Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

May 29, 2025

SUBJECT FAP ROUTES 334 AND 335 (US 12 AND IL 176)
PROJECT HSIP-AQR6(252)
SECTION 2024-1053-RS&N,SR,RS
LAKE COUNTY
CONTRACT NO. 62P73
Item No. 196, June 16, 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 page 2 of the Table of Contents to the Special Provisions
3. Revised pages 24, 25, & 29 of the Special Provisions
4. Revised sheets 1, 2, 5-8, 15, 18, 20-26, 47-66, & 99 of the Plans
5. Added page 100A 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,

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

MTS

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Revised 5/29/2025

Revise subparagraph (m) of Article 670.02 to read:

(m) One electric water cooler dispenser including water service.

Add the following subparagraphs to Article 670.02:

(s) One 4 foot x 6 foot chalkboard or dry erase board.

(t) One 4 foot x 6 foot framed cork board.

Add the following to Article 670.07 Basis of Payment.

The building or buildings, fully equipped, will be paid for at the contract unit price per CALENDAR MONTH or fraction thereof for ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL).

TRAFFIC CONTROL PLAN (D1)

Effective: September 30, 1985 Revised: January 1, 2007

Traffic control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and highway standards contained in the plans, and the special provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following highway standards, details, Recurring Special Provisions and special provisions contained herein, relating to traffic control.

The Contractor shall contact the IDOT D1 Traffic a minimum of 72 hours in advance of beginning work.

Standards:

• 701006 • 701011 • 701101 • 701106	• 701201 • 701301 • 701306 • 701311	• 701411 • 701421 • • 701426	• 701501 • 701701 • 701901

Details:

- Entrance And Exit Ramp Closure Details (TC-08)
- Traffic Control and Protection for Sideroads, Intersections, and Driveways (TC-10)
- District One Typical Pavement Markings (TC-13)
- Traffic Control and Protection at Turn Bays (To Remain Open) (TC-14)
- Pavement Marking Letters and Symbols for Traffic Staging (TC-16)
- Arterial Road Information Sign (TC-22)
- **Driveway Entrance Signing (TC-26)**

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Special Provisions:

- Temporary Information Signing
- Vehicle and Equipment Warning Lights (BDE)
- Work Zone Traffic Control Devices (BDE)
- Short Term and Temporary Pavement Markings (BDE)
- Speed Display Trailer (BDE)
-
- Maintenance of Roadways (D1)
- Public Convenience and Safety (D1)
- Pavement and Shoulder Resurfacing (Recurring SP #13)
- Keeping Arterial Roadways Open to Traffic (Lane Closures Only)
- **Work Restrictions**
- **Traffic Control and Protection Standard TC8**

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 [5/]: 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	Allowed Alone or in Combination [5/]: Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag[1/] Crushed Concrete

GRADING AND SHAPING SHOULDERS (D1)

Effective: December 28, 2001 Revised: January 1, 2007

Description. This work consists of regrading the existing aggregate shoulder high areas before a new layer of stone is laid for the proposed Aggregate Shoulder.

Construction Requirements. Applicable portions of Sections 202 and 481 shall apply. The existing aggregate shoulder shall be redistributed and regraded to fill any low spots and compacted in a manner approved by the Engineer.

Basis of Payment. This work will be paid for at the contract unit price per UNIT (equivalent to 100 linear feet) for GRADING AND SHAPING SHOULDERS

TEMPORARY INFORMATION SIGNING (D1)

Effective: November 13, 1996 Revised: January 29, 2020

Description. This work shall consist of furnishing, installing, maintaining, relocating for various states of construction and eventually removing temporary informational signs. Included in this item may be ground mount signs, skid mount signs, truss mount signs, bridge mount signs, and overlay sign panels which cover portions of existing signs.

Materials. Materials shall be according to the following Articles of Section 1000 - Materials:

	Item	**Article/Section**
a.)	Sign Base (Note 1)	1090

Revised 5/29/2025

PREFORMED PLASTIC PAVEMENT MARKING (BDE)

Effective: June 2, 2024

Revise Article 1095.03(h) of the Standard Specifications to read:

"(h) Glass Beads. Glass beads shall be colorless and uniformly distributed throughout the yellow and white portions of the material only. A top coating of beads shall be bonded to or directly embedded into the surface of the markings such that the beads are not easily removed when the film is scratched firmly with a thumb nail.

The glass bead refractive index shall be tested using the liquid immersion method.

Type B material shall have an inner mix of glass beads with a minimum refractive index of 1.50 and a top coating of ceramic beads bonded to top urethane wear surface with a minimum refractive index of 1.70. Beads with a refractive index greater than 1.80 shall not be used.

Type C material shall have glass beads with a minimum refractive index of 1.50 and a layer of skid resistant ceramic particles bonded to the top urethane wear surface. The urethane wear surface shall have a nominal thickness of 5 mils (0.13 mm)."

Revise Article 1095.03(n) of the Standard Specifications to read:

"(n) Sampling and Inspection.

(1) Sample. Prior to approval and use of preformed plastic pavement markings, the manufacturer shall submit a notarized certification from an independent laboratory, together with the results of all tests, stating that the material meets the requirements as set forth herein. The independent laboratory test report shall state the lot tested, the manufacturer's name, and the date of manufacture.

After initial approval by the Department, samples and certification by the manufacturer shall be submitted for each subsequent batch used. The manufacturer shall submit a certification stating that the material meets the requirements as set forth herein and is essentially identical to the material sent for qualification. The certification shall state the lot tested, the manufacturer's name, and the date of manufacture.

(2) Inspection. The Contractor shall provide a manufacturer's certification to the Engineer stating the material meets all requirements of this specification. All material samples for acceptance tests will be taken or witnessed by a representative of the Bureau of Materials and will be submitted to the Engineer of Materials, 126 East Ash Street, Springfield, Illinois 62704-4766 at least 30 days in advance of the pavement marking operations."

Added 5/29/2025

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.

Contract Specific Sites. 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.

Site 4716-1: ROW, 26300-31500 Blocks of US 12, Wauconda Township, Lake County

- Station 177+90 to Station 193+30 (CL US 12), 0 to 105 feet LT and RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: VOCs, SVOCs and Metals.
- Station 193+30 to Station 198+90 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Lead and Manganese.
- Station 198+90 to Station 203+90 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 203+90 to Station 208+90 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 208+90 to Station 214+90 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron and Manganese.
- Station 219+00 to Station 223+95 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Lead and Manganese.

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- Station 223+95 to Station 228+75 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 228+75 to Station 253+45 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 253+45 to Station 272+80 (CL US 12), 0 to 175 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 272+80 to Station 277+45 (CL US 12), 0 to 60 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron and Manganese.
- Station 280+30 to Station 285+50 (CL US 12), 0 to 60 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 285+50 to Station 294+85 (CL US 12), 0 to 120 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Lead and Manganese.
- Station 294+85 to Station 299+55 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 299+55 to Station 309+55 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 309+55 to Station 314+55 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 314+55 to Station 329+55 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Beryllium, Cadmium, Chromium, Iron, Lead, Manganese, Nickel and Thallium.
- Station 329+55 to Station 334+55 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 334+55 to Station 359+45 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Benzo(a)pyrene, Iron, Lead and Manganese.

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- Station 359+45 to Station 364+45 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 364+45 to Station 369+30 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 369+30 to Station 374+30 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 379+30 to Station 384+30 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 384+30 to Station 394+30 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 394+30 to Station 399+30 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 399+30 to Station 411+10 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 411+10 to Station 419+20 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Antimony, Iron, Lead and Manganese.
- Station 419+20 to Station 426+00 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 426+00 to Station 431+10 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameter: Manganese.
- Station 431+10 to Station 435+70 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 435+70 to Station 445+05 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Benzo(a)pyrene, Iron and Manganese.
- Station 445+05 to Station 450+15 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.

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- Station 450+15 to Station 455+15 (CL US 12), 0 to 100 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Beryllium, Chromium, Iron, Lead and Manganese, Nickel and Thallium.
- Station 455+15 to Station 460+15 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 460+15 to Station 465+15 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron and Manganese.
- Station 465+15 to Station 470+45 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Iron, Lead and Manganese.
- Station 470+45 to Station 475+60 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 475+60 to Station 480+50 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameter: Manganese.
- Station 480+50 to Station 490+50 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 490+50 to Station 500+50 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron and Manganese.
- Station 500+50 to Station 505+05 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 505+05 to Station 509+05 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(3). Contaminants of concern sampling parameters: Benzo(a)pyrene, Lead and Manganese.
- Station 509+05 to Station 516+30 (CL US 12), 0 to 115 feet RT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Benzo(a)pyrene, Iron, Lead and Manganese.
- Station 193+30 to Station 203+90 (CL US 12), 0 to 90 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 203+90 to Station 208+90 (CL US 12), 0 to 90 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron and Manganese.

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- Station 208+90 to Station 214+20 (CL US 12), 0 to 90 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 228+75 to Station 241+70 (CL US 12), 0 to 90 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 251+60 to Station 270+15 (CL US 12), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 270+15 to Station 274+60 (CL US 12), 0 to 75 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 274+60 to Station 278+20 (CL US 12), 0 to 75 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 280+20 to Station 283+60 (CL US 12), 0 to 75 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 283+60 to Station 293+05 (CL US 12), 0 to 130 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Benzo(a)pyrene, Lead and Manganese.
- Station 293+05 to Station 297+95 (CL US 12), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 297+95 to Station 302+90 (CL US 12), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameter: Manganese.
- Station 302+90 to Station 312+80 (CL US 12), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 312+80 to Station 317+95 (CL US 12), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameter: Manganese.
- Station 317+95 to Station 323+00 (CL US 12), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 323+00 to Station 328+35 (CL US 12), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: VOCs, Iron and Manganese.
- Station 328+35 to Station 392+95 (CL US 12), 0 to 100 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.

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- Station 403+00 to Station 427+10 (CL US 12), 0 to 110 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 432+20 to Station 437+25 (CL US 12), 0 to 120 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 437+25 to Station 442+25 (CL US 12), 0 to 120 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Manganese, Thallium.
- Station 442+25 to Station 482+60 (CL US 12), 0 to 120 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 482+60 to Station 487+60 (CL US 12), 0 to 85 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Manganese and Thallium.
- Station 487+60 to Station 492+60 (CL US 12), 0 to 80 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Lead and Manganese.
- Station 492+60 to Station 497+60 (CL US 12), 0 to 80 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameters: Iron and Manganese.
- Station 497+60 to Station 502+30 (CL US 12), 0 to 80 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Chromium, Iron, Lead, Manganese, Nickel and Thallium
- Station 502+30 to Station 506+30 (CL US 12), 0 to 80 feet LT. The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameters: Beryllium, Chromium, Iron, Lead, Manganese, Nickel and Thallium.

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**:**
Site No. 1 from Station 411+10 to Station 419+20 (CL US 12), 0 to 100 feet RT.

Added 5/29/2025

Engineered Barrier. An engineered barrier shall be installed in storm sewer, sanitary sewer and/or water main trenches to limit the exposure and control the migration of contamination from the contaminated soil that remains within the trench excavation. It shall be placed beneath the trench backfill material at the following locations:

- Station 411+10 to Station 419+20 (CL US 12), 0 to 100 feet RT (ROW, PESA Site 4716-1, 26300-31500 Blocks of US 12, Wauconda Township, Lake County) – non-special waste. Contaminant of concern sampling parameter: Lead.

The engineered barrier shall consist of a geosynthetic clay liner system, geomembrane liner, or equivalent material as approved by the Engineer. A geosynthetic clay liner shall be composed of a bentonite clay liner approximately 0.25 inches thick. The engineered barrier shall have a permeability of less than 10^{-7} cm/sec. Installation of the geosynthetic clay liner system shall be in accordance with the manufacturer's recommendations except that all laps shall face down-slope.

The geomembrane liner shall have a minimum thickness of 30 mils. The geomembrane liner shall line the entire trench and installed in accordance with the manufacturer's recommendations.

No equipment will be allowed on the engineered barrier until it is covered by a minimum of 1 foot of backfill. Any damage to the engineered barrier caused by the Contractor shall be repaired at no additional expense to the Department in accordance with the manufacturer's recommendations and as directed by the Engineer.

Method of Measurement: The engineered barrier will be measured for payment in place and the area computed in square yards.

Basis of Payment: The engineered barrier will be paid for at the contract unit price per square yard for ENGINEERED BARRIER.

TELEVISION INSPECTION OF SEWER

Description. This work shall consist of a closed-circuit color television inspection of existing storm sewers and pipe culverts as shown on the plans or as directed by the engineer.

Televising Requirements. A monitor shall be mounted in a truck or trailer with sufficient space available so that the operation may be viewed by the Engineer. The operation shall be digitally recorded with a narrative description. Still pictures shall be taken as requested by the Engineer. All recordings are to be in high quality color. Prior to televising, 2 passes shall be made through the sewer to be televised by the combined method of jet rodding, root cutting and/or brushing, to remove any small debris. The Contractor shall be responsible for properly disposing of all debris. The operation shall be stopped if the Contractor discovers any sewer which has sediment of 1/4 or more of the pipe diameter unless otherwise directed by the Engineer. Once the debris is removed from the pipe, video televising shall resume.

Added 5/29/2025

The video camera must be passed through the sewer at a uniform rate of travel not to exceed 30 feet per minute. The inspection must show the top and sides of sewer pipes, manholes, junctions, house connections, obstructions, or other conditions, which reveal the sewers type and physical condition. Panning and zoom rates must be controlled to provide clarity of the video inspection during playback.

If the video camera is inhibited by any obstruction, which was not removed by flushing, the Contractor must re-set the equipment in a manner so that the inspection can continue from the opposite direction. If the obstruction prevents further video of the sewer, the Contractor must notify the RE on how to proceed with the work.

Two (2) hard copies and a PDF copy of a written report of the televising procedure shall be provided to IDOT. This report shall also indicate the location and nature of any defects encountered; for example, cracks, open joints, excessive roots, missing pipe, and low points. The hard copy of the report shall be computer generated and prepared on 8-1/2”x11” paper. Documentation shall include a defect report for all defect locations. The report shall consist of the following:

- Summary sheet showing all reports for each site
- Manhole and/or Headwall Designations (Number)
- Depth of the manhole
- Construction of manhole (brick, block, precast, etc.)
- Pipe size and material (CMP, RCP, PVC, ductile iron, etc.)
- Direction of flow
- Pipe collapsed
- Pipe partially collapsed, gull-winged, or losing shape and the extent thereof (amount of deformation, loss of vertical diameter percent)
- Missing pieces of pipe (size and location by clock reference)
- Longitudinal crack (width of crack, and location by clock reference)
- Circumferential crack (size, location, and start and stop by clock reference)
- Open joint (length of open joint)
- Offset joint (offset in inches and location)
- Corrosion (chemical or gas) estimated by depth
- Erosion (mechanical abrasion) estimated by depth
- Sags in lines (estimate of depth)
- Any other defect that should be noted

When the Contractor completes televising the drainage pipe(s), the Contractor shall provide the Engineer with an electronic copy of the televising video within 48 hours of completing the televised inspection. The televising reports shall be provided within 7 calendar days of completing the televised inspection. The video and reports shall become the property of IDOT. The Contractor shall maintain copies of all items submitted to Engineer for Contractor’s own use and record.

Added 5/29/2025

Method of Measurement. Televising of the storm sewers and pipe culvert, regardless of diameter, will be measured per lineal foot from inside wall of structure to inside wall of structure (manholes, inlets, catch basins) or from headwall to headwall of the pipe culvert.

Cleaning of the sewer pipe or culvert pipe will be paid for separately.

Basis of Payment. This work will be paid for at the contract unit price per foot for TELEVISION INSPECTION OF SEWER, regardless of diameter; which price shall include all labor, materials, and equipment necessary to complete the work as specified herein.

Added 5/29/2025