

January 17, 2012

SUBJECT: FAI Route 64 (I-64) Project ACIM-064-1 (129) 004 Section 82-(3,4)RS St. Clair County Contract No. 76415 Item No. 91, January 20, 2012 Letting Addendum B

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

- 1. Replaced the Schedule of Prices.
- 2. Revised sheets 6, 7 and 68 of the Plans.
- 3. Revised pages 24 and 25 of the Special Provisions.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

John Baranzelli, Acting Engineer of Design and Environment

Terter abechlyon AE.

By: Ted B. Walschleger, P. E. Engineer of Project Management

cc: Omer M. Osman, Region 5, District 8; Mike Renner; D.Carl Puzey; Estimates

TBW:DB:jc

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C-98-106-01 State Job # -PPS NBR -8-84760-0000 County Name -ST CLAIR- -Code -163 - -8 - -District -

Project Number ACIM-0641/129/004 Route

FAI 64

Section Number -82-(3,4)RS

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0322194	POLY MOD P C MORTAR	SQ FT	14.000				
X0323491	SLOPE WALL CRACK SEAL	FOOT	48.000				
X0323833	DYNAMIC MESSAGE SIGN	EACH	4.000				
X0325279	CLASS SI CONC (MISC)	CU YD	19.000				
X0325893	CLEAN EX END SECTION	EACH	2.000				
X0326677	REM HT CBL MEDIAN BAR	FOOT	7,731.000				
X0502600	TEMP LIGHTING	L SUM	1.000				
X4060995	TEMPORARY RAMP SPL	SQ YD	100.000				
X4400600	END SECTIONS REMOVED	EACH	2.000				
X4402020	CONC MEDIAN SURF REM	SQ FT	891.000				
X4421000	PARTIAL DEPTH PATCH	TON	1,813.000				
X5010522	REM CONC END SEC	EACH	3.000				
X6350120	DELINEATOR REMOVAL	EACH	248.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7330070	OVHD SN SUP GROUT REP	EACH	5.000				

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Section Number - 82-(3,4)RS

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*REV X7330090	METAL SCREEN	EACH	5.000				
X7330094	INTERNAL TRUSS DAMPER	EACH	1.000				
X7330112	SAFETY CHAIN	EACH	8.000				
X7333095	OVHD SIN STR-SPAN SPL	FOOT	67.500				
X7360106	REMOVE OHSS SPAN SPL	EACH	1.000				
X7830070	GRV RCSD PVT MRKG 5	FOOT	2,096.000				
X7830076	GRV RCSD PVT MRKG 9	FOOT	580.000				
X8360120	LIGHT POLE FDN SPL	EACH	12.000				
X8440110	REL EX LP W/LUMINAIRE	EACH	12.000				
Z0001899	JACK & REM EX BEARING	EACH	156.000				
Z0001903	STRUCT STEEL REMOV	POUND	1,280.000				
Z0004556	HMA SURFACE RM (DECK)	SQ YD	6,954.000				
Z0005300	BOX CUL TO BE CLEANED	EACH	1.000				
Z0007101	C&D LEAD PT CL RS N1	L SUM	1.000				
Z0007102	C&D LEAD PT CL RS N2	L SUM	1.000				

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 Soction Number 82-(2.4)PS

Project Number ACIM-0641/129/004 Route

FAI 64

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Section Number -	82-(3,4)RS
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ltem Number		Unit of					- () - (
NUTIDEI	Pay Item Description	Measure	Quantity	X	Unit Price	=	Total Price
Z0010400	CLEANING BRIDGE SEATS	SQ FT	2,769.000				
Z0010605	CLEAN DRAINAGE SYSTEM	L SUM	1.000				
Z0010615	CLEAN EX INLETS	EACH	6.000				
Z0012130	BR DECK SCAR 3/4	SQ YD	2,660.000				
Z0012166	BR DK MIC C OVL 2 3/4	SQ YD	2,660.000				
Z0012754	STR REP CON DP = < 5	SQ FT	306.000				
Z0012755	STR REP CON DP OVER 5	SQ FT	55.000				
Z0015802	PLUG EX DK DRAINS	EACH	20.000				
Z0018302	DRAINAGE STR T1 SPL	EACH	47.000				
Z0021908	SILICONE JT SEAL 2	FOOT	84.000				
Z0029652	HT CBL MEDIAN BARRIER	FOOT	6,885.000				
Z0029654	HT CBL MED BAR TERM	EACH	10.000				
Z0029999	IMPACT ATTENUATOR REM	EACH	2.000				
Z0030250	IMP ATTN TEMP NRD TL3	EACH	2.000				
Z0030270	IMP ATTN TEMP FRW TL3	EACH	8.000				

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35101100 AGG BASE CSE A 12

Project Number ACIM-0641/129/004 Route

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0030330	IMP ATTN REL FRD TL3	EACH	4.000				
Z0030350	IMP ATTN REL NRD TL3	EACH	2.000				
Z0032470	JOINT SEALER	FOOT	442.000				
Z0038115	PCC SUR REM 1/2	SQ YD	113,791.000				
Z0041895	POLYMER CONCRETE	CU FT	25.000				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000				
Z0076600	TRAINEES	HOUR	3,000.000		0.800		2,400.
20200500	EARTH EXC WID	CU YD	3,729.000				
20300100	CHANNEL EXCAVATION	CU YD	809.000				
20700220	POROUS GRAN EMBANK	CU YD	772.000				
28100103	STONE RIPRAP CL A2	SQ YD	194.000				
28100105	STONE RIPRAP CL A3	SQ YD	43.000				
28100107	STONE RIPRAP CL A4	SQ YD	1,315.000				
31100300	SUB GRAN MAT A 4	SQ YD	15,890.000				
							1

370.000

SQ YD

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2,400.000

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
35102000	AGG BASE CSE B 8	SQ YD	619.000				
40600200	BIT MATLS PR CT	TON	152.400				
40600300	AGG PR CT	TON	578.200				
40600982	HMA SURF REM BUTT JT	SQ YD	12,349.000				
40600985	PCC SURF REM BUTT JT	SQ YD	3,292.000				
40600990	TEMPORARY RAMP	SQ YD	5,103.000				
40603090	HMA BC IL-19.0 N90	TON	9,050.000				
40603153	P HMA SC SMA N80	TON	12,634.000				
40603243	P HMA BC IL19.0FGN90	TON	14,121.000				
40603315	HMA SC "C" N70	TON	333.000				
40603345	HMA SC "D" N90	TON	1,810.000				
40603570	P HMA SC "E" N90	TON	421.000				
44000100	PAVEMENT REM	SQ YD	15,890.000				
44001980	CONC BARRIER REMOV	FOOT	3,803.000				
44022025	PARTIAL DEPTH REM 2	SQ YD	16,188.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44200529	CL A PATCH T2 8	SQ YD	492.000				
44200533	CL A PATCH T3 8	SQ YD	231.000				
44200535	CL A PATCH T4 8	SQ YD	346.000				
44213000	PATCH REINFORCEMENT	SQ YD	947.000				
44213200	SAW CUTS	FOOT	5,490.000				
44213204	TIE BARS 3/4	EACH	127.000				
48102100	AGG WEDGE SHLD TYPE B	TON	3,836.000				
48203100	HMA SHOULDERS	TON	13,561.000				
50102400	CONC REM	CU YD	187.800				
50104400	CONC HDWL REM	EACH	27.000				
50104650	SLOPE WALL REMOV	SQ YD	611.000				
50157300	PROTECTIVE SHIELD	SQ YD	360.000				
50300255	CONC SUP-STR	CU YD	206.200				
50300260	BR DECK GROOVING	SQ YD	2,913.000				
50300300	PROTECTIVE COAT	SQ YD	4,286.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
50500405	F & E STRUCT STEEL	POUND	37,430.000				
50606701	C & P STRUCT STL L1	L SUM	1.000				
50606702	C & P STRUCT STL L2	L SUM	1.000				
50800205	REINF BARS, EPOXY CTD	POUND	31,480.000				
50800515	BAR SPLICERS	EACH	208.000				
51100100	SLOPE WALL 4	SQ YD	611.000				
52000110	PREF JT STRIP SEAL	FOOT	819.000				
52100010	ELAST BEARING ASSY T1	EACH	132.000				
52100020	ELAST BEARING ASSY T2	EACH	24.000				
52100520	ANCHOR BOLTS 1	EACH	312.000				
54213459	END SECTIONS 24	EACH	2.000				
54213669	PRC FLAR END SEC 24	EACH	2.000				
54213681		EACH	1.000				
54248510		CU YD	17.000				
	INSERT CUL LIN 24	FOOT	279.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
550A0050	STORM SEW CL A 1 12	FOOT	360.000				
550A0410	STORM SEW CL A 2 24	FOOT	22.000				
55101200	STORM SEWER REM 24	FOOT	28.000				
58100200	WATERPRF MEMBRANE SYS	SQ YD	4,947.000				
60100060	CONC HDWL FOR P DRAIN	EACH	27.000				
60100074	SHOULDER REM & REPL 8	FOOT	40,029.000				
60107700	PIPE UNDERDRAINS 6	FOOT	39,459.000				
60108200	PIPE UNDERDRAIN 6 SP	FOOT	1,000.000				
60237420	INLETS TA T20F&G	EACH	45.000				
60240324	INLETS TB T20F&G	EACH	2.000				
60260100	INLETS ADJUST	EACH	100.000				
60618300	CONC MEDIAN SURF 4	SQ FT	675.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	4,387.500				
63000017	SPBGR TY D 6FT POSTS	FOOT	487.500				
63100045	TRAF BAR TERM T2	EACH	9.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
63100085	TRAF BAR TERM T6	EACH	9.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	7.000				
63100169	TR BAR TRM T1 SPL FLR	EACH	5.000				
63200310	GUARDRAIL REMOV	FOOT	4,928.000				
63500105	DELINEATORS	EACH	248.000				
63700175	CONC BAR 1F 42HT	FOOT	688.000				
63700255	CONC BAR 2F 32HT	FOOT	250.000				
63700275	CONC BAR 2F 42HT	FOOT	2,882.000				
63700805	CONC BAR TRANS	FOOT	10.000				
64200116	SHOULDER RUM STRIP 16	FOOT	51,157.000				
64300260	IMP ATTEN FRD NAR TL3	EACH	2.000				
67000400	ENGR FIELD OFFICE A	CAL MO	11.000				
67100100	MOBILIZATION	L SUM	1.000				
70100405	TRAF CONT-PROT 701321	EACH	2.000				
70100420	TRAF CONT-PROT 701411	EACH	1.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
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70100500	TRAF CONT-PROT 701326	L SUM	1.000				
70100700	TRAF CONT-PROT 701406	L SUM	1.000				
70100800	TRAF CONT-PROT 701401	L SUM	1.000				
70100815	TRAF CONT-PROT 701446	L SUM	1.000				
70100825	TRAF CONT-PROT 701456	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	130.000				
70106500	TEMP BR TRAF SIGNALS	EACH	2.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	60.000				
70200100	NIGHT WORK ZONE LIGHT	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	29,461.000				
70300220	TEMP PVT MK LINE 4	FOOT	154,206.000				
70300250	TEMP PVT MK LINE 8	FOOT	23,370.000				
70300280	TEMP PVT MK LINE 24	FOOT	48.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	23,936.000				
70400100	TEMP CONC BARRIER	FOOT	5,255.000				

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Project Number ACIM-0641/129/004 Route

FAI 64

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Section Number - 82-(3,4)RS

ltem Number	Day Itom Departmention	Unit of Measure	Quantity		Unit Price	_	Total Drian
Number	Pay Item Description	Weasure	Quantity	X	Unit Price	=	Total Price
70400200	REL TEMP CONC BARRIER	FOOT	2,575.000				
72000300	SIGN PANEL T3	SQ FT	2,836.000				
72400330	REMOV SIGN PANEL T3	SQ FT	3,162.000				
73301810	OSS WALKWAY TY A	FOOT	36.000				
73602000	REM OVHD SN STR-BR MT	EACH	1.000				
*DELETE 73801100	REM RE OH SN STR-SPAN	EACH	1.000				
78003110	PREF PL PM TB LINE 4	FOOT	2,096.000				
78003140	PREF PL PM TB LINE 8	FOOT	580.000				
78004210	PREF PL PM TB INL L4	FOOT	61,494.000				
78004240	PREF PL PM TB INL L8	FOOT	18,790.000				
78100100	RAISED REFL PAVT MKR	EACH	1,426.000				
78100105	RAISED REF PVT MKR BR	EACH	63.000				
78200410	GUARDRAIL MKR TYPE A	EACH	66.000				
78201000	TERMINAL MARKER - DA	EACH	12.000				
78300200	RAISED REF PVT MK REM	EACH	1,488.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
80300100	LOCATE UNDERGR CABLE	FOOT	70.000				
81028200	UNDRGRD C GALVS 2	FOOT	280.000				
81028220	UNDRGRD C GALVS 3	FOOT	130.000				
81200230	CON EMB STR 2 PVC	FOOT	2,306.000				
81200250	CON EMB STR 3 PVC	FOOT	10.000				
81300986	JUN BX SS ES 8X24X10	EACH	4.000				
81702410	EC C XLP USE 3-1C 4	FOOT	960.000				
81702415	EC C XLP USE 3-1C 6	FOOT	1,432.000				
84200500	REM LT UNIT SALV	EACH	8.000				
89502350	REM & RE ELCBL FR CON	FOOT	870.000				

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FAI Route 64 (I-64) Project ACIM-064-1 (129) 004 Section 82-(3,4)RS St. Clair County Contract No. 76415

	Contraction					
Dust / AC Pay Adjustment Table ^{1/}						
Range	Deduct / sublot					
0.6 ≤ X ≤ 1.2	\$0					
$0.5 \le X < 0.6$ or $1.2 < X \le 1.4$	\$1000					
$0.4 \le X < 0.5$ or $1.4 < X \le 1.6$	\$3000					
X < 0.4 or X > 1.6	Shall be removed and replaced					
1/ Dees not emply to CMA	· · · · · · · · · · · · · · · · · · ·					

1/ Does not apply to SMA

IMPACT ATTENUATOR REMOVAL

Description of Work: This work shall consist of removing and the proper disposal of two complete impact attenuators.

Method of Measurement: This work shall be measured per each impact attenuator.

Basis of Payment: This work shall be paid for at the contract unit price per each for IMPACT ATTENUATOR REMOVAL

INCENTIVE/DISINCENTIVE

This Incentive/Disincentive provision will apply to the work included in the Stage Construction phase of this contract for SN 082-0167 and 082-0168, as described in the contract plans and these special provisions. The contractor shall have 11 successive calendar days to setup traffic control, complete all of the structure work as shown in the plans associated with stage 1 for SN 082-0167 and 082-0168, and have three lanes of traffic open as shown in stage 1A. The contractor shall have 11 successive calendar days to setup traffic control, complete all of the structure work as shown in the plans associated with stage 2 for SN 082-0167 and 082-0168 and have three lanes of traffic open as shown in stage 2A. Included in each stage of construction, the contractor shall also complete all of the structure work as shown in the plans for SN 082-0167 and 082-0168 which requires less than three open lanes of traffic. Any additional lane closures leaving less than three open lanes of traffic for the structure work will be included in the calendar days as mentioned in this provision.

The preformed joint strip seal for SN 082-0167 and 082-0168 can be installed during stage construction as shown in the plans or separately after stage construction. If the contractor elects to install the preformed joint strip seal separately after stage construction, any lane closures will be included in the calendar days as mentioned in this provision.

Failure to complete the work on time: Should the Contractor fail to complete the required work as noted in this provision by the prescribed completion time or within such extended time allowed by the Department, the Contractor shall be liable to the Department in the amount of \$25,000 per day, not as a penalty but as liquidated and ascertained damages for each calendar day beyond the specified completion time or extended time as may be allowed. Such damages may be deducted by the Department from any monies due the Contractor.

In fixing the damages as set out herein, the desire is to establish a certain mode of calculation for the work because the Department's actual loss, in the event of delay, cannot be predetermined, would be difficult to ascertain, and be a matter of argument and unprofitable litigation. This mode is an equitable rule for measurement of the Department's actual loss and fairly takes into account the loss of use of the roadway.

Revised 01/17/12

FAI Route 64 (I-64) Project ACIM-064-1 (129) 004 Section 82-(3,4)RS St. Clair County Contract No. 76415 Furthermore, no provision of this clause shall be construed as a penalty, as such is not the intention of the parties.

Incentive Payment Plan: The nature of this project is such that the use of this roadway cannot be safely and efficiently used until the work as described in this provision is complete. On this basis, the Contractor shall be entitled to an Incentive Payment for the completion of all such work by the prescribed completion time.

The Incentive Payment shall be paid at the rate of \$25,000 for each calendar day not used. The maximum payment under this incentive plan will be limited to five (5) calendar days in which the work is completed prior to each prescribed completion time.

Should the Contractor be delayed in the commencement, prosecution, or completion of the work for any reason, there shall be no extension of the incentive payment completion time even though there may be granted an extension of time for completion of the work unless significant extra work is added to the contract by the Department. No Incentive Payment will be made if the Contractor fails to complete the work before the prescribed completion time

JOINT SEALER

<u>Description:</u> This work shall consist of furnishing of all labor, material and equipment necessary to remove the existing sealing compound and replace it with a non-staining gray one component non-sag elastomeric gun grade polyurethane sealant meeting the requirements of ASTM C-920, Type S, Grade NS, Class 25 as shown in the plan details and in accordance with the applicable provisions of Section 503 and as herein specified.

<u>General:</u> The existing joint seal shall be removed prior to reshaping the joint or shall be saw cut out during the reshaping of the joint. The joint sealant shall be installed in a clean joint according to Article 420.12.

Method of Measurement: This work will be measured for payment in feet, complete in place.

Basis of Payment: Removal and replacement of parapet joint seal will be paid for at the contract unit price per foot for JOINT SEALER, which shall include all work specified.

LIGHT POLE FOUNDATION, SPECIAL

This work shall consist of furnishing materials, equipment and labor to construct a light pole foundation, in place, integral with the concrete median barrier at the locations shown on the plans, as specified herein, and in accordance with the applicable portions of the Standard Specifications.

Concrete shall be Class SI comply with Section 1020 of the Standard Specifications.

Epoxy coated reinforcement bars shall comply with Article 1006.10 of the Standard Specifications.

Anchor rods shall be full length hot-dip galvanized and shall comply with Article 1070.02 of the Standard Specifications. Unless otherwise indicated, conduit shall be heavy wall rigid polyvinylchloride (PVC) conduit, Schedule 40, UL listed and in conformance with Article 1088.01 of the Standard Specifications. Conduits shall be of the number and size indicated.

Revised 01/17/12