



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 4, 2024

SUBJECT FAI Route 55/70 (I-55/70)  
Project NHPP-NA1C(638)  
Section 60-8WS-1  
Madison County  
Contract No. 76R91

Item No. 40, January 1<sup>st</sup>, 2024 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 7 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

MTS

The scale shall utilize longitudinal and lateral bumper checking. The scale shall be completely self-checking. Checking shall be mechanically isolated from the load cell or load cell stands/base plates.

All load cell cables shall be run through conduit when running the length of the scale. A ½" opening between the scales and the concrete pit walls shall be provided.

All steel used in construction of the scale shall conform to the requirements of the current AASHTO Specifications for M 183 steel and constructed in accordance with Section 505 of the Standard Specifications. All structural steel shall be galvanized in accordance with the Hot Dip Galvanizing for Structural Steel special provision.

~~Galvanized Steel - Alternate A, B and C: All structural steel shall be galvanized in accordance with the Hot Dip Galvanizing for Structural Steel special provision.~~

~~The coping channel forming the edge of the scale shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications and Hot Dip Galvanizing for Structural Steel special provision.~~

Paint - Alternate A, B and C. All structural steel comprising the new weighbridge shall be painted as per the scale manufacturers recommendation.

The coping angle forming the edge of the scale shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications and Guide Bridge Special Provision 83.

Weight Indicator - Alternate A, B and C: The weight indicator or scale instrument shall be capable of simultaneously displaying the weight of all four scales and displaying an aggregate weight. The indicator shall also be capable of displaying a total weight for scales 2 and 3. If aggregate weight exceeds 80,000 lbs. gross; 34,000 lbs. on drive axles (scales 2 and 3 totaled); 20,000 lbs. single axle on scales 2 or 3; or 34,000 lbs. on tandem axles (scale 1), the indicator shall be capable of an audible or visual alarm. The instrumentation shall count and display the trucks weighed.

The scale shall have self-diagnostic capabilities able to identify load cell problems, failure, and predict failure before it occurs to prevent downtime. The diagnostics are to measure load cell counts (not weight) and will be used to determine reliability. Should a load cell fail, the instrumentation shall identify the specific load cell that has failed. All trouble shooting shall be done from within the scale house.

The indicator shall be NTEP certified meeting specifications set forth by Handbook 44 for Class III L devices.

Printer - Alternate A, B and C: The printer shall be capable of printing weights, time, and date of the event on existing Illinois State Police forms.

Placing in Service - Alternate A, B and C: Upon completion of all work described above, the scale shall be placed in service by a person registered with the Illinois Department of Agriculture.

Basis of Payment: This work will be paid for at the contract unit price per LUMP SUM for FURNISHING AND INSTALLING STATIC SCALE COMPONENTS.

Revised January 4, 2024