



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 15, 2026

SUBJECT Various Routes
Section D6 ITS 2026-1
Hancock and Pike County
Contract No. 72E81

Item No. 052, July 31st, 2026, 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 Schedule of Prices.
2. Revised page i of the Table of Contents of the Special Provisions.
3. Revised page 15 of the Special Provisions.
4. Revised sheets 3 and 9 of the Plans.

Prime contractors must utilize the enclosed material when preparing their bid and must include any changes to the Schedule of Prices in their bid.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Jack A. Elston'.

Jack A. Elston, P.E.
Bureau Chief, Design and Environment

MTS

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The Engineer reserves the right to inspect and/or factory test any completed cabinet assemblies prior to shipment of the material to the project site. Any deviations from these specifications that are identified during such testing shall be corrected prior to delivery of the assembly to the project site.

The AC power service to be ran to the equipment cabinet shall be terminated. In addition, the cabinet shall be connected to an adequate ground/bond following the Standard Specifications.

Lugs shall be installed at the end of each conductor suitable for connection to the barrier terminal blocks. The Contractor shall terminate 6 of the incoming fibers with LC connectors and carefully secure the cable in the cabinet to the satisfaction of the Engineer. The Contractor shall terminate the incoming CAT5E cable. The Contractor shall neatly wrap 4' of slack for the fiber optic and Ethernet cables inside the cabinet.

Basis of Payment: This work will be paid for at the contract unit price per EACH for CLOSED CIRCUIT TELEVISION CABINET and shall include all equipment, material, and labor required to furnish and install the cabinet as described above.

MODIFY EXISTING CONTROLLER CABINET

Revised: March 22, 2018

This work shall consist of terminating, connecting, and testing newly installed fiber optic cable in existing controller cabinets as indicated in the plans.

Twelve of 24 fibers within the single-mode cable shall be terminated with fusion-type LC connectors. The connectors shall meet TIA/EIA 568B specifications and shall have an operating temperature range of 14°F to 140°F. The connectors shall be free from defects in material and manufacture for six months. Splice trays shall be provided for the separation and protection of individual fibers with buffer tubing and jacketing materials suitable for termination of the fiber with the fiber optic connectors. Stripped cable jackets shall be completely removed, and all protective gel shall be cleaned from the loose tubes as recommended by the cable supplier.

Fiber optic cables shall be terminated in the controller cabinets within wall-mountable interconnection enclosures. The interconnection enclosures shall seal out dust and moisture and shall be sized sufficiently to store any and all fiber, windings, and splice trays. The dimensions of the enclosures shall not exceed 9.25" x 8.5" x 3". The enclosures shall accept two modular connector panels which shall be configured to accept 12 terminated single-mode fibers. These 12 single-mode user connection adapters shall be configured to accept LC patch cables. The location of the distribution enclosure shall not restrict access to existing traffic signal systems components. The single-mode field cable shall be firmly secured to the enclosure with appropriate and applicable clamping devices. The single-mode fiber optic cable shall leave the enclosure through rubber grommets or similar devices to protect the cable against wear. Slack fiber shall be neatly trained around the bottom perimeter of the cabinet.

All installed fiber optic cable shall be tested at its nominal operating wavelength and in accordance with Article 801. Additionally, detailed and complete post-installation power meter and OTDR test documentation shall be provided electronically to the Engineer to the satisfaction of the Engineer. The test data should be formatted as an Excel spreadsheet and may be either emailed to the Engineer for inspection and acceptance or provided on a thumb drive

Basis of Payment: This work will be paid for at the contract unit price per EACH for MODIFY EXISTING CONTROLLER CABINET, which price shall be payment in full for installing the specified equipment and any incidental removal/replacement of existing equipment.

Revised 7-15-2026