

April 8, 2025

SUBJECT FAP Route 350 (US 41(Skokie Blvd) Project NHPP-X3TL(656) Section FAP 0350 23 SMART1 Cook County Contract No. 62V54 Item No. 33, April 25, 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 the Schedule of Prices
- 2. Revised the Table of Contents to the Special Provisions
- 3. Revised pages 21, 26, & 27 of the Special Provisions
- 4. Added pages 111-113 to the Special Provisions
- 5. Revised sheets 1-26 of the Plans
- 6. Added sheets 4a, 26a-26g, & 45a-45b to 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,

LEG\_

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

FAP Route 350 (US 41(Skokie Blvd) Project NHPP-X3TL(656) Section FAP 0350 23 SMART1 Cook County Contract No. 62V54

# TABLE OF CONTENTS

LOCATION OF PROJECT	1		
DESCRIPTION OF PROJECT	1		
MAINTENANCE OF ROADWAYS (D1)	2		
STATUS OF UTILITIES (D-1)	2		
CONSTRUCTION LAYOUT SPECIAL FOR RESURFACING WITH ADA AND STAND ALONE ADA (I	D1)7		
PUBLIC CONVENIENCE AND SAFETY (D1)	8		
HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)	9		
ADJUSTMENTS AND RECONSTRUCTIONS (D1)	16		
DRAINAGE AND INLET PROTECTION UNDER TRAFFIC (D1)	17		
CURB OR COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (D1)	18		
ENGINEER'S FIELD OFFICE TYPE A (D1)	20		
TRAFFIC CONTROL PLAN (D1)	20		
FRICTION AGGREGATE (D1)	21		
HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (D1)	24		
TEMPORARY INFORMATION SIGNING	25		
KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURES ONLY)	27		
TRAFFIC SIGNAL GENERAL REQUIREMENTS	28		
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	44		
UNDERGROUND RACEWAYS	46		
ROD AND CLEAN EXISTING CONDUIT			
ELECTRIC CABLE	48		
PEDESTRIAN SIGNAL POST	49		
CONCRETE FOUNDATIONS	50		
LIGHT EMITTING DIODE (LED) PEDESTRIAN SIGNAL HEAD	51		
DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFAC	ING,		
& PATCHING OPERATIONS)	53		
ACCESSIBLE PEDESTRIAN SIGNALS	56		
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	60		
HMA SURFACE REMOVAL, VARIABLE DEPTH	61		
DRILLED SHAFTS	61		
CONSTRUCTION REQUIREMENTS	64		
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE)	71		
CEMENT, FINELY DIVIDED MINERALS, ADMIXTURES; CONCRETE, AND MORTAR (BDE)73			

COMPENSABLE DELAY COSTS (BDE)	
CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)	
DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)	90
HOT-MIX ASPHALT – LONGITUDINAL JOINT SEALANT (BDE)	93
PAVEMENT MARKING INSPECTION (BDE)	94
PERFORMANCE GRADED ASPHALT BINDER (BDE)	94
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)	
SHORT TERM AND TEMPORARY PAVEMENT MARKINGS (BDE)	
SOURCE OF SUPPLY AND QUALITY REQUIREMENTS (BDE)	
SUBCONTRACTOR AND DBE PAYMENT REPORTING (BDE)	
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)	
SUBMISSION OF BIDDERS LIST INFORMATION (BDE)	
SUBMISSION OF PAYROLL RECORDS (BDE)	
SURVEYING SERVICES (BDE)	
VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)	
WEEKLY DBE TRUCKING REPORTS (BDE)	
WORK ZONE TRAFFIC CONTROL DEVICES (BDE)	
WORKING DAYS (BDE)	110
CONTRACTOR COOPERATION	111
REBUILD EXISTING HANDHOLE	111
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC)	112

SPECIAL PROVISIONS: MAINTENANCE OF ROADWAYS (D1) PUBLIC CONVENIENCE AND SAFETY (D1) TEMPORARY INFORMATION SIGNING

KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURES ONLY) SHORT TERM ND TEMPORARY PAVEMENT MARKINGS (BDE) VEHICLE EQUIPMENT AND WARNING LIGHTS (BDE) WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

# FRICTION AGGREGATE (D1)

Effective: January 1, 2011 Revised: December 1, 2021

Revise Article 1004.03(a) of the Standard Specifications to read:

**"1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA).** The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	Allowed Alone or in Combination <sup>5/</sup> :
		Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase	Allowed Alone or in Combination <sup>5/</sup> :
	or Shoulders	Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>1/</sup> Crushed Concrete

# GENERAL CONSTRUCTION REQUIREMENTS

#### Installation.

The sign sizes and legend sizes shall be verified by the Contractor prior to fabrication.

Signs which are placed along the roadway and/or within the construction zone shall be installed according to the requirements of Article 701.14 and Article 720.04. The signs shall be 7 ft (2.1 m) above the near edge of the pavement and shall be a minimum of 2 ft (600 mm) beyond the edge of the paved shoulder. A minimum of two (2) posts shall be used.

The attachment of temporary signs to existing bridges, sign structures or sign panels shall be approved by the Engineer. Any damage to the existing signs and/or structures due to the Contractor's operations shall be repaired or signs replaced, as determined by the Engineer, at the Contractor's expense.

#### Method of Measurement.

This work shall be measured for payment in square feet (square meters) edge to edge (horizontally and vertically).

All hardware, posts or skids, supports, bases for ground mounted signs, connections, which are required for mounting these signs will be included as part of this pay item.

#### Basis Of Payment.

This work shall be paid for at the contract unit price per square foot (square meter) for TEMPORARY INFORMATION SIGNING.

Revised 4/8/2025

# KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURES ONLY)

Effective: January 22, 2003 Revised: August 10, 2017

The Contractor shall provide the necessary traffic control devices to warn the public and to delineate the work zone as required in these Special Provisions, the Standard Specifications, the State Standards, and the District Details.

Arterial lane closures shall be in accordance with the Standard Specifications, Highway Standards, District Details, and the direction of the Engineer. The Contractor shall request and gain approval from the Engineer seventy–two (72) hours in advance of all long-term (24 hrs. or longer) lane closures.

Arterial **one lane** closures not shown in the staging plans will not be permitted during **peak traffic volume hours**.

Peak traffic volume hours are defined as weekdays (Monday through Friday) from **6:00 AM to 8:30 AM and 4:30 PM to 6:00 PM**.

Arterial **two lane** closures not shown in the staging plans will not be permitted during **peak traffic volume hours**.

Peak traffic volume hours for two lane closures are defined as weekdays (Monday through Friday) from **5:00 AM to 9:00 PM** 

Private vehicles shall not be parked in the work zone. Contractor's equipment and/or vehicles shall not be parked on the shoulders or in the median during non-working hours. The parking of equipment and/or vehicles on State right-of-way will only be permitted at locations approved by the Engineer in accordance with Articles 701.08 and 701.11 of the Standard Specifications.

Should the Contractor fail to completely open and keep open all the traffic lanes to traffic in accordance with the limitations specified above, the Contractor shall be liable to the Department for the amount of:

One lane or ramp blocked = \$1,000

Two lanes blocked = \$2,500

Not as a penalty but as liquidated and ascertained damages for each and every 15 minute interval or a portion thereof that a lane is blocked outside the allowable time limitations. Such damages may be deducted by the Department from any monies due the Contractor. These damages shall apply during the contract time and during any extensions of the contract time.

Revised 4/8/2025

### **CONTRACTOR COOPERATION**

It is anticipated that this contract will be constructed concurrently with other roadway projects within or adjacent to the project's improvement limits. Projects that may be under contract concurrent with this project are as follows:

#### Cook County DOH Job C-91-242-16

# Improvement: Pavement widening, Bridge Widening, Storm sewer work, Traffic signal installation,– Old Orchard Rd – Woods Dr to Skokie Blvd

The Contractor shall schedule his work in order to minimize any conflicts that may arise between contracts as specified in Article 105.08 of the Standard Specifications. No additional compensation will be allowed for delays or inconveniences resulting from activities of other contractors.

#### **REBUILD EXISTING HANDHOLE**

Effective: January 1, 2002 Revised: November 1, 2023 895.04TS

This item shall consist of rebuilding and bringing to grade a handhole or double handhole at a location shown on the plans or as directed by the Engineer. The work shall consist of removing the handhole frame and cover and the walls of the handhole to a depth of eight (8) inches below the finished grade.

#### Handhole

Four (4) holes, four (4) inches in depth and one half (1/2) inch in diameter, shall be drilled into the remaining concrete; one hole centered on each of the four handhole walls. Four (4) #3 epoxy coated steel rebar, eight (8) inches in length, shall be furnished and shall be installed in the drilled holes with a masonry epoxy.

#### Double Handhole

Six (6) holes, four (4) inches in depth and one half (1/2) inch in diameter, shall be drilled into the remaining concrete; one hole centered on both short walls and two spaced equally on both long walls. Six (6) #3 epoxy coated steel rebar, eight (8) inches in length, shall be furnished and shall be installed in the drilled holes with a masonry epoxy.

All concrete debris shall be disposed of outside the right-of-way. All rebar must meet the specifications set forth in 1006.10.

The area adjacent to each side of the handhole shall be excavated to allow forming. All steel hooks, handhole frame, cover, and concrete shall be provided to construct a rebuilt handhole according to applicable portions of Section 814 of the Standard Specification and as modified in 814.01TS HANDHOLES Special Provision. The existing frame and cover shall be replaced if it was damaged during removal or as determined by the Engineer.

#### Basis of Payment.

This work shall be paid for at the contract unit price each for REBUILD EXISTING HANDHOLE, which price shall be payment in full for all labor, materials, and equipment necessary to complete the work described above and as indicated on the drawings.

# **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.

<u>Contract Specific Sites</u>. The excavated soil and groundwater within the 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.

**Soil Disposal Analysis.** When the waste material requires sampling for landfill disposal acceptance, the Contractor shall secure a written list of the specific analytical parameters and analytical methods required by the landfill. The Contractor shall collect and analyze the required number of samples for the parameters required by the landfill using the appropriate analytical procedures. A copy of the required parameters and analytical methods (from landfill email or on landfill letterhead) shall be provided as Attachment 4A of the BDE 2733 (Regulated Substances Final Construction Report). The price shall include all sampling materials and effort necessary for collection and management of the samples, including transportation of samples from the job site to the laboratory. The Contractor shall be responsible for determining the specific disposal facilities to be utilized; and collect and analyze any samples required for disposal facility acceptance using a NELAP certified analytical laboratory registered with the State of Illinois.

Intersection of Skokie Boulevard and Old Orchard Road, Skokie, Cook County

• All excavation planned at the northwest quadrant, northeast quadrant, southeast quadrant and southwest quadrant at the intersection of Skokie Boulevard and Old Orchard Road. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Potential contaminants of concern sampling parameters: VOCs, SVOCs and Metals.

# Intersection of Skokie Boulevard and the North Mall Entrance by Crate & Barrel, Skokie, Cook County

• All excavation planned at the northwest quadrant, southwest quadrant and southeast quadrant at the intersection of Skokie Boulevard and the north mall entrance by Crate & Barrel. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Potential contaminants of concern sampling parameters: VOCs, SVOCs and Metals.

### Intersection of Skokie Boulevard (North of Golf Road) and the South Mall Entrance by CMX Market, Skokie, Cook County

• All excavation planned at the northwest quadrant, northeast quadrant, southeast quadrant and southwest quadrant at the intersection of Skokie Boulevard (North of Golf Road) and the South Mall Entrance by CMX Market. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Potential contaminants of concern sampling parameters: VOCs, SVOCs and Metals.

# Intersection of Skokie Boulevard (North of Golf Road) and the Middle Mall Entrance by Macy's, Skokie, Cook County

• All excavation planned at the northwest quadrant and southwest quadrant at the intersection of Skokie Boulevard (North of Golf Road) and the Middle Mall Entrance by Macy's. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Potential contaminants of concern sampling parameters: VOCs, SVOCs and Metals.

# Work Zones

Three distinct OSHA HAZWOPER work zones (exclusion, decontamination, and support) shall apply to projects adjacent to or within sites with documented leaking underground storage tank (LUST) incidents, or sites under management in accordance with the requirements of the Site Remediation Program (SRP), Resource Conservation and Recovery Act (RCRA), or Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), or as deemed necessary. For this project, the work zones apply for the following ISGS PESA Sites: **None**