



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 15, 2020

SUBJECT: FAI Route 80 (I-80)  
Project NHPP-HB1K(096)  
Section 2013-008B  
Will County  
Contract No.60W34  
Item No. 64, November 6, 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 page iv of the Table of Contents to the Special Provisions
2. Revised page 1 of the Special Provisions
3. Added pages 345-349 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,

A handwritten signature in black ink, appearing to read "Jack A. Elston".

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

MTS

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Added 10/15/2020

## STATE OF ILLINOIS

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### SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted April 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of FAI Route 80 (I-80), Project NHPP-HB1K(096), Section 2013-008B, Will County, Contract No.60W34 and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

#### LOCATION OF IMPROVEMENT

This improvement begins at a point on the centerline of eastbound FAI 80 at Gardner Street and extends an easterly direction to a point just east of the WCL Railroad /Rowell Ave structure for a total distance of approximately 6,715 feet (1.27 miles). The improvement is located within Will County in the City of Joliet.

#### DESCRIPTION OF IMPROVEMENT

- Replace the pavement between Gardner Avenue and Rowell Avenue including closing the existing open median and providing pavement for future lanes
- Replacement or Rehabilitation and widening (including vertical clearance improvements) of the bridges carrying I-80 over Richards Street, Hickory Creek, and WCL/Rowell Avenue.
- Installation of closed median drainage and concrete median barrier wall
- Replacement and upgrading of existing lighting and signing
- Existing interchange configurations at Richards Street will be maintained, however, it will be modified to accommodate future mainline widening.
- **Bridge washing of the structures carrying I-80 over the Des Plaines River (SN 099-0056 Bridge Washing No 1 and SN 099-0057 Bridge Washing No. 2). Bridge washing shall be for the three truss spans only, and include the entire lower chord, and other vertical and diagonal truss members from the bottom of the floor beam extending to a distance of 10-ft above the elevation of the bridge deck. *The floor beam is estimated to be 6-ft below the deck surface. The truss spans are approximately 227'-363'-192' long, for a total of 782-feet. Each structure consists of an inner and outer truss where bridge washing is required.* This work shall be performed using temporary lane closures and cost shall be included in Traffic Control and Protection (Expressways). See the maintenance of Traffic plans and special provision for additional information.**

Revised 10/15/2020

**NAVIGATIONAL CONSIDERATIONS AND CONSTRUCTION OVER NAVIGABLE WATERS**

Effective January 18, 2012

The proposed plans, schedule and sequence of operations shall first be submitted to the Engineer for review and approval. The submittal to the United States Army Corps of Engineers (Corps) and the United States Coast Guard, shall not be made until it has been reviewed and approved by the Engineer.

The Contractor shall then submit to the Corps and the United States Coast Guard, through the contracting authority, for review and approval, four (4) copies of the proposed plan, schedule and sequence of operations. The submittal shall be made within 7 calendar days, prior to any field work on the bridge.

No deviation from the approved plans, schedule and sequence of operations will be permitted unless the proposed deviation has had the prior approval of the Engineer, the Coast Guard and the Corps.

The work shall be performed in accordance with the requirements of the Corps and the Coast Guard.

The Corps and Coast Guard requirements include, but may not be limited to the requirements specified hereinafter.

The Contractor shall, during the bidding period, determine by his own means and to his own satisfaction any and all other Corps and Coast Guard requirements for the performance of the work of this contract. The Contractor shall determine all costs of compliance with Corps and Coast Guard requirements and shall include said costs in the unit bid price for the scheduled items in the proposal.

At no time during the performance of the work shall the river be closed to navigation.

Scaffolding, rigging, associated supports, and equipment shall not interfere with normal navigation under the bridge.

No existing bridge navigation light shall be blocked.

Added 10/15/2020

If permanent bridge or fender navigation lighting cannot be maintained operable, then identical temporary battery- or power-operated lights shall be installed at the same locations. These temporary lights shall be visible for a distance of 2,000 meters on 90 percent of the nights of the year. Generally, a lamp of 20 candlepower will meet these requirements. The temporary lights shall be in place until the project has been completed or permanent navigational lighting has been reinstalled and determined to be operating satisfactorily. Plans for temporary lighting, if used, during periods of project work shall be submitted to the Corps and Coast Guard for written approval. If temporary lights are not installed in the same location as the permanent lights, specific information regarding proposed locations compared to the permanent position shall be provided. Deviations from the approved temporary lighting shall be permitted only upon written authorization from the Corps and Coast Guard.

During the progress of work, should any material, machinery or equipment be lost, dumped, thrown overboard, dropped off the bridge, or sunk so as to obstruct, interfere with or hazard navigation, immediate notice shall be given to the Corps and the object removed as soon as possible. Until removal can be performed, the obstruction shall be properly marked in order to protect navigation. Notice to the Corps shall give a description and location of any such object and action taken or being taken to protect navigation and removal of the obstruction.

Spillage of oil and hazardous substances is specifically prohibited by section 311 of the federal water pollution control act of 1972, as amended. Preventive measures shall be taken including: (1) proper maintenance of construction equipment; (2) arrangement of fuel and hazardous substance handling areas so as to ensure that the any spills are contained before reaching navigable waterways or their adjoining shorelines; (3) instructions to personnel not to dispose of oil or hazardous substances into drains or the navigable waterways directly or onto adjoining shoreline; and (4) other procedures to prevent spillage. If in spite of such planning, oil or hazardous substances are spilled into navigable waterways or adjoining shorelines, the Corps and the U.S. Coast Guard National Response Center (Telephone: 800-424-8802) shall be notified immediately. A supply of an absorbent material shall be retained on hand so that it may be rapidly deployed to soak up any possible spillage, pending arrival of the Corps/ Coast Guard on the scene. The use of chemical dispersing agents and emulsifiers is not authorized without prior, specific, Corps / Coast Guard approval.

It shall be the responsibility of the Contractor to ensure that channel depths are not affected by the project work. Should it be suspected that channel depths have been impaired or that an obstruction resulting from the project work may exist, the Contractor shall upon request of the Corps or the Coast Guard, provide the necessary equipment and personnel to undertake a survey to determine the presence of such impairment or obstruction. The cost for this work shall be the responsibility of the Contractor, at no additional cost to the Department.

Should the Contractor fail to comply with these requirements and should the federal government be required to take some action for the protection of navigation or for the protection of the environment, the government reserves the right to recover costs for any such action from the Contractor, at no additional cost to the Department.

Added 10/15/2020

The federal government and the Department assume no responsibility for any damages sustained or caused by the Contractor's equipment at the site of the work. Any approval shall not act as a waiver of liability for any damage that may result from the Contractor's operation.

The Contractor shall completely remove any project related debris from the river at no additional cost to the Department.

Final payment will not be made unless and until any such project related debris has been removed.

Positive precautions shall be taken to prevent the accidental dropping of spark-producing, flame producing, lighted or other damaging objects onto barges or vessels passing beneath the bridge. All flame-cutting, welding, and similar spark-producing operations shall be ceased over the channel when vessels are passing beneath the bridge.

If scaffolding or nets are to be suspended below low steel in the navigation span, the U.S. Coast Guard, Second District Office, St. Louis, Missouri, shall be advised so that the temporary reduction in clearance for river traffic can be checked for reasonableness, and appropriate notices can be published. Such scaffolding or nets shall be removed during non-daylight hours.

When removing materials from the bridge, positive precautions shall be taken to ensure that none of the material falls into the river.

## **ELASTOMERIC BEARINGS (BDE)**

Effective: January 1, 2019

Revise the first paragraph of Article 1083.01 of the Standard Specifications to read:

**“1083.01 Description.** Elastomeric bearings shall consist of steel laminated elastomeric pads or assemblies of steel laminated elastomeric pads with externally bonded structural steel bearing plates, structural steel top bearing plate, and required stainless steel and PTFE sheets, as shown on the plans and as specified herein. The manufacturer shall be listed as compliant through the NTPEP program. The Department will maintain a qualified producer list.”

Added 10/15/2020

**MANHOLES, VALVE VAULTS, AND FLAT SLAB TOPS (BDE)**

Effective: January 1, 2018

Revised: March 1, 2019

Description. In addition to those manufactured according to the current standards included in this contract, manholes, valve vaults, and flat slab tops manufactured prior to March 1, 2019, according to the previous Highway Standards listed below will be accepted on this contract:

Product	Previous Standards		
Precast Manhole Type A, 4' (1.22 m) Diameter	602401-05	602401-04	602401-03
Precast Manhole Type A, 5' (1.52 m) Diameter	602402-01	602402	602401-03
Precast Manhole Type A, 6' (1.83 m) Diameter	602406-09	602406-08	602406-07
Precast Manhole Type A, 7' (2.13 m) Diameter	602411-07	602411-06	602411-05
Precast Manhole Type A, 8' (2.44 m) Diameter	602416-07	602416-06	602416-05
Precast Manhole Type A, 9' (2.74 m) Diameter	602421-07	602421-06	602421-05
Precast Manhole Type A, 10' (3.05 m) Diameter	602426-01	602426	
Precast Valve Vault Type A, 4' (1.22 m) Diameter	602501-04	602501-03	602501-02
Precast Valve Vault Type A, 5' (1.52 m) Diameter	602506-01	602506	602501-02
Precast Reinforced Concrete Flat Slab Top	602601-05	602601-04	

The following revisions to the Standard Specifications shall apply to manholes, valve vaults, and flat slab tops manufactured according to the current standards included in this contract:

Revise Article 602.02(g) of the Standard Specifications to read:

“(g) Structural Steel (Note 4) ..... 1006.04

Note 4. All components of the manhole joint splice shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable.”

Add the following to Article 602.02 of the Standard Specifications:

“(s) Anchor Bolts and Rods (Note 5) ..... 1006.09

Note 5. The threaded rods for the manhole joint splice shall be according to the requirements of ASTM F 1554, Grade 55, (Grade 380).”

Revise the second paragraph of Article 1042.10 of the Standard Specifications to read:

“Catch basin Types A, B, C, and D; Manhole Type A; Inlet Types A and B; Drainage Structures Types 1, 2, 3, 4, 5, and 6; Valve Vault Type A; and reinforced concrete flat slab top (Highway Standard 602601) shall be manufactured according to AASHTO M 199 (M 199M), except as shown on the plans. Additionally, catch basins, inlets, and drainage structures shall have a minimum concrete compressive strength of 4500 psi (31,000 kPa) at 28 days and manholes, valve vaults, and reinforced concrete flat slab tops shall have a minimum concrete compressive strength of 5000 psi (34,500 kPa) at 28 days.”

Added 10/15/2020

**PORTLAND CEMENT CONCRETE PAVEMENT PLACEMENT (BDE)**

Effective: July 1, 2020

Revise the fifth paragraph of Article 420.07 of the Standard Specifications to read:

“The concrete shall be deposited uniformly across the subgrade or subbase as close as possible to its final position. The time elapsing from when the concrete is unloaded until it is incorporated into the work shall not exceed 20 minutes. When required, hand spreading shall be accomplished with shovels.”

Added 10/15/2020