



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

September 13, 2018

SUBJECT: Montgomery Road  
Section 16-00311-00-BT (Aurora)  
DuPage-Kane Counties  
Contract No. 61E88  
Item 040  
September 21, 2018 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 the Index of Special Provisions.**
- 2. Added pages 56A & 56B to 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,

Jack A. Elston, P.E.  
Bureau Chief  
Bureau of Design and Environment

A handwritten signature in black ink, reading "Ted B. Walschleger P.E." with a stylized flourish at the end.

By: Ted B. Walschleger, P.E.  
Engineer of Project Management

**INDEX OF SPECIAL PROVISIONS**

	<u>Page Number</u>
LOCATION OF THE PROJECT .....	1
DESCRIPTION OF PROJECT .....	1
MAINTENANCE OF ROADWAYS.....	1
STATUS OF UTILITIES (D-1) .....	2
TRAFFIC CONTROL PLAN .....	4
SAWCUTTING .....	5
EROSION CONTROL .....	5
PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE.....	5
REMOVE AND RELOCATE END SECTIONS.....	5
CATCH BASINS, SPECIAL.....	6
HANDHOLE TO BE ADJUSTED.....	6
HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT.....	6
SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE) .....	7
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES .....	8
DRAINAGE AND INLET PROTECTION UNDER TRAFFIC (DISTRICT 1).....	10
AGGREGATE SUBGRADE IMPROVEMENT (D-1) .....	12
DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS) .....	15
GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER (D-1).....	19
FRICTION AGGREGATE (D-1).....	21
RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (D-1).24	
HMA MIXTURE DESIGN REQUIREMENTS (D-1) .....	34
ADJUSTMENTS AND RECONSTRUCTIONS.....	41
AVAILABLE REPORTS.....	42
LR107-4 – SPECIAL PROVISION FOR INSURANCE.....	43
BDE 2342 - STORM WATER POLLUTION PREVENTION PLAN.....	44
LPC 663 – UNCONTAMINATED SOIL CERTIFICATION BY LICENSED ENGINEER...52	
BICYCLE RAILING.....	56A

## **BICYCLE RAILING**

Description: Work under this item shall be in accordance with Section 509 of the Standard Specifications, except as modified herein:

Finishes:

- All posts, rails, anchor devices, bars, splices, plates and structural steel tubing shall be hot-dip galvanized after shop fabrication according to AASHTO M 111. All bolts, nuts, washers and anchor rods shall be galvanized according to AASHTO M 232. Stainless steel materials shall not be galvanized. Galvanizing shall be smooth and free of drops, spikes, inclusions, blobs, etc. and otherwise optimized to achieve a smooth finished surface.
- Prior to finish coat, mechanically clean galvanized surfaces to smooth the surface and remove large deposits from the galvanizing process. Do not damage or remove the galvanizing material as to compromise the corrosion resistance of the system. Alternatively, provide other approved method(s) to ensure smooth final finish surface.
- Prior to finish coat, mechanically clean and roughen stainless steel elements with sandblast for optimal coating adhesion.
- Finish all exposed surfaces of the railing with two coats of electrostatic polyester, TGIC powder coating, colored black (Munsell No. N1), with high UV stability, impact, corrosion, heat and humidity resistance. The combined total thickness of the two finish coats shall be a minimum of 6 mils.
- Finish system shall meet or exceed the following:
  - o ASTM B 117 Salt Spray (Fog) Test – 1,000 hours. The coated steel shall exhibit no visible evidence of rust.
  - o ASTM D 3363 Hardness, ASTM D2793 Direct Impact, ASTM D822 Weatherability.
  - o ASTM D 3359 Mechanical Adhesion Test
- The exposed heads and nuts of all hot-dip galvanized anchor rods shall be spot-painted with an approved paint system to match finish color. The surface to be painted shall be cleaned with an approved solvent.
- Any damage to the coatings shall be repaired promptly in accordance with the manufacturer's recommendations or replaced with undamaged components. Repairs shall be subject to approval by the Engineer. Finish all damaged, cut or other surfaces not powder-coated, subject to approval by the Engineer, with zinc-rich primer (if not already galvanized) and high-performance finish coat, compatible with factory coating system, to match finish color.

Approvals: The powder coating system to be used shall be approved by the Engineer prior to the coating process. The Contractor shall submit to the Engineer for approval a sample of the final powder coat finish.

The concrete fence foundations shall be included in the cost of the bicycle railing.

Method of Measurement: This work will be measured for payment in place in feet. The length measured will be the overall length along the top longitudinal railing member from center to center

of the end posts through all posts and gaps.

Basis of Payment: This work will be paid for at the contact unit price per foot for BICYCLE RAILING, which shall include all material, hardware, labor, transportation, erection, cleaning and finishing as specified herein.