



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 22, 2025

SUBJECT FAP Route 666 (I-55 BUS/5<sup>th</sup> St.)  
Project NHPP-2PSH(110)  
Section (108Z)R,SW,TS  
Sangamon County  
Contract No. 72759

Item No. 93, March 7th, 2025 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 Schedule of Prices
2. Revised pages ii of the Table of Contents of the Special Provisions.
3. Revised pages 6, 19, and 31 of the Special Provisions.
4. Added pages 31A of the Special Provision
5. Revised sheets 14, 28, 35, and 37 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

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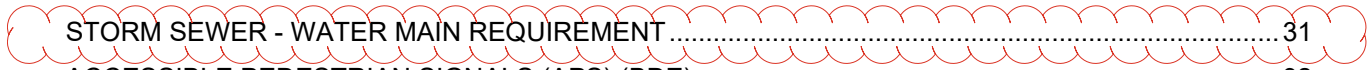
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temporary repairs which may be required to keep the facility operational while material is being obtained to make permanent repairs. Splicing of electric and fiber optic cables will not be allowed. Electric cables shall be replaced from pole to pole or controller.

## CHANGEABLE MESSAGE SIGN

The Contractor shall furnish two changeable message signs for this project. The signs shall be operational seven days prior to beginning construction on 5<sup>th</sup> Street and shall be located as directed by the Engineer.

It is anticipated the following locations shall have two changeable message sign each:

- SB 5<sup>th</sup> Street – just north of Spruce Street
- SB 5<sup>th</sup> Street – just north of South Grand Ave

The changeable message sign(s) shall remain in place throughout the duration of project.

Basis of Payment: This work will be paid for at the contract unit price per CALENDAR DAY for each CHANGEABLE MESSAGE SIGN. Any portion of one calendar day during which the sign is operated, as directed by the Engineer, shall be paid as one full calendar day. Any relocation of the signs, as directed by the Engineer, during construction will not be paid for separately, but shall be included in the cost of the changeable message sign.

## DETOUR SIGNING

Reviewed: April 14, 2020

Description. This work shall consist of furnishing, erecting, maintaining, covering, uncovering, and removing the detour signing as shown in the plans for the temporary closure of the intersections of 5<sup>th</sup> Street & Laurel and 5<sup>th</sup> Street & Ash Street.

Materials. The materials used shall be in accordance with Section/Article 1090, 1091, 1006.29, and 1007.05 of the Standard Specifications.

Construction Requirements. The Contractor shall furnish and erect new detour signs at locations indicated in the plans. The signs shall be post mounted. Where it is possible, signs may be attached to existing posts or poles. The Contractor can contact District 6 Operations (Traffic) at (217) 785-5306 for assistance in detour signing locations.

The signs are to be in place and uncovered prior to any road closure. When a detour is not in use, the detour signage shall be completely covered.

The signs and posts shall be removed when detours are no longer required. The Contractor shall return the area around the signs to its previous condition with no additional compensation. This may include seeding.

Method of Measurement. This work will be measured for payment on a lump sum basis and shall include furnishing, erecting, and maintaining detour route signs at locations indicated in the plans.

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repaired by the manufacturer at no cost to the state.

Basis of Payment. This item will be paid for at the contract unit price per EACH for PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED., BRACKET MOUNTED WITH COUNTDOWN TIMER with the number of faces indicated on the plans.

### **TRAFFIC SIGNAL POST**

Effective January 19, 2010

Description. This work shall consist of furnishing and installing a traffic signal post of the type and length indicated on the plans in accordance with Sections 875 and 1077.01 of the Standard Specifications for Road and Bridge Construction and the following additions or exceptions.

Minimum 1" diameter washers may be used between the post base and the anchor bolts to level the post.



Basis of Payment. This item will be paid for at the contract unit price per EACH for TRAFFIC SIGNAL POST of the type and length indicated on the plans.

### **REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

Description: This work shall consist of removing the existing equipment indicated on each intersection plan sheet. The traffic signal cabinet shall become the property of CWLP and the Contractor shall coordinate delivery to:

CWLP  
1600 Groth Street  
Springfield, IL 62703  
Phone 217-757-8520

Basis of Payment: This work will be paid for at the contract unit price per EACH for REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

### **TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE**

Effective: July 1, 2009

Revised: January 19, 2017

Description. This work shall consist of furnishing and installing a traffic signal backplate in accordance with Sections 882 and 1078.03 of the Standard Specifications for Road and Bridge Construction and the following exceptions.

The traffic signal backplates shall be of the same material as the traffic signal heads as specified on the plans. The following modifications shall be made to Art. 1078.03 Traffic Signal Backplate paragraph 3:

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contracting agency in application design, operation, setup, and maintenance of the video detection system. Manufacturer shall provide a tech support website, support email address, and a 1-800 number for technical support.

Basis of Payment. This work will be paid for at the contract unit price per EACH for VIDEO VEHICLE DETECTION SYSTEM.

## **STORM SEWER - WATER MAIN REQUIREMENT**

Revised: April 14, 2020

Description. This work shall consist of constructing a storm sewer to meet water main standards, as required by the IEPA or when otherwise specified.

Construction Requirements. The work shall be performed in accordance with applicable parts of Section 550 of the Standard Specifications, applicable sections of the current edition of the IEPA Regulations (Title 35 of the Illinois Administrative Code, Subtitle F, Chapter II, Section 653.119), the applicable sections of the current edition of the Standard Specifications for Water and Sewer Main Construction in Illinois, and as herein specified.

This provision shall govern the installation of all storm sewers which do not meet IEPA criteria for separation distance between storm sewers and water mains. Separation criteria for storm sewers placed adjacent to water mains and water service lines are as follows:

1. Water mains and water service lines shall be located at least 10 feet (3.05 meters) horizontally from any existing or proposed drain, storm sewer, or sewer service connection.
2. Water mains and water service lines may be located closer than 10 feet (3.05 meters) to a sewer line when:
  - a) local conditions prevent a lateral separation of 10 feet (3.05 meters), and
  - b) the water main or water service invert is 18 inches (460 mm) above the crown of the sewer, and
  - c) the water main or water service is either in a separate trench or in the same trench on an undisturbed earth shelf located to one side of the sewer.
3. A water main or water service shall be separated from a sewer so that its invert is a minimum of 18 inches (460 mm) above the crown of the drain or sewer whenever water mains or services cross storm sewers, sanitary sewers or sewer service connections. The vertical separation shall be maintained for that portion of the water main or water services located 10 feet (3.05 meters) horizontally of any sewer or drain crossed.

When it is impossible to meet 1, 2, and 3 above, the storm sewer shall be constructed of concrete pressure pipe, slip-on or mechanical joint ductile iron pipe, or PVC pipe equivalent to water main standards of construction. Construction shall extend on each side of a crossing until the perpendicular distance from the water main or water service to the sewer or drain line is at least 10 feet (3.05 meters). Storm sewer meeting water main requirements shall be constructed of the following pipe materials:

**Concrete Pressure Pipe.** Concrete pressure pipe shall conform to the latest ANSI/AWWA C300, C301, C302, or C303.

Joints shall conform to Article 41-2.07B of the "Standard Specifications for Water and Sewer Main Construction in Illinois."

**Ductile Iron Pipe.** Ductile-iron pipe shall conform to ANSI A 21.51 (AWWA C151), class or thickness designed per ANSI A 21.50 (AWWA C150), tar (seal) coated and/or cement lined per ANSI A 21.4 (AWWA C104), with a mechanical or rubber ring (slip seal or push on) joints.



Joints for ductile iron pipe shall be in accordance with the following applicable specifications.

1. Mechanical Joints - AWWA C111 and C600
2. Push-On Joints - AWWA C111 and C600

Plastic Pipe. Plastic pipe shall be marked with the manufacturer's name (or trademark); ASTM or AWWA specification; Schedule Number, Dimension Ratio (DR) Number or Standard Dimension Ratio (SDR) Number; and Cell Class. The pipe and fittings shall also meet NSF Standard 14, and bear the NSF seal of approval. Fittings shall be compatible with the type of pipe used. The plastic pipe options shall be in accordance with the following:

1. Polyvinyl Chloride (PVC) conforming to ASTM D 1785. Schedule 80 is the minimum required for all pipe sizes, except when the pipe is to be threaded, and then it shall be Schedule 120. It shall be made from PVC compound meeting ASTM D 1784, Class 12454.
2. Polyvinyl Chloride (PVC) conforming to ASTM D 2241. A minimum wall thickness of SDR 26 is required for all pipe sizes (Note: The lower the SDR number, the higher the wall thickness and pressure rating). It shall be made from PVC compound meeting ASTM D 1784, Class 12454.
3. Chlorinated Polyvinyl Chloride (CPVC) conforming to ASTM F 441. A minimum of Schedule 80 is required for all pipe sizes. Threaded joints are not allowed. It shall be made from CPVC compound meeting ASTM D 1784, Class 23447.
4. Chlorinated Polyvinyl Chloride (CPVC) conforming to ASTM F 442. A minimum wall thickness of SDR 26 is required for all pipe sizes (Note: The lower the SDR number, the higher the wall thickness and pressure rating). It shall be made from CPVC compound meeting ASTM D 1784, Class 23447.
5. Polyvinyl Chloride (PVC) conforming to ANSI/AWWA C900. A minimum of wall thickness of DR 25 is required for all pipe sizes (Note: The lower the DR number, the higher the wall thickness and pressure rating). It shall be made from PVC compound meeting ASTM D 1784, Class 12454.
6. Polyvinyl Chloride (PVC) conforming to ANSI/AWWA C905. A minimum of wall thickness of DR 26 is required for all pipe sizes (Note: The lower the DR number, the higher the wall thickness and pressure rating). It shall be made from PVC compound meeting ASTM D 1784, Class 12454.

Joining of plastic pipe shall be by push-on joint, solvent welded joint, heat welded joint, flanged joint, or threaded joint, in accordance with the pipe manufacturer's instructions and industry standards. Special precautions shall be taken to insure clean, dry contact surfaces when making solvent or heat welded joints. Adequate setting time shall be allowed for maximum strength.

Elastomeric seals (gaskets) used for push-on joints on plastic pipe shall comply with ASTM F477.

Solvent cement shall be specific for the plastic pipe material and shall comply with ASTM D 2564 (PVC) or ASTM F 493 (CPVC) and be approved by NSF.

For water-sewer line crossings only, storm sewer meeting water main requirements may also be constructed of reinforced concrete sewer pipe. The pipe shall conform to ASTM C 76 with a joint and rubber gasket meeting ASTM C 443. The joint shall meet the leakage performance test in ASTM C 443. The pipe manufacturer must demonstrate to Illinois Department of Transportation personnel that the joints pass the leakage performance test prior to installation of the pipe. The pipe class shall meet the requirements of Section 550 of the *Standard Specifications for Road and Bridge Construction*.

Method of Measurement. This work will be measured for payment in feet (meter), in place.

Basis of Payment. This work will be paid for at the contract unit price per foot (meter) for STORM SEWER (WATER MAIN REQUIREMENTS) of the diameter specified.

