



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 24, 2021

SUBJECT: FAP 334 & FAU 3523 (US 12)  
Section 14-00221-00-BT (Des Plaines)  
Cook County  
Contract No. 61G57  
Item 148  
March 5, 2021 Letting  
Addendum (B)

## NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

### **1. Revised page 24 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

### PIPE HANDRAIL, SPECIAL

1

**Description:** This work shall consist of furnishing and installing welded aluminum railings as detailed on the plans, and in accordance with Section 509 and Article 106.08 of the “Standard Specifications”, except as modified herein.

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**Submittals:** The railing supplier shall submit shop drawings to the City and the Engineer no later than 30 days prior to the beginning of construction of the railing. No work or ordering of materials for the structure shall be done by the contractor until the submittal has been approved in writing by the City and Engineer. Submittal(s) shall include the plans, elevations, details, dimensions, quantities and cross sections necessary to construct the aluminum railing.

**General:** The railing shall be 54” high.

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The railings shall be standard (Schedule 40) pipe. The vertical posts and top and bottom rails shall be 1-1/2" inside diameter (schedule 40) pipe size; the pickets shall be 3/4" diameter, as detailed on the plans. All posts and rails shall be formed from extruded 6063-T6 aluminum. Fasteners shall consist of ANSI 713 alloy stainless steel. The vertical posts shall be set in a 36" deep X 8" diameter concrete footing or shall be flange mounted to the top of the 36” deep X 12” diameter concrete footing by means of standard flange plates with four anchors each. Anchors shall have a diameter of not less than 5/8 in. An elastomeric fabric pad shall be placed between the base plate and the concrete footing.

Connection of railings to posts shall be by welding. Welded joints shall be continuous, and weld surfaces shall be ground smooth. The use of non-welded connections will not be permitted. The color of the railing shall be a black powder coat finish suitable for outdoor applications. All powder coating shall be shop applied per the manufacturer’s specifications. The black coating shall produce a hard mar resistant coating, free from cracks, blisters or other defects. The quality of the coating shall be such that when the finished product is struck a light blow with a sharp tool, the coating shall not chip or crack, and if scratched with a knife, shall not powder. The thickness of the coating shall be a minimum of 1 mil (25 um). It shall pass the standard 100 hour salt spray test {20 percent solution by spray fog 70F (21 C)}. Powder coating shall be the final process after all fabrication and punching has been completed.

**Basis of Payment:** This work will be measured for payment in place and paid for at the contract unit price per lineal foot for PIPE HANDRAIL, SPECIAL. The price shall be payment in full for all materials, labor and equipment necessary to complete the work.

### PROTECTIVE COAT

**Description:** This work shall conform to the requirements of Articles 420.18 and 1023.01 of the “Standard Specifications”, except that the protective coat shall be applied in all cases regardless of the calendar date limitations contained in Article 420.18.

**General:** The protective coating shall be applied to the exposed surfaces of the Portland cement concrete pavement, concrete sidewalk, and concrete curb and gutter. Portland cement concrete curing shall be limited to methods specified in Article 1020.13 (a) [1], [2] and [3].