

April 30, 2020

Ms. Kathie VanPrice

Wisconsin Department of Transportation
944 Van Der Perren Way
Green Bay, WI 54304

Subject: Phase 4 Documentation Report for Contaminated Soil Managed During Construction
Pennsylvania Avenue Bridge and Approaches, Sheboygan, WI
WisDOT Project ID 4996-25-71, OBG Project No. 72652

Dear Kathie,

O'Brien & Gere Engineers, Inc., part of Ramboll (OBG) has prepared this report to document the management of contaminated soils during construction at the project referenced above. Contaminated materials were managed in accordance with the project's hazmat special provisions. No further environmental work by the Wisconsin Department of Transportation (WisDOT) is recommended.

BACKGROUND AND SCOPE

The WisDOT planned to replace the deck and approaches of the bridge that carries Pennsylvania Avenue over the Sheboygan River in Sheboygan, Sheboygan County, Wisconsin (see Figure 1 for Project Location and Limits and Figure 2 for Project Overview). Planned construction activities included replacement of the bridge deck, roadway pavement, sidewalk, curb and gutter, street lighting and lighting bases, and storm sewer inlets and laterals. OBG completed a Phase 2.5 investigation and documented its findings in a report dated October 9, 2018. The Phase 2.5 investigation identified contaminated soil and delineated potential extents within the construction limits. Following review of the Phase 2.5 investigation report, the Wisconsin Department of Natural Resources (WDNR) would not provide concurrence that soil in areas without analytical data was properly characterized for management as exempt soil. OBG coordinated the advancement of additional borings and collected associated soil samples for laboratory analysis on February 20, 2019. Revised extents of potentially impacted locations are described below and shown on Figure 3.

- Pennsylvania Avenue from Station 101+22 to 103+35, from project limits left to project limits right, from 1' below ground surface (bgs) to maximum depth of excavation. Soil contains petroleum volatile organic compounds (PVOCs) and polycyclic aromatic hydrocarbons (PAHs).
- Pennsylvania Avenue from Station 107+35 to 108+54, from project limits left to project limits right, from 1' below ground surface (bgs) to maximum depth of excavation. Soil contains PVOCs and PAHs.
- Pennsylvania Avenue from Station 103+35 to 103+75, from project limits left to project limits right, from 0' to 2' bgs. Soil contains polychlorinated biphenyls (PCBs).
- Pennsylvania Avenue from Station 107+00 to 107+35, from project limits left to project limits right, from 0' to 2' bgs. Soil contains PCBs.

Summary release information for these areas is included in Attachment 1. The hazmat special provisions for the project, prepared by OBG based on historical information and data from the Phase 2.5 and supplemental investigations, are included in Attachment 2.



OBG attended the project's pre-construction meeting on April 24, 2019 to facilitate discussions with the project team regarding the locations of known contamination, OBG's role (*e.g.*, to be on-site during excavations in these areas), and the WDNR-licensed landfill to be used for bioremediation/disposal of contaminated soil excavated by the project. The prime contractor, Kraemer North America (Kraemer), selected Waste Management's Ridgeview Security Landfill (Ridgeview) in Whitelaw, WI for bioremediation/disposal of the petroleum- and PCB-contaminated soil. OBG prepared the contaminated soil waste profiles and sent the profiles, signed by City of Sheboygan as generator, and applicable soil analytical data, to Ridgeview to gain pre-approval for bioremediation/disposal of the soils. A copy of the waste profile is included in Attachment 3.

To gain pre-approval to discharge groundwater pumped from a sanitary sewer excavation in an area identified in the hazmat special provisions to a sanitary sewer manhole near the project limits, OBG submitted waste characterization soil and groundwater laboratory analytical data to the City of Sheboygan's Department of Public Works on behalf of Kraemer.

CONSTRUCTION MANAGEMENT

Bob Deuth of Kraemer was OBG's primary contact for coordinating field time for this project. OBG made site visits to document the management of soil excavated from the known contaminated areas on May 8, 9, 10, 13, 14, and 15, 2019; June 19, 2019; July 24, 25, 26, and 29, 2019; and September 20, 2019. Contaminated soil encountered during these excavations was either temporarily stockpiled on pavement and covered with plastic sheeting or directly loaded into trucks, covered, and transported to Ridgeview for bioremediation/disposal. A total of 75 truckloads (1,331.97 tons) of petroleum-contaminated soil and 2 truckloads (30.87 tons) of PCB-contaminated soil was excavated and managed by the project (see disposal documentation in Attachment 3). Excavation dewatering discharge from the areas identified in the hazmat special provisions was sent to the City sanitary sewer for treatment as planned.

Photographs for this project are included in Attachment 4.

CONSTRUCTION EMERGENCY RESPONSE

During electric utility installation on October 22, 2019, Kraemer's electrical subcontractor encountered an underground storage tank (UST) at the boundary of the 927 Pennsylvania Avenue property and the Pennsylvania Avenue right-of-way in the approximate location shown on the Sanborn Fire Insurance (Sanborn) Maps included in the Phase 1 Hazardous Materials Assessment (HMA) prepared for the project by Kapur & Associates, Inc. (Kapur). Relevant Sanborn Maps and a figure showing the approximate UST location is included in Attachment 5. The UST was not previously registered with the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP).

When encountered, the UST was partially full of liquid believed to be a mixture of petroleum product and water. Kraemer coordinated with Clean Harbors Environmental Services, Inc. (Clean Harbors) to have the liquid pumped from the tanks and properly disposed. OBG also mobilized to the site on October 22, 2019 to assess the situation and gather additional information. After arriving on site, OBG confirmed that Kraemer had arranged for Clean Harbors to perform UST removal, UST cleaning, disposal of the cleaned tank, Tank System Site Assessment (TSSA), and possible disposal of impacted soil adjacent to the UST, if applicable. UST removal activities are documented in a separate report, prepared by Clean Harbors. Since the UST was removed, an assessment was performed, the 927 Pennsylvania Avenue property is privately owned, and the adjacent right-of-way is owned by the City of Sheboygan, no further environmental work by the WisDOT is recommended.

FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

Contaminated soil excavated and groundwater pumped for the Pennsylvania Avenue Bridge construction project was managed in accordance with the project's hazmat special provisions/excavation management plan. Contaminated groundwater was discharged by the WisDOT project to the sanitary sewer for treatment by the City. A total of 77 truckloads (1,362.84 tons) of contaminated soil were excavated and transported to Ridgeview for bioremediation/disposal by the WisDOT project. A UST encountered during electric utility installation for the WisDOT project, on property owned by others, was removed by Clean Harbors, as documented in a separate report. No additional investigation or remediation by the WisDOT is recommended.

OBG appreciates the opportunity to be of service to the WisDOT on this project. If you have any questions regarding this project or report, please contact Mark Walter at 414-837-3563.

Sincerely,
O'BRIEN & GERE ENGINEERS, INC.



Mark D. Walter, PE
Project Manager



Eric Plante
Geologist

Attachments:

- Figure 1 Pennsylvania Ave Bridge Project Location and Limits
- Figure 2 Pennsylvania Ave Bridge Project Overview
- Figure 3 Pennsylvania Ave Bridge Contaminated Soil Management Areas
- Attachment 1 Phase 2.5 Summary and Historical Release Information
- Attachment 2 Hazardous Materials Special Provisions
- Attachment 3 Contaminated Soil Waste Profiles and Disposal Documentation
- Attachment 4 Photographs
- Attachment 5 Relevant Sanborn Maps and Approximate UST Location Figure

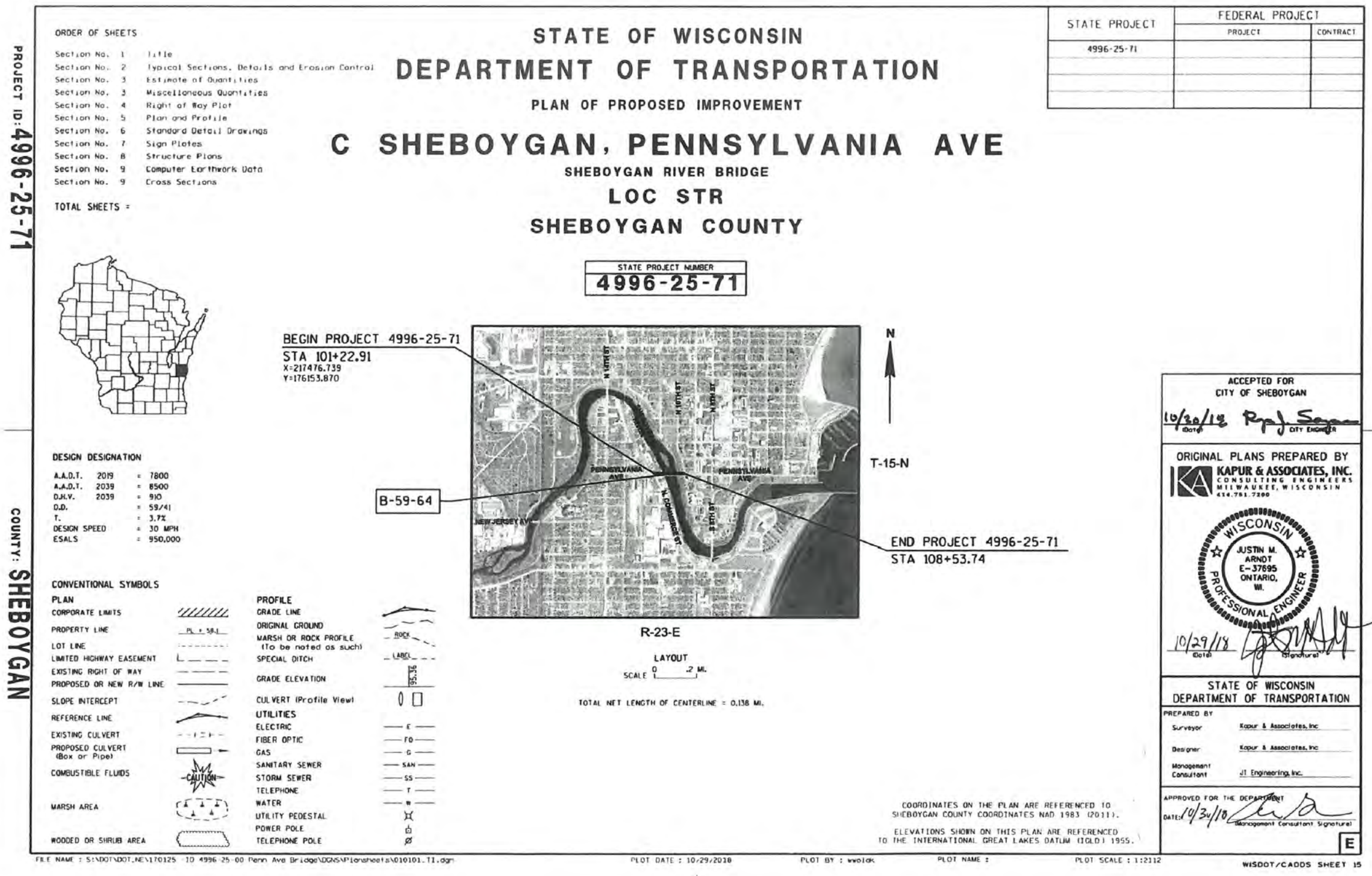
cc: Andrew James – WDNR (hard copy and electronic copy)
Shar TeBeest – WisDOT (electronic copy)



Figures

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PHASE 4 DOCUMENTATION REPORT FOR CONTAMINATED SOIL
 MANAGED DURING CONSTRUCTION
 PENNSYLVANIA AVE BRIDGE AND APPROACHES
 SHEBOYGAN, SHEBOYGAN COUNTY, WISCONSIN
 WISDOT PROJECT ID 4996-25-71

PROJECT LOCATION AND LIMITS

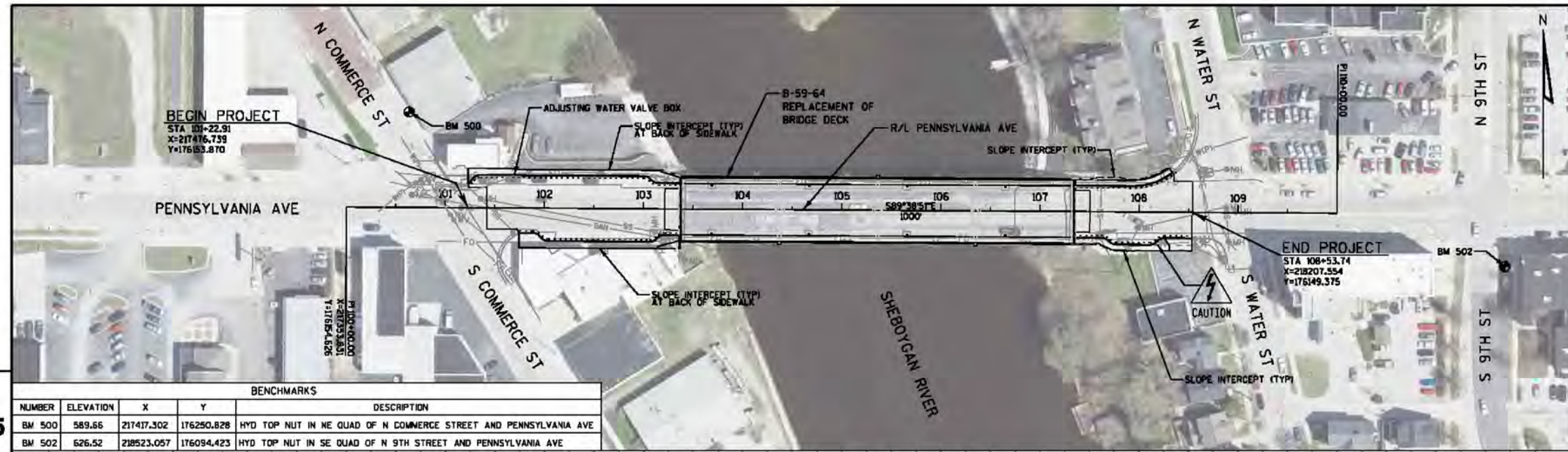


O'BRIEN & GERE ENGINEERS, INC.

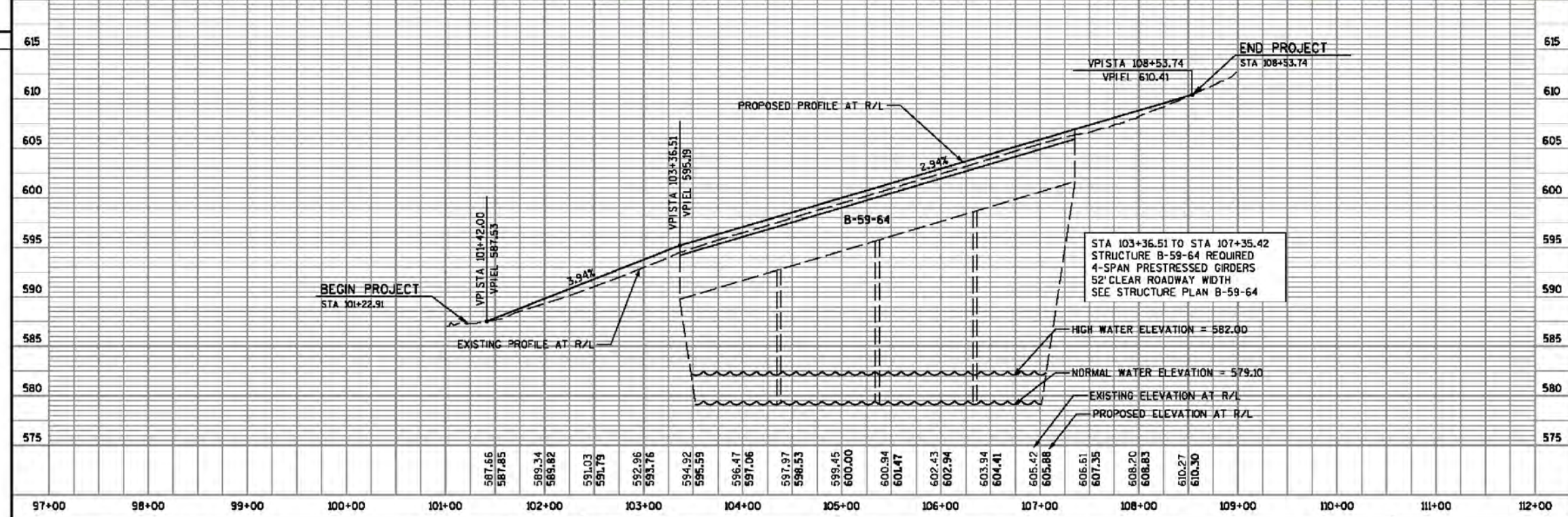
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BENCHMARKS				
NUMBER	ELEVATION	X	Y	DESCRIPTION
BM 500	589.66	217417.302	176250.828	HYD TOP NUT IN NE QUAD OF N COMMERCE STREET AND PENNSYLVANIA AVE
BM 502	626.52	218523.057	176094.423	HYD TOP NUT IN SE QUAD OF N 9TH STREET AND PENNSYLVANIA AVE



PROJECT NO: 4996-25-71 HWY: PENNSYLVANIA AVENUE COUNTY: SHEBOYGAN PLAN & PROFILE: PENNSYLVANIA AVENUE SHEET 41 E

FILE NAME : S:\DOT\DOT_NE\170125 -ID 4996-25-00 Penn Ave Bridge\GNS\Plan\phase_4\050101_PP.dgn PLOT DATE : 10/31/2018 PLOT BY : wwoLok PLOT NAME : PLOT SCALE : 1:100 WISDOT/CADD5 SHEET 45

PHASE 4 DOCUMENTATION REPORT FOR CONTAMINATED SOIL
 MANAGED DURING CONSTRUCTION
 PENNSYLVANIA AVE BRIDGE AND APPROACHES
 SHEBOYGAN, SHEBOYGAN COUNTY, WISCONSIN
 WISDOT PROJECT ID 4996-25-71



PROJECT OVERVIEW

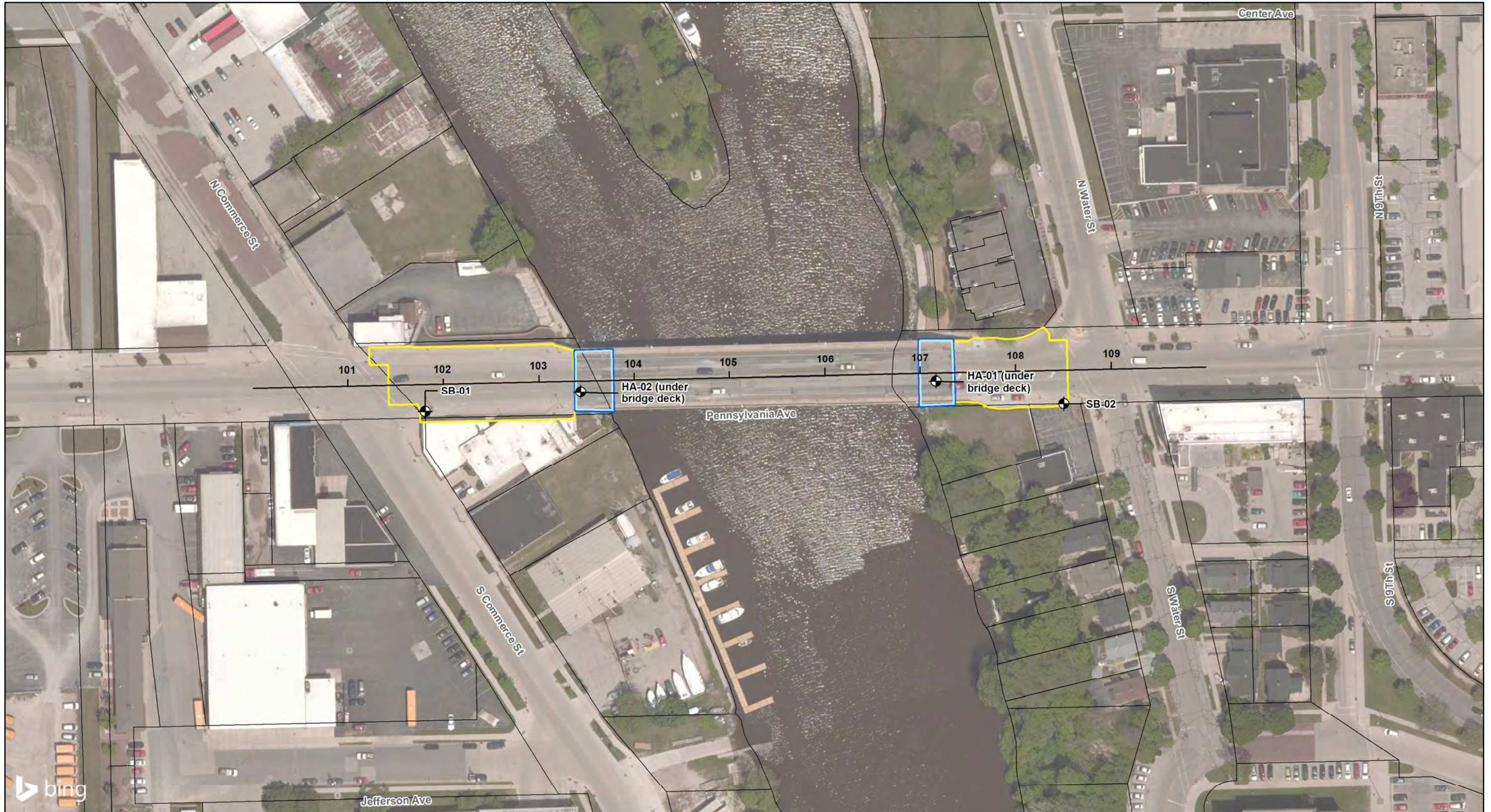


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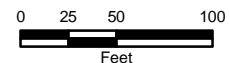
Y:\Mapping\Projects\669862\MXD\Phase_4\Figure 3_Contaminated Soil Management Areas.mxd



LEGEND

- MAY AND JULY 2018 PH 2.5 SOIL BORING LOCATION
- SLOPE INTERCEPT/PETROLEUM-CONTAMINATED SOIL IN WISDOT PROJECT LIMITS (ALL DEPTHS)
- PCB-CONTAMINATED SOIL (0' TO AT LEAST 2' BGS) IN WISDOT PROJECT LIMITS
- PARCEL BOUNDARY

PHASE 4 DOCUMENTATION REPORT FOR CONTAMINATED SOIL
 MANAGED DURING CONSTRUCTION
 PENNSYLVANIA AVE BRIDGE AND APPROACHES
 SHEBOYGAN, SHEBOYGAN COUNTY, WISCONSIN
 WISDOT PROJECT ID 4996-25-71




CONTAMINATED SOIL MANAGEMENT AREAS

FILE_NO. 69862
 DATE 8/22/2019



O'BRIEN & GERE ENGINEERS, INC.



**Attachment 1 – Phase 2.5
Summary and Historical
Release Information**

Table 1. Phase 2.5 Soil Sampling Results Summary

Pennsylvania Ave.- Phase 2.5 Investigation
 Sheboygan, WI
 WisDOT Project ID: 4996-25-00
 May 14 and July 19, 2018; and February 20, 2019

			Summary of Detected Analytes																																
Sample Location	Sample ID	Sample Date	PCBs (µg/kg)	Polycyclic Aromatic Hydrocarbons (PAHs) (µg/kg)																Volatile Organic Compounds (VOCs) (µg/kg)					Metals (mg/kg)										
				Polychlorinated biphenyls (PCBs), Total	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene*	Benzo(a)pyrene*	Benzo(b)fluoranthene*	Benzo(g,h,i)perylene	Benzo(k)fluoranthene*	Chrysene*	Dibenz(a,h)anthracene*	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene*	Naphthalene	Phenanthrene	Pyrene	Hexane	Toluene ²	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trimethylbenzenes, Total ³	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
<i>Groundwater Pathways RCL¹:</i>			<i>9.4</i>	<i>NS</i>	<i>NS</i>	<i>NS</i>	<i>NS</i>	<i>197,727</i>	<i>NS</i>	<i>470</i>	<i>479</i>	<i>NS</i>	<i>NS</i>	<i>145</i>	<i>NS</i>	<i>88,878</i>	<i>14,803</i>	<i>NS</i>	<i>658</i>	<i>NS</i>	<i>54,132</i>	<i>8,465.8</i>	<i>1,107.2</i>	<i>NS</i>	<i>NS</i>	<i>1,378.7</i>	<i>0.584</i>	<i>164.8</i>	<i>0.752</i>	<i>360,000</i>	<i>27</i>	<i>0.208</i>	<i>0.52</i>	<i>0.85</i>	
Non-Industrial Direct Contact RCL:			234	17,600	239,000	3,590,000	NS	17,200,000	1,140	115	1,150	NS	11,500	115,000	115	2,390,000	2,390,000	1,150	5,520	NS	1,790,000	141,000	818,000	89,800	182,000	NS	2.39	100,000	799	100,000	800	3.13	5,110	5,110	
Industrial Direct Contact RCL:			967	72,700	3,010,000	45,200,000	NS	100,000,000	20,800	2,110	21,100	NS	211,000	2,110,000	2,110	30,100,000	30,100,000	21,100	24,100	NS	22,600,000	141,000	818,000	219,000	182,000	NS	0.613	15,300	70	NS	400	3.13	391	391	
<u>Background Threshold Values:</u>			<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	<u>8.3</u>	<u>364</u>	<u>1</u>	<u>44</u>	<u>52</u>	<u>NS</u>	<u>NS</u>	<u>NS</u>	
HA-01 (0'-2')	051418001	5/14/2018	38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-01 (2'-4')	071918001	7/19/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-01 (4'-6')	071918002	7/19/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-01 (8'-10')	071918003	7/19/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-02 (2'-4')	071918004	7/19/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-02 (6'-8')	071918005	7/19/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-02 (10'-12')	071918006	7/19/2018	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HA-02 (0'-2')	071918007	7/19/2018	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-03 (2'-5')	SB-03 (2'-5')	2/20/2019	ND	60 J	41 J	280	12 J	510	900	<u>840</u>	1,000	320	410	850	110	1,500	220	330	38	1,300	1,400	53 J	17	<21	<22	<43	<u>0.80 J</u>	28	0.097 J	7.8	31	0.12	<u>0.72 J B</u>	1.2	
SB-04 (2'-5')	SB-04 (2'-5')	2/20/2019	ND	9.1 J	9.8 J	12 J	<4.8	34 J	150	<u>180[†]</u>	230	77	89	160	23 J	300	10 J	74	48 J	140	240	<31	17	<23	<24	<47	1.9	42	0.22	6.9	38	0.081	<u>0.77 J B</u>	1.2	

Notes

Italicized results exceed the NR 720 Groundwater Pathways RCL

Shaded results exceed the NR 720 Non-Industrial Direct Contact RCL. Concentrations for individual compounds within the group of 7 carcinogenic PAHs that attain or exceed a Non-Industrial Direct Contact RCL, but with a cumulative 7 cPAH Cancer Risk of less than 5.0E-6 are noted with a "+". These concentrations are not considered true Non-Industrial Direct Contact RCL exceedances.

Underlined results exceed statewide Background Threshold Values

< = Concentration is less than the Method Detection Limit

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an estimated value

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

ND = Not Detected

NS = No Standard

[†]: Compound included in group of 7 carcinogenic PAHs.

RCL = NR720 Soil Residual Contaminant Level (WDNR) (June 2016)

1. Groundwater Pathways RCL used a dilution attenuation factor of 2

2. Toluene detected in trip blank associated with 2/20/19 samples. Detections in 2/20/19 samples are not considered true detections.

3. Total Trimethylbenzenes calculated by NRT from the sum of the detected 1,2,4-TMB and 1,3,5-TMB results reported by the laboratory as follows:

- a. Where no detections were observed, the sum of the reporting limits is presented as a non-detect.
- b. Where detections were observed, the detected results were added together for the total summation.

Table 2. Waste Characterization Soil Sampling Results Summary

Pennsylvania Ave.- Phase 2.5 Investigation
 Sheboygan, WI
 WisDOT Project ID: 4996-25-00
 May 14 and July 19, 2018

Sample Location	Sample ID	Sample Date	Petroleum Hydrocarbons (mg/kg)		Total PCBs (mg/kg)
			Diesel Range Organics	Gasoline Range Organics	Polychlorinated Biphenyls (PCBs), Total
Typical Landfill Acceptance Criteria:			NS	NS	50
HA-01 (0'-2')	051418001	5/14/2018	--	--	0.038
HA-02 (0'-2')	071918007	7/19/2018	--	--	0.035
Composite 1 (SB-01, 0'-12')	071918008	7/19/2018	2.2 J	<0.830	--
Composite 2 (SB-02, 0'-12')	071918009	7/19/2018	3.0 J	<0.930	--

Notes

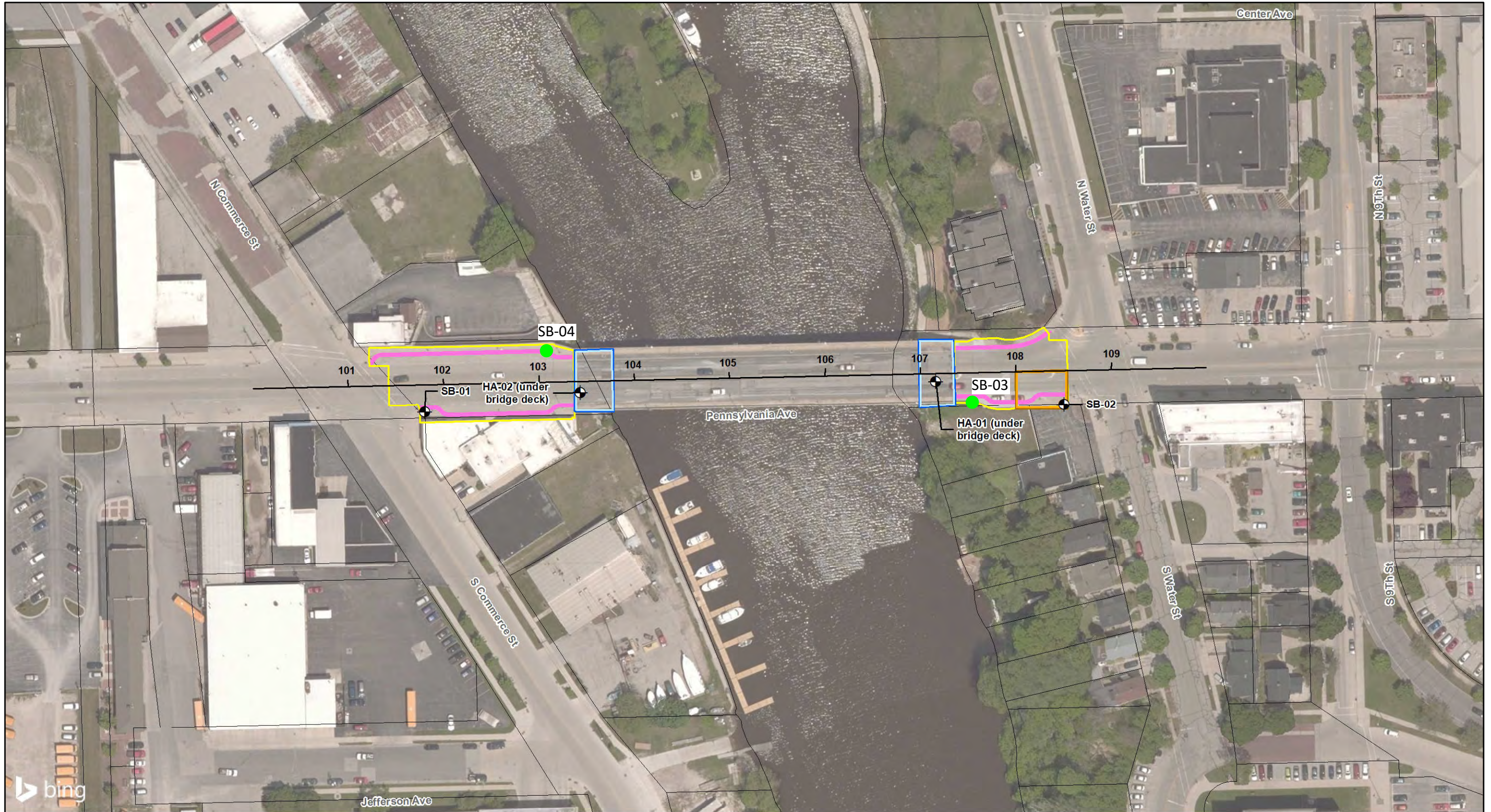
-- = sample was not analyzed for constituent

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an estimated value.

NS = No Standard








Typical Landfill Acceptance Criteria based on Emerald Park Landfill acceptance limits in Muskego, WI.

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LEGEND

-  MAY AND JULY 2018 PH 2.5 SOIL BORING LOCATION
-  Supplemental Boring Location
-  NEW ROAD CURB
-  SLOPE INTERCEPT
-  PCB-CONTAMINATED SOIL (0' TO AT LEAST 2' BGS) IN WISDOT PROJECT LIMITS
-  PETROLEUM-CONTAMINATED SOIL (4' TO 10' BGS) IN WISDOT PROJECT LIMITS
-  PARCEL BOUNDARY

WISDOT
PENNSYLVANIA AVENUE
SHEBOYGAN, WISCONSIN



BORING LOCATION FIGURE



O'BRIEN & GERE ENGINEERS, INC.

FILE NO. 69862
DATE 8/10/2018

WisDOT Phase 1 Hazardous Materials Assessment Site Summary

WisDOT Project ID: 4996-25-00
Highway/Street: Pennsylvania Avenue Bridge
Termini/Limits: Commerce Street and Water Street
County: Sheboygan County

Property Information:

Site Name(s): Sheboygan Harbor and River
 DOT parcel number (if known):
 Property Address: NA
 Owner's Name: NA
 Owner's Address: NA
 Owner's Phone:
 Current Land Use: River
 Past Land Use: River

Real Estate Requirements: Not Finalized

- None Total take Strip acquisition of _____ feet
- Temporary Limited Easement (TLE)
- Permanent Limited Easement (PLE)
- Other (describe)

Construction Requirements: Not Finalized

- None Excavation within current right of way to _____ feet
- Excavation within proposed right of way to _____ feet
- Excavation within easement to _____ feet
- Public or private utility or sanitary or storm sewer installation or excavation to _____ feet
- Other (describe) slope paving on east bank under bridge with excavation to 2' _____ feet

Information from database searches and interviews:

Department of Agriculture, Trade, and Consumer Protection (DATCP)

- site has registered tanks ASTs USTs
- tanks are currently in use
- tanks are abandoned date:

Tank contents:

- Leaded gasoline Unleaded gasoline Fuel Oil Diesel
- Kerosene Unknown Other (describe)

Department of Safety and Professional Services (DSPS)

Note: As of July 2, 2013, all DSPS LUST activities were transferred to the WDNR for oversight.

- site is a DSPS administered LUST site; DSPS ID number:
- site is a closed DSPS LUST site; closure date:

Department of Natural Resources (DNR)

- site is a DNR administered LUST site; BRRTS number:
- site is a DNR administered ERP site; BRRTS number:
- site is a closed LUST ERP site; closure date:
- site is a landfill
- site is an abandoned waste disposal site
- site is a hazardous waste generator
- Other (please describe) ECHO, FINDS, ICIS, NPL, PRP, ROD, SEMS, US ENG CONTROLS, and US INST CONTROL

Sanborn Maps: site is a _____ on map dated _____. Comments:
WisDOT historic plan sets: site is a _____ on project _____ dated _____. Comments:
Business directories: site is a _____ on project _____ dated _____. Comments:

Aerial photos: site is a _____ on photo dated _____. Comments:
 Contamination discovered at _____ feet during utility or other excavation in the area. Indicate location on site map.

Interview Information or other comments: The Sheboygan River and Harbor is listed on ECHO, FINDS, ICIS, NPL (Superfund), PRP, ROD, and SEMS for Polychlorinated Biphenyls (PCBs) contamination. The Pennsylvania Bridge over the Sheboygan River is the dividing line between the Lower River and the Inner Harbor sections of the Superfund site.

Kapur contacted Mr. Thomas Wentland, WDNR project manager for the Sheboygan Harbor and River Site. Mr. Wentland recommended sampling of the area on the east bank for PCBs prior to excavation for slope paving. The recommendation was made based upon the fact that historic flooding may have overtopped the existing retaining wall and PCBs may be located within the area of excavation.

Visual Evidence of Potential Contamination: (include additional information in space provided)

- No evidence of tanks
 USTs ASTs Location, number and condition of tanks, contents, comments:
Location in relationship to current right of way: map attached
Location in relationship to proposed right of way: map attached
 Drums Stained soils Odor Sheen on surface water Areas of excavation
 Areas of fill Stressed vegetation Pond(s) Basins/sumps Monitoring wells
 Soil borings
Comments:

Potential for Contaminant Migration: (attach supporting documentation such as plume maps, summaries of site investigation or closure reports).

- Property is a potential source of contamination
 Adjacent property is a potential source of contamination. Include site name or BRRTS number if known, describe location, include contaminant type and any additional information.
 Contaminated soil known to be within proposed right of way from _____ feet to _____ feet below ground surface
 Contaminated groundwater known to be within proposed right of way at _____ feet below ground surface.
 Contaminated soil or groundwater within existing right of way. Attach copy of most recent investigation and plume maps.

Attachments – required

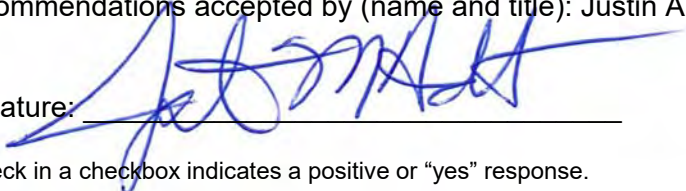
- Site photographs and a site map showing areas of concern
 Plat map showing parcel and any proposed areas of acquisition or easement
 Historic aerial photos of site - clearly outline site
 Historic WisDOT or other as-builts and plat maps - clearly outline site
 Plume maps for known contamination. Indicate existing or proposed right of way where applicable.

Recommendations

- No additional hazardous materials investigation is required.
- If construction or real estate requirements change, evaluation of need for further investigation will be necessary.
- Information is sufficient to use Standard Special Provisions. Copy of completed Standard Special Provision is attached.
- Conduct additional investigation
 - Phase 2 (determine if contamination is present)
 - Phase 2.5 (determine extent of contamination within existing R/W only)
 - Phase 3 (determine full extent of contamination prior to acquisition)
 - Phase 4 (remediate site)
 - Other (describe)

Prepared by: Patricia Hermann on 02/26/2018

Recommendations accepted by (name and title): Justin Arndt, P.E. on 02/26/2018.

Signature:  _____

A check in a checkbox indicates a positive or "yes" response.

Site Number: 1
Site Address: SHEBOYGAN HARBOR AND RIVER

Real Estate Requirements: NONE

Construction Requirements: Replacement of Bridge Deck, Slope Paving on East Bank to 2', No Work in River

This site appears in the ECHO, FINDS, ICIS, NPL, PRP, ROD, SEMS, US ENG CONTROLS, and US INST CONTROL databases.

This site is part of the Sheboygan River.

The Sheboygan River and Harbor is listed on ECHO, FINDS, ICIS, NPL (Superfund), PRP, ROD, and SEMS for Polychlorinated Biphenyls (PCBs) contamination. The Pennsylvania Bridge over the Sheboygan River is the dividing line between the Lower River and the Inner Harbor sections of the Superfund site.

The following is an EPA summary of the site and actions that have taken place.

"The Sheboygan River and Harbor Site is located on the western shore of Lake Michigan approximately 55 miles north of Milwaukee, Wisconsin, in Sheboygan County. The Sheboygan River and Harbor site includes the lower 14 miles of the river from the Sheboygan Falls Dam downstream to, and including, the Inner Harbor. This segment of the river flows through Sheboygan Falls, Kohler, and Sheboygan before entering Lake Michigan. The Sheboygan River runs from west to east through east central Wisconsin, emptying into Lake Michigan. U.S. EPA divided the river into three sections, during the remedial investigations (RI), based on physical characteristics such as average depth, width, and level of polychlorinated biphenyl (PCB) sediment contamination. The Upper River extends from the Sheboygan Falls Dam downstream 4 miles to the Waelderhaus Dam in Kohler. The Middle River extends 7 miles from the Waelderhaus Dam to the former Chicago & Northwestern (C&NW) railroad bridge. The Lower River extends 3 miles from the C&NW railroad bridge to the Pennsylvania Avenue bridge in downtown Sheboygan. The Inner Harbor includes the Sheboygan River from the Pennsylvania Avenue Bridge to the river's outlet to the Outer Harbor. The Outer Harbor is defined as the area formed by the two breakwalls.

In addition to PCB-contaminated sediment in the river and harbor, some floodplain soils are contaminated with PCBs. Lastly, there remain questions concerning possible ground-water contamination and additional PCB sources associated with the Tecumseh Products Company (Tecumseh) Plant, one of the three identified potentially responsible parties (PRPs) for this site. Kohler Company and Thomas Industries are the other two PRPs for the site. Tecumseh Products Company performed the early removal actions and the remedial investigation / feasibility study (RI/FS). U.S. EPA anticipates that one or more of the PRPs will implement the remedy. In addition to polychlorinated biphenyl (PCB)-contaminated sediment in the river and harbor, some floodplain soils are contaminated with PCBs, and groundwater and additional PCB sources

associated with the former Tecumseh Products Company (Tecumseh) Plant are also part of the Site.

Site risks include risks to humans and ecological receptors via consumption of PCB-contaminated fish, and fish and waterfowl consumption advisories have been in effect since 1987. Land use along the Upper River is industrial, residential and recreational in Sheboygan Falls. The Kohler Company owns land adjacent to the Middle River in the Village of Kohler. Land use in the Middle River consists of a horse farm, tree nursery, the company's historic River Bend property and the Black Wolf Run golf course. The 800- acre, Kohler Company-owned River Wildlife Area is on the south side of the river adjacent to the Upper and Middle River. The wildlife area is used as a private hunting and fishing club. Land use adjacent to the Lower River and Inner Harbor is recreational, commercial and industrial with some residential areas. The City of Sheboygan's central business district is on the north bank of the river in the harbor area. The City has revitalized the harbor area. Offices, restaurants, marinas, parks and a boardwalk are located within this area. There are no public beaches along the river or harbor. The Lower River and Harbor are navigable, but the Upper and Middle River traffic is typically restricted to smaller craft (such as canoes and kayaks) which can be portaged around the dams in the Village of Kohler and Sheboygan Falls, as well as shallow areas. Public and recreational boat access is available at a number of locations within the city of Sheboygan in the Lower River and Harbor. There is considerable seasonal fishing in the Middle River, Lower River and Inner Harbor. Fishing is more limited in the Upper River. According to Wisconsin Department of Natural Resources (WDNR) surveys, most fishing occurs during spring and fall salmon and trout runs. Fish consumption advisory is in effect for Sheboygan River and Lake Michigan fish. The Sheboygan River is not used as a public water supply, but it drains into Lake Michigan which is used as a drinking water source by Sheboygan, Sheboygan Falls, and Kohler. The three cities regularly test the public water and it is safe to drink. Contaminated groundwater near the Tecumseh Sheboygan Falls Plant is not used as a drinking water source.

The Sheboygan Harbor was constructed at the mouth of the Sheboygan River in the early 1920s. In 1954, the lower Sheboygan River, namely the channel upstream of the Eighth Street Bridge, was added as a portion of the Sheboygan Harbor for U.S. Army Corps of Engineers (USACE) maintenance dredging. Between 1956 and 1969, a total of 404,000 cubic yards of sediment were dredged downstream of the Eighth Street Bridge. The channel above Eighth Street has not been dredged since it was first dredged in 1956. Prior to 1969, the USACE disposed of the dredged material from the harbor in an authorized deep water disposal area in Lake Michigan. However, there has been no dredging within the Sheboygan Harbor since EPA and WDNR determined that the sediment was unsuitable for open-water disposal. Sediment sampling done by the USACE in 1979 indicated moderate to high levels of lead, zinc, PCBs, and chromium and moderate levels of arsenic present in sediment at all locations sampled. The USACE routinely removed lake sand from a sandbar that forms at the outer entrance of the harbor. The USACE last dredged the harbor mouth in the fall of 1991. In June 1979, the USACE collected 11 sediment cores from the harbor area ranging in depth from 1.5 to 9 feet. The USACE analyzed samples for lead, zinc, copper, chromium, and PCBs. The study revealed greater PCB and metal levels in the sediment of the Inner Harbor than in sediment from the Outer Harbor. In October 1979, the USACE collected a

second round of samples consisting of 21 sediment cores. The USACE's analysis of these cores generally indicated an increase in PCB concentrations with the distance upstream from the harbor and with the depth of the sediment. The Sheboygan River and Harbor are both located within the Sheboygan River Area of Concern, so designated by the International Joint Commission on the Great Lakes due to impairment of the beneficial uses of the waterway. Examination of 98 sediment profile samples collected by the USACE from the Sheboygan Harbor in December 1982 indicated the presence of PCBs in the surface sediment of the harbor.

Tecumseh, a manufacturer of refrigeration and air conditioning compressors and gasoline engines, was located adjacent to the Sheboygan River in Sheboygan Falls. PCBs were found in sewer lines that lead to the river from the former Tecumseh facility and in hydraulic fluids used in Tecumseh's Die Cast Division manufacturing processes. The contamination level was high in the sediments immediately surrounding the former Tecumseh Plant, but decreased in concentration downstream. Tecumseh, prior to the issuance of regulations governing PCBs, used PCB-contaminated soils to construct a dike located along the river downstream of the Sheboygan Falls Dam. Tecumseh voluntarily excavated and replaced the dike following EPA's issuance of regulations governing PCBs in the late 1970s. Tecumseh undertook cleanup actions, but not before PCBs were released into the Sheboygan River.

In 1978, WDNR conducted a survey that found numerous industries that discharge contaminants to the Sheboygan River. A handful had some level of PCB discharge to the river. A number of industries had heavy metals in their discharge. While heavy metals were an environmental concern, PCBs were a more significant problem and any PCB driven cleanup would likely also address the heavy metals in the river.

PCB-Contaminated Sediment Upper River *PCB sampling results from the Upper River in 1989 and 1990 showed concentrations ranging from 1.4 to 4,500 parts per million (ppm). Tecumseh removed PCB-contaminated sediment near its facility in 1990 and 1991. PCB sampling conducted in December 1997 from the same soft sediment areas sampled in 1989 and 1990 showed concentrations ranging from nondetect to 170 ppm. Soft sediment sampling in 1999 near Tecumseh's Sheboygan Falls Plant revealed PCB concentrations as high as 840 ppm. River bank sampling in 1999 near Tecumseh's Sheboygan Falls Plant revealed PCB concentrations as high as 1,100 ppm. PCB-contaminated sediment in this segment of the river migrates downstream due to the dynamic nature of this river reach.*

Middle River *Information obtained from the Middle River during the Remedial Investigation (RI) showed PCB concentrations ranging from non-detect to 8.8 ppm. WDNR sediment trap data showed PCB concentrations ranging from 1.4 to 3.0 ppm. WDNR obtained sediment trap data between 1990 and 1996. Samples obtained in 1997 by WDNR show PCB concentrations ranging from 0.6 ppm to 37 ppm. Like the Upper River, sediment in the Middle River is likely to be disturbed due to the dynamic nature of this river reach.*

Lower River *During the original site investigations, sampling in the Lower River showed PCB concentrations as high as 67 ppm in the Camp Marina area just a couple of feet below the sediment*

surface. Contaminated sediments within the top two feet may be disturbed by high flow events and/or boating. WDNR sediment trap data collected from 1994 to 1996 showed PCB concentrations ranging from 1.9 to 4.2 ppm in the Lower River.

Inner Harbor RI sampling detected PCB concentrations as high as 220 ppm in the Inner Harbor, however these levels were detected in 1979 and remain many feet below the surface. PCB surface sampling results (from the top 6 inches of sediment) in 1987 ranged from 0.17 to 5.8 ppm. PCB surface sampling results in 1999 ranged from 0.38 to 5.3 ppm.

Soil Tecumseh collected soil samples from within the 10-year floodplain of the Sheboygan River during the investigation phase of the project. Floodplain samples collected in 1990 showed PCB concentrations ranging from non-detect to 71 ppm. In 1990 and 1992, Tecumseh took additional rounds of samples as part of the Alternative Specific Remedial Investigation (ASRI). PCB concentrations exceeded 50 ppm in two samples and 10 ppm in six samples.

Sampling in Floodplain Area 11 showed a concentration of 220 ppm. Floodplain Area 11 was re-sampled in 1992 and showed PCB concentrations of 330 and 320 ppm. Due to disturbances of the floodplain caused by golf course construction by the land owner, PCB concentrations have decreased in Floodplain Area 11 since the ASRI sampling.

Surface Water PCBs were detected in surface water prior to, during, and after implementation of the PCB removal action in 1989 and 1990.

Groundwater PCB contamination was also present in groundwater at the former Tecumseh plant. Groundwater sampling conducted in September 1992 and May 1993 by Tecumseh indicated that PCBs were locally present in the groundwater at Tecumseh's former Sheboygan Falls Plant in concentrations that ranged from 0.10 micrograms per liter (ug/L) to 7.4 ug/L in unfiltered samples, and from below the detection limit (0.05 ug/L) to 0.98 ug/L in filtered samples. These concentrations are above the 0.03 ug/L WDNR enforcement standard (ES) for groundwater.

EPA issued a Record of Decision for the Site on May 12, 2000. The remedy outlined specific actions to address PCB-contaminated sediment, PCB-contaminated floodplain soil, and groundwater contamination. The Upper River portion of the remedy, as well as the mitigation of potential groundwater contamination and source control at the former Tecumseh Plant in Sheboygan Falls, was completed under a 2004 consent decree with Pollution Risk Services. The work was implemented in two phases from September 2004 to October 2007. The final site inspection of the Upper River Phase II remedial action was conducted on November 7, 2007. The floodplain soil removal work which also was required under the Upper River consent decree is not yet completed; EPA is in the process of negotiating with the adjacent property owner for access to the floodplains for remediation. An Explanation of Significant Differences addressing the Operable Unit 01 sediments at the Sheboygan Harbor and River site was completed in December 2010.”

The Sheboygan River and harbor is listed in the US ENG CONTROL database for Non-fundamental change (ESD) for sediment, hydraulic control for groundwater, natural attenuation for groundwater, disposal of sediment, excavation of sediment, disposal of soil, and excavation of soil.

The Sheboygan River and Harbor is listed in the US INST CONTROL database for administrative controls.

Kapur contacted Mr. Thomas Wentland, WDNR project manager for the Sheboygan Harbor and River Site. Mr. Wentland recommended sampling of the area on the east bank for PCBs prior to excavation for slope paving. The recommendation was made based upon the fact that historic flooding may have overtopped the existing retaining wall and PCBs may be located within the area of excavation.

Based on conversations with Mr. Wentland, WDNR, and the slope paving construction requirement on the east bank, a Phase 2.5 Subsurface Investigation is recommended. Mr. Wentland should be contacted prior to any subsurface sampling.

WisDOT Phase 1 Hazardous Materials Assessment Site Summary

WisDOT Project ID: 4996-25-00
Highway/Street: Pennsylvania Avenue Bridge
Termini/Limits: Commerce Street and Water Street
County: Sheboygan County

Property Information:

Site Name(s): 505 South Commerce Street
 DOT parcel number (if known):
 Property Address: 505 South Commerce Street, Sheboygan, WI 53081
 Owner's Name: Prigge's Chartered Buses, Inc.
 Owner's Address: 1045 Pennsylvania Avenue, Sheboygan, WI 53081
 Owner's Phone:
 Current Land Use: Commercial – Travel Leaders (Travel Agency)
 Past Land Use: Filling Station, Auto Repair, Painting, wood yard/office, tannery

Real Estate Requirements: Not Finalized

- None Total take Strip acquisition of _____ feet
 Temporary Limited Easement (TLE)
 Permanent Limited Easement (PLE)
 Other (describe)

Construction Requirements: Not Finalized

- None Excavation within current right of way to 2 feet
 Excavation within proposed right of way to _____ feet
 Excavation within easement to _____ feet
 Public or private utility or sanitary or storm sewer installation or excavation to 7-10 feet

Information from database searches and interviews:

Department of Agriculture, Trade, and Consumer Protection (DATCP)

- site has registered tanks ASTs USTs
 tanks are currently in use
 tanks are abandoned date:

Tank contents:

- Leaded gasoline Unleaded gasoline Fuel Oil Diesel
 Kerosene Unknown Other (describe)

Department of Safety and Professional Services (DSPS)

Note: As of July 2, 2013, all DSPS LUST activities were transferred to the WDNR for oversight.

- site is a DSPS administered LUST site; DSPS ID number:
 site is a closed DSPS LUST site; closure date:

Department of Natural Resources (DNR)

- site is a DNR administered LUST site; BRRTS number:
 site is a DNR administered ERP site; BRRTS number:
 site is a closed LUST ERP site; closure date:
 site is a landfill
 site is an abandoned waste disposal site
 site is a hazardous waste generator
 Other (please describe) NPDES, RGA LUST

Sanborn Maps: site is a Tannery on map dated 1884-1891, Wood Yard 1903, Auto Repair and Filling Station 1949-1967 Comments: Two (2) gasoline tanks shown (1949, 1955, & 1967 maps) to the northwest of the onsite automobile repair building and underneath the current onsite building. Gasoline HO on 1903 map near bridge.

WisDOT historic plan sets: site is a _____ on project _____ dated _____. Comments:

Business directories: site is a _____ on project _____ dated _____. Comments:

Aerial photos: site is a _____ on photo dated _____. Comments:

Contamination discovered at _____ feet during utility or other excavation in the area. Indicate location on site map.

Interview Information or other comments: A database search of this site revealed no known LUST at this location. There is a Priggis Bus Service LUST at 520 S Commerce Street.

Visual Evidence of Potential Contamination: (include additional information in space provided)

No evidence of tanks

USTs ASTs Location, number and condition of tanks, contents, comments:

Location in relationship to current right of way: map attached

Location in relationship to proposed right of way: map attached

Drums Stained soils Odor Sheen on surface water Areas of excavation

Areas of fill Stressed vegetation Pond(s) Basins/sumps Monitoring wells

Soil borings

Comments:

Potential for Contaminant Migration: (attach supporting documentation such as plume maps, summaries of site investigation or closure reports).

Property is a potential source of contamination

Adjacent property is a potential source of contamination. Include site name or BRRTS number if known, describe location, include contaminant type and any additional information.

Contaminated soil known to be within proposed right of way from _____ feet to _____ feet below ground surface

Contaminated groundwater known to be within proposed right of way at _____ feet below ground surface.

Contaminated soil or groundwater within existing right of way. Attach copy of most recent investigation and plume maps.

Attachments – required

Site photographs and a site map showing areas of concern

Plat map showing parcel and any proposed areas of acquisition or easement

Historic aerial photos of site - clearly outline site

Historic WisDOT or other as-builts and plat maps - clearly outline site

Plume maps for known contamination. Indicate existing or proposed right of way where applicable.

Recommendations

No additional hazardous materials investigation is required.

If construction or real estate requirements change, evaluation of need for further investigation will be necessary.

Information is sufficient to use Standard Special Provisions. Copy of completed Standard Special Provision is attached.

Conduct additional investigation

Phase 2 (determine if contamination is present)

Phase 2.5 (determine extent of contamination within existing R/W only)

Phase 3 (determine full extent of contamination prior to acquisition)

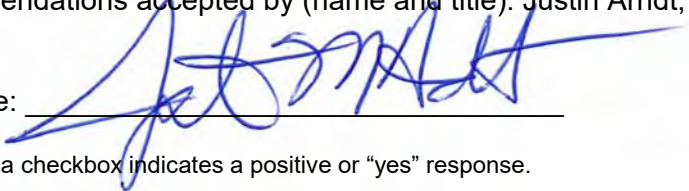
Phase 4 (remediate site)

Other (describe)

Prepared by: Patricia Hermann on 02/26/2018

Recommendations accepted by (name and title): Justin Arndt, P.E. on 02/26/2018.

Signature: _____



A check in a checkbox indicates a positive or "yes" response.

Site Number: 3
Site Address: 505 SOUTH COMMERCE STREET

Real Estate Requirements: NONE

Construction Requirements: Replacement of pavement, sidewalk, curb & gutter to 2'; replacement of storm sewer to 7'; Replacement of light poles to 10'

This site appears in the NPDES and RGA LUST databases.

The site is currently Travel Leaders. The site includes 1045 Pennsylvania Avenue. The site is shown with a building south and west of the bridge that is noted with Gasoline HO on the 1903 Sanborn map and a filling station/auto repair facility is located at the site on the 1949, 1955, and 1967 Sanborn maps. Two (2) gasoline tanks shown to the northwest of the onsite automobile repair building and underneath the current onsite building.

Prigges Chartered Busses, Inc. at 505 S Commerce Street is listed on the NPDES for a Storm Water Industrial Tier 2 Permit.

The EDR RGA LUST database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Prigge's Bus at 505 South Commerce Street is listed in the database in 1992. A database search of this site revealed no known LUST at this location. There is a Prigges Bus Service LUST at 520 S Commerce Street.

Based on the former use of the site as a filling station and a wood yard with gasoline storage near the bridge location and the construction requirements in the direct vicinity of the former tanks, a Phase 2.5 Subsurface Investigation is recommended within the existing ROW immediately adjacent to the property in the area of the proposed storm sewer laterals and light pole locations only.

WisDOT Phase 1 Hazardous Materials Assessment Site Summary

WisDOT Project ID: 4996-25-00
Highway/Street: Pennsylvania Avenue Bridge
Termini/Limits: Commerce Street and Water Street
County: Sheboygan County

Property Information:

Site Name(s): 927 Pennsylvania Avenue
 DOT parcel number (if known):
 Property Address: 927 Pennsylvania Avenue, Sheboygan, WI 53081
 Owner's Name: Sierra General Properties, LLC
 Owner's Address: 1234 New York Avenue, Sheboygan, WI 53081-3903
 Owner's Phone:
 Current Land Use: Commercial
 Past Land Use: Filling Station, Auto Repair

Real Estate Requirements: Not Finalized

- None Total take Strip acquisition of _____ feet
 Temporary Limited Easement (TLE)
 Permanent Limited Easement (PLE)
 Other (describe)

Construction Requirements: Not Finalized

- None Excavation within current right of way to 2 feet
 Excavation within proposed right of way to _____ feet
 Excavation within easement to _____ feet
 Public or private utility or sanitary or storm sewer installation or excavation to 7-10 feet

Information from database searches and interviews:

Department of Agriculture, Trade, and Consumer Protection (DATCP)

- site has registered tanks ASTs USTs
 tanks are currently in use
 tanks are abandoned date:

Tank contents:

- Leaded gasoline Unleaded gasoline Fuel Oil Diesel
 Kerosene Unknown Other (describe)

Department of Safety and Professional Services (DSPS)

Note: As of July 2, 2013, all DSPS LUST activities were transferred to the WDNR for oversight.

- site is a DSPS administered LUST site; DSPS ID number:
 site is a closed DSPS LUST site; closure date:

Department of Natural Resources (DNR)

- site is a DNR administered LUST site; BRRTS number:
 site is a DNR administered ERP site; BRRTS number:
 site is a closed LUST ERP site; closure date:
 site is a landfill
 site is an abandoned waste disposal site
 site is a hazardous waste generator
 Other (please describe)

Sanborn Maps: site is a Filling Station/Auto Repair Facility on map dated 1949-1955. Comments:

Three (3) gasoline tanks are located southwest of the intersection of Pennsylvania Avenue and South Water Street.

WisDOT historic plan sets: site is a _____ on project _____ dated _____. Comments:

Business directories: site is a _____ on project _____ dated _____. Comments:

A check in a checkbox indicates a positive or "yes" response.

Aerial photos: site is a _____ on photo dated _____. Comments:

Contamination discovered at _____ feet during utility or other excavation in the area. Indicate location on site map.

Interview Information or other comments:

Visual Evidence of Potential Contamination: (include additional information in space provided)

No evidence of tanks

USTs ASTs Location, number and condition of tanks, contents, comments:

Location in relationship to current right of way: map attached

Location in relationship to proposed right of way: map attached

Drums Stained soils Odor Sheen on surface water Areas of excavation

Areas of fill Stressed vegetation Pond(s) Basins/sumps Monitoring wells

Soil borings

Comments:

Potential for Contaminant Migration: (attach supporting documentation such as plume maps, summaries of site investigation or closure reports).

Property is a potential source of contamination

Adjacent property is a potential source of contamination. Include site name or BRRTS number if known, describe location, include contaminant type and any additional information.

Contaminated soil known to be within proposed right of way from _____ feet to _____ feet below ground surface

Contaminated groundwater known to be within proposed right of way at _____ feet below ground surface.

Contaminated soil or groundwater within existing right of way. Attach copy of most recent investigation and plume maps.

Attachments – required

Site photographs and a site map showing areas of concern

Plat map showing parcel and any proposed areas of acquisition or easement

Historic aerial photos of site - clearly outline site

Historic WisDOT or other as-builts and plat maps - clearly outline site

Plume maps for known contamination. Indicate existing or proposed right of way where applicable.

Recommendations

No additional hazardous materials investigation is required.

If construction or real estate requirements change, evaluation of need for further investigation will be necessary.

Information is sufficient to use Standard Special Provisions. Copy of completed Standard Special Provision is attached.

Conduct additional investigation

Phase 2 (determine if contamination is present)

Phase 2.5 (determine extent of contamination within existing R/W only)

Phase 3 (determine full extent of contamination prior to acquisition)

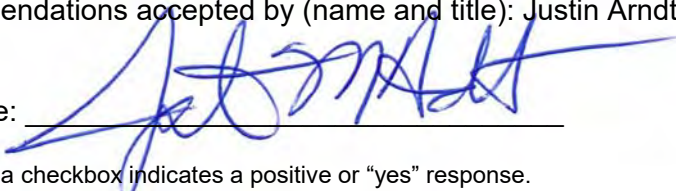
Phase 4 (remediate site)

Other (describe)

Prepared by: Patricia Hermann on 02/26/2018

Recommendations accepted by (name and title): Justin Arndt, P.E. on 02/26/2018.

Signature: _____



A check in a checkbox indicates a positive or "yes" response.

Site Number: SAN-1
Site Address: 927 PENNSYLVANIA AVENUE

Real Estate Requirements: NONE

Construction Requirements: Replacement of pavement, sidewalk, curb & gutter to 2'; replacement of storm sewer to 7'; Replacement of light poles to 10'

This site does not appear in any database.

This site is shown as a filling station/auto repair facility on the 1949 and 1955 Sanborn maps. Three (3) gasoline tanks are located southwest of the intersection of Pennsylvania Avenue and South Water Street.

Based upon the former use of the property as a filling station and the construction requirements in the direct vicinity of the former tanks a Phase 2.5 Subsurface Investigation is recommended within the existing ROW immediately adjacent to the property in the area of the proposed storm sewer laterals and light pole locations only.



**Attachment 2 – Hazardous
Materials Special
Provisions**

Mark D Walter

From: James, Andrew G - DNR <andrew.james@wisconsin.gov>
Sent: Tuesday, March 26, 2019 2:19 PM
To: Mark Walter
Cc: VanPrice, Kathie - DOT; Chronert, Roxanne N - DNR; Lauridsen, Keld B - DNR; TeBeest, Sharlene - DOT
Subject: RE: REQUEST FOR CONCURRENCE with Special Provisions for WisDOT ID 4996-25-00 Pennsylvania Avenue Bridge and Approaches – Sheboygan, WI, BRRTS #:0960582891

Mr. Walter,

Wisconsin Department of Natural Resources (WDNR) concurs with the soil characterization completed by O'Brien & Gere Engineering Inc. (OBG) on behalf of the Wisconsin Department of Transportation (WDOT) for project WisDOT ID #: 4996-25-00 (WDNR BRRTS #:09-60-582891). WDNR concurs with the special provisions for Petroleum Volatile Organic Compound (PVOC) and Polycyclic Aromatic Hydrocarbon (PAH) contaminated soil at Pennsylvania Ave from STA 101+22 to 103+35 and STA 107+35 to 108+54 both from project limits left to right and from 1' below ground surface (bgs) to the maximum depth of excavation. WDNR also concurs with the special provisions of Polychlorinated Biphenyls (PCB) contaminated soil at Pennsylvania Ave STA 103+35 to 103+75 and 107+00 to 107+35 both from project limits left to right and from 0' to 2' bgs. It is WDNR's understanding that all contaminated soil will be properly disposed at a licensed landfill.

Let me know if you have any question or concerns.

Thanks,

Andy

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Andy James

Phone: 920-662-5149

Andrew.James@wisconsin.gov

Excavation, Hauling, and Disposal of Polychlorinated Biphenyls (PCB) Contaminated Soil, Item SPV.XXXX.XX.

A Description

A.1 General

This special provision describes excavating, loading, hauling, and disposing of PCB contaminated soil at a WDNR-licensed landfill facility. The closest WDNR-licensed landfill facilities are:

Advanced Disposal Services Hickory Meadows
W3105 Schneider Road
Hilbert, WI 54129
(920) 853-8553

Waste Management Ridgeview Security Landfill
6207 Hempton Lake Road
Whitelaw, WI 54247
(866) 909-4458

Perform this work in accordance to standard spec 205 and with pertinent parts of Chapters NR 700-754 of the Wisconsin Administrative Code, as supplemented herein. Per NR 718.07, a solid waste collection and transportation service-operating license is required under NR 502.06 for each vehicle used to transport contaminated soil.

A.2 Notice to the Contractor – Contaminated Soil Location

The department and others completed testing for soil contamination for locations within this project where excavation is required. Testing indicated that soil contaminated with PCB is present at the following location where excavation is required, as shown on the plans:

1. Pennsylvania Avenue from STA 103+35 to 103+75, from project limits left to project limits right, from 0' to 2' bgs. Soil contains PCB and must be managed. Approximately 94 cubic yards (approximately 160 tons at an estimated 1.7 tons per cubic yard) of soil will be excavated from this location.
2. Pennsylvania Avenue from STA 107+00 to 107+35, from project limits left to project limits right, from 0' to 2' bgs. Soil contains PCB and must be managed. Approximately 45 cubic yards (approximately 77 tons at an estimated 1.7 tons per cubic yard) of soil will be excavated from this location.

Directly load soil excavated by the project at the above location into trucks that will transport the soil to a WDNR-licensed landfill facility for disposal.

If contaminated soils are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer. If dewatering is required at the above locations, conduct the dewatering in accordance with Section C below.

The excavation management plan for this project has been designed to minimize the offsite treatment or disposal of contaminated material. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding previous investigation and remediation activities near this project contact:

Name: Ms. Kathie VanPrice
WisDOT Northeast Region Hazardous Materials Coordinator
Address: 944 Vanderperren Way, Green Bay, WI 54324
Phone: 920-492-7175
Fax: 920-366-5674
E-mail: Kathie.VanPrice@dot.wi.gov

A.3 Coordination

Coordinate work under this contract with the environment consultant:

Consultant: O'Brien & Gere Engineers, Inc. (OBG)
Address: 234 W. Florida Street, Fifth Floor, Milwaukee, WI 53204
Contact: Mr. Mark Walter, PE
Phone: 414-837-3563
Fax: 414-837-3608
E-mail: Mark.Walter@obg.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying contaminated soils to be hauled to the landfill facility;
3. Documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of contaminated soil from the landfill facility.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also notify the environmental consultant at least three (3) calendar days prior to commencement of excavation activities in the contaminated areas.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation activities in the contaminated areas. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed.

Identify the WDNR-licensed landfill facility that will be used for disposal of contaminated soils, and provide this information to the environmental consultant no later than 30 calendar

days prior to commencement of excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the landfill facility. Do not transport contaminated soil offsite without prior approval from the environmental consultant.

A.4 Health and Safety Requirements

Supplement standard spec 107.1 with the following:

During excavation and dewatering activities, expect to encounter soil contaminated with PCBs. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

B (Vacant)

C Construction

Supplement standard spec 205.3 with the following:

Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated.

The environmental consultant will periodically monitor soil excavated from the contaminated areas. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The soil sampling frequency shall be a maximum of one sample for every 15 cubic yards excavated.

Directly load and haul soils designated by the environmental consultant for offsite disposal to the WDNR-licensed landfill facility. Use loading and hauling practices that are appropriate to prevent any spills or releases of PCB-contaminated soils or residues. Prior to transport, sufficiently dewater soils designated for off-site disposal so as not to contain free liquids.

If dewatering is required in areas of known contamination, water generated from dewatering activities will likely contain PCB. Such water may, with approval of the local wastewater treatment utility, be discharged to the sanitary sewer or at the treatment facility directly as follows:

Meet all applicable requirements, including the control of suspended solids. Perform all necessary monitoring to document compliance with requirements. Furnish, install, operate, maintain, disassemble, and remove treatment equipment necessary to comply with requirements.

Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities.

Notify the engineer of any dewatering activities, and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statutes, judiciary decisions, and regulations of the State of Wisconsin.

Costs associated with excavation dewatering in the contaminated areas are considered incidental to this pay item. The Wisconsin Department of Transportation will be the generator of regulated solid waste from this construction project.

D Measurement

The department will measure Excavation, Hauling, and Disposal of PCB Contaminated Soil in tons of contaminated soil accepted by the WDNR-licensed landfill facility as documented by weight tickets generated by the landfill facility.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.XXXX.XX	Excavation, Hauling, and Disposal of PCB Contaminated Soil	Ton

Payment is full compensation for excavating, segregating, loading, hauling, and disposal of contaminated soil; obtaining solid waste collection and transportation service operating licenses; assisting in the collection of soil samples for field evaluation; and dewatering of soils prior to transport, if necessary. Management and disposal of contaminated water is considered incidental to other bid items in the contract. The department will not pay directly for management and disposal/treatment of contaminated water.

1. Excavation, Hauling, and Disposal of Petroleum Contaminated Soil, Item 205.0501.S.

A Description

A.1 General

This special provision describes excavating, loading, hauling, and disposing of petroleum contaminated soil at a WDNR-licensed landfill facility. The closest WDNR-licensed landfill facilities are:

Advanced Disposal Services Hickory Meadows
W3105 Schneider Road
Hilbert, WI 54129
(920) 853-8553

Waste Management Ridgeview Security Landfill
6207 Hempton Lake Road
Whitelaw, WI 54247
(866) 909-4458

Perform this work in accordance to standard spec 205 and with pertinent parts of Chapters NR 700-754 of the Wisconsin Administrative Code, as supplemented herein. Per NR 718.07, a solid waste collection and transportation service-operating license is required under NR 502.06 for each vehicle used to transport contaminated soil.

A.2 Notice to the Contractor – Contaminated Soil Location(s)

The department and others completed testing for soil and groundwater contamination for locations within this project where excavation is required. Testing indicated that soil contaminated with petroleum volatile organic compounds (PVOCs) and polycyclic aromatic hydrocarbons (PAHs) is present at the following locations where excavation is required, as shown on the plans:

1. Pennsylvania Avenue from STA 101+22 to 103+35, from project limits left to project limits right, from 1' below ground surface (bgs) to maximum depth of excavation. Soil contains PVOCs and PAHs and must be managed.
2. Pennsylvania Avenue from STA 107+35 to 108+54, from project limits left to project limits right, from 1' below ground surface (bgs) to maximum depth of excavation. Soil contains PVOCs and PAHs and must be managed.

Directly load soil excavated by the project at the above location into trucks that will transport the soil to a WDNR-licensed landfill facility for disposal.

If contaminated soils are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer. If dewatering is required at the above locations, conduct the dewatering in accordance with Section C below.

The excavation management plan for this project has been designed to minimize the offsite treatment or disposal of contaminated material. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding previous investigation and remediation activities near this project contact:

Name: Ms. Kathie VanPrice
WisDOT Northeast Region Hazardous Materials Coordinator
Address: 944 Vanderperren Way, Green Bay, WI 54324
Phone: 920-492-7175
Fax: 920-366-5674
E-mail: Kathie.VanPrice@dot.wi.gov

A.3 Coordination

Coordinate work under this contract with the environment consultant:

Consultant: O'Brien & Gere Engineers, Inc. (OBG)
Address: 234 W. Florida Street, Fifth Floor, Milwaukee, WI 53204
Contact: Mr. Mark Walter, PE
Phone: 414-837-3563
Fax: 414-837-3608
E-mail: Mark.Walter@obg.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying contaminated soils to be hauled to the landfill facility;
3. Documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of contaminated soil from the landfill facility.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also notify the environmental consultant at least three (3) calendar days prior to commencement of excavation activities in the contaminated areas.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation activities in the contaminated areas. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed.

Identify the WDNR-licensed landfill facility that will be used for bioremediation and/or disposal of contaminated soils, and provide this information to the environmental consultant

no later than 30 calendar days prior to commencement of excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the landfill facility. Do not transport contaminated soil offsite without prior approval from the environmental consultant.

A.4 Health and Safety Requirements

Add the following to standard spec 107.1:

During excavation activities, expect to encounter soil contaminated with PVOCs and PAHs. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

B (Vacant)

C Construction

Add the following to standard spec 205.3:

Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite bioremediation and/or disposal. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 15 cubic yards excavated.

Directly load and haul soils designated by the environmental consultant for offsite bioremediation and/or disposal to the WDNR-licensed landfill facility. Use loading and hauling practices that are appropriate to prevent any spills or releases of petroleum-contaminated soils or residues. Prior to transport, sufficiently dewater soils designated for off-site disposal so as not to contain free liquids.

If dewatering is required in areas of known contamination, water generated from dewatering activities will likely contain PVOCs and PAHs. Such water may, with approval of the local

wastewater treatment utility, be discharged to the sanitary sewer or at the treatment facility directly as follows:

Meet all applicable requirements, including the control of suspended solids. Perform all necessary monitoring to document compliance with requirements. Furnish, install, operate, maintain, disassemble, and remove treatment equipment necessary to comply with requirements.

Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities.

Notify the engineer of any dewatering activities, and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statutes, judiciary decisions, and regulations of the State of Wisconsin.

Costs associated with excavation dewatering in the contaminated areas are considered incidental to this pay item. The Wisconsin Department of Transportation will be the generator of regulated solid waste from this construction project.

D Measurement

The department will measure Excavation, Hauling, and Disposal of Petroleum Contaminated Soil in tons of contaminated soil, accepted by the WDNR-licensed landfill facility as documented by weight tickets generated by the landfill facility.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	Ton

Payment is full compensation for excavating, segregating, loading, hauling, and treatment and/or disposal of contaminated soil; obtaining solid waste collection and transportation service operating licenses; assisting in the collection soil samples for field evaluation; and dewatering of soils prior to transport, if necessary. Management and disposal of contaminated water is considered incidental to other bid items in the contract. The department will not pay directly for management and disposal/treatment of contaminated water.

~~stp 205-003 (20150630)~~



**Attachment 3 –
Contaminated Soil Waste
Profiles and Disposal
Documentation**



Requested Facility: Ridgeview RDF Unsure Profile Number: 131337WI
 Multiple Generator Locations (Attach Locations) Request Certificate of Disposal Renewal? Original Profile Number:

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- 1. Generator Name: City of Sheboygan (WisDOT ID: 4996-25-71)
2. Site Address: Pennsylvania Ave., Sheboygan River Bridge (City, State, ZIP) Sheboygan WI 53081
3. County: Sheboygan
4. Contact Name: Mark Walter, OBG
5. Email: Mark.Walter@obg.com
6. Phone: (608) 546-2311 7. Fax:
8. Generator EPA ID: N/A
9. State ID: N/A

B. BILLING INFORMATION

SAME AS GENERATOR

- 1. Billing Name: Vinton Construction Company
2. Billing Address: 2705 North Rapids Road (City, State, ZIP) Manitowoc WI 54221
3. Contact Name: Ron Raboine
4. Email: rraiboine@vintonwis.com
5. Phone: (920) 374-0243 6. Fax:
7. WM Hauled? Yes No
8. P.O. Number:
9. Payment Method: Credit Account Cash Credit Card

C. MATERIAL INFORMATION

- 1. Common Name: Petroleum-Contaminated Soil Describe Process Generating Material: See Attached Excavation for reconstruction of roadway. Source is gasoline leaking underground storage tanks.
2. Material Composition and Contaminants: See Attached
Table with 2 columns: Contaminant, Percentage. Row 1: Soil, 100%. Total comp. must be equal to or greater than 100% >=100%
3. State Waste Codes: N/A
4. Color: Brown
5. Physical State at 70°F: Solid Liquid Other:
6. Free Liquid Range Percentage: to N/A
7. pH: to N/A
8. Strong Odor: Yes No Describe:
9. Flash Point: <140°F 140°-199°F >=200° N/A

D. REGULATORY INFORMATION

- 1. EPA Hazardous Waste? Yes* No
2. State Hazardous Waste? Yes No
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? Yes* No
4. Contains Underlying Hazardous Constituents? Yes* No
5. From an industry regulated under Benzene NESHAP? Yes* No
6. Facility remediation subject to 40 CFR 63 GGGGG? Yes* No
7. CERCLA or State-mandated clean-up? Yes* No
8. NRC or State-regulated radioactive or NORM waste? Yes* No
9. Contains PCBs? If Yes, answer a, b and c. Yes No
a. Regulated by 40 CFR 761? Yes No
b. Remediation under 40 CFR 761.61 (a)? Yes No
c. Were PCB imported into the US? Yes No
10. Regulated and/or Untreated Medical/Infectious Waste? Yes No
11. Contains Asbestos? Yes No
If Yes: Non-Friable Non-Friable - Regulated Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

- 1. Analytical attached Yes
Please identify applicable samples and/or lab reports:
Sample ID: 071918001; 071918005; 071918008; 071918009
2. Other information attached (such as MSDS)? Yes

F. SHIPPING AND DOT INFORMATION

- 1. One-Time Event Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 511.7
Tons Yards Drums Gallons Other:
3. Container Type and Size: Dump Truck
4. USDOT Proper Shipping Name: N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): RYAN SOZAMA Date: 5/02/19
Title: CITY ENGINEER
Company: CITY OF SHEBOYGAN

Certification Signature
Ryan J. Sozama



Requested Facility: Ridgeview RDF Unsure Profile Number: 131339WI
 Multiple Generator Locations (Attach Locations) Request Certificate of Disposal Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- 1. Generator Name: City of Sheboygan (WisDOT ID: 4996-25-71)
- 2. Site Address: Pennsylvania Ave., Sheboygan River bridge
(City, State, ZIP) Sheboygan WI 53081
- 3. County: Sheboygan
- 4. Contact Name: Mark Walter, OBG
- 5. Email: Mark.Walter@obg.com
- 6. Phone: (414) 837-3563 7. Fax: (414) 837-3608
- 8. Generator EPA ID: _____ N/A
- 9. State ID: _____ N/A

B. BILLING INFORMATION

SAME AS GENERATOR

- 1. Billing Name: Kramer North America
- 2. Billing Address: One Plainview Road
(City, State, ZIP) Plain WI 53577
- 3. Contact Name: Bob Deuth
- 4. Email: bdeuth@kraemerna.com
- 5. Phone: (608) 393-3743 6. Fax: _____
- 7. WM Hauled? Yes No
- 8. P.O. Number: _____
- 9. Payment Method: Credit Account Cash Credit Card

C. MATERIAL INFORMATION

- 1. Common Name: Polychlorinated biphenyls (PCBs)
Describe Process Generating Material: See Attached

Excavation for reconstruction of bridge abutments. Source is dredging spoils from Sheboygan River.

- 2. Material Composition and Contaminants: See Attached

1. Soil	100 %
2.	
3.	
4.	
Total comp. must be equal to or greater than 100% <input checked="" type="checkbox"/> ≥100%	

- 3. State Waste Codes: _____ N/A
- 4. Color: Brown
- 5. Physical State at 70°F: Solid Liquid Other: _____
- 6. Free Liquid Range Percentage: _____ to _____ N/A
- 7. pH: _____ to _____ N/A
- 8. Strong Odor: Yes No Describe: _____
- 9. Flash Point: <140°F 140°-199°F ≥200° N/A

D. REGULATORY INFORMATION

- 1. EPA Hazardous Waste? Yes* No
Code: _____
- 2. State Hazardous Waste? Yes No
Code: _____
- 3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? Yes* No
- 4. Contains Underlying Hazardous Constituents? Yes* No
- 5. From an industry regulated under Benzene NESHAP? Yes* No
- 6. Facility remediation subject to 40 CFR 63 GGGGG? Yes* No
- 7. CERCLA or State-mandated clean-up? Yes* No
- 8. NRC or State-regulated radioactive or NORM waste? Yes* No
- *If Yes, see Addendum (page 2) for additional questions and space.**
- 9. Contains PCBs? → If Yes, answer a, b and c. Yes No
 - a. Regulated by 40 CFR 761? Yes No
 - b. Remediation under 40 CFR 761.61 (a)? Yes No
 - c. Were PCB imported into the US? Yes No
- 10. Regulated and/or Untreated Medical/Infectious Waste? Yes No
- 11. Contains Asbestos? Yes No
→ If Yes: Non-Friable Non-Friable - Regulated Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

- 1. Analytical attached Yes
Please identify applicable samples and/or lab reports:
Soil samples 051418001 and 071918007
- 2. Other information attached (such as MSDS)? Yes

F. SHIPPING AND DOT INFORMATION

- 1. One-Time Event Repeat Event/Ongoing Business
- 2. Estimated Quantity/Unit of Measure: 240
 Tons Yards Drums Gallons Other: _____
- 3. Container Type and Size: Dump Truck
- 4. USDOT Proper Shipping Name: _____ N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): KEVIN JUMP Date: 5/3/19
Title: CIVIL ENGINEER / PROJECT MANAGER
Company: CITY OF SHEBOYGAN

Certification Signature

131379WI Transaction History

Date	Profile #	Manifest #	Ticket #	Waste	Facility	Carrier	Vehicle	Tons/ Tonnes	Material Quantity	Material Unit
7/25/2019	131379WI	*	1080647	POLYCHLORINATED BIPHENYS PCBS WM012A	Ridgeview RDF		332	16.5	16.5	TON
7/24/2019	131379WI	*	1080625	POLYCHLORINATED BIPHENYS PCBS WM012A	Ridgeview RDF		332	14.37	14.37	TON
							TOTAL LOADS		TOTAL TONS	
							2		30.87	



**Attachment 4 –
Photographs**

Client:	Project Location:	Project Number	WisDOT ID
WisDOT	Pennsylvania Ave. Bridge and Approaches Phase 4 – Sheboygan, WI	72652	4996-25-00
Photo #: 1			
Date: 06/19/2019			
Description: East bank of the Pennsylvania Avenue bridge (facing west) excavation of petroleum contaminated soil.			

Photo #: 2			
Date: 06/19/2019			
Description: East bank of the Pennsylvania Avenue bridge (facing south).			




Client:	Project Location:	Project Number	WisDOT ID
WisDOT	Pennsylvania Ave. Bridge and Approaches Phase 4 – Sheboygan, WI	72652	4996-25-00
Photo #: 3			
Date: 06/19/2019			
Description: Northeast side of Pennsylvania Avenue bridge (facing northwest).			
			

Photo #: 4			
Date: 06/19/2019			
Description: Beneath the east side of the Pennsylvania Avenue bridge, facing south.			




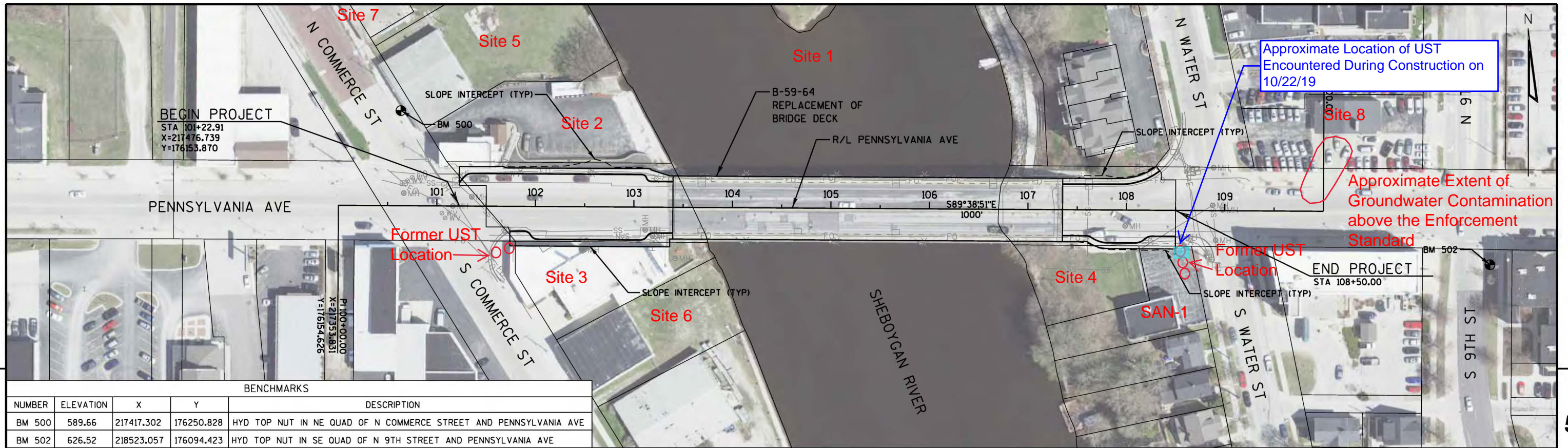
Client:	Project Location:	Project Number	WisDOT ID
WisDOT	Pennsylvania Ave. Bridge and Approaches Phase 4 – Sheboygan, WI	72652	4996-25-00
Photo #: 5			
Date: 7/24/19			
Description: Removal of PCB contaminated soil, beneath the west side of the Pennsylvania Avenue bridge (facing east).			

Photo #: 6			
Date: 07/19/2018			
Description: Removal of PCB contaminated soil (facing southeast). Material replaced with clean riprap.			

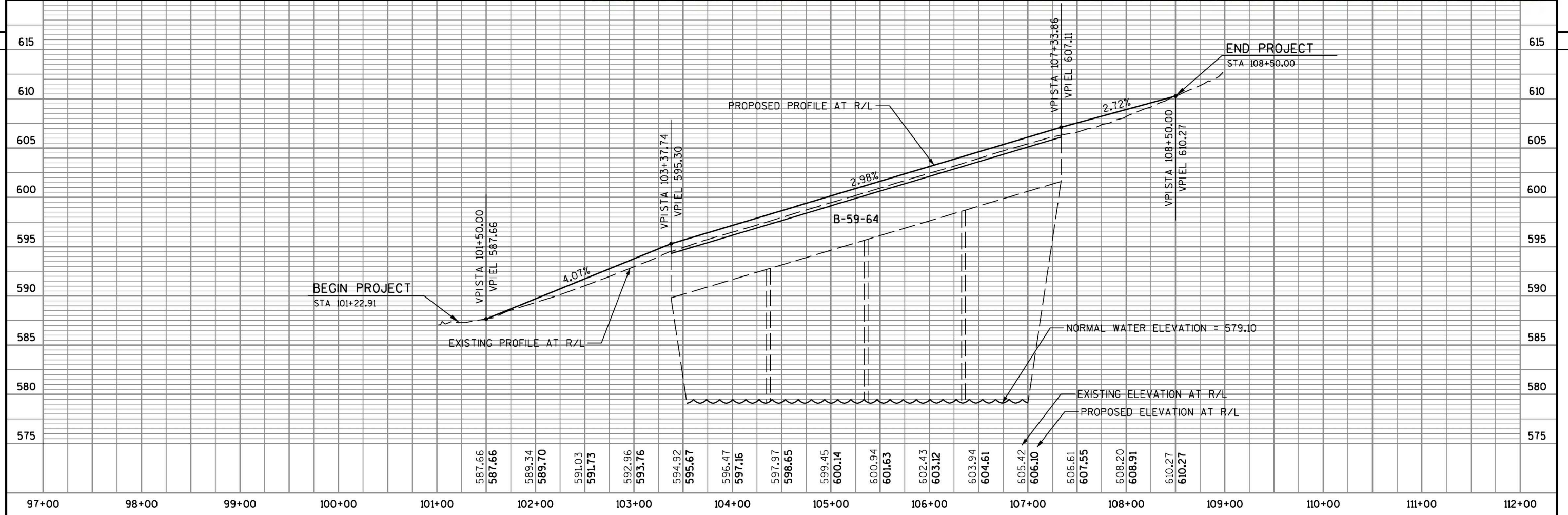


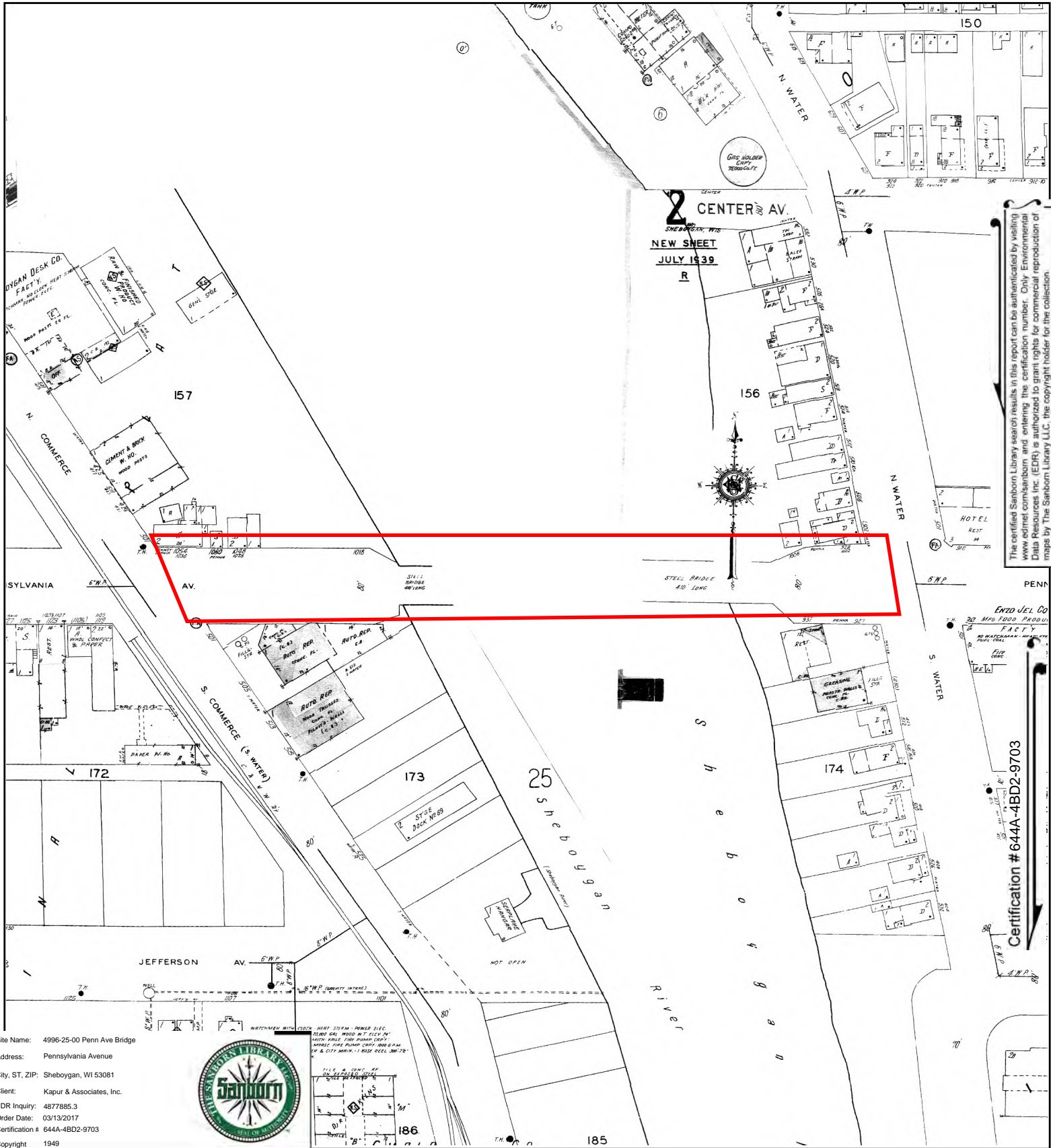


**Attachment 5 – Relevant
Sanborn Maps and
Approximate UST
Location Figure**



BENCHMARKS				
NUMBER	ELEVATION	X	Y	DESCRIPTION
BM 500	589.66	217417.302	176250.828	HYD TOP NUT IN NE QUAD OF N COMMERCE STREET AND PENNSYLVANIA AVE
BM 502	626.52	218523.057	176094.423	HYD TOP NUT IN SE QUAD OF N 9TH STREET AND PENNSYLVANIA AVE





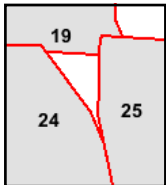
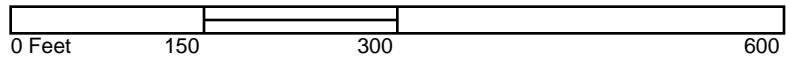
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Certification # 644A-4BD2-9703

Site Name: 4996-25-00 Penn Ave Bridge
 Address: Pennsylvania Avenue
 City, ST, ZIP: Sheboygan, WI 53081
 Client: Kapur & Associates, Inc.
 EDR Inquiry: 4877885.3
 Order Date: 03/13/2017
 Certification #: 644A-4BD2-9703
 Copyright: 1949

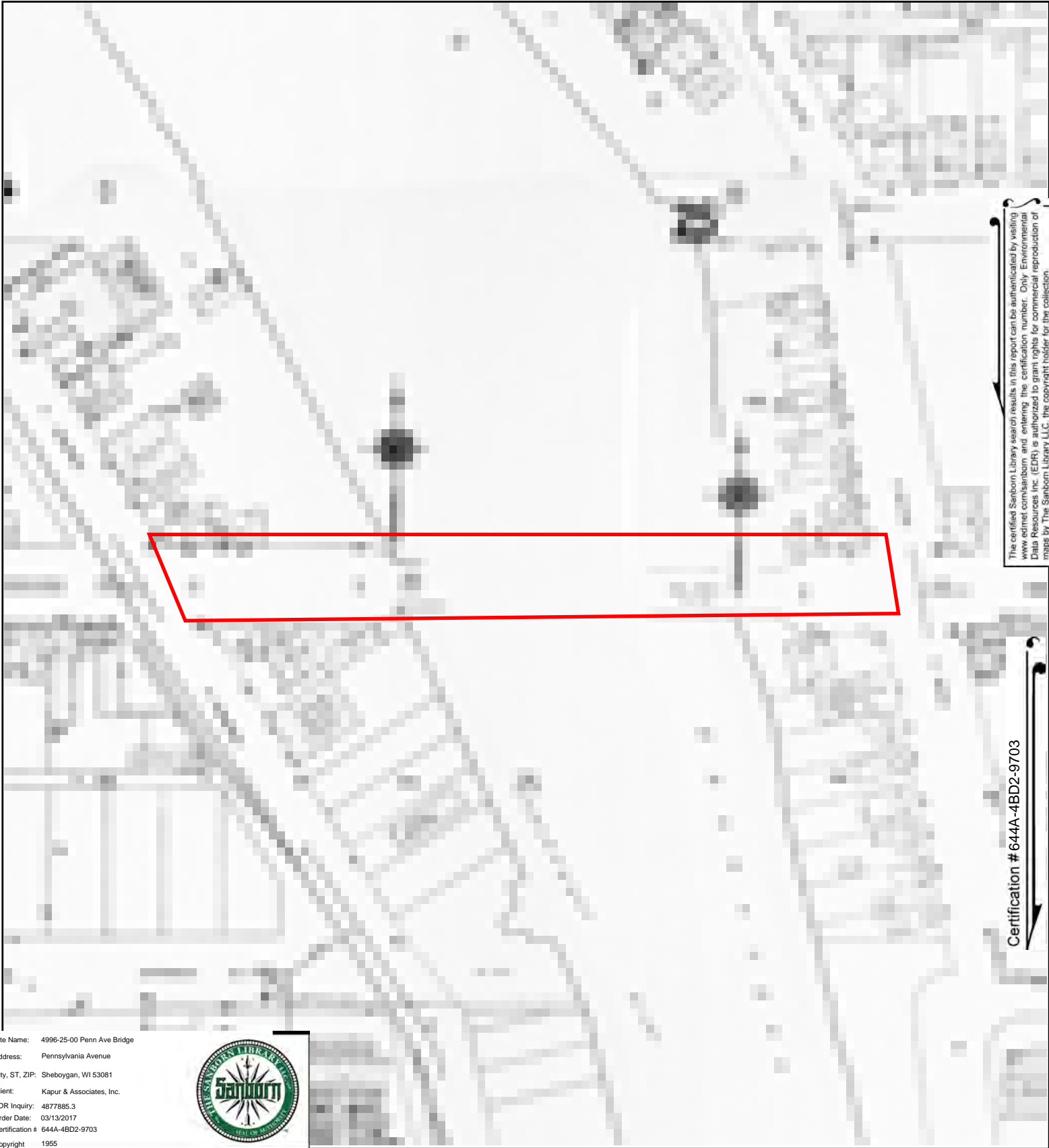


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 25
 Volume 1, Sheet 24
 Volume 1, Sheet 19





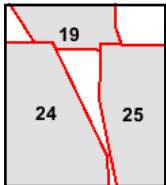
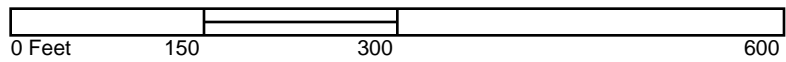
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Certification # 644A-4BD2-9703

Site Name: 4996-25-00 Penn Ave Bridge
 Address: Pennsylvania Avenue
 City, ST, ZIP: Sheboygan, WI 53081
 Client: Kapur & Associates, Inc.
 EDR Inquiry: 4877885.3
 Order Date: 03/13/2017
 Certification # 644A-4BD2-9703
 Copyright 1955



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