



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 29, 2019

SUBJECT: FAP Route 80 (IL 130)
Project STP-7XGM(102)
Section (12B-15D)BR
Douglas County
Contract No. 70545
Item No. 26, November 8, 2019 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. Added page iii to the Table of Contents to the Special Provisions.
2. Revised pages 17 and 18 of the Special Provisions.
3. Added page 127 to the Special Provisions.
4. Revised sheet 105 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

TEXTURED, EPOXY COATED REINFORCEMENT BARS127

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

Eff. 10-22-1997

Rev.01-01-2014

Replace Article 783.03(b) with the following:

“Where removal of raised reflective markers is indicated in the plans, this shall consist of complete removal of the castings, and reflectors from the pavement structure. Where cold milling is not proposed, or where the proposed depth of cold milling is less than 1½ inches (38 mm), the holes resulting from the removal of raised reflective markers shall immediately be cleaned out with compressed air, filled with a bituminous mixture meeting the requirements of Article 1030.07 and/or Materials “M” Specification 120 (Bituminous Premix for Maintenance Use – Proprietary Mixes), and compacted to the satisfaction of the Engineer. This work shall be completed prior to cold milling, or prior to hot-mix asphalt placement if cold milling is not specified.”

Add the following at the end of Article 783.06:

“The payment for RAISED REFLECTIVE PAVEMENT MARKER REMOVAL shall include complete removal and disposal of the castings and reflectors, and furnishing, placing, and compacting the bituminous material in the holes as specified above.”

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC)

Description. This work shall consist of the removal and disposal of regulated substances according to Section 669 of the Standard Specifications as revised below.

Contract Specific Work Areas. The excavated soil and groundwater within the work areas listed below shall be managed as either “uncontaminated soil”, hazardous waste, special waste or non-special waste. For stationing, the lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit, whichever is less.

Site 2995A-1 -Villa Grove High School, 400 N. Sycamore Street, Villa Grove, Douglas County, Illinois

- Station 274+90 to Station 275+80, 0 to 80 feet LT (IL 130): The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (c). COC sampling parameters: manganese.
- Station 277+20 to Station 277+90, 0 to 30 feet LT (IL 130): The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). COC sampling parameters: manganese and pH
- Station 277+90 to Station 278+75, 0 to 30 feet LT (IL 130): The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). COC sampling parameters: manganese and pH.

Revised 10-29-19

Site 2995A-7 – Vacant Land, 200-300 blocks of N. Sycamore Street, Villa Grove, Douglas County, Illinois

- Station 269+10 to Station 269+85, 0 to 50 LT (IL 130): The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). COC sampling parameters: benzo(a)pyrene and manganese.
- Station 269+85 to Station 272+00, 0 to 80 feet LT (IL 130): The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (c). COC sampling parameters: manganese.

Site 2995A-8 – Vacant Land, 200-300 blocks of N. Sycamore Street, Villa Grove, Douglas County, Illinois

- Station 269+10 to Station 271+25, 0 to 75 feet RT (IL 130): The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(c). COC sampling parameters: manganese.
- Station 271+25 to Station 272 + 00, 0 to 75 feet RT (IL130): The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (c). COC sampling parameters: manganese.
- Station 272+00 to Station 272+95, 0 to 75 feet RT (IL 130): The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). COC sampling parameters: benzo(a)pyrene and manganese.

Site 2995A-8 – Vacant Land, 200-300 blocks of N. Sycamore Street, Villa Grove, Douglas County, Illinois

- Station 2103+40 to Station 2105+40 (proposed US 150), 0 to 70 feet RT and 0 to 20 feet LT and Station 207+00 to Station 208+65 (Ramp B), 0 to 85 feet RT: The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(c). COC sampling parameters: manganese.
- Station 2105+40 to station 2106+90 (proposed US 150), 0 to 50 feet RT and 0 to 25 feet LT: The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). COC sampling parameters: benzo(a)pyrene, lead, manganese.
- Station 2106+90 to Station 2108+80 (proposed US 150), 0 to 10 feet RT and 0 to 60 feet LT: The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(c). COC sampling parameters: manganese.

TEXTURED, EPOXY COATED REINFORCEMENT BARS

Effective: January 1, 2015

Revised: June 1, 2016

Add the following to the end of Article 1006.10(a) of the Standard Specifications.

(3) Textured, Epoxy Coated Reinforcement Bars. Textured, epoxy coated reinforcement bars shall be according to 1006.10(a)(2), except for the following.

- a. Coating Thickness. The base coat of dual coating systems shall have a thickness of 9 ± 2 mils ($229 \pm 50 \mu\text{m}$) and a total coating thickness of not more than 16 mils ($406 \mu\text{m}$) according to ASTM A 775.
- b. Surface Roughness. The textured coat of dual coating systems shall have a minimum R_{max} value of 1.5 - 6.0 mils when tested according to ASTM D 7127. If a visual inspection determines the textured bar is finer than a 220 grit CAMI sandpaper, additional bond strength testing may be required.
- c. Coating Flexibility. Coating flexibility requirements of ASTM A 775 Section 8.3 shall be waived for dual coating systems. Damages to coating during fabrication shall be repaired according to ASTM A 775 Annex A2.
- d. Relative Bond Strength in Concrete. Relative bond strength shall be according to the Illinois Test Procedure listed below.

All bars to be tested shall be No. 5 bars. A minimum of three (3) coated bars and three (3) uncoated bars 30 in. (760 mm) long shall be submitted for testing. Each bar shall be cast 8 in. (200 mm) into a 3.5-gal (13.25-L) bucket, or equivalent container, having a minimum 10-in. (250-mm) diameter. The concrete shall have a minimum compressive strength of 3500 psi (24 MPa). The minimum ultimate bond strength of each of the three coated test specimens shall achieve 100 percent of the average ultimate bond strength of the three uncoated bars.

- e. Jobsite Quality Assurance Sampling. Three (3) bars 7 ft (2.13 m) in length from each heat delivered to the project will be designated as "Test Bars." For dual coating systems the first 6 ft (1.83 m) of the "Test Bars" shall have only the base coat applied and will be tested by the Bureau of Materials and Physical Research according to ASTM A 775 to ensure that the base coat meets the requirements of 1006.10(a)(3)b. and will be used for acceptance. The remaining length of the test bars with the textured coating will be tested according to Illinois Modified ASTM D 7127.

Added 10-29-19