



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 26, 2015

SUBJECT: FAU 6727 (Detroit Avenue)  
Section 11-00124-01-WR (Morton)  
Tazewell County  
Contract No. 89601  
Item 83  
November 6, 2015  
Addendum (A)

## NOTICE TO PROSPECTIVE BIDDERS:

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

1. **Revised Plan Sheets 3, 73 & 76.**
2. **Revised page 12 of the Schedule of Prices.**
3. **Revised page 3 of the Table of Contents.**
4. **Revised page 36 and 37 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, 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

FAU 6727.  
 11-00124-01-WR (MORTON)  
 TAZEWELL

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
88600100	DET LOOP T1	FOOT	3,241.000 X	=	=	=	=
88800100	PED PUSH-BUTTON	EACH	8.000 X	=	=	=	=
89501250	RELOC EX TS EQUIP	EACH	1.000 X	=	=	=	=
89502375	REMOV EX TS EQUIP	EACH	2.000 X	=	=	=	=
89502380	REMOV EX HANDHOLE	EACH	9.000 X	=	=	=	=
89502385	REMOV EX CONC FDN	EACH	2.000 X	=	=	=	=
				TOTAL	\$		

- NOTE:
1. EACH PAY ITEM SHOULD HAVE A UNIT PRICE AND A TOTAL PRICE.
  2. THE UNIT PRICE SHALL GOVERN IF NO TOTAL PRICE IS SHOWN OR IF THERE IS A DISCREPANCY BETWEEN THE PRODUCT OF THE UNIT PRICE MULTIPLIED BY THE QUANTITY.
  3. IF A UNIT PRICE IS OMITTED, THE TOTAL PRICE WILL BE DIVIDED BY THE QUANTITY IN ORDER TO ESTABLISH A UNIT PRICE.
  4. A BID MAY BE DECLARED UNACCEPTABLE IF NEITHER A UNIT PRICE NOR A TOTAL PRICE IS SHOWN.

*Revised 10/26/15*

PEDESTRIAN PUSH BUTTON .....31  
 PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN  
 TIMER .....32  
 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT .....33  
 RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT .....34  
 CONCRETE FOUNDATION, TYPE A .....34  
 CONCRETE FOUNDATION, TYPE D .....34  
 CONCRETE FOUNDATION, TYPE E, 36" DIAMETER .....34  
 CONCRETE FOUNDATION, TYPE E, 42" DIAMETER .....34  
 RELOCATE CONTROLLER CABINET .....35  
 FULL ACTUATED CONTROLLER IN EXISTING CABINET, SPECIAL .....35  
 DETECTOR LOOPS – JACKSON STREET .....37  
 REMOVE EXISTING HANDHOLES .....37  
 NPDES PERMIT .....39  
 DATE OF COMPLETION .....39  
 FAILURE TO COMPLETE WORK ON TIME .....39  
 SWPPP .....40

*Revised 10/26/15*

- The Contractor shall obtain an existing cabinet print for each intersection from the Department and forward these prints to the existing traffic signal controller manufacturer. The manufacturer shall revise the cabinet prints for FYA operation and the proposed sequencing. The manufacturer shall return four copies of the updated prints for each intersection. The Contractor shall leave one copy in the controller cabinet, and deliver the other copies to the Department.
- The Contractor shall furnish and install the following items for the cabinet at Jefferson & Detroit:
  - EPAC M60 TS-2 Type 2 (NTCIP Loaded) controller with data key – Qty. 1
  - Reno A & E malfunction management unit model MMU-1600G or EDI MMU2-16LEip with graphical display and Ethernet port (pre-programmed by the manufacturer for FYA operation at the intersection) – Qty. 1
  - Load switches, flash transfer relays, and all other equipment required to modify the cabinet to support FYA operation and integrate the proposed detector loops into the cabinet.
- The Contractor shall furnish and install the following items for the cabinet at Jefferson & Detroit:
  - EPAC M60 TS-2 Type 2 (NTCIP Loaded) controller with data key – Qty. 1
  - Load switches, flash transfer relays, and all other equipment required to modify the cabinet to support FYA operation and integrate the proposed detector loops into the cabinet.
- The Contractor shall deliver all items that are removed from the controller cabinets to the IDOT traffic building located at 1025 W. Detweiller Dr., Peoria. The Contractor shall notify Paul Grant, Traffic Signal Technician, at (309) 671-4464 a minimum of forty eight hours prior to delivery.
- The Contractor shall rewire each cabinet and install updated controller and malfunction management unit firmware as required to provide correct operation of FYA, proposed phase sequencing, all-red flash, and conflict monitoring.
- The Contractor will be allowed to place the intersection into all-way red flash mode and all-way stop control between the hours of 8:30AM to 3:30PM to facilitate the controller cabinet modification. The Contractor shall furnish and install a minimum of two stop signs per approach when the intersection is operating in all-red flash mode or all-way stop control. Stop signs shall be displayed in accordance with MUTCD requirements.
- The cabinet sequencing shall conform to MUTCD requirements.
- At the conclusion of the cabinet modification prior to resuming normal signal operation, the Contractor shall test the modified cabinet by connecting a jumper to the cabinet field

terminals to ensure that all conflicting signals will place the cabinet into conflict flash and to verify that the cabinet, controller, and malfunction management unit are operating correctly. The Contractor shall make arrangements with the local police agency to provide traffic control during the conflict test.

Basis of Payment: This work will be paid for at the contract unit price per each for FULL-ACTUATED CONTROLLER IN EXISTING CABINET, SPECIAL which price shall be payment in full for all labor, materials, and equipment required to furnish all materials and modify the cabinet to support the proposed phase sequencing and test the modified cabinet as described above.

#### **DETECTOR LOOPS – JACKSON STREET**

If detector loops are encountered during milling operations on Jackson Street, new Detector Loops shall be installed as shown in the plans prior to overlaying the pavement. This work shall be paid for at the contract unit price per foot for DETECTOR LOOPS, TYPE I.

#### **REMOVE EXISTING HANDHOLES**

This work shall be in accordance with Section 895 of the Standard Specifications except as modified herein.

The handholes to be removed as shown in the plans should represent an accurate listing of removal items; however, it is the Contractor's responsibility to verify all quantities prior to bidding.

The Contractor shall remove each handhole, splice any existing conduit, and complete any wiring required to maintain power to all existing electrical systems routed through existing handholes scheduled for removal. In areas where existing existing handholes are removed and existing pavement and/or sidewalk is not proposed for construction, this pay item shall cover all work related to any pavement and/or sidewalk removal or replacement along with necessary restoration of the existing landscaping. This work shall be included in the bid price for this pay item.

If existing electrical systems are encountered in the handholes scheduled for removal, the wiring for these systems shall be disconnected and pulled back to the undisturbed handhole closest to the construction limits of the intersection. The wiring shall be stored in the handhole and pulled to reconnect the existing systems as soon as the intersection removals are complete. No additional compensation will be allowed to disconnect the existing systems, pull the wiring to the undisturbed handhole, repulling the existing wiring, or reconnection of the existing systems. Field adjustments to handhole and conduit locations and quantities will be allowed at the contract unit price for those items. The Contractor shall dispose of all other items off of the right-of-way and reflect the salvage value of this equipment in the unit bid price for this pay item.