



# Illinois Department of Transportation

## Memorandum

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To:	Pete Harmet	Attention: Sam Mead
From:	Ken Eng	By: Issam Rayyan
Subject:	Final Preliminary Site Investigation (PSI) Report	
Date:	August 25, 2017	

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Refer to:

<b>IDOT Job No.:</b> D-91-103-16	<b>PTB:</b> 178-008 / HH-1
<b>Project Job No.:</b> P-91-385-10	<b>Work Order No.:</b> 02A
<b>District:</b> 1	<b>BDE Sequence No.:</b> 16955B
<b>County:</b> Cook	<b>Requesting Agency:</b> DOH
<b>Municipality:</b> Bartlett, Streamwood	<b>Contract No.:</b> 60V57
<b>Route:</b> FAP 345	<b>Section No.:</b> 7K-1(12)
<b>Marked:</b> US Route 20	<b>ISGS PESA No.:</b> 2531V
<b>Street:</b> Lake Street	<b>Letting Date:</b> November 17, 2017
<b>From To/At:</b> @ IL Route 59	<b>Final PSI Completion:</b> August 25, 2017

The completed Preliminary Site Investigation (PSI) Report dated August 25, 2017, by Huff & Huff, Inc., and the Special Provision, are available for the above referenced project. The documents can be downloaded from the Illinois Site Assessment Tracking System (ISATS) extranet site for your use and distribution, as required.

Based on the recommendations of the PSI report, if the District wants to pursue construction in the area of soil contamination, then the Contractor shall be responsible for hiring an Environmental Firm with at least five (5) documented leaking underground storage tanks (LUST) cleanups or that is pre-qualified in hazardous waste by the Department to remediate the soil contamination and monitor for worker protection.

An estimated quantity of potentially impacted soil has been included in the PSI report. The impacted soil would be classified as a non-special waste. The estimated cost associated with contaminated soil is \$580,000 at 18 properties. All utility companies relocating within the following areas should be notified of the potential soil contamination, and the attached special provision shall be included in the contract plans.

Site 2531V-37 (Residential Buildings)

- Station 79+75 to Station 81+05 (CL IL Route 59), 0 to 95 feet RT (Residential Buildings, PESA Site 2531V-37, 9N041-9N107 IL 59 and 300-338Pebble Beach Lane, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

- Station 81+05 to Station 85+05 (CL IL Route 59), 0 to 70 feet RT (Residential Buildings, PESA Site 2531V-37, 9N041-9N107 IL 59 and 300-338Pebble Beach Lane, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 86+45 to Station 87+05 (CL IL Route 59), 0 to 100 feet RT (Residential Buildings, PESA Site 2531V-37, 9N041-9N107 IL 59 and 300-338Pebble Beach Lane, Bartlett). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

Site 2531V-41 (Vacant Land)

- Station 81+75 to Station 84+25 (CL IL Route 59), 0 to 40 feet LT (Vacant Land, PESA Site 2531V-41, 9N100 block of IL 59, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 93+00 to Station 95+55 (CL IL Route 59), 0 to 100 feet LT (Vacant Land, PESA Site 2531V-41, 9N100 block of IL 59, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 95+55 to Station 95+80 (CL IL Route 59), 0 to 200 feet LT (Vacant Land, PESA Site 2531V-41, 9N100 block of IL 59, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.

Site 2531V-36 (Residence)

- Station 87+05 to Station 87+75 (CL IL Route 59), 0 to 100 feet RT (Residence, PESA Site 2531V-36, 9N125 IL 59, unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 87+75 to Station 89+10 (CL IL Route 59), 0 to 100 feet RT (Residence, PESA Site 2531V-36, 9N125 IL 59, unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 89+10 to Station 90+10 (CL IL Route 59), 0 to 100 feet RT (Residence, PESA Site 2531V-36, 9N125 IL 59, unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

Site 2531V-35 (Scholl's 4 Season's Motorsports Inc.)

- Station 90+10 to Station 91+55 (CL IL Route 59), 0 to 100 feet RT (Scholl's 4 Season's Motorsports Inc., PESA Site 2531V-35, 9N175 IL 59, unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

Site 2531V-34 (Vacant Land)

- Station 92+60 to Station 93+80 (CL IL Route 59), 0 to 80 feet RT (Vacant Land, PESA Site 2531V-34, 700-800 blocks of Lake Street, Bartlett, and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 212+15 to Station 214+10 (CL US Route 20), 0 to 160 feet RT (Vacant Land, PESA Site 2531V-34, 700-800 blocks of Lake Street, Bartlett, and unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

Site 2531V-43 (ROW)

- Station 95+80 to Station 96+95 (CL IL Route 59), 0 to 200 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.
- Station 98+00 to Station 100+80 (CL IL Route 59), 0 to 50 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 100+80 to Station 101+60 (CL IL Route 59), 0 to 85 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 103+65 to Station 105+25 (CL IL Route 59), 0 to 75 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Lead and Manganese.
- Station 105+25 to Station 106+00 (CL IL Route 59), 0 to 190 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Lead and Manganese.
- Station 193+00 to Station 194+80 (CL US Route 20), 0 to 240 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(4) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzo(a)pyrene, Benzo(b)fluoranthene, and Dibenzo(a,h)anthracene.
- Station 194+80 to Station 195+60 (CL US Route 20), 0 to 240 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Iron.
- Station 195+60 to Station 197+25 (CL US Route 20), 0 to 190 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material

- meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Iron.
- Station 197+25 to Station 199+50 (CL US Route 20), 0 to 60 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Lead, and Iron.
  - Station 0+45 to Station 3+00 (CL Ramp A), 0 to 105 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.
  - Station 3+00 to Station 5+25 (CL Ramp A), 0 to 30 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
  - Station 5+25 to Station 8+50 (CL Ramp A), 0 to 160 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Lead, Iron, and Manganese.
  - Station 114+45 to Station 116+50 (CL Ramp C), 0 to 100 feet LT (ROW, PESA Site 2531V-43, 1200 block of Sutton Road, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.

Site 2531V-18 (Residences and Vacant Land)

- Station 99+60 to Station 101+60 (CL IL Route 59), 0 to 80 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 101+60 to Station 105+35 (CL IL Route 59), 0 to 90 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic and Manganese.
- Station 105+35 to Station 108+00 (CL IL Route 59), 0 to 90 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 109+25 to Station 112+15 (CL IL Route 59), 0 to 60 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and

- unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic and Manganese.
- Station 112+15 to Station 113+00 (CL IL Route 59), 0 to 80 feet RT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic and Manganese.
  - Station 201+55 to Station 203+60 (CL US Route 20), 0 to 60 feet LT (Residences and Vacant Land, PESA Site 2531V-18, 648-676 White Oak Lane, 29W900 block of Lake Street, and 29W980 Lake Street, Bartlett and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Site 2531V-56 (Residential Buildings)

- Station 106+00 to Station 107+40 (CL IL Route 59), 0 to 190 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 108+20 to Station 109+45 (CL IL Route 59), 0 to 105 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 109+45 to Station 110+30 (CL IL Route 59), 0 to 70 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 110+30 to Station 111+90 (CL IL Route 59), 0 to 70 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 0+45 to Station 3+65 (CL Ramp A), 0 to 70 feet RT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 3+65 to Station 10+15 (CL Ramp A), 0 to 70 feet RT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Lead, Iron, and Manganese.

- Station 186+80 to Station 189+05 (CL US Route 20), 0 to 80 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Lead.
- Station 189+05 to Station 190+80 (CL US Route 20), 0 to 80 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 190+80 to Station 192+10 (CL US Route 20), 0 to 80 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 192+10 to Station 193+00 (CL US Route 20), 0 to 135 feet LT (Residential Buildings, PESA Site 2531V-56, 1-309 Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Site 2531V-16 (Walnut Corner Park)

- Station 113+75 to Station 114+30 (CL IL Route 59), 0 to 60 feet RT (Walnut Corner Park, PESA Site 2531V-16, 768 Crab Tree Lane, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Site 2531V-15 (Sutton Lake Dental Care)

- Station 114+00 to Station 114+65 (CL IL Route 59), 0 to 75 feet LT (Sutton Lake Dental Care, PESA Site 2531V-15, 1296 Sutton Road, Streamwood). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Site 2531V-14 (Residential Buildings)

- Station 114+65 to Station 115+20 (CL IL Route 59), 0 to 75 feet LT (Residential Buildings, PESA Site 2531V-14, 1489-1559 Laurel Oaks Drive and 42-50 Southwicke Drive, Streamwood). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 115+20 to Station 117+75 (CL IL Route 59), 0 to 75 feet LT (Residential Buildings, PESA Site 2531V-14, 1489-1559 Laurel Oaks Drive and 42-50 Southwicke Drive, Streamwood). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 117+75 to Station 119+30 (CL IL Route 59), 0 to 75 feet LT (Residential Buildings, PESA Site 2531V-14, 1489-1559 Laurel Oaks Drive

and 42-50 Southwicke Drive, Streamwood). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.

Site 2531V-13 (Residences)

- Station 114+30 to Station 114+70 (CL IL Route 59), 0 to 60 feet RT (Residences, PESA Site 2531V-13, 1188-1194 Bloomfield Drive, 971-972 Highpoint lane, and 756-764 Crabtree Lane, Streamwood and Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.
- Station 115+80 to Station 116+75 (CL IL Route 59), 0 to 60 feet RT (Residences, PESA Site 2531V-13, 1188-1194 Bloomfield Drive, 971-972 Highpoint lane, and 756-764 Crabtree Lane, Streamwood and Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.

Site 2531V-55 (Pond)

- Station 183+00 to Station 186+80 (CL US Route 20), 0 to 80 feet LT (Pond, PESA Site 2531V-55, 300 block of Monarch Drive, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Lead, and Manganese.

Site 2531V-33 (Residences)

- Station 214+10 to Station 217+25 (CL US Route 20), 0 to 105 feet RT (Residences, PESA Site 2531V-33, 700-740 Olive Parkway, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, Dibenzo(a,h)anthracene, and Manganese.
- Station 218+15 to Station 219+35 (CL US Route 20), 0 to 80 feet RT (Residences, PESA Site 2531V-33, 700-740 Olive Parkway, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 219+35 to Station 220+35 (CL US Route 20), 0 to 80 feet RT (Residences, PESA Site 2531V-33, 700-740 Olive Parkway, Bartlett). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Site 2531V-32 (Pond)

- Station 220+35 to Station 222+50 (CL US Route 20), 0 to 80 feet RT (Pond, PESA Site 2531V-32, 700 block of Lake Street, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.

- Station 523+00 to Station 524+55 (CL US Route 20), 0 to 70 feet RT (Pond, PESA Site 2531V-32, 700 block of Lake Street, Bartlett). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 524+55 to Station 528+70 (CL US Route 20), 0 to 70 feet RT (Pond, PESA Site 2531V-32, 700 block of Lake Street, Bartlett). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic, and Manganese.
- Station 528+70 to Station 532+25 (CL US Route 20), 0 to 70 feet RT (Pond, PESA Site 2531V-32, 700 block of Lake Street, Bartlett). This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Dibenzo(a,h)anthracene.

Site 2531V-23 (Residences and Vacant Land)

- Station 222+00 to Station 222+50 (CL US Route 20), 0 to 100 feet LT (Residences and Vacant Land, PESA Site 2531V-23, 600 block of Lake Street and 317, 650, and 29W383 Old Lake Street, Bartlett, Streamwood, and unincorporated Hanover Township). This material meets the criteria of Article 669.09(b)(1) and shall be managed in accordance to Article 669.09.
- Station 523+60 to Station 525+75 (CL US Route 20), 0 to 90 feet LT (Residences and Vacant Land, PESA Site 2531V-23, 600 block of Lake Street and 317, 650, and 29W383 Old Lake Street, Bartlett, Streamwood, and unincorporated Hanover Township). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Arsenic.

Any waste generated as a special waste or a waste not certified as a non-special waste from this project should be manifested off-site using the generator number associated with Cook County. **The generator number for Cook County is 0318995023.**

The pay items in the Special Provision should be included in the contract plans with the following quantities:

Pay Item Number	Pay Item	Quantity
66900200	NON-SPECIAL WASTE DISPOSAL	6,850 cubic yards
66900450	SPECIAL WASTE PLANS AND REPORTS	Lump Sum
66900530	SOIL DISPOSAL ANALYSIS	12 Each

It is the opinion of this office in consultation with Chief Council, that the remedial work be documented for potential illegal trespass action. If you have any questions or comments, please contact Donald Palmer at 847-705-4209.

Memorandum  
August 25, 2017  
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Attachment

IR:dhp

Cc: Huff & Huff, Inc. (w/o attachments)  
Central Land Acquisition (w/o attachments)  
District Land Acquisition (w/o attachments)  
District Utilities Coordinator (w/o attachments)  
District Programming (via email)