



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 16, 2024

SUBJECT FAP Route 342 (IL 53)  
Project NHPP-J7CF(624)  
Section 2021-189-NW  
Cook County  
Contract No. 62P76  
Item No. 15, April 26, 2024 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 page ii of the Table of Contents to the Special Provisions
3. Revised pages 5-7 of the Special Provisions
4. Added pages 137-142 to the Special Provisions
5. Revised sheets 2-4, 21, 22, 28, 57, 59, 62, 65, 66 & 88-90 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

MTS

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE) .....	80
HOT-MIX ASPHALT (BDE).....	89
PERFORMANCE GRADED ASPHALT BINDER (BDE).....	90
PORTLAND CEMENT CONCRETE (BDE) .....	95
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE) .....	95
SEEDING (BDE) .....	96
SHORT TERM AND TEMPORARY PAVEMENT MARKINGS (BDE).....	101
SOURCE OF SUPPLY AND QUALITY REQUIREMENTS (BDE) .....	104
SUBCONTRACTOR AND DBE PAYMENT REPORTING (BDE) .....	104
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE) .....	105
SUBMISSION OF PAYROLL RECORDS (BDE).....	105
TRAFFIC SPOTTERS (BDE).....	107
TRAINING SPECIAL PROVISIONS (BDE) .....	108
IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAINING SPECIAL PROVISION.....	111
VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE) .....	113
WEEKLY DBE TRUCKING REPORTS (BDE).....	113
WORK ZONE TRAFFIC CONTROL DEVICES (BDE) .....	113
MENTOR-PROTÉGÉ PROGRAM .....	116
PROJECT LABOR AGREEMENT .....	117
REVISED SEQUENCE OF CONSTRUCTION .....	137
TEMPORARY CHAIN LINK FENCE, 6' .....	137
FRICTION AGGREGATE (D1) .....	138
HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (D1).....	141

Revised 4/16/2024

**Stage 1**

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER
Sta. 810+00 to Sta. 816+00 (20' RT)	Gas Main Electric Cable TV Cable Telephone Cable	<p>Watch and protect during noise wall foundation installation.</p> <p><b><u>Contractor is responsible to locate the utilities and shall perform test holes at each drilled shaft location.</u></b></p> <p><b><u>This work shall be considered incidental to this contract.</u></b></p> <p>In order to not damage the existing Nicor gas main, the peak particle velocity shall not exceed 25 mm/s if using a continuous vibratory piling operation (vibrodriver) and 40 mm/s if using a transient vibratory piling operation (impact hammer). Drilled shafts must be located at least 2' away from edge of gas main. Wall panels must provide 1.5' of vertical clearance.</p>	NICOR COMED COMCAST AT&T
Sta. 822+00 to Sta. 824+00 (Beneath existing/proposed noise wall)	Fiber Optic Cable Gas Main TV Cable Electric Cable Water Main Sanitary Sewer	<p>Utilities run <b><u>beneath</u></b> existing/proposed noise wall.</p> <p>Watch and protect during noise wall foundation installation.</p> <p><b><u>Contractor is responsible to locate the utilities and shall perform test holes at each drilled shaft location.</u></b></p> <p><b><u>This work shall be considered incidental to this contract.</u></b></p> <p>In order to not damage the existing Nicor gas main, the peak particle velocity shall not exceed 25 mm/s if using a continuous vibratory piling operation (vibrodriver) and 40 mm/s if using a transient vibratory piling operation (impact hammer). Drilled shafts must be located at least 2' away from edge of gas main. Wall panels must provide 1.5' of vertical clearance.</p>	AT&T NICOR COMCAST COMED Village of Palatine

Revised 4/16/2024

**Stage 2**

See the plans for utilities to be watched and protected at this stage. Contractor is responsible to locate the utilities and shall perform test holes at each drilled shaft location. This work shall be considered incidental to this contract.

**Stage 3**

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER
Sta. 753+00 to Sta. 756+50 (Beneath existing/proposed noise wall)	Electric Cable	<p>Electric cable runs <b><u>beneath</u></b> the existing/proposed noise wall. Contractor to be aware of the utilities and shall protect during noise wall foundation installation.</p> <p><b><u>Contractor is responsible to locate the utilities and shall perform test holes at each drilled shaft location. This work shall be considered incidental to this contract.</u></b></p>	COMED
Sta. 739+00 to Sta. 750+50 (2'-10' LT)	Gas Main Telephone Cable Fiber Optic Water Main Sanitary Sewer	<p>In order to not damage the existing Nicor gas main, the peak particle velocity shall not exceed 25 mm/s if using a continuous vibratory piling operation (vibrodriver) and 40 mm/s if using a transient vibratory piling operation (impact hammer). Drilled shafts must be located at least 2' away from edge of gas main. Wall panels must provide 1.5' of vertical clearance.</p> <p>Contractor to be aware of the utilities and shall protect against any damage during noise wall foundation installation.</p> <p><b><u>Contractor is responsible to locate the utilities and shall perform test holes at each drilled shaft location. This work shall be considered incidental to this contract.</u></b></p>	NICOR AT&T AT&T Village of Palatine

Revised 4/16/2024

**Stage 4**

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER
Sta. 713+53.44 to Sta. 728+50 (3'-21' LT)	Electric Cable TV Cable Telephone Cable Water Main Sanitary Sewer	Contractor to be aware of the utilities and shall protect against any damage during noise wall foundation installation. <b><u>Contractor is responsible to locate the utilities and shall perform test holes at each drilled shaft location. This work shall be considered incidental to this contract.</u></b>	COMED COMCAST AT&T Village of Palatine
Sta. 720+45	Water Main	Water main and sanitary sewer run <b><u>beneath</u></b> the existing/proposed noise wall. Contractor to be aware of the utilities and shall protect against any damage during noise wall foundation installation. <b><u>Contractor is responsible to locate the utilities and shall perform test holes at each drilled shaft location. This work shall be considered incidental to this contract.</u></b>	Village of Palatine
Sta. 732+00 to Sta. 737+50 (10' LT)	Electric Cable and Utility Boxes	Contractor to be aware of the utilities and shall protect against any damage during construction.	COMED

**Pre-Stage 5**

No utilities to watch and protect.

**Stage 5**

See the plans for utilities to be watched and protected at this stage. Contractor is responsible to locate the utilities and shall perform test holes at each drilled shaft location. This work shall be considered incidental to this contract.

Revised 4/16/2024

## **REVISED SEQUENCE OF CONSTRUCTION**

Within a period of 15 calendar days after the award of the contract and the notice to proceed, the contractor shall carry out the following work tasks:

1. Remove and dispose of all sections of the existing noise walls along the east side of the expressway between approximate (Sta. 800+00 to Sta. 849+95) and shall install temporary chain link fence to maintain full access control of the expressway as directed and approved in advance by the Engineer. Other noise walls areas (collapsed or about to collapse on west side of the expressway within the project limits) may also be included as directed by the Engineer.
2. Payment for the temporary chain link fence installed in place will be paid for at the contract unit price per foot. Fence shall be safely erected & completed in place and shall include all necessary items for the installation.
3. The removal of the existing noise walls shall be considered as part of Removal of Existing Structures No. 1 or No. 2 shown in the plans and as directed by the Engineer per Section 501 of the standard specifications.

## **TEMPORARY CHAIN LINK FENCE, 6'**

Description: This work shall consist of furnishing, installing, and removing 6' temporary chain link fence along the existing noise wall location and as directed by the engineer. This work shall be completed according to Standard 664001 and Section 664 of the Standard Specifications and as noted herein. The Contractor shall submit details of the fence, mounting, hardware, and other appurtenances for approval by the Engineer.

### **Requirements:**

- Section 664.11 of the Standard Specifications shall not be required.
- Posts and concrete foundations will be completely removed. The resulting holes will be filled with a material meeting the requirements of Section 1003.04, except the top three (3) inches. The top three (3) inches will be of a like material to the existing surface. No additional compensation will be provided for this work.
- After removing and disposing of all sections of the existing noise walls, the temporary chain link fence shall be installed along the expressway to maintain full access control of the expressway as directed and approved by the engineer.

### **METHOD OF MEASUREMENT:**

Temporary chain link fence will be measured per FOOT, along the top of the fence from center to center of end posts.

### **BASIS OF PAYMENT:**

Following approval of the temporary fence installation, 60 percent of the bid price will be eligible for payment. The remaining 40 percent will be paid following the removal of the temporary fence. This work and all necessary items for the installation shall be paid for at the contract unit price per foot for TEMPORARY CHAIN LINK FENCE, 6'.

Added 4/16/2024

**FRICITION 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	<u>Allowed Alone or in Combination</u> <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 or Shoulders	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>1/</sup> Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L  SMA Binder	<u>Allowed Alone or in Combination</u> <sup>5/ 6/</sup> : Crushed Gravel Carbonate Crushed Stone <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete <sup>3/</sup>

Use	Mixture	Aggregates Allowed	
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 IL-9.5FG or IL-9.5L	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Crushed Gravel Carbonate Crushed Stone <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>4/</sup> Crushed Concrete <sup>3/</sup>	
HMA High ESAL	D Surface and Binder IL-9.5 or IL-9.5FG	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Crushed Gravel Carbonate Crushed Stone (other than Limestone) <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>4/</sup>	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		25% Limestone	Dolomite
		50% Limestone	Any Mixture D aggregate other than Dolomite
75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone		
HMA High ESAL	E Surface IL-9.5  SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> <sup>5/ 6/</sup> : Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag  No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
	50% Dolomite <sup>2/</sup>	Any Mixture E aggregate	



Use	Mixture	Aggregates Allowed	
		75% Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
		75% Crushed Gravel <sup>2/</sup>	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
HMA High ESAL	F Surface IL-9.5  SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> <sup>5/ 6/</sup> :	
		Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Crushed Gravel <sup>2/</sup> or Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as binder.
- 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume.”
- 6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80.”

**HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (D1)**

Effective: January 1, 2019

Revised: December 1, 2021

Add to Article 1030.05 (d)(3) of the Standard Specifications to read:

“ During mixture design, prepared samples shall be submitted to the District laboratory by the Contractor for verification testing. The required testing, and number and size of prepared samples submitted, shall be according to the following tables.

High ESAL – Required Samples for Verification Testing	
Mixture	Hamburg Wheel and I-FIT Testing <sup>1/ 2/</sup>
Binder	total of 3 - 160 mm tall bricks
Surface	total of 4 - 160 mm tall bricks

Low ESAL – Required Samples for Verification Testing	
Mixture	I-FIT Testing <sup>1/ 2/</sup>
Binder	1 - 160 mm tall brick
Surface	2 - 160 mm tall bricks

- 1/ The compacted gyratory bricks for Hamburg wheel and I-FIT testing shall be  $7.5 \pm 0.5$  percent air voids.
- 2/ If the Contractor does not possess the equipment to prepare the 160 mm tall brick(s), twice as many 115 mm tall compacted gyratory bricks will be acceptable.

Revise the fourth paragraph of Article 1030.10 of the Standard Specifications to read:

“When a test strip is not required, each HMA mixture shall still be sampled on the first day of production: I-FIT and Hamburg wheel testing for High ESAL; I-FIT testing for Low ESAL. Within two working days after sampling the mixture, the Contractor shall deliver gyratory cylinders to the District laboratory for Department verification testing. The High ESAL mixture test results shall meet the requirements of Articles 1030.05(d)(3) and 1030.05(d)(4). The Low ESAL mixture test results shall meet the requirements of Article 1030.05(d)(4). The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the “High ESAL - Required Samples for Verification Testing” table in Article 1030.05(d)(3) above.”

Add the following to the end of Article 1030.10 of the Standard Specifications to read:

“Mixture sampled during first day of production shall include approximately 60 lb (27 kg) of additional material for the Department to conduct Hamburg wheel testing and approximately 80 lb (36 kg) of additional material for the Department to conduct I-FIT testing. Within two working days after sampling, the Contractor shall deliver prepared samples to the District laboratory for verification testing. The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the “High ESAL - Required Samples for Verification Testing” table in Article 1030.05(d)(3) above.”