on the traffic side. Payment for the delineators is incidental to Item 622A.

Q#36 The end of year holiday season has created issues with discussing this project with major material suppliers and sub-contractors on this project the week prior to bid that is required on a major project as this one. We request a minimum of one day delay or at best a 5 day delay which will allow bidders to discuss this project in greater detail with these major vendors so more complete and competitive bids can be submitted to the Commission. Thanks you for your consideration on this matter.

A#36 The Commission has granted an extension of one (1) week to 2:00 p.m. (EST) January 12, 2012, at which time bids will be read aloud.

MODIFICATIONS TO THE CONTRACT DOCUMENTS

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

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 Cover Sheet, Notice to Bidders, Bid Form pages OTC-BF-3, OTC-BF-5 and OTC-BF-7, and Contract Form Page CF-2).

Modifications to the Cover Sheet and Notice to Bidders Via Addendum No. 2

Cover Sheet and Notice to Bidders Page NB-2: The Bid Opening date has been extended for one (1) week from 2:00 P.M. (E.S.T.) January 5, 2012, to 2:00 P.M. (E.S.T.), January **12**, 2012.

Modifications to the Bid Form Via Addendum No. 2

Page BF-3: Under Ref. No. 25, Item 254 – PAVEMENT PLANING, ASPHALT CONCRETE the Approx. Quantity has been revised from ~~408,709~~ SQ YD to ***111,259*** SQ YD.

Page BF-5: Under Ref. No. 81, Item SP 402 – ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG64-22, the Approx. Quantity has been revised from 252 CU YD to ***1,514*** CU YD.

Under Ref. No. 87, Item SP 407 – TACK COAT, the Approx. Quantity has been revised from ~~6,675~~ GALLON to ***8,078*** GALLON.

Under Ref. No. 88, Item SP 407 – TACK COAT FOR INTERMEDIATE COURSE the Approx. Quantity has been revised from ~~4,596~~ GALLON to ***6,836*** GALLON.

Under Ref. No. 96, Item SPECIAL – SONIC NAP ALERT PATTERN (SNAP) the Approx. Quantity has been revised from ~~5.48~~ MILE to ***5.45*** MILE.

Page BF-7: Under Ref. No. 151, Item SPECIAL – EXISTING CROSSOVER TO BE CLOSED / RE-OPENED, AS PER PLAN, the Approx. Quantity has been revised from 2 EACH to ***4*** EACH.

Modifications to the Contract Form Via Addendum No. 2

Page CF-2: In the Milestone Description, Milestone Dates Table, in the last row where the Milestone Date is indicated for the commencement of "Liquidated damages for failure to meet the Final Completion deadline and complete all Punch List items, per SP 103 Part (F)," the date is corrected as follows: Liquidated damages commence "on October 27, ~~2011~~ ***2012***."

Modifications to the Plan Sheets Via Addendum No. 2

(Bidders are advised to make sure to utilize the attached replacement Plan Sheets 9, 13, 14, 18, 58, 59, 60 and 65 of 136).

Changes to the Plan Sheets:

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



Plan Sheet 9 of 136: The "ITEM SPECIAL – DOWEL BAR VERIFICATION" Plan Note text has been deleted. Dowel bar location verification will be performed by the Commission and is, therefore, no longer a cost borne by the Contractor.

Plan Sheet 13 of 136: A new Line Item has been added for SHEET NO. **26**, PHASE A, STEP 1, **MEDIAN BARRIER** FROM STATION **736+60** TO STATION **738+40**, SIDE **CL** for ITEM SPECIAL – EXISTING CROSSOVER TO BE CLOSED / RE-OPENED, AS PER PLAN with the quantity of one (1) EACH. This new Line Item and quantity also increased the Sheet 13 Sub-Total quantity from one (1) EACH to two (2) EACH.

Plan Sheet 14 of 136: A new Line Item has been added for SHEET NO. **38**, PHASE A, STEP 1, **MEDIAN BARRIER** FROM STATION **1043+32** TO STATION **1045+12** SIDE **CL** for ITEM SPECIAL – EXISTING CROSSOVER TO BE CLOSED / RE-OPENED, AS PER PLAN with the quantity of one (1) EACH. This new Line Item and quantity also increased the Sheet 14 Sub-Total quantity from one (1) EACH to two (2) EACH.

Plan Sheet 18 of 136: The SUB-TOTALS for ITEM SPECIAL – EXISTING CROSSOVER TO BE CLOSED / RE-OPENED, AS PER PLAN have been revised. The SUB-TOTALS CARRIED FROM SHEET 13 quantity has been revised from one (1) EACH to two (2) EACH. Also, the SUB-TOTALS CARRIED FROM SHEET 14 quantity has been revised from one (1) EACH to two (2) EACH. These new Line Items and quantities from Plan Sheets 13 and 14 also increased the Sheet 18 TOTALS as well as the TOTALS CARRIED TO GENERAL SUMMARY SHEETS 58-59 from two (2) EACH to four (4) EACH.

Plan Sheet 58 of 136: Under ITEM 254 – PAVEMENT PLANING, ASPHALT CONCRETE, the quantity for SHEET NUMBER 65 has been revised from ~~403192~~ SQ YD to **105742** SQ YD, and the quantity for GRAND TOTAL PART B has been revised from ~~408709~~ SQ YD to **111259** SQ YD.

Plan Sheet 59 of 136: Under ITEM SP402 – ASPHALT CONC. BASE COURSE, OR RECYCLED ASPHALT CONC. BASE COURSE, PG64-22, the quantity for SHEET NUMBER 65 has been revised from 252 CU YD to **1262** CU YD, and the quantity for the GRAND TOTAL PART B has been revised from 252-CU YD to **1514** CU YD. Under ITEM SP407 – TACK COAT, the quantity for SHEET NUMBER 65 has been revised from ~~6502~~ GALLON to **7905** GALLON, and the quantity for the GRAND TOTAL PART B has been revised from ~~6675~~ GALLON to **8078** GALLON. Under ITEM SP407 – TACK COAT FOR INTERMEDIATE COURSE, the quantity for SHEET NUMBER 65 has been revised from ~~1262~~ GALLON to **6502**

GALLON, and the quantity for the GRAND TOTAL PART B has been revised from 4596 GALLON to **6836** GALLON. Under ITEM SPECIAL – SONIC NAP ALERT PATTERN (SNAP), the quantity for SHEET NUMBER 65 has been revised from ~~5.4~~ MILE to **5.07** MILE, and the quantity for the GRAND TOTAL PART B has been revised from ~~5.48~~ MILE to **5.45** MILE.

Plan Sheet 60 of 136: Under ITEM SPECIAL – EXISTING CROSSOVER TO BE CLOSED / RE-OPENED, AS PER PLAN, the quantity for SHEET NUMBER 18 has been revised from 2 EACH to **4** EACH, and the quantity for GRAND TOTAL PART B has been revised from 2 EACH to **4** EACH.

Plan Sheet 65 of 136: Under Item 254 - PAVEMENT PLANING, ASPHALT CONCRETE, a new calculated quantity on the line FROM STATION 740+00.00 TO STATION 985+93.00 of **2550** SQ. YD. has been inserted. This new quantity also increased the TOTALS CARRIED TO GENERAL SUMMARY quantity from ~~403,493~~ SQ. YD. to **105,742** SQ. YD. Under Item SP 304, the second description is revised to correct the spelling of the word "**BASE.**" Under Item SPECIAL – SONIC NAP ALERT PATTERN (SNAP), the quantity has been revised under the TOTAL CARRIED TO THE GENERAL SUMMARY from ~~5.06~~ MILE to **5.07** MILE.

Receipt of Addendum No. 2 to Contract No. 39-12-01 is hereby acknowledged:

(Firm Name)

(Signature)

(Printed Name)

Date: _____

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**Ohio Turnpike Commission
682 Prospect Street
Berea, Ohio 44017**

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: *EXTENDED* 2:00 P.M. (E.S.T.), JANUARY 5 12, 2012

Submitted By:

Company Name: _____

Contact Name: _____

Street Address: _____

City: _____

State: _____ Zip Code: _____

Telephone Number: _____

Fax Number: _____

Email: _____

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installation of Sonic Nap Alert Patterns ("SNAPs"), and temporary traffic control. All Work is to be performed as per the Plans, Specifications, Special Provisions, and other Contract Documents for Contract No. 39-12-01.

Bids will be accepted until **January 5 12, 2012, at 2:00 P.M (E.S.T.)**, when all Bids will be opened and read aloud. To avoid a potential extension of the Bid Opening date and/or a potential rejection of all Bids, it is imperative that Bidders submit all questions in a timely manner and no later than seven (7) days prior to Bid Opening.

Contract Documents are available by contacting the office of the Commission's Purchasing Manager, 682 Prospect Street, Berea, Ohio 44017, Telephone (440) 234-2081.

The Contract Documents may be reviewed for bidding purposes without charge during business hours at the following locations:

Builders Exchange
9555 Rockside Rd, Ste. 300
Valley View, Ohio 44125
216-393-6300

Ohio Construction News
7261 Engle Rd, Suite 304
Cleveland, Ohio 44130
440-826-4700

A single Contract will be awarded, if any award be made, to the Bidder determined to have submitted the lowest responsive and responsible Bid for the performance of the Work. The Commission reserves the right to reject any and all Bids and to waive minor irregularities or technical deficiencies.

OHIO TURNPIKE COMMISSION
Purchasing Section

D.R. 12(14 & 21) 2011

CONTRACT NO. 39-12-01 BID FORM

PART B

Ref. No.	Item No.	Item Description	Approx. Quantity	Unit	Unit Cost	Extended Bid Amount
PART B, ROADWAY (Ref. Nos. 16 - 43)						
16	201	CLEARING AND GRUBBING	LUMP	LUMP		
17	202	CATCH BASIN REMOVED	27	EACH		
18	202	CURB REMOVED	5,493	FT		
19	202	GUARDRAIL REMOVED	12,627	FT		
20	202	GUARDRAIL REMOVED, BARRIER DESIGN	1,422	FT		
21	202	APPROACH SLAB REMOVED	1,206	SQ YD		
22	202	CONCRETE BARRIER REMOVED	395	FT		
23	202	PAVEMENT REMOVED	73,527	SQ YD		
24	203	EXCAVATION	24,804	CU YD		
25	254	PAVEMENT PLANING, ASPHALT CONCRETE	108,709- 111,259	SQ YD		
26	SP536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	160	SQ YD		
27	606	GUARDRAIL, TYPE 5, USING STEEL POST	12,665.75	FT		
28	606	GUARDRAIL, BARRIER DESIGN, USING STEEL POST	1,425	FT		
29	606	ANCHOR ASSEMBLY, TYPE T, USING STEEL POST	7	EACH		
30	606	BRIDGE TERMINAL ASSEMBLY, TYPE 1, USING STEEL POST	12	EACH		
31	606	BRIDGE TERMINAL ASSEMBLY, TYPE 2, USING STEEL POST	7	EACH		
32	606	IMPACT ATTENUATOR, TYPE I (UNIDIRECTIONAL)	1	EACH		
33	SP606E	ANCHOR ASSEMBLY, TYPE E (ET-2000 PLUS)	12	EACH		
34	609	CURB, TYPE 4-A	280	FT		
35	609	ASPHALT CONCRETE CURB, PG64-22 STANDARD, TYPE 1	5,444	FT		
36	SP611	CLASS C, CONCRETE APPROACH SLAB USING TYPE I CEMENT (T=12")	943	SQ YD		
37	622	CONCRETE BARRIER TYPE D, AS PER PLAN	217	FT		
38	622	CONCRETE BARRIER, TYPE B-50, AS PER PLAN	380	FT		
39	SP622A	TEMPORARY PORTABLE BARRIER	154	FT		
40	SP625	CONDUIT, 4" WITH 3 CELL INNERDUCT, 725.05	380	FT		
41	SP625	CONDUIT, 4" WITH 4 CELL INNERDUCT, 725.05	380	FT		
42	626	BARRIER REFLECTOR, TYPE A	216	EACH		
43	626	BARRIER REFLECTOR, TYPE B	8	EACH		
TOTAL - PART B, ROADWAY						

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	HOUR		
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 1,514	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 CROSSTRAFFIC, PG64-22	81	CU YD		
86	SP404A	JOINT SEALER	32,187	FT		
87	SP407	TACK COAT	6,675 8,078	GALLON		
88	SP407	TACK COAT FOR INTERMEDIATE COURSE	1,596 6,836	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 5.45	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						

ARTICLE 3

- 3.1 The Contractor shall diligently prosecute the Work and shall complete all Work so that Final Completion (including all Contract items and Punch List items) occurs on or before October 26, 2012 for Contract No. 39-12-01 (see SP 103 for additional milestones), unless an extension of time is granted by the Commission in accordance with the Contract Documents. The period of time described in this paragraph is referred to as the time for Contract Completion.
- 3.2 All Work to be performed under the Contract shall be completed within the time for Contract Completion, unless the Contractor timely requests and the Commission grants an extension of time in accordance with the Contract Documents.
- 3.3 Failure to have all Work completed within the time for Contract Completion, shall entitle the Commission to retain or recover from the Contractor, as Liquidated Damages, and not as a penalty, the applicable amount set forth in the following table for each and every day thereafter until Contract Completion, unless the Contractor timely requests and the Commission grants an extension of time in accordance with the Contract Documents. Completion dates shall be as set forth in the Special Provisions or Specifications.

MILESTONE DESCRIPTION, MILESTONE DATES AND LIQUIDATED DAMAGES

Milestone Description (per SP 103)

Milestone Dates

The Contractor shall commence Work:	Within five (5) days after the date the Notice to Proceed has been issued by the Chief Engineer.
No Work for this Contract will be permitted, per SP 103 Part (A):	Prior to sunrise April 2, 2012.
Part A Work must be complete prior to switching traffic into the Part B, Phase A, Step 1, Maintenance of Traffic pattern, per SP 103 Part (B):	N/A
The entire Project, both Part A and Part B, shall be Substantially Complete, per SP 103 Part (C):	On or before October 12, 2012.
Liquidated damages for failure to meet the Substantial Completion milestone, per SP 103 Part (D):	Commence on October 13, 2012.
All Punch List items for this Contract shall be completed in strict accordance with the Plans, Specifications, Special Provisions, and other Contract Documents, per SP 103 Part (E):	On or before October 26, 2012.
Liquidated damages for failure to meet the Final Completion deadline and complete all Punch List items, per SP 103 Part (F):	Commence on October 27, 2011-2012.

For each calendar day that Work required to be performed within the above-specified Substantial Completion deadline remains uncompleted on Contract No. 39-12-01, the amount of two-thousand dollars (\$2,000.00), per day, shall be