



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

September 2, 2010

SUBJECT: FAI Route 55 (I-55)
Project ACIM-055-1 (082) 020
Section 60-(1,2) RS-2
Madison County
Contract No. 76C93
Item No. 63, September 17, 2010 Letting
Addendum A

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 1, 2 and 7 of the Plans.
3. Added sheets 156A, 156B and 156C to the Plans.
4. Revised page iii of the Table of Contents to the Special Provisions.
5. Revised page 9 of the Special Provisions.
6. Added pages 152, 153 and 154 to 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,

Scott E. Stitt, P.E.
Acting Engineer of Design and Environment

A handwritten signature in cursive script, appearing to read "Ted B. Walschleger" followed by a small "P.E." to the right.

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

cc: Mary C. Lamie, Region 5, District 8; Mike Renner; Estimates

TBW:DB:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 76C93

State Job # - C-98-034-09
 PPS NBR - 8-00239-0000
 County Name - MADISON -
 Code - 119 - -
 District - 8 - -
 Section Number - 60-(1,2)RS-2

Project Number
 ACIM-0551/082/020

Route
 FAI 55

* REVISED : SEPTEMBER 2, 2010

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0301735	CONC HEADWALL REPAIR	EACH	1.000				
X0322654	GRAD & SHAP MED D CHK	EACH	6.000				
X0324743	SUBGRD REINFORCEMENT	SQ YD	7,978.000				
X0325420	INSTALL FURNISH SIGNS	EACH	24.000				
X0325606	HT CBL MED BAR DEMO	EACH	1.000				
X0326677	REM HT CBL MEDIAN BAR	FOOT	57,398.000				
X0326687	REM HTC MED BAR TERM	EACH	18.000				
X0326692	MOT AID CALL BOX REM	EACH	1.000				
X0976500	END SECTIONS REMOVED	EACH	8.000				
X4421000	PARTIAL DEPTH PATCH	TON	19.000				
X4422025	PARTIAL DEPTH REM 2	SQ YD	166.000				
X4830030	PCC SHOULDERS 8 SPL	SQ YD	13,109.000				
X7830074	GRV RCSD PVT MRKG 7	FOOT	7,888.000				
X7830078	GRV RCSD PVT MRKG 13	FOOT	5,627.000				
* X8570000	SMART TRAF MONIT SYS	L SUM	1.000				

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Z0012710	CONC HDWL - P UNDR RM	EACH	402.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0014800	CULVERT TO BE CLEANED	FOOT	3,285.000				
Z0017202	DOWEL BARS 1 1/2	EACH	1,668.000				
Z0018500	DRAINAGE STR CLEANED	EACH	62.000				
Z0026346	NIGHT WORK ZONE LIGHT	L SUM	1.000				
Z0026407	TEMP SHT PILING	SQ FT	694.000				
Z0029652	HT CBL MEDIAN BARRIER	FOOT	57,438.000				
Z0029654	HT CBL MED BAR TERM	EACH	20.000				
Z0030150	IMPACT ATTN NRD TL3	EACH	1.000				
Z0030260	IMP ATTN TEMP FRN TL3	EACH	5.000				
Z0030330	IMP ATTN REL FRD TL3	EACH	5.000				
Z0034105	MATL TRANSFER DEVICE	TON	95,047.000				
Z0055605	RUBBLIZING PCC PAVT	SQ YD	287,602.000				
Z0075310	TIE BARS 3/4	EACH	1,200.000				

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Z0076600	TRAINEES	HOUR	2,500.000		0.800		2,000.000
20100110	TREE REMOV 6-15	UNIT	24.000				
20100210	TREE REMOV OVER 15	UNIT	40.000				
20200100	EARTH EXCAVATION	CU YD	2,490.000				
20300100	CHANNEL EXCAVATION	CU YD	1,000.000				
20400800	FURNISHED EXCAVATION	CU YD	18,350.000				
25000200	SEEDING CL 2	ACRE	75.000				
25000400	NITROGEN FERT NUTR	POUND	6,750.000				
25000500	PHOSPHORUS FERT NUTR	POUND	6,750.000				
25000600	POTASSIUM FERT NUTR	POUND	6,750.000				
25100115	MULCH METHOD 2	ACRE	75.000				
25100630	EROSION CONTR BLANKET	SQ YD	1,608.000				
28000250	TEMP EROS CONTR SEED	POUND	7,500.000				
28000305	TEMP DITCH CHECKS	FOOT	3,438.000				
28000400	PERIMETER EROS BAR	FOOT	3,200.000				

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28000500	INLET & PIPE PROTECT	EACH	68.000				
28100103	STONE RIPRAP CL A2	SQ YD	25,972.000				
28200200	FILTER FABRIC	SQ YD	25,972.000				
31100300	SUB GRAN MAT A 4	SQ YD	50,790.000				
31101900	SUB GRAN MAT C	TON	2,938.000				
35101100	AGG BASE CSE A 12	SQ YD	20,122.000				
35600724	HMA BC WID 12	SQ YD	50,773.000				
40600200	BIT MATLS PR CT	TON	262.000				
40600300	AGG PR CT	TON	1,381.000				
40600982	HMA SURF REM BUTT JT	SQ YD	5,502.000				
40600985	PCC SURF REM BUTT JT	SQ YD	2,589.000				
40600990	TEMPORARY RAMP	SQ YD	1,126.000				
40603090	HMA BC IL-19.0 N90	TON	117,654.000				
40603153	P HMA SC SMA N80	TON	38,629.000				
40603240	P HMA BC IL19.0 N90	TON	56,418.000				

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40800050	INCIDENTAL HMA SURF	TON	121.000				
42001430	BR APPR PVT CON (FLX)	SQ YD	128.000				
42100380	CONT REINF PCC PVT 14	SQ YD	7,978.000				
42100615	PAVT REINFORCEMENT	SQ YD	7,978.000				
42101300	PROTECTIVE COAT	SQ YD	7,978.000				
44000100	PAVEMENT REM	SQ YD	8,106.000				
44000198	HMA SURF REM VAR DP	SQ YD	320,705.000				
44000300	CURB REM	FOOT	3,861.000				
44004250	PAVED SHLD REMOVAL	SQ YD	75,759.000				
44200934	CL B PATCH T2 8	SQ YD	249.000				
44200956	CL B PATCH T2 9	SQ YD	443.000				
44200962	CL B PATCH T3 9	SQ YD	20.000				
44201794	CL D PATCH T3 12	SQ YD	66.000				
44213100	PAVEMENT FABRIC	SQ YD	20.000				
44213200	SAW CUTS	FOOT	4,621.000				

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48101200	AGGREGATE SHLDS B	TON	18,836.000				
48203045	HMA SHOULDERS 12	SQ YD	5,742.000				
48203100	HMA SHOULDERS	TON	74,836.000				
50104400	CONC HDWL REM	EACH	5.000				
50105220	PIPE CULVERT REMOV	FOOT	2,298.000				
50300225	CONC STRUCT	CU YD	36.000				
50800105	REINFORCEMENT BARS	POUND	250.000				
50800205	REINF BARS, EPOXY CTD	POUND	3,120.000				
50800515	BAR SPLICERS	EACH	192.000				
54001001	BOX CUL END SEC C1	EACH	2.000				
54002020	EXPAN BOLTS 3/4	EACH	208.000				
54010803	PCBC 8X3	FOOT	148.000				
542A0217	P CUL CL A 1 12	FOOT	512.000				
542A0220	P CUL CL A 1 15	FOOT	166.000				
542A0223	P CUL CL A 1 18	FOOT	500.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
542A0229	P CUL CL A 1 24	FOOT	798.000				
542A0235	P CUL CL A 1 30	FOOT	120.000				
542JA054	P CUL CL A 54 JKD	FOOT	362.000				
54213660	PRC FLAR END SEC 15	EACH	2.000				
54213663	PRC FLAR END SEC 18	EACH	5.000				
54213669	PRC FLAR END SEC 24	EACH	20.000				
54213675	PRC FLAR END SEC 30	EACH	4.000				
54215424	CIP RC END SEC 24	EACH	1.000				
54215454	CIP RC END SEC 54	EACH	2.000				
54215979	R C PIPE ELBOW 24	EACH	4.000				
54244405	FL INLT BX MED 542546	EACH	4.000				
54248510	CONCRETE COLLAR	CU YD	8.000				
54390090	INSERT CUL LIN 12	FOOT	192.000				
54390230	INSERT CUL LIN 36	FOOT	222.000				
59300100	CONTR LOW-STRENG MATL	CU YD	2.800				

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60100060	CONC HDWL FOR P DRAIN	EACH	402.000				
60100074	SHOULDER REM & REPL 8	FOOT	21,005.000				
60100081	SHOULDER REM/REPL 12	FOOT	120,265.000				
60102005	PIPE DRAINS 12 SPL	FOOT	210.000				
60107700	PIPE UNDERDRAINS 6	FOOT	258,235.000				
60108200	PIPE UNDERDRAIN 6 SP	FOOT	9,472.000				
60222805	MAN TA 5D M IN 604106	EACH	1.000				
60240215	INLETS TB T1F CL	EACH	2.000				
60240366	INLET TB M INL 604106	EACH	1.000				
60500060	REMOV INLETS	EACH	5.000				
60900515	CONC THRUST BLOCKS	EACH	3.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	10,537.500				
63100045	TRAF BAR TERM T2	EACH	13.000				
63100085	TRAF BAR TERM T6	EACH	6.000				
63100089	TRAF BAR TERM T6B	EACH	9.000				

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63100167	TR BAR TRM T1 SPL TAN	EACH	21.000				
63200310	GUARDRAIL REMOV	FOOT	11,715.000				
63500105	DELINEATORS	EACH	467.000				
63500120	DELINEATOR REMOVAL	EACH	117.000				
64200105	SHOULDER RUMBLE STRIP	FOOT	237,634.000				
66101150	HMA SHLD CURB	FOOT	3,677.000				
67000400	ENGR FIELD OFFICE A	CAL MO	12.000				
67000600	ENGR FIELD LAB	CAL MO	12.000				
67100100	MOBILIZATION	L SUM	1.000				
70100420	TRAF CONT-PROT 701411	EACH	12.000				
70100450	TRAF CONT-PROT 701201	L SUM	1.000				
70100700	TRAF CONT-PROT 701406	L SUM	1.000				
70100800	TRAF CONT-PROT 701401	L SUM	1.000				
70100820	TRAF CONT-PROT 701451	L SUM	1.000				
70100825	TRAF CONT-PROT 701456	L SUM	1.000				

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70103815	TR CONT SURVEILLANCE	CAL DA	50.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	144.000				
70300100	SHORT-TERM PAVT MKING	FOOT	21,376.000				
70300220	TEMP PVT MK LINE 4	FOOT	17,604.000				
70300240	TEMP PVT MK LINE 6	FOOT	269,425.000				
70300250	TEMP PVT MK LINE 8	FOOT	8,920.000				
70300260	TEMP PVT MK LINE 12	FOOT	5,627.000				
70300520	PAVT MARK TAPE T3 4	FOOT	463,706.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	15,176.000				
70400100	TEMP CONC BARRIER	FOOT	5,412.500				
70400200	REL TEMP CONC BARRIER	FOOT	5,412.500				
72000100	SIGN PANEL T1	SQ FT	280.000				
72000200	SIGN PANEL T2	SQ FT	21.000				
72000300	SIGN PANEL T3	SQ FT	4,192.000				
72400310	REMOV SIGN PANEL T1	SQ FT	106.000				

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72700100	STR STL SIN SUP BA	POUND	2,310.000				
72800100	TELES STL SIN SUPPORT	FOOT	696.000				
73400100	CONC FOUNDATION	CU YD	4.200				
78003100	PREF PL PM TB LTR-SYM	SQ FT	695.000				
78003150	PREF PL PM TB LINE 12	FOOT	5,627.000				
78004210	PREF PL PM TB INL L4	FOOT	17,604.000				
78004230	PREF PL PM TB INL L6	FOOT	269,425.000				
78004240	PREF PL PM TB INL L8	FOOT	8,920.000				
78100100	RAISED REFL PAVT MKR	EACH	3,417.000				
78100105	RAISED REF PVT MKR BR	EACH	12.000				
78200410	GUARDRAIL MKR TYPE A	EACH	118.000				
78200530	BAR WALL MKR TYPE C	EACH	432.000				
78201000	TERMINAL MARKER - DA	EACH	21.000				
78300100	PAVT MARKING REMOVAL	SQ FT	143,546.000				
78300200	RAISED REF PVT MK REM	EACH	3,425.000				

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80300100	LOCATE UNDERGR CABLE	FOOT	59,598.000				

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Revised 09/02/2010

TRAFFIC CONTROL PLAN

Effective: July 12, 1993

Revised: May 12, 1997

Traffic control shall be in accordance with the applicable sections of the "Standard Specifications for Road and Bridge Construction", the applicable guidelines contained in the "National Manual on Uniform Traffic Control Devices for Streets and Highways", Illinois Supplement to the National Manual of Uniform Traffic Control Devices, these Special Provisions, and any special details and Highway Standards contained herein and in the plans.

Special attention is called to Articles 107.09 and 107.14 of the "Standard Specifications for Road and Bridge Construction and the following Highway Standards relating to traffic control:

701101	701106	701400	701401	701406	701411
701426	701451	701456	701901	BLR 18-5	

In addition, the following Special Provision(s) will also govern traffic control for this project:

- Partial Exit Ramp Closure for Freeway/Expressway
- Personal Protective Equipment
- Public Convenience and Safety
- Ramp Closure for Freeway/Expressway
- Reflective Sheeting on Channelizing Devices
- Impact Attenuators, Temporary
- Construction and Maintenance Sign Supports
- Stage Construction Plan
- Interchange Ramp Construction
- Rest Area Access
- Cooperation Between Contractors
- Work During Peak Hours
- Penalty During Peak Hours
- Smart Traffic Monitoring System**

CONSTRUCTION AND MAINTENANCE SIGN SUPPORTS

Effective: April 21, 1981

Revised: November 1, 2006

This work shall be done according to Section 1106 of the Standard Specifications and Highway Standard 701901 except as herein modified.

All construction signs mounted on permanent support for use in temporary traffic control having an area of 10 square feet (1 square meter) or more shall be mounted on two 4 in x 4 in (100 mm x 100 mm) or two 4 in x 6 in (100 mm x 150 mm) wood posts.

Type A metal post (two for each sign) conforming to Article 1006.29 of the Standard Specifications may be used in lieu of wood posts. Type A metal posts used for these signs may be unfinished.

This work shall not be paid for separately; but shall be considered included in the cost of the traffic control items in this contract.

Revised 09/02/2010

SMART TRAFFIC MONITORING SYSTEM

Description: This work shall consist of furnishing, installing, maintaining, removing, and programming various components of an automated Smart Traffic Monitoring (STM) System. The STM System will cover three State roadway projects as detailed in the contract plans. This work shall be done according to section 701 of the Standard Specifications, as detailed in the plans, described herein, and as directed by the Engineer.

Lane Closures: The STM System must be able to display dynamic messages from the System for lane closures at a single location and a lane closure at multiple locations on the following projects:

FAI 55
Section 60-(1,2)RS-2
Madison County
Rubblizing and resurfacing FAI 55 from 0.3 miles north of FAI 70/270 to 1.3 miles north of IL 140.
Contract Number: 76C93

FAI 70
Section 60-10K-1, 60-10HB
Madison County
Bridge replacement and new interchange at the FAI 55/70/162 interchange.
Contract Number: 76709

FAI 55
Section 60-3RS-1, 60-(3HB,3HB-1)
Madison County
Resurfacing, bridge repair, and deck overlay on FAI from approximately 0.5 north of IL Route 4 to the Macoupin County line.
Contract Number: 76601

Schedule: The STM System shall be 100% operable seven days prior to the Contractor closing a lane of traffic on contract 76C93. The STM System must be in operation 24 hours a days and 7 days per week until December 31, 2011.

Function: The components include Smart Monitoring Devices (SMD), changeable message signs, and control software for various communication functions. The main purpose of the STM System is to collect real time vehicle data at various locations prior to and within lane closures to alert drivers of delay times through the lane closure, of stopped traffic ahead, and of alternate route options. The real time vehicle data should then be input into control software which communicates to displays messages on changeable message signs. The messages should be in real time and dynamic based on the data collected at the SWZ monitoring points. In addition, the STM System should also have the capability to inform the District Office of traffic delays via the internet or through the District's Traffic Management Center.

Added 09/02/2010

The STM System must be able to calculate and notify drivers via changeable message signs of the actual traffic backup delay time for each lane closure. Also, the STM System must be able to notify drivers of stopped traffic ahead (speeds less than 30 mph) within two miles of the traffic backup by displaying messages on changeable message signs located on mainline FAI 55 and FAI 70. The System will also notify drivers of stopped traffic ahead (speeds less than 30 mph) on the FAI 55/70/270 ramps and FAI 270 with changeable message signs. The actual message dialog and number of changeable message signs displaying messages will be determined by the Engineer. All other System changeable message signs shall have no message displayed unless directed by the Engineer.

Smart Monitoring Devices: The SMD shall be crashworthy as defined by NCRHP 350 or shall be protected by a NCRHP 350 device if placed within the clear zone, 38 feet from the edge of pavement. The SMD must be independent of all local or regional power unless approved by the Engineer. All communication networks used in the STM System must be provided by the Contractor. The SMD shall communicate in series and real time with multiple other SMD and changeable message signs. The SMD must have the capability to communicate with the changeable message signs 24 hours per day 7 days per week. The number of SMD needed to provide dynamic messages from the System shall be determined by the manufacturer.

Control Software: The control software shall be configurable to meet the project requirements. The control software shall be able to store all information collected by the SMD 24 hours a day and 7 days a week. The software shall include parameters to dynamically trigger in real time new messages on the changeable message signs located on the project.

Changeable Message Signs: The changeable message signs shall be compatible with the communication between the SMD and the control software.

Protection: All communications in the STM System shall be protected to prevent unauthorized personnel from accessing the data or changing the displays on the changeable message signs.

Performance Requirements: The STM System shall gather and report real-time data during work zone hours as required throughout the contract. Data shall include date, time, and average speed through the work zone and as outlined by the Engineer.

System Communications: When any part of the STM System has not been functioning for ten minutes, the System shall notify the Engineer of the malfunction. Upon the direction of the Engineer, the System will also notify the Contractor and /or the District's Traffic Management Center.

Penalties: The Engineer shall notify the Contractor when any component of the STM System is not functioning properly at any time 24 hours a day and 7 days a week. Once the Contractor has been notified that the STM System is not functioning properly, the Contractor shall have four hours to repair the System. After four hours, a monetary penalty shall be assessed to the Contractor. The penalty shall be \$2000 for each hour or portion thereof until the System is functioning properly.

Method of Measurement: This work will be measured for payment on a lump sum basis.

Added 09/02/2010

Basis of Payment: This work will be paid for at the contract unit price per lump sum for SMART TRAFFIC MONITORING SYSTEM.

- (a) After the STM System is set up and 100 % operable, 25% of the pay item will be paid.
- (b) After each month of use, 65% of the pay item will be paid on a prorated monthly basis.
- (c) After the STM System is completely removed, 10% of the pay item will be paid.

Added 09/02/2010