



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 20, 2012

SUBJECT: FAP Route 029 (US 12/ 20/ 95<sup>th</sup> Street)  
Project HSIP-0029 (114)  
Section 2011-038-TS  
Cook County  
Contract No. 60P44  
Item No. 16, January 20, 2012 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 the Table of Contents to the Special Provisions.
3. Revised pages 4 & 37 of the Special Provisions.
4. Added page 123 to the Special Provisions.
5. Revised sheets 2, 3, 10, 11, 12, 14, 15 & 20 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,

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

A handwritten signature in black ink, appearing to read "Ted B. Walschleger P.E." with a stylized flourish at the end.

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 - 60P44

State Job # - C-91-542-11  
 PPS NBR - 1-78673-0000  
 County Name - COOK- -  
 Code - 31 - -  
 District - 1 - -  
 Section Number - 2011-038-TS

Project Number  
 HSIP-0029/114/

Route  
 FAP 29

\*REVISED: JANUARY 05, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X8570225	FAC T4 CAB SPL	EACH	1.000				
X8570230	FAC T5 CAB SPL	EACH	1.000				
X8620200	UNINTER POWER SUP SPL	EACH	2.000				
X8730250	ELCBL C 20 3C TW SH	FOOT	239.000				
X8803040	SH LED 2F1-3 1-5 BM R	EACH	1.000				
X8803084	SH LED 1F 3S MAM RETR	EACH	11.000				
X8803088	SH LED 1F 5S MAM RETR	EACH	1.000				
X8803090	SH LED 2F 3S BM RETRO	EACH	3.000				
X8810617	PED SH LED 1F BM RETR	EACH	8.000				
X8950100	RELOC EX MASTER CONTR	EACH	2.000				
Z0030850	TEMP INFO SIGNING	SQ FT	51.400				
Z0033044	RE-OPTIMIZE SIG SYS 1	EACH	2.000				
Z0073510	TEMP TR SIGNAL TIMING	EACH	1.000				
42400200	PC CONC SIDEWALK 5	SQ FT	722.000				
42400800	DETECTABLE WARNINGS	SQ FT	176.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 60P44

State Job # - C-91-542-11  
 PPS NBR - 1-78673-0000  
 County Name - COOK- -  
 Code - 31 - -  
 District - 1 - -  
 Section Number - 2011-038-TS

Project Number  
 HSIP-0029/114/

Route  
 FAP 29

\*REVISED: JANUARY 05, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44000600	SIDEWALK REM	SQ FT	722.000				
*ADD 66900200	NON SPL WASTE DISPOSL	CU YD	35.000				
*ADD 66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
*ADD 66900530	SOIL DISPOSAL ANALY	EACH	4.000				
*REV 67000400	ENGR FIELD OFFICE A	CAL MO	6.000				
67100100	MOBILIZATION	L SUM	1.000				
70102625	TR CONT & PROT 701606	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
*REV 72000100	SIGN PANEL T1	SQ FT	40.000				
72400310	REMOV SIGN PANEL T1	SQ FT	40.000				
72400710	RELOC SIGN PANEL T1	SQ FT	22.200				
78000650	THPL PVT MK LINE 24	FOOT	27.000				
81028200	UNDRGRD C GALVS 2	FOOT	152.000				
81028210	UNDRGRD C GALVS 2 1/2	FOOT	9.000				
81028220	UNDRGRD C GALVS 3	FOOT	48.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 60P44

State Job # - C-91-542-11  
 PPS NBR - 1-78673-0000  
 County Name - COOK- -  
 Code - 31 - -  
 District - 1 - -  
 Section Number - 2011-038-TS

Project Number  
 HSIP-0029/114/

Route  
 FAP 29

\*REVISED: JANUARY 05, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
81028240	UNDRGRD C GALVS 4	FOOT	376.000				
81400100	HANDHOLE	EACH	2.000				
81400200	HD HANDHOLE	EACH	1.000				
81400300	DBL HANDHOLE	EACH	2.000				
85000200	MAIN EX TR SIG INSTAL	EACH	1.000				
86400100	TRANSCEIVER - FIB OPT	EACH	2.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	1,152.000				
*REV 87301225	ELCBL C SIGNAL 14 3C	FOOT	3,008.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	2,406.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	1,779.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	1,746.000				
87301805	ELCBL C SERV 6 2C	FOOT	118.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	441.000				
87502480	TS POST GALVS 14	EACH	3.000				
87502500	TS POST GALVS 16	EACH	2.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER -

60P44

State Job # - C-91-542-11  
 PPS NBR - 1-78673-0000  
 County Name - COOK- -  
 Code - 31 - -  
 District - 1 - -  
 Section Number - 2011-038-TS

Project Number  
 HSIP-0029/114/

Route  
 FAP 29

\*REVISED: JANUARY 05, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87700200	S MAA & P 32	EACH	1.000				
87700210	S MAA & P 34	EACH	1.000				
87700270	S MAA & P 46	EACH	1.000				
87700300	S MAA & P 52	EACH	1.000				
87800100	CONC FDN TY A	FOOT	4.000				
87800150	CONC FDN TY C	FOOT	4.000				
87800400	CONC FDN TY E 30D	FOOT	27.000				
87800415	CONC FDN TY E 36D	FOOT	28.000				
88030020	SH LED 1F 3S MAM	EACH	12.000				
88030100	SH LED 1F 5S BM	EACH	3.000				
88030110	SH LED 1F 5S MAM	EACH	5.000				
88030220	SH LED 2F 5S BM	EACH	1.000				
88102747	PED SH LED 2F BM CDT	EACH	4.000				
88200210	TS BACKPLATE LOU ALUM	EACH	17.000				
88500100	INDUCTIVE LOOP DETECT	EACH	22.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 60P44

State Job # - C-91-542-11  
 PPS NBR - 1-78673-0000  
 County Name - COOK- -  
 Code - 31 - -  
 District - 1 - -  
 Section Number - 2011-038-TS

Project Number  
 HSIP-0029/114/

Route  
 FAP 29

\*REVISED: JANUARY 05, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88600100	DET LOOP T1	FOOT	516.000				
*ADD 88700200	LIGHT DETECTOR	EACH	6.000				
*ADD 88700300	LIGHT DETECTOR AMP	EACH	2.000				
88800100	PED PUSH-BUTTON	EACH	16.000				
89000100	TEMP TR SIG INSTALL	EACH	1.000				
*ADD 89100400	ILLUM SIGN LED	EACH	8.000				
89500100	RELOC EX SIG HEAD	EACH	1.000				
*DELETE 89501400	REL EM VEH PR SYS D U	EACH	2.000				
*DELETE 89501410	REL EM VEH PR SYS P U	EACH	2.000				
89502300	REM ELCBL FR CON	FOOT	1,019.000				
89502350	REM & RE ELCBL FR CON	FOOT	715.000				
89502375	REMOV EX TS EQUIP	EACH	2.000				
89502380	REMOV EX HANDHOLE	EACH	3.000				
89502382	REMOV EX DBL HANDHOLE	EACH	1.000				
89502385	REMOV EX CONC FDN	EACH	5.000				

## TABLE OF CONTENTS

LOCATION OF PROJECT .....	1
DESCRIPTION OF PROJECT .....	1
MAINTENANCE OF ROADWAYS .....	1
TEMPORARY INFORMATION SIGNING .....	1
TRAFFIC CONTROL PLAN .....	3
FULL-ACTUATED CONTROLLER AND CABINET (SPECIAL) .....	3
REMOVE EXISTING HANDHOLE .....	3
REMOVE EXISTING CONCRETE FOUNDATION .....	4
RELOCATE EXISTING MASTER CONTROLLER .....	5
TRAFFIC SIGNAL SPECIFICATIONS .....	5
TEMPERATURE CONTROL FOR CONCRETE PLACEMENT (DISTRICT ONE) .....	56
AGREEMENT TO PLAN QUANTITY (BDE) .....	56
CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE) .....	56
CONSTRUCTION AIR QUALITY - DIESEL VEHICLE EMISSIONS CONTROL (BDE) .....	58
CONSTRUCTION AIR QUALITY - IDLING RESTRICTIONS (BDE) .....	59
DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE) .....	60
PAYMENTS TO SUBCONTRACTORS (BDE) .....	68
PORTLAND CEMENT CONCRETE (BDE) .....	69
PORTLAND CEMENT CONCRETE SIDEWALK (BDE) .....	105
QUALITY CONTROL/QUALITY ASSURANCE OF CONCRETE MIXTURES (BDE) .....	106
SIDEWALK, CORNER OR CROSSWALK CLOSURE (BDE) .....	116
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE) .....	116
TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE) .....	117
UTILITY COORDINATION AND CONFLICTS (BDE) .....	117
WORKING DAYS (BDE) .....	122
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE) .....	123
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES .....	123

Revised 01/10/12

This work will be paid for at the contract unit price per EACH for REMOVE EXISTING HANDHOLE or REMOVE EXISTING DOUBLE HANDHOLE, which price shall include the work as specified herein and no additional compensation will be allowed.

**REMOVE EXISTING CONCRETE FOUNDATION**

This work shall consist of removing existing concrete foundations at the locations shown on the plans, in accordance with Section 895 of the Standard Specifications.

Concrete foundation removal will not be measured for payment in feet.

This work will be paid for at the contract unit price pre EACH for REMOVE EXISTING CONCRETE FOUNDATION, regardless of the depth of the foundation, which price shall include the work as specified herein and no additional compensation will be allowed.

The remainder of this page deliberately left blank.



## **ILLUMINATED SIGN**

### Description.

This work shall consist of furnishing and installing a LED internally illuminated street name sign.

### Materials.

Materials shall be in accordance with ILLUMINATED STREET NAME SIGN in Division 1000 of these specifications.

### Installation.

The sign can be mounted on most steel mast arm poles. Mounting on aluminum mast arm pole requires supporting structural calculations. Some older or special designed steel mast arm poles may require structural evaluation to assure that construction of the mast arm pole is adequate for the proposed additional loading. Structural calculations and other supporting documentation as determined by the Engineer shall be provided by the contractor for review by the Department.

The sign shall be located on a steel traffic signal mast arm no further than 8-feet from the center of the pole to the center of the sign at a height of between 16 to 18-feet above traveled pavement. Mounting hardware shall be Pelco model SE-5015, or approved equal, utilizing stainless steel components.

Signs shall be installed such that they are not energized when traffic signals are powered by an alternate energy source such as a generator or uninterruptible power supply (UPS). The signs shall be connected to the generator or UPS bypass circuitry.

### Basis of Payment.

This work will be paid for at the contract unit price each for ILLUMINATED SIGN, which shall be payment in full for furnishing and installing the LED internally illuminated street sign, complete with circuitry and mounting hardware including photo cell, circuit breaker, fusing, relay, connections and cabling as shown on the plans for proper operation and installation.

## **RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM.**

### Description.

This work shall consist of re-optimizing a closed loop traffic signal system according to the following Levels of work.

LEVEL I applies when improvements are made to an existing signalized intersection within an existing closed loop traffic signal system. The purpose of this work is to integrate the improvements to the subject intersection into the signal system while minimizing the impacts to the existing system operation. This type of work would be commonly associated with the addition of signal phases, pedestrian phases, or improvements that do not affect the capacity at an intersection.

LEVEL II applies when improvements are made to an existing signalized intersection within an existing closed loop traffic signal system and detailed analysis of the intersection operation is desired by the engineer, or when a new signalized or existing signalized intersection is being added to an existing system, but optimization of the entire system is not required.

Revised 01/10/12

## REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2012

Revise Article 669.01 of the Standard Specifications to read:

**“669.01 Description.** This work shall consist of the transportation and proper disposal of contaminated soil and water. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their content and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities.”

Revise the second paragraph of Article 669.16 of the Standard Specifications to read:

“The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.”

## REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

This work shall be according to Article 669 of the Standard Specifications and the following:

Qualifications. The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is pre-qualified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for sites contaminated with gasoline, diesel, or waste oil in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval. The environmental firm selected shall not be a former or current consultant or have any ties with any of the properties contained within and/or adjacent to this construction project.

General. This Special Provision will likely require the Contractor to subcontract for the execution of certain activities.

All contaminated materials shall be managed as non-special waste. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances.

A) The Environmental Firm shall continuously monitor for worker protection and the Contractor shall manage any excavated soils **within the construction limits of this project as fill**. All storm sewer excavated soils can be placed back into the excavated trench as backfill unless trench backfill is specified. If the soils cannot be utilized within the construction limits as fill then they must be managed off-site as a non-special waste. The following areas can be managed within the construction limits as fill.

1. All excavated soils (Site 2419-5, -9, -10, and -11) – non-special waste. Contaminants of concern sampling parameters: VOCs, SVOCs, and Metals.

Added 01/10/12