



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 17, 2020

SUBJECT: FAP Route 310 (US 67)  
Project NHPP-HPP-GHMU(854)  
Section 42-2  
Jersey County  
Contract No. 76568  
Item No. 75, July 31, 2020 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 the Schedule of Prices.
2. Revised page iii of the Table of Contents to the Special Provisions.
3. Revised pages 9-10 of the Special Provisions.
4. Added page 182 to the Special Provisions.
5. Revised sheets 2, 4-7, 19, 20, and 26 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

TEMPORARY PAVEMENT MARKING (BDE)..... 111  
TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (BDE)..... 113  
TRAFFIC CONTROL DEVICES - CONES (BDE)..... 114  
TRAFFIC SPOTTERS (BDE)..... 114  
TRAINING SPECIAL PROVISIONS (BDE) ..... 116  
IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAINING SPECIAL PROVISION. 118  
TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS (BDE) ..... 120  
WARM MIX ASPHALT (BDE) ..... 121  
WEEKLY DBE TRUCKING REPORTS (BDE)..... 122  
WORK ZONE TRAFFIC CONTROL DEVICES (BDE)..... 123  
WORKING DAYS (BDE)..... 124  
PROJECT LABOR AGREEMENT ..... 125  
SWPPP..... 144  
404 PERMIT ..... 153  
GRID REINFORCED EMBANKMENT ..... 182

The culvert to be filled shall be measured for payment in place and the volume computed in cubic yards.

This work will be paid for at the contract unit price per cubic yard for FILLING EXISTING CULVERTS.

## **RIGHT-OF-WAY AND PROPERTY CORNERS**

Revised: August 14, 2018

Description. This work shall consist of resetting right-of-way and property corners that are disturbed prior to or during construction.

Materials. For State right-of-way and permanent easement corners, a 5/8" X 30" rebar with an Illinois Department of Transportation aluminum cap bearing the surveyor's license number shall be used. The aluminum cap design shall be as shown on the detail.

For the intersection of private property lines with proposed State right-of-way lines and permanent easement lines, a 5/8" X 30" rebar with a plastic cap bearing the surveyor's license number shall be used.

## **CONSTRUCTION REQUIREMENTS**

General. Upon completion of the construction operations, the Contractor and Engineer shall locate and inventory the right-of-way and property corners. A written report of any missing right-of-way and property corners shall be submitted to the Engineer.

**An Illinois Professional Land Surveyor shall be retained by the Contractor to set the right-of-way and property corners.**

The right-of-way and property corners shall be set after the construction work is complete, and there is no possibility of disturbance of the marker. Corners shall be set in compliance with the "Minimum Standards of Practice" for a Boundary Survey as prescribed under the "Rules for the Administration of the Illinois Professional Land Surveyor's Act of 1989" as set forth by the Illinois Department of Financial and Professional Regulation, amended at 39 Ill. Reg. 14826, effective November 13, 2015.

Method of Measurement. Resetting of right-of-way and property corners that are disturbed through no fault of the Contractor will be measured for payment as each. Resetting of corners that are not protected and carefully preserved according to Article 107.20 of the Standard Specifications will not be measured for payment.

Basis of Payment. This work will be paid for at the contract unit price per each for RIGHT-OF-WAY AND PROPERTY CORNERS.

Revised July 17, 2020

## SECTION CORNER MARKERS

Effective: April 15, 2006

Description. This work shall consist of resetting section corner markers and reference markers that are disturbed prior to or during construction.

### CONSTRUCTION REQUIREMENTS

General. **An Illinois Professional Land Surveyor shall be retained by the Contractor to set reference markers and section corner markers.** Monument records of the section corners shall be filed with the Jersey County Recorder of Deeds in accordance with the Land Survey Monuments Act (765 ILCS 220/0.01 et seq) of the Revised Illinois Statutes.

Section Corner Markers. The section corner markers shall consist of a Type I aluminum tablet with magnet as shown on Highway Standard 667101, except as modified by the detail. Said corners shall be set after the construction work is complete, and there is no possibility of disturbance of the corner. Section corners shall be set in accordance with the Land Survey Monuments Act (765 ILCS 220/0.01 et seq) of the Revised Illinois Statutes and as prescribed by U. S. Public Act 79-649.

Reference Markers. Reference markers shall be set clear of proposed ditch bottoms, side slopes, back slopes, and utility lines.

Method of Measurement. Resetting of markers that are disturbed through no fault of the Contractor will be measured for payment as each. Resetting of markers that are not protected and carefully preserved according to Article 107.20 of the Standard Specifications will not be measured for payment.

Basis of Payment. This work will be paid for at the contract unit price per each for SECTION CORNER MARKERS.

Revised July 17, 2020

**GRID REINFORCED EMBANKMENT**

Description. This work shall be done as shown in the plans, as directed by the Engineer, and in accordance with Section 205 of the Standard Specifications, and as herein specified.

Biaxial geogrid shall be placed in horizontal layers with a 1.0 foot vertical separation between layers. The geogrid shall have a minimum embedment length of 9.0 feet. The geogrid reinforcement shall conform to the properties listed below.

Property	Test Method	Units	Value
Aperture Size	I.D. Calipered	inch	3/4 - 1 1/2
Open Area	Corps of Engineers CW-02215	%	70 min
Rib Thickness	ASTM D-1777	inch	0.03 nom
Junction Thickness	ASTM D-1777	inch	0.11 nom
Flexural Rigidity Machine Direction	ASTM D-1388	mg-cm	250,000 min
Tensile Modulus	GRI GG1-87	lb/ft	14,000 min - Machine Direction 20,000 min - Cross Machine Direction
Junction Strength	GRI GG2-87	lb/ft	765 min
Junction Efficiency	GRI GG2-87	%	90 min

Alternate geogrid materials will be considered. Such alternate material specifications must be provided to the Engineer on the pre-job date. Alternate material packages must be submitted to the Engineer a minimum of 20 days prior to beginning construction of the grid reinforced slope. Submittal packages must include, as a minimum, the following:

1. A list of 5 comparable projects, in terms of size and applications, in the United States, where the results of the specific results of the alternate geogrid's use can be verified after a minimum of 1 year of service life.
2. A sample of the geogrid and certified specification sheets.
3. Recommended installation instructions.

Construction Requirements. The geogrid shall be pulled taut, staked in place and the embankment placed outward toward the toe of the slope to minimize development of slack or distortion in the subgrade reinforcement. Lap splicing shall be done in accordance with manufacturer's recommendations.

Method of Measurement. Measurement of the BIAxIAL GEOGRID is on a square yard basis. Each layer of grid shall be measured in place. Any embedment beyond that required by the plans and special provisions and not required by the Engineer will not be included in measurement for payment. Payment shall include supply and installation of geogrid and all incidentals.

Basis of Payment. The biaxial geogrid shall be paid for at the contract unit price per square yard, measured in place, for BIAxIAL GEOGRID. Furnishing, preparing, and placing the geogrid and all equipment, tools, and incidentals necessary to complete the item will be included in the contract unit price for BIAxIAL GEOGRID.