



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 18, 2012

SUBJECT: FAP Route 804 (US 150)  
Section 32TS  
Champaign County  
Contract No. 70938  
Item No. 130, 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. Revised page ii of the Table of Contents to the Special Provisions.
2. Added pages 72 - 74 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,

John Baranzelli,  
Acting Bureau Chief of Design and Environment

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

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

cc: Joseph E. Crowe, Region 3, District 5; Mike Renner; Estimates

TBW:DB:jc

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Revised 01/18/12

## **HANDHOLE COVER**

The covers for the handholes shall be supplied with two lift rings as specified in Article 1088.05. Lifting slots will not be allowed.

The bolts to attach the cover shall be omitted.

## **TRAFFIC SIGNAL TIMING**

The contractor shall contact the District 5 Traffic Signal Engineer (Dave Burkybile – ph. 217-466-7383) at least 2 weeks prior to the deployment of the traffic signal controller for assistance in programming the traffic signal controller.

District assistance in programming of the traffic signal controller shall not void or negate any of the warranty, 30 day test, or final acceptance requirements of Section 801 of the Standard Specifications.

## **UNINTERRUPTABLE POWER SUPPLY, STANDARD**

The supply and installation of the UPS shall be in accordance with Section 862 of the Standard Specifications in addition to the following:

The inverter/charger, power transfer relay, and the manual bypass shall be installed inside the proposed traffic signal controller cabinet.

The UPS shall be equipped with and ethernet port.

The external battery cabinet shall be attached to the traffic signal controller cabinet via stainless steel bolts, flat washers and nuts of the size that is acceptable to the engineer. The battery cabinet shall be fastened in all four corners to the traffic signal cabinet.

The contractor shall cut an access hole through both adjacent cabinet walls of adequate size to accommodate the UPS cable. The contractor shall install a grommet around the edge of the hole that will fit firmly and protect the cable insulation from damage. The UPS cable shall be routed through the hole.

Compliance with this special provision shall be considered as included in the cost of UNINTERRUPTABLE POWER SUPPLY, STANDARD and no additional compensation will be allowed.

## **CONCRETE FOUNDATION, TYPE C**

This work shall be in accordance with Section 878 of the Standard Specifications and Standard 878001 of the latest revision with the following exceptions:

Added 01/18/12

The 4 inch gap shown in the detail for Type C foundation in the Standard shall be eliminated and the cabinets shall be attached.

The cable conduit shown in the foundation to route the cable from cabinet to cabinet shall be eliminated.

### **INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA:**

This work shall consist of the installation of a a pan/tilt/zoom (PTZ) camera, CAT. 5 ethernet cable and ethernet switch at the locations shown in the plans.

Network connection will be accomplished by others once the fiber optic cable is installed per existing State contract 70911.

In order to maintain compatibility with existing network cameras, the camera provided in this contract shall be the AXIS Dome Network Camera, Model No. Q6032-E PTZ or the pre-approved equivalent.

Camera - The camera shall be mounted to the mast pole located in the southeast quadrant of the intersection and shall be attached to the mast pole 6 inches below the luminaire truss arm. The contractor shall supply the necessary mounting hardware, per the approval of the engineer, for mounting the camera at this location.

The contractor shall ensure that a clear viewing path is accessible away from the intersection in all 4 directions. The mast pole shall not inhibit the view along either street.

Ethernet Switch – The ethernet switch provided shall be the GarrettCom Magnum 6KL managed ethernet switch or the pre-approved equivalent.

The switch shall be configured with the following:

- 4 10/100 Mb copper ports
- 4 100 Mb multi-mode ST connector fiber ports
- 2 1000 Mb single-mode ST connector fiber ports

The unit shall be configured to operate within the existing VLAN scheme in place. For questions concerning the existing VLAN scheme, please contact Dave Burkybile, IDOT Traffic Signal Systems Engineer, at 217-466-7383

Ethernet Cable - The contractor shall supply and install CAT 5 Ethernet Cable that is per the manufacturers specification at the locations shown in the plans. The ethernet cable will not be paid for separately.

This work shall be paid for at the contract unit cost EACH for INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA and shall include all labor, components, cable, material and connections to provide for complete and functional monitoring capabilities upon the completion of State contract 70911.

Added 01/18/12

## **TRAFFIC SIGNAL EQUIPMENT**

In order to maintain compatibility with the existing fiber optic network system and to maintain interchangeability between components, the traffic signal equipment supplied for this contract shall be Eagle brand equipment.

Added 01/18/12