



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 21, 2023

SUBJECT: FAU 9629 & FAU 9638 (Main St. & Market St.)  
Section 21-00128-00-PV (Marion)  
Williamson County  
Contract No. 99704  
Item 076  
August 4, 2023 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 pages 11 & 13 of the Special Provisions**

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

(a) The following items shall be submitted and approved prior to operations:

1. Product cut sheets.

Warranty: Light fixtures and decorative poles shall have the manufacturer's 5-year limited warranty.

Products:

(b) Ornamental Light Unit, Complete

1. Poles, bases and fixtures shall be:

**Niland Company**

**Mainstreet: 5 Series**

**NS5-12-F5 (9 foot height Black with GFI Outlet)**

**2 Arms, A-5015 Globe, Polycarbonate, Frosted, Cast Aluminum Finial**

2. The pole foundations shall be constructed as shown in the plan details. Concrete for the foundation shall be in accordance with Section 1020 – Portland Cement Concrete, Type SI, of the Standard Specifications.
3. Reinforcement shall be in accordance with Section 1006.10 – Concrete Reinforcement Bars, Fabric, and Strand, of the Standard Specifications.

Construction Requirements:

- (a) All components shall be installed according to the manufacturer's instructions.
- (b) Any scuffing or surface marring shall be repaired to the satisfaction of the Engineer.

Basis of Payment: This work will be paid for at the contract unit price per EACH for **ORNAMENTAL LIGHT UNIT, COMPLETE** which price shall include equipment, materials and labor including foundation to complete this item as specified to the satisfaction of the Engineer.

## **COMBINATION CONCRETE CURB AND GUTTER TYPE M, SPECIAL**

This item shall consist of constructing combination concrete curb and gutter Type M as detailed in the plans and shall be constructed in accordance with all

Basis of Payment. Payment for this item will be based on the contract unit price per EACH for **LIGHT POLE, SPECIAL**. The contract unit price shall include the cost of all engineering, labor, materials, and equipment used to construct the string lighting support system, repair the existing pavement and site clean-up.

## **RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)**

Description: This work shall consist of furnishing and installing AC-powered cabinet-based rectangular rapid flashing beacons (RRFBs) at the locations specified in the plans. This pay item includes all necessary work to furnish and install the post-mounted rapid rectangular flashing beacon system, Bollard posts and Snow-Plowable Illuminated In-Roadway Warning Lights at each of the 12 pedestrian crossings on the town square **(Note: Only 2 RRFB's on south Market for a total of 11 RRFB Assemblies)**.

This work shall be in accordance with all applicable FHWA and MUTCD guidelines as well as Article 801 of the current Standard Specifications. This specification is for a hard-wired Rectangular Rapid Flashing Beacon (RRFB) assembly and integrated In-Roadway Warning Lights. Each assembly shall consist of an RRFB unit along with the associated controller, controls, pedestrian push buttons, bollard post(s), Snow-Plowable Illuminated In-Roadway Warning Lights and all electronics necessary for a complete installation. All installations will be a one direction RRFB assembly. This work shall include the furnishing and installing of the posts, the concrete post foundations, and all necessary mounting brackets.

### Overview

Each RRFB assembly shall be cabinet-based and use AC power. The industry-standard cabinet will house the AC/DC power supply, circuit breaker, charge controller, flash controller, and on-board user interface. The RRFB assembly shall include one light bar. The RRFB shall conform to all provisions of the MUTCD, Interim Approval IA-21, including flash pattern. The RRFB shall be pre-wired to the maximum extent possible.

### Mechanical Specifications

#### Control Cabinet

The control cabinet(s) shall have a powder coated black finish, constructed from aluminum with a lockable industry standard #2 lock and tamper-proof hinged door. No other external control cabinet shall be required. The control cabinet(s) shall be vented to provide air circulation and cooling of the electronic system. The vents shall be screened to prevent ingress by insects and debris. The overall weight of the control cabinet shall not exceed 90 lbs (41 kg) and shall have the approximate dimensions: 24" H x 16" W x 8" D (61cm H x 41cm W x 21 cm D).