



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 5, 2008

SUBJECT: FAI Route 90/94  
Section 2324.6 -1P-I-5  
Cook County  
Contract No. 60A00  
Item No. 6P, June 13, 2008 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. Revised pages 1 & 2 of the Schedule of Prices.
2. Revised page i of the Table of Contents to the Special Provisions.
3. Revised pages 3 – 6, 11 & 12 of the Special Provisions.
4. Added page 39 to the Special Provisions.
5. Revised sheets 3, 4, 10 – 12, 14 & 15 of the Plans.

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,

Eric E. Harm  
Interim Bureau Chief  
Bureau of Design and Environment

A handwritten signature in black ink, 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: Diane O'Keefe, Region 1, District 1; Mike Renner; Estimates

TBW:MS:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 60A00

State Job # - C-91-258-05  
 PPS NBR - 1-74823-1632  
 County Name - COOK- -  
 Code - 31 - -  
 District - 1 - -  
 Section Number - 2324.6-1P-I-5

Project Number

Route  
 FAI 90/94

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price	
X0322256	TEMP INFO SIGNING	SQ FT	26.000					
X0323973	SED CONT SILT FENCE	FOOT	832.000					
X0323974	SED CONT SILT FN MAIN	FOOT	208.000					
X0324112	BARRIER BASE	FOOT	60.000					
X0324640	FLUTED KNEEWALL	FOOT	825.000					
* X0325891	IMP ATTEN FRD RES TL2	EACH	1.000					
* DELETED								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000					
Z0029999	IMPACT ATTENUATOR REM	EACH	1.000					
* DELETED								
20200100	EARTH EXCAVATION	CU YD	209.000					
21101615	TOPSOIL F & P 4	SQ YD	3.000					
21101645	TOPSOIL F & P 12	SQ YD	178.000					
25000210	SEEDING CL 2A	ACRE	0.090					
25000400	NITROGEN FERT NUTR	POUND	8.000					
25000500	PHOSPHORUS FERT NUTR	POUND	8.000					
			* REVISED : JUNE 3, 2008					

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price	
25000600	POTASSIUM FERT NUTR	POUND	8.000					
* DELETED								
25100630	EROSION CONTR BLANKET	SQ YD	455.000					
42001300	PROTECTIVE COAT	SQ YD	120.000					
* 44002300	CURB REMOVAL PART	FOOT	78.000					
44004250	PAVED SHLD REMOVAL	SQ YD	166.000					
50300225	CONC STRUCT	CU YD	1.600					
* 50300255	CONC SUP-STR	CU YD	9.200					
* 50300300	PROTECTIVE COAT	SQ YD	21.000					
* 50300510	RUSTICATION FINISH	SQ FT	39.000					
* 50800205	REINF BARS, EPOXY CTD	POUND	540.000					
* 60618324	CONC MEDIAN SURF 6 SP	SQ FT	390.000					
63200310	GUARDRAIL REMOV	FOOT	51.000					
63700155	CONC BAR 1F 32HT	FOOT	60.000					
66400550	CH LK FENCE 4 SPL	FOOT	794.000					
			* REVISED : JUNE 3, 2008					

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The Contractor will coordinate proposed project start dates and sequence of construction with the Engineer and other Contractors to present an effective and timely schedule for successful completion of the project.

No additional compensation will be allowed the Contractor for the above requirements or for any delays or inconvenience resulting from the activities of other contractors.

### **TRAFFIC CONTROL AND PROTECTION (SPECIAL)**

This item of work shall include furnishing, installing, maintaining, replacing, relocating and removing all traffic control devices used for the purpose of regulating, warning or directing traffic during the construction or maintenance of this improvement.

Traffic Control and Protection shall be provided as called for in the plans, these Special Provisions, applicable Highway Standards, applicable sections of the Standard Specifications, or as directed by the Engineer.

The governing factor in the execution and staging of work for this project is to provide the motoring public with the safest possible travel conditions along the roadway through the construction zone. The Contractor shall arrange his operations to keep the closing of any lane of the roadway to a minimum.

Traffic Control Devices include signs and their supports, signals, pavement markings, barricades with sand bags, channelizing devices, warning lights, arrow boards, flaggers, or any other device used for the purpose of regulating, detouring, warning or guiding traffic through or around the construction zone.

The Contractor is required to conduct routine inspections of the worksite at a frequency that will allow for the prompt replacement of any traffic control device that has become displaced, worn or damaged to the extent that it no longer conforms to the shape, dimensions, color and operational requirements of the MUTCD, the Traffic Control Standards or will no longer present a neat appearance to motorists. A sufficient quantity of replacement devices, based on vulnerability to damage, shall be readily available to meet this requirement.

The Contractor shall be responsible for the proper location, installation and arrangement of all traffic control devices. Special attention shall be given to advance warning signs during construction operations in order to keep lane assignment consistent with barricade placement at all times. The Contractor shall immediately remove, cover or turn from the view of the motorists all traffic control devices which are inconsistent with detour or lane assignment patterns and conflicting conditions during the transition from one construction stage to another. When the Contractor elects to cover conflicting or inappropriate signing, materials used shall totally block out reflectivity of the sign and shall cover the entire sign. The method used for covering the signing shall meet with the approval of the Engineer.

The Contractor shall coordinate all traffic control work on this project with adjoining or overlapping projects, including barricade placement necessary to provide a uniform traffic

Revised 06/05/2008

detour pattern. When directed by the Engineer, the Contractor shall remove all traffic control devices, which were furnished, installed and maintained by him under this contract, and such devices shall remain the property of the Contractor. All traffic control devices shall remain in place until specific authorization for relocation or removal is received from the Engineer.

The Contractor shall ensure that all traffic control devices installed by him are operational, functional and effective 24 hours a day, including Sundays and holidays.

Signs. All signs, except those referring to daily lane closures, shall be post mounted in accordance with Standard 701901 for all projects that exceed four days.

Prior to the beginning of construction operations, the Contractor will be provided a sign log of all existing signs within the limits of the construction zone. The Contractor is responsible for verifying the accuracy of the sign log. Throughout the duration of this project, all existing traffic signs shall be maintained by the Contractor. All provisions of Article 107.25 of the Standard Specifications shall apply, except the third paragraph shall be revised to read: "The Contractor shall maintain, furnish and replace at his own expense, any traffic sign or post which has been damaged or lost by the Contractor or a third party."

Whenever any vehicle, equipment, workers or their activities infringe on the shoulder or within 4.5 m (15 feet) of the traveled way and the traveled way remains unobstructed, then the applicable Traffic Control Standard shall be 701006. "Shoulder Work Ahead" sign (W21-5(0)-48) shall be used in lieu of the "Workers" sign (W21-1 or W21-1a).

Barricades. Any drop off greater than 75 mm (3 inches), within 2.5 m (8 feet) of the pavement edge shall be protected by Type I or II barricades equipped with mono-directional steady burn lights at 8 m (25 feet) center to center spacing. Barricades that are placed in excavated areas shall have leg extensions installed such that the top of the barricade is in compliance with the height requirements of Standard 701901.

All Type I and Type II barricades, drums, and vertical panels shall be equipped with a steady burn light when used during hours of darkness unless otherwise stated herein.

Check barricades shall be placed in work areas perpendicular to traffic every 300 m (1,000 feet), one per lane and per shoulder, to prevent motorists from using work areas as a traveled way. Two additional check barricades shall be placed in advance of each patch excavation or any hazard in the work area, the first at the edge of the open traffic lane and the second centered in the closed lane. Check barricades shall be Type I or II and equipped with a flashing light.

Public Convenience and Safety. At the preconstruction meeting, the Contractor shall furnish the name of the individual in his direct employ who is to be responsible for the installation and maintenance of the Traffic Control for this project. The Contractor shall also provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis to receive notification of any deficiencies regarding traffic control and protection. The Contractor shall dispatch men, materials and equipment to correct any such deficiencies. The Contractor shall respond to any call from the Department concerning any request for improving or correcting traffic control devices and begin making the requested repairs within two hours from the time of notification.

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Personal vehicles shall not park within the right-of-way except in specific areas designated by the Engineer.

**Private vehicles shall not be parked in the work zone. Contractor's equipment and/or vehicles shall not be parked on the shoulders or in the median during non-working hours. The parking of equipment and/or vehicles on State right-of-way will only be permitted at the locations approved by the Engineer.**

No road closure, lane closures or restriction shall be permitted without prior approval by the Engineer.

**All daily lane closures shall be removed during adverse weather conditions such as rain, snow, and/or fog and as determined by the Engineer.**

**Additional lane closure hour restrictions may have to be imposed to facilitate the flow of traffic to and from major sporting events and/or other events.**

Method of Measurement. This item of work will be measured on a lump sum basis for furnishing, installing, maintaining, replacing, relocating and removing the traffic control devices required in the plans, specifications and these Special Provisions.

Basis of Payment. This work will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION (SPECIAL), which price shall be payment in full for all labor, materials, transportation, handling and incidentals necessary to furnish, install, maintain, replace, relocate and remove all traffic control devices indicated in the plans, specifications and these Special Provisions. The salvage value of the materials removed shall be reflected in the bid price for this item.

Delays to the Contractor caused by complying with these requirements will be considered incidental to the item for Traffic Control and Protection, and no additional compensation will be allowed.

(BBA – 02/13/2008)

## **TRAFFIC CONTROL PLAN**

Effective: September 30, 1985

Revised: October 1, 1995

Traffic Control shall be in accordance with the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

The Contractor shall contact the District One Bureau of Traffic at least 72 hours in advance of beginning work.

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## HIGHWAY STANDARDS

- 701601 Urban Lane Closure, Multilane, 1w or 2w With Nontraversable Median
- 701701 Urban Lane Closure, Multilane Intersection
- 701801 Lane Closure Multilane 1w or 2w Crosswalk or Sidewalk Closure
- 701901 Traffic Control Devices

## PLANS AND DETAILS

- TC-10 District 1, Traffic Control And Protection For Side Roads, Intersections And Driveways
- TC-17 District 1, Traffic Control Details For Freeway Shoulder Closures And Partial Ramp Closures
- TC-18 District 1, Signing For Flagging Operations At Work Zone Openings

## RECURRING SPECIAL PROVISIONS AND SPECIAL PROVISIONS

- Advanced Public Notification
- Keeping the Expressway Open to Traffic
- Traffic Control and Protection (Special)
- Traffic Control for Work Zone Areas
- Reflective Sheeting on Channelizing Devices

## ADVANCED PUBLIC NOTIFICATION

The Contractor shall provide notice to the public a minimum of 14 days in advance of any work that requires the closure of lanes through the use of a changeable message sign or temporary information signing.

## TEMPORARY INFORMATION SIGNING

Description. This item consists of furnishing, installing, maintaining, relocating for various states of construction and eventually removing temporary informational signs. Included in this item may be ground mount signs, skid mount signs, truss mount signs, bridge mount signs, and overlay sign panels which cover portions of existing signs.

Materials: Materials shall be according to the following Articles of Section 1000 - Materials:

	<u>Item</u>	<u>Article/Section</u>
a)	Sign Base (Notes 1 & 2)	1090
b)	Sign Face ( Note 3)	1091
c)	Sign Legends	1092
d)	Sign Supports	1093
e)	Overlay Panels (Note 4)	1090.01

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- c) Contraction Joints. Contraction joints shall be constructed in the barrier at uniform intervals with a maximum spacing of 6 m (20 ft) or in line with contraction joints in the adjacent pavement or shoulder. Contraction joints shall be formed by a groove 3 mm (1/8 in.) wide by 50 mm (2 in.) deep either formed in the plastic concrete or sawed after the concrete has set.

**637.09 Finishing.** The surface of concrete barrier shall be finished according to Article 503.16 (a).

**637.10 Protective Coat.** When required, the top and vertical surfaces of the barrier exposed to traffic shall receive a protective coat. The application of the protective coat shall be according to Article 420.21.

**637.11 Method of Measurement.** This work will be measured as follows:

- a) Contract Quantities. The requirements for the use of contract quantities shall be according to Article 202.07 (a).
- b) Measured Quantities. New barrier base, both separate and monolithic, will be measured for payment in meters (feet) in place, along the centerline of the base or barrier. The width of the base will be defined as the width of the barrier.

Concrete barrier will be measured for payment in meters (feet) in place, along the centerline of the barrier.

Barrier transitions will be measured for payment in meters (feet) in place, along the centerline of the transition.

Protective coat will be measured for payment according to Article 420.22 (b).

Reinforcement bars and other necessary appurtenances will not be measured for payment.

**637.12 Basis of Payment.** This work will be paid for at the contract unit price per meter (foot) for BARRIER BASE; CONCRETE BARRIER, DOUBLE FACE, of the height specified; CONCRETE BARRIER, DOUBLE FACE, SPECIAL; CONCRETE BARRIER, SINGLE FACE, of the height specified; CONCRETE BARRIER, SINGLE FACE, SPECIAL of the height specified which price includes in full reinforcement bars and other necessary appurtenances; CONCRETE BARRIER, SINGLE FACE, MODIFIED of the height specified; and CONCRETE BARRIER TRANSITION.

Protective coat will be paid for according to Article 420.23.”

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## **CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)**

Description: This work shall consist of coloring, patterning, sealing, and placing concrete median surface at locations shown in the plans or as directed by the Engineer. This work will be in accordance with the applicable sections of Section 606 of the Standard Specification, except modified herein. This work is specialized concrete finishing work requiring experienced concrete finishers.

The concrete median surface shall be integrally colored brick red, patterned, and sealed in accordance with the following:

Materials. Materials for the concrete median surface shall meet the following requirements.

(a) Integrally Colored Concrete. Integrally colored concrete shall be according to Section 1020 of the Standard Specification for Class SI concrete except as follows.

- |                    |   |
|--------------------|---|
| Article 1020.04    | The allowable water/cement ratio range shall be 0.40 minimum to 0.44 maximum.   |
| Article 1020.04    | The allowable slump range shall be 75 mm (3 in.) minimum to 125 mm (5 in.) maximum.                                     |
| Article 1020.04    | The allowable coarse aggregate gradations shall be CA 11, CA 13, CA 14, and CA 16.                                      |
| Article 1020.05(b) | A calcium chloride accelerating admixture shall not be used.  |
| Article 1020.05(b) | The cement factor shall not be reduced if a water-reducing or high range water-reducing admixture is used.              |
| Article 1020.05(c) | Fly ash shall not be used.  |
| Article 1020.05(k) | Ground granulated blast-furnace slag shall not be used.   |
| Article 1020.11    | Pigment for integrally colored concrete shall be added to the concrete and mixed per the Manufacturer's recommendation. |
| Article 1020.13    | The curing method shall be Type I membrane curing.  |

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**KEEPING THE EXPRESSWAY OPEN TO TRAFFIC**

Whenever work is in progress on or adjacent to an expressway, the Contractor shall provide the necessary traffic control devices to warn the public and to delineate the work zone as required in these Special Provisions, the Standard Specifications, the State Standards and the District Freeway details. All Contractors' personnel shall be limited to these barricaded work zones and shall not cross the expressway.

The Contractor shall request and gain approval from the Illinois Department of Transportation's Expressway Traffic Operations Engineer (847-705-4151) twenty-four (24) hours in advance of all daily lane, ramp and shoulder closures and seventy-two (72) hours in advance of all permanent and weekend closures on all Freeways and/or Expressways in District One. This advance notification is calculated based on workweek of Monday through Friday and shall not include weekends or Holidays.

**LOCATION: I-90/94 DAN RYAN (29<sup>th</sup> to 95<sup>th</sup>)**

WEEK NIGHT	TYPE OF CLOSURE	ALLOWABLE LANE CLOSURE HOURS					
		INBOUND		OUTBOUND			
Sunday thru Thursday	Temporary Partial	8:00PM	-	5:00 AM	9:00PM	-	6:00 AM
Friday	Ramp & Shoulder	8:00PM (Fri)	-	6:00 AM (Sat)	9:00PM (Fri)	-	7:00 AM (Sat)
Saturday	Closures	8:00PM (Sat)	-	Noon (Sun)	9:00PM (Sat)	-	Noon (Sun)

In addition to the hours noted above, temporary partial ramp and temporary shoulder closures will be allowed weekdays between the hours of 9:00 AM and 3:00 PM.

Narrow lanes and permanent shoulder closures will not be allowed between December 1<sup>st</sup> and April 1<sup>st</sup>.

All daily closures shall be removed during adverse weather conditions such as rain, snow, and/or fog and as determined by the Engineer.

Additional hour restrictions may have to be imposed to facilitate the flow of traffic to and from major sporting events and/or other events.

All closure signs shall not be erected any earlier than one-half (1/2) hour before the starting hours listed above. Also, these signs should be taken down within one-half (1/2) hour after the closure is removed.

Private vehicles shall not be parked in the work zone. Contractor's equipment and/or vehicles shall not be parked on the shoulders or in the median during non-working hours. The parking of equipment and/or vehicles on State right-of-way will only be permitted at the locations approved by the Engineer.

(District 1 11/16/06)

Added 06/05/2008