



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 6 2026

SUBJECT MUN Route 2510 (Academy Road)
Project HSIP-X24X(881)
Section TIM TRAINING TRACK 2026
Sangamon County
Contract No. 72N43

Item No. 140, April 24th, 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 ii of the Table of Contents of the Special Provisions.
3. Revised pages 33-34 of the Special Provisions.
4. Revised sheets 6, 9, and 117 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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identification and circuit directory, testing and all labor, materials, equipment, and incidentals required to complete the work as specified and as directed by the Engineer.

ELECTRIC SERVICE INSTALLATION (SPECIAL)

Description. This work shall consist of furnishing all labor, materials, and equipment to install a complete and operational electrical service from the exterior main disconnect to the Main Lug Only (MLO) panel located within the separate building, as shown on the plans.

This work begins at the load-side terminals of the main disconnect and ends with the termination of the feeder conductors at the MLO panel. The MLO panelboard is provided and installed by the prefabricated building manufacturer. This special provision covers the installation of all conduits, conductors, and the complete grounding and bonding system for the separate building. All work shall be in accordance with the National Electrical Code (NEC), particularly Article 250, and the relevant IDOT Standard Specifications.

Materials. Materials shall meet the requirements of the following Articles of the Standard Specifications:

- Conduit: Article 1088.01
- Conductors: Article 1066.02
- Grounding & Bonding Conductors: The bare or insulated copper conductors shall meet the requirements of Section 1087. The size of the conductors shall be determined in accordance with NEC Article 250.
- Grounding Electrode: The 3/4-inch by 10-foot copper-clad ground rod(s) shall meet the requirements of Article 1087.01(b).
- Exothermic Welds & Lugs: All exothermic weld materials and mechanical lugs for grounding and bonding shall be listed for the application and approved under Section 1088.

Construction Requirements.

Installation. The feeder conduits and conductors shall be installed from the exterior main disconnect to the MLO panel as shown on the plans and according to applicable sections of Division 800 of the Standard Specifications.

Grounding Electrode System. A grounding electrode system shall be installed at each separate building and bonded to the building equipment grounding system. The grounding electrode conductor shall terminate at the grounding bar in the building disconnect enclosure as indicated on the plans. The grounded conductor (neutral) shall remain isolated from equipment ground and enclosure.

The grounding electrode conductor shall be connected to the ground rod(s) using an exothermic weld.

Grounding electrode resistance shall not exceed 25 ohms. If resistance exceeds 25 ohms, install a second ground rod not less than 6 ft from the first rod.

Bonding. The building's main metallic structural frame and any exterior metal stairs shall be bonded to the grounding electrode system. The bonding jumpers shall be sized in accordance with NEC Article 250.

Connections. The feeder conductors shall be terminated at the load-side lugs of the exterior main disconnect and at the main lugs of the MLO panel. Within the main disconnect, the equipment grounding conductor and the grounding electrode conductor shall be bonded to the equipment ground bus. At the MLO panel, the grounded conductor (neutral) shall remain isolated from the equipment grounding conductor.

Method of Measurement. This work will be measured for payment on an each basis. A quantity of seven will be measured for this contract. One complete service installation for one separate observation tower shall constitute one unit. 

All electrical work shown on the plans downstream of the main disconnect switch will be included in this item.

Basis of Payment. This work will be paid for at the contract unit price per EACH for ELECTRIC SERVICE INSTALLATION (SPECIAL). This price shall be for furnishing and installing all conduits, fittings, conductors, and the complete grounding and bonding system (including ground rods, exothermic welds, and bonding jumpers) for a single building. It also includes all testing, labor, and equipment necessary to terminate the feeder in the main disconnect and the MLO panel as specified herein.

Payment for the main disconnect and the MLO panelboard are not included in this pay item and will be paid for separately or are provided by others as noted on the plans.

ELECTRICAL EQUIPMENT RACK

Description. This work shall consist of the design, fabrication, and installation of a complete Unistrut-type equipment support rack. This work includes furnishing all materials, labor, and equipment necessary to install the rack on a concrete foundation specified elsewhere in the contract documents.

This work shall also include the installation of a complete grounding electrode system for the rack, as specified herein. The equipment to be mounted on the rack will be specified and paid for under other pay items.

Submittals. The Contractor shall be responsible for the structural design of the equipment rack. The Contractor shall submit detailed shop drawings and structural calculations for review and approval before fabrication.

- The shop drawings and calculations shall be prepared, signed, and sealed by a Structural Engineer licensed in the State of Illinois.
- The design shall be based on the dimensions and equipment layout shown on the plans.
- Design shall include all structural members, connections, and anchorages required to support the equipment shown on the plans, including wind area of mounted equipment.