

Phase I Hazardous Materials Assessment

WisDOT ID 4090-07-00

STH 67

WCL – Campbellsport

WCL – S. Village Limits

Fond du Lac County

WisDOT ID 4090-06-00

STH 67

Village of Campbellsport

Baumann St. – Triple S Rd.

Fond du Lac County

WisDOT ID 4090-05-00

STH 67

ECPL Campbellsport – USH 45

Triple S Rd. – USH 45

Fond du Lac County

WisDOT ID 4530-06-00

STH 67

USH 45 – ECL

USH 45 – Division Rd.

Fond du Lac County

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1. Executive Summary

A. Description of the highway project

This project is located along approximately 19 miles of state highway (WIS) 67 as it meanders from the western Fond du Lac County line near the Town of Ashford northeast to the eastern county line near the unincorporated community of Armstrong in the Town of Osceola. The project is located in Sections 11-21, T13N, R18E in the Town of Ashford, Sections 3-5, 7, 8, 18, T13N, R19E in the Town of Auburn, and Sections 1, 2, 11-13, 24, 25, 26, 34, 35, T14N, R19E in the Town of Osceola. A project location map can be found in Appendix A.

This project encompasses four project ID's also referred to as sections, 4090-07-00 (section 1), 4090-06-00 (section 2), 4090-05-00 (section 3), 4530-06-00 (section 4), which together function as one corridor. The purpose of this project is to improve the functional and operational effectiveness of the existing state highway while maximizing safety and minimizing social, economic, and environmental impacts. The proposed construction activities include a mill and overlay of the current pavement surface along rural portions of the project corridor, outside of the Village of Campbellsport. The intersections of WIS 67 with Triple S Road and US Highway (US) 45, respectively, will be reconstructed. In rural areas, limited excavation outside the current roadway section is proposed and limited right-of-way will be needed as a result of proposed project activities. Beam guard will be evaluated for upgrading, replacement, or removal along the entire corridor and steep shoulders will be corrected with slope grading or curb and gutter as necessary to minimize environmental impacts. Some Temporary Limited Easement (TLE) will also be required for these activities.

Within the Village of Campbellsport, WIS 67 will be reconstructed on the existing alignment and underground utilities will be replaced or relined as needed. Proposed construction activities are expected to remain within the existing right-of-way although some strip or corner acquisition and TLE is anticipated. Just to the east of the Village, WIS 67 transitions from urban to rural and passes the former Campbellsport Mill Pond. Here, the roadway will be reconstructed to an urban section and slightly realigned. Real estate acquisition is anticipated in this area.

B. Purpose and Methodology

The Phase 1 Hazardous Materials Assessment was completed in accordance with Procedure 21-35-5 of the Wisconsin Department of Transportation (WisDOT) Facilities Development Manual (FDM). Although sections of this project meet WisDOT's criteria for Potentially Exempt Projects due to proposed project activities, some portions of this project are known to contain hazardous materials sites and therefore the whole corridor warrants further analysis.¹

¹ FDM Procedure 21-35-1.5. <http://roadwaystandards.dot.wi.gov/standards/fdm/21-35.pdf> Projects with construction activities limited to pavement reconstruction, resurfacing, and pavement rehabilitation along with the

Federal and state agency records and online databases, including those from the U.S. Environmental Protection Agency (EPA), the Wisconsin Department of Natural Resources (WDNR), the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP), and the Wisconsin Department of Safety and Professional Services (WDSPS), were reviewed. Reconnaissance surveys of the entire project corridor were completed in July 2012 and June 2014. Sites immediately adjacent to and within one-quarter mile of the proposed project area were evaluated. Existing conditions for parcels contiguous to the subject project boundary were observed and documented. In addition, public officials were interviewed and the existing physical characteristics and land use of the corridor were evaluated.

C. Summary of assessment findings

A total of 50 sites were identified along the project corridor. The sites are identified from west to east and numbered on the Hazardous Materials Sites Location Map provided in Appendix B. These sites include registered aboveground storage tanks (ASTs), underground storage tanks (USTs), leaking underground storage tanks (LUSTs), spills, asbestos, and an Environmental Repair Program (ERP) Superfund Site. Sites lacking sufficient address or location information or determined to be located outside the proposed project area are not discussed in this report.

Based on the results of the Phase 1 Hazardous Materials Assessment, ten sites located on WIS 67 have been identified as posing hazardous materials concerns in regard to proposed project activities. Additional information on these sites and all sites identified along the corridor is presented in Section 3.

A Phase 2 Subsurface investigation to determine if contamination is present is recommended for the following property:

- **Site 16. Campbellsport News (former gas station), 101 N. Fond du Lac Avenue** (Project ID 4090-06-00)

A Phase 2.5 Additional subsurface investigation and definition of extent of contamination within the right-of-way is recommended for the following properties:

- **Site 14. Campbellsport Mobil Mart (gas station), 259 N. Fond du Lac Avenue** (Project ID 4090-06-00)

A Phase 3 Definition of Extent of Contamination within the Right-of-Way to determine the complete vertical and lateral extent of soil and groundwater contamination is recommended for the following properties:

- **Site 31. Old Dutchmill (former gas station/tavern), private residence, N2271 US Highway (US) 45** (Project ID 4530-06-00).

addition of paved shoulders involving little or no excavation or acquisition generally do not present much risk of involvement with hazardous materials contamination sites. (accessed 12 December, 2013).

Special provisions are recommended for the following sites:

- **Site 14. Campbellsport Mobil Mart (gas station), 259 N. Fond du Lac Avenue** (Project ID 4090-06-00)
- **Site 16. Campbellsport News (former gas station), 101 N. Fond du Lac Avenue** (Project ID 4090-06-00)
- **Site 28. WIS 67 bridge over Milwaukee River, B-20-0032** (Project ID 4090-06-00)
- **Site 31. Old Dutchmill (former gas station/tavern), private residence, N2271 US Highway (US) 45** (Project ID 4530-06-00).
- **Site 36. Dins Garage & Mini Mart (gas station), N3006 WIS 67** (Project ID 4530-06-00)
- **Site 37. Majesky Property (former gas station), N3076 WIS 67** (Project ID 4530-06-00)

Additional evaluation as during design is recommended for the following sites:

- **Site 18. Serwe GMC Buick Chevrolet Dealer, 113 E. Main Street** (Project ID 4090-06-00)
- **Site 20. Right-of-Way, 139 & 146 E. Main Street** (Project ID 4090-06-00)
- **Site 25. B's, Bells, & Bootcamps, 511 E. Main Street** (Project ID 4090-06-00)
- **Site 26. GTE North/Verizon North, Inc., 526 E. Main Street** (Project ID 4090-06-00)

2. Project Corridor Information

A. Government responsible for the project

WisDOT is the unit of government responsible for the project. The project corridor passes through Village of Campbellsport and the Towns of Ashford, Auburn, and Osceola in Fond du Lac County.

B. Limits and nature of project corridor

This project encompasses four project ID's which together function as one corridor. The limits and nature of each section is described in more detail below. Project Plans are provided as Appendix C.

WisDOT ID 4090-07-00 (section 1) is the western portion of the project extending 5.7 miles from the west Fond du Lac County line at Golden Corners Road to N. Baumann Street at the west edge of the Village of Campbellsport. This section is approximately 31-percent of the total WIS 67 project corridor and runs through the Town of Ashford. The majority of this section contains agricultural and rural residential land uses and there is a large farm implement company located at Drumlin Drive. Proposed project activities along this section consist of mill and overlay of the existing roadway surface not expected to exceed a depth of 2.5 inches. A new 4 inch asphaltic surface will be added. Slope grading will be necessary to flatten steep slopes at several locations and beam guard and culverts will be removed, repaired, or replaced where necessary. No asbestos report was completed for the bridge over the West Branch Milwaukee River as no work is proposed on the structure.

WisDOT ID 4090-06-00 (section 2) is located within and east of the Village of Campbellsport and runs from N. Baumann Street on the west to approximately Triple S Road on the east. This project encompasses 2.2 miles, or approximately 11-percent, of the total project corridor. The urban portion of this section runs through the center of the Village where it is known as W. Sheboygan Avenue, N. Fond du Lac Avenue, and E. Main Street. WIS 67 has historically been and continues to be "Main Street" for the Village and commercial and single-family residential land uses dominate. The Police Station, Fire Department, and a wayside park also front WIS 67. Project activities in the Village include a complete reconstruction of the existing roadway to a depth between 6 and 26 feet below ground surface (bgs) to reline sanitary sewer and a depth between 4 and 8 feet to replace water and storm utilities. The typical section will replace the on-street parking lane in some locations and add a bicycle lane in both directions for the extent of the urban section. Limited strip or corner right-of-way acquisition is anticipated at some intersections but the typical section will not be widened outside the existing right-of-way.

The existing rural portion of section 2 runs adjacent to the former Campbellsport Mill Pond, now a wetland, just east of the Mill Pond Bridge. The majority of this section contains open grass areas and the wetland itself, although some limited rural residential development exists. Project activities include a complete reconstruction of WIS 67 from the Mill Pond Bridge to Triple S Road to an urban section. Reconstruction of the roadway is expected to reach a depth of up to 8 feet bgs in order to install a new

storm sewer. WIS 67 will be slightly realigned in this area to avoid impacts to the wetland associated with the Mill Pond on the north. Real estate acquisition and TLE is anticipated in the rural section of section 2.

WisDOT ID 4090-05-00 (section 3) is located northeast of the Village of Campbellsport and runs from approximately Triple S Road to just south of the intersection of WIS 67 and US 45. The roadway section length is 1.4 miles long and spans 8-percent of the total WIS 67 project corridor. This section runs through the Town of Auburn and consists of rural residential and agricultural land uses. There is a golf course located at the southern end of this section. Proposed project activities in this area consist of mill and overlay of the existing roadway surface to a depth of 2.5 inches. A new 4 inch asphaltic surface will be added. The northbound shoulder will be widened from 3 feet to 5 feet to accommodate bicycles. Slope grading will be necessary to flatten steep slopes at several locations and beam guard and culverts will be removed, repaired, or replaced where necessary.

WisDOT ID 4053-06-00 (section 4) is the eastern-most section spanning approximately 50-percent of the total WIS 67 corridor. This portion of the project is 9.3 miles long, extending from the intersection of WIS 67 and US 45 to Division Road; the eastern Fond du Lac County line. This corridor runs through the northern portion of the Town of Auburn and the unincorporated community of Dundee, near Long Lake, in the Town of Osceola. Single-family and rural residential land uses are predominate and become denser as WIS 67 heads north at Dundee and along Long Lake. This section also extends through the Kettle Moraine State Forest Northern Unit (Kettle Moraine) which remains heavily vegetated along WIS 67.

Proposed project activities along the fourth section consists of mill and overlay of the existing roadway surface to a depth of 2.5 inches. A new 4 inch asphaltic surface will be added. Roadway shoulders will be widened from 3 feet to 5 feet between US 45 and Dundee to accommodate bicycles. Slope grading will flatten steep slopes at several locations and curb and gutter, beam guard and culverts will be removed, repaired, or replaced where necessary. At the intersection of US 45, WIS 67 will be realigned to correct substandard geometry. Project activities at the intersection will include pavement obliteration, reconstruction of the road surface and subsurface and the realignment of 2 driveways. Reconstruction of the roadway is not expected to exceed a depth of 2 feet bgs and will be contained within the existing right-of-way.

C. General land use history of project corridor

1) Land Use

The predominant land use surrounding the project area is agricultural, although single-family, rural residential and woodland and forested lands are present, mainly in the north and east through the Kettle Moraine. Land use immediately adjacent to the corridor is predominantly agricultural and residential, except within the Village of Campbellsport and near Long Lake where it is more commercial and single-family residential, respectively. Some public/institutional uses exist within the Village.

2) Historic Land Use

Historic land uses along the project corridor resemble existing land uses. The majority of the corridor is dominated by agricultural uses and rural residential. Woodland and natural areas exist to the northeast in the Kettle Moraine. 1927 Sanborn Fire Insurance Maps for the Village of Campbellsport were reviewed online and are included in Appendix D. Plats from the 1893 Atlas of Fond du Lac County were reviewed for Campbellsport, New Cassel which is now the eastern end of Campbellsport, and Dundee. The physical development pattern evident in these plats has remained similar to today. No additional information regarding properties with potential hazardous materials concerns was found. Aerial photographs of the project area ranging from 1937 to present were reviewed.² The photographs show the gradual infill of development along this corridor, predominantly in Campbellsport and the unincorporated area along Long Lake in Dundee. Historic aerial photographs are not included in the appendix due to their scale. As-built plans from 1935, 1988, 1994 were also reviewed and are included in Appendix D.

D. General surficial hydrogeology of project corridor

1) Landscape

The project corridor is located within the Southeast Glacial Plains Ecological Landscape³. According to the WDNR, the dominant land forms consist of glacial till plains and moraines. The Kettle Moraine is an area of rough topography on the eastern side of the ecological landscape that marks the area between Green Bay and Lake Michigan. This ecological landscape contains the highest aquatic productivity for plants, insects, and fish in the state and is comprised of several clusters of large lakes, marshes, fens, sedge meadows, wet prairies and wetlands.

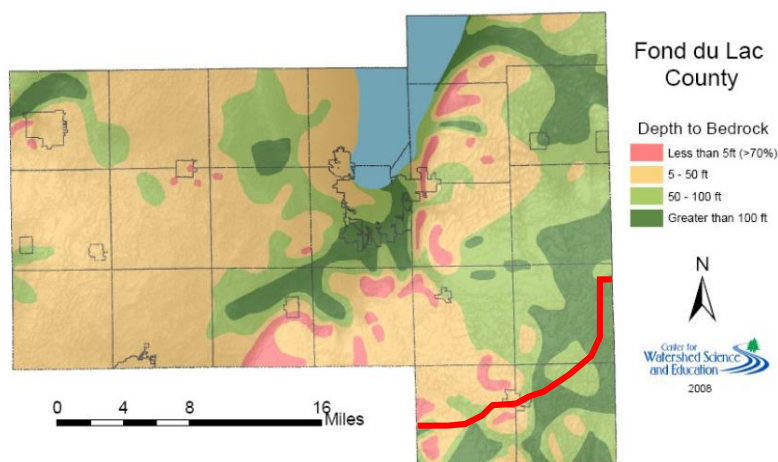


Figure 1: Source: Fond du Lac County Groundwater, A Community Resource. UW Extension, 2010

The terrain along WIS 67 is generally flat ranging between 1,000 to 1,100 feet above mean sea level. The lowest points are adjacent to the former Campbellsport Mill Pond (section 2) and the highest points are to the northwest in the Kettle Moraine (section 4). Depth to bedrock ranges from less than 5 feet to

² Fond du Lac County interactive Geographical Information System online. <http://gisweb.fdlco.wi.gov/fonddulacs/> (accessed 13 September 2013). Wisconsin Historic Aerial Image Finder. <http://maps.sco.wisc.edu/WHAIFinder/#>. (accessed 26 September 2013).

³ Wisconsin Department of Natural Resources, Southeast Glacial Plains Ecological Landscape <http://dnr.wi.gov/topic/landscapes/index.asp?mode=detail&Landscape=9>. (accessed 11 September 2013)

50 feet in the Village and west. East of the Village, depth to bedrock ranges between 50 and 100 feet or more.⁴ See Appendix E for USGS Topography Maps.

2) Hydrology

The project corridor is located within East – West Branch of the Milwaukee River Watershed which is one of six watersheds within the Milwaukee River Basin. The watershed covers 266 square miles and empties into the Milwaukee River which runs into Lake Michigan in Milwaukee. The project crosses three navigable waterways: Auburn Lake Creek, Milwaukee River, and Virgin Creek, and runs adjacent to Long Lake.

The headwaters for the Milwaukee River East Branch begin with Watercress Creek, a trout stream, in Sheboygan County.⁵ The Milwaukee River East Branch flows south, through Long Lake and the Campbellsport Mill Pond. Most of East Branch remains in a relatively natural, un-channelized condition. The West Branch Milwaukee River is located in the rolling glacial topography of Fond du Lac County. The river begins with wetlands and flows southeast through wetlands, crossing under WIS 67 near Canary Lane in section 1. This river has been greatly affected by channelization for agricultural purposes, especially in the headwaters. Nutrients and sediment from agricultural runoff and stream modification (channelization and dams) contribute to reduced water quality in both branches. The East and West Branches meet near the Village of Kewaskum, well south of the project area.

A total of 63 wetlands were delineated within the project area. Various wetland types were observed during these delineations and include shallow marsh, fresh (wet) meadows, shrub swamps, and riparian wetlands. Eleven wetlands have a riparian status, which indicates they are associated with a navigable water body. The Campbellsport Mill Pond, a former pond, now functions as one such wetland and lies directly adjacent to WIS 67 in section 2.

3) Soils

Bedrock in the project area is underlain by limestone and dolomite which is generally covered by a thick layer of glacial deposits.⁶ Soils types in Wisconsin are surveyed and recorded by the U.S. Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS).⁷ The presence of agriculture dominates the area surrounding the project corridor, outside and west of the Village of Campbellsport. As such, prime farmland soils are plentiful throughout the Town of Ashford.

⁴ Fond du Lac County Groundwater. A Community Resource. UW Extension, 2010. http://www.uwsp.edu/cnr-ap/watershed/Documents/fdl_gw.pdf. (accessed 21 November 2013).

⁵ Watershed – East and West Branches Milwaukee River (MI06), 2001. <http://dnr.wi.gov/water/watershedDetail.aspx?code=MI06&Name=East and West Branches Milwaukee River> (accessed 21 November 2013).

⁶ Wisconsin Department of Natural Resources, Southeast Glacial Plains Ecological Landscape. <http://dnr.wi.gov/topic/landscapes/index.asp?mode=detail&Landscape=9>. (accessed 11 September 2013)

⁷ National Resource Conservation Service Web Soil Survey. <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx> (accessed 12 September 2013).

The predominant soil associations in the Village of Campbellsport are the Theresa-Pella-Lamartine types. These are well drained to poorly drained, silty, moderately permeable soils underlain by calcareous loam and sandy loam till. This association is most commonly used as cropland. Lands east of the village (occupied by the Kettle Moraine) are Casco-Rodman. This association is well drained to excessively drained, loamy, moderately and rapidly permeable soils underlain by calcareous sandy and gravelly outwash or drift. The most common land use for the Casco-Rodman association is for woodland, wildlife or recreational purposes.⁸

A *Roadway Geotechnical Exploration Report* for WIS 67 prepared by Soils & Engineering Services, Inc. in August 2012 indicates 19 soil types are present along the WIS 67 project corridor. The names of the 19 soil types, and the relative amounts of the soil types present along the WIS 67 roadway, in decreasing order, are summarized below.⁹ See Appendix E for soils maps.

Table 1. Soils	
Soil Type Name	Relative Amount of Soil Type within Subject Length of WIS 67 (%)
Fox silt loam	31.2
Casco-Rodman loams	17.7
Theresa silt loam	9.9
Lonia silt loam	5.7
Pella silt loam	4.8
Virgil silt loam	4.8
Casco soils and Casco loams	5.8
Dodge silt loam	3.5
Hockheim soils and Hockheim loams	3.1
Alluvial Land	1.9
Lamartine silt loam	1.8
Juneau silt loam	1.7
Sebewa silt loam	1.7
Rodman gravelly loam	1.5
St. Charles silt loam	1.5
Brookston silt loam	1.0
Marsh	1.0
Houghton mucky peat	1.0
Mayville silt loam	0.4
Washtenaw silt loam	0.3

⁸ Village of Campbellsport Comprehensive Plan, 2006.

⁹ *Roadway Geotechnical Exploration Report* for WIS 67. Prepared by Soils & Engineering Services, Inc. August 29, 2012

3. Environmental Database Review and Interviews

A. Records Review Results

State and federal regulatory agency online databases were reviewed for potential hazardous materials contamination sites located within one-quarter mile of the project area. A brief discussion of the databases reviewed, sites, and activity type are outlined below. Sites may be identified in multiple database searches and can have more than one type of hazardous materials contamination or concern. Results from all databases reviewed are presented in Appendix F under each corresponding site.

WDNR Bureau for Remediation and Redevelopment Tracking System (BRRTS)

The WDNR Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW), part of the Contaminated Lands Environmental Action Network (CLEAN), is an online database providing information on properties with a likelihood of soil or groundwater contamination. Records from the BRRTS database identified 16 properties with known hazardous materials contamination, as shown in Table 2. Appendix F presents search results and copies of site investigation and remedial action reports.

Spills

Spills include a discharge of a hazardous substance that may adversely impact or threaten to impact public health or the environment. BRRTS identified five spill sites along the WIS 67 corridor.

Leaking underground storage tank (LUST) database

The WDNR and WDSPS have jurisdiction over LUST sites in the state and both agencies maintain records of reported LUST sites including site information, agency action, and contact information. A LUST site has contaminated soil and/or groundwater with petroleum, which includes toxic and cancer causing substances. BRRTS identified six LUST sites along the WIS 67 project corridor.

Environmental repair (ERP) database

ERP sites consist of sites with soil and/or groundwater contamination aside from LUST sites. Activities associated with ERP sites typically include industrial spills that warrant long-term investigation, buried containers of hazardous materials, and closed landfills with contamination. One ERP site was identified.

Other sites

BRRTS also includes some locations where an environmental investigation has found contamination with little or no impact to human health and the environment, or no contamination at all. These sites may be found under “Abandoned Containers”, “No Remediation and Redevelopment Action Required”, and

“General Property.”¹⁰ Records indicated three sites, all formerly containing USTs, and one General Property were identified along the WIS 67 project corridor. None of these sites requires action.

Table 2: Sites Located in WDNR BRRS Database**

Name	Location	BRRS Activity No.	WDSPS No.	Spill	LUST	ERP	Other	Status*
Site 3	W4343 WIS 67	03-20-001918	53010-2117-43		X			Closed
Site 5	N1311 Drumlin Drive	04-20-506452	N/A	X				Closed
Site 9	W3415 WIS 67	02-20-256258	N/A			X		Closed
Site 9	W3415 WIS 67	07-20-530067	N/A				X	General Property
Site 13	114 W. Sheboygan Street	03-20-001973	53010-0691-14		X			Closed
Site 14	259 N. Fond du Lac Avenue	03-20-096827	53010-9511-59		X			Closed
Site 17	WIS 67, E. Main Street & CTH V	04-20-544252	N/A	X				Closed
Site 22	177 E. Main Street (WIS 67)	09-20-295619	N/A				X	No RR Action Required
Site 27	(550) E. Main Street (WIS 67)	09-20-295618	N/A				X	No RR Action Required
Site 31	N2271 US 45	03-20-183944	53010-2927-71		X			Open
Site 32	US 45 & WIS 67 Intersection	04-20-552347	N/A	X				Closed
Site 36	N3006 WIS 67	03-20-106748	53010-1808-06		X			Closed
Site 37	631 WIS 67	09-20-294396	N/A				X	No RR Action Required
Site 42	N3235 WIS 67	03-20-002302	53010-1814-35		X			Closed
Site 43	W3310 WIS 67	04-20-543416	N/A	X				Closed
Site 47	North corner of Boy Scout Road & WIS 67	04-20-385250	N/A	X				Closed

* Status: Closed = completed cleanup, Open = ongoing cleanup

**Detailed site reports are presented in Appendix F.

¹⁰ General Property Information (GP): This activity type consists of records of various milestones related to liability exemptions, liability clarifications, and cleanup agreements that have been approved by WDNR to clarify the legal status of the property. <http://dnr.wi.gov/topic/Brownfields/Glossary.html>

DATCP Tank Registry¹¹

As of 2013, the Storage Tank registration Database, formerly maintained by the Wisconsin Department of Professional Services (DPS) and then the Wisconsin Department of Commerce (WDCOMM), is now maintained by DATCP. This database includes both USTs and ASTs that are required to be registered by Wisconsin State Statute. Some tanks, such as heating fuel tanks in the basement of homes are not required to be registered. The results of the database search returned more than 400 tanks located in the Village of Campbellsport, and Towns of Auburn, Ashford, and Osceola. Thirty-three of those results are immediately adjacent to the project area. Sites lacking sufficient address information or determined to be located outside the project area are not discussed in this report.

WDNR PECFA Database

Mead & Hunt also reviewed the Petroleum Environmental Cleanup Fund Award (PECFA) Database.¹² This database, maintained by the WDNR (previously maintained by the DPS), contains technical and financial information specifically regarding UST and AST sites currently in the PECFA program. A total of six USTs were identified adjacent to the project area. No ASTs were identified adjacent to the corridor. See Table 3 and Appendix F for search results.

Table 3: Sites Located in the PECFA Database*				
Name	Location	PECFA #	Tank Type	Closure Date
Site 3	W4343 WIS 67	53010211743	UST – monitoring	October 1, 2002
Site 13	114 W. Sheboygan Street	53010069114	UST – school	None provided
Site 14	259 N. Fond du Lac Avenue	53010951159	UST - monitoring	December 5, 2007
Site 31	N2271 US 45	53010292771	UST – monitoring	None provided
Site 36	N3006 WIS 67	5301080806	UST – monitoring	November 13, 1998
Site 42	N3235 WIS 67	53010181435	UST – private residence	None provided

Detailed site reports are presented in Appendix F.

Solid and Hazardous Waste Information System (SHWIMS) database

SHWIMS on the Web (SOTW) provides information on properties with facilities that are regulated by the WDNR waste management program. Activities include landfill operation, waste transportation, hazardous waste generation, wood burning, waste processing, sharps collection, and many more. A *facility* is located at a *site* and may either currently be, or previously have been, involved in one or more activities regulated by the waste management program. The database identified three operating facilities at three separate sites located within the proposed action area, as outlined in Table 4.¹³

¹¹ Storage Tank Database. http://apps.commerce.wi.gov/ER_Tanks/ER-EN-TankSearch.htm (accessed 13 September 2013).

¹² Wisconsin Department of Safety and Professional Services ERS Tracker on the Web. http://dsps.wi.gov/php/ERS_Tracker_on_web/ers_tracker_on_web.php?search4=4&search4V=campbellsport (accessed 20 September 2013).

¹³ WDNR SHWIMS on the Web. <http://dnr.wi.gov/sotw/BasicSearchAction.do> (accessed 23 September 2013)

Table 4: Sites located in the SHWIMS Database

Name	Location	FID	Status
Site 5	N1311 Drumlin Drive	420104960	Operating, Active & Inactive*
Site 18	113 E. Main Street	420129710	Operating, Active
Site 29	N1876 WIS 67	420129600	Operating, Active

* Both a Hazardous Waste (HW) Generator - Small (inactive) and a HW Generator - Very Small (active) exist under this facility name

Detailed site reports are presented in Appendix F.

WDNR Solid Waste Landfills

The WDNR maintains a database of solid waste landfills in Wisconsin. According to the WDNR, no 2013 licenses have been issued for Solid Waste Landfills or Solid Waste Storage / Processing (Non-Landfill) Facilities for operation in Fond du Lac County. In addition, there are no waste disposal sites in the proposed action area listed in the WDNR Historic Registry of Waste Disposal Sites.

Resource Conservation and Recovery Information System Generators (RCRIS) database

The RCRIS database, maintained by the EPA, houses information regarding hazardous waste handlers.¹⁴ As a rule, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to document their activities for state and federal EPAs in accordance with the Resource Conservation and Recovery Act (RCRA).

The RCRIS database identified sites within one-quarter mile of the corridor. Sites adjacent to the proposed project warranted further investigation. The first, Campbellsport Public Schools, located at 114 W. Sheboygan Street (WIS 67), has been identified as a handler of unspecified material and has been assigned RCRA No. WID100082361.

Old Ironsides, Inc. located at 1020 WIS 67, is the second site and has been identified as both a handler of unspecified material and an air facility system (AFS). The AFS contains compliance and permit data for stationary sources of air pollution regulated by the EPA, State, and other local agencies. This battery manufacturing facility has been assigned RCRA No. WID 006119861 and AIRS/AFS No. 5503900033. The third identified site, Serwe Implement Company, Inc. located at N1311 Drumlin Drive, is identified as a Conditionally Exempt Small Quantity Generator (CESQG), or a handler that produces less than 100kg of hazardous waste, or less than 1 kg of acutely hazardous waste, per calendar month. It has been assigned RCRA No. WID988597878.

¹⁴ United States Environmental Protection Agency, Envirofacts Search Results, http://iaspub.epa.gov/enviro/efsystemquery.rcrainfo?fac_search=primary_name&fac_value=&fac_search_type=Beginning+With&postal_code=&location_address=&add_search_type=Beginning+With&city_name=campbellsport&county_name=fond+du+lac&state_code=WI&naics_type=Equal+to+naics_to=&univ_search=0&univA=FULL_ENFORCEMENT&univB=LQG&LIBS=&proc_group=0&procname=&program_search=2&report=1&page_no=1&output_sql_switch=TRUE&database_type=RCRAINFO (accessed 23 September 2013).

Table 5: Sites located in the RCRIS Database

Name	Location	RCRA No.	Status
Site 13	114 W. Sheboygan Street	WID100082361	Handler
Site 9	1020 WIS 67	WID006119861	Handler, AFS
Site 5	N1311 Drumlin Drive	WID988597878	CESQG

U.S. Environmental Protection Agency CERCLIS Database

The EPA's Superfund Site Information System provides a public access database (CERCLIS) containing information on location, contaminants and cleanup actions taken on hazardous sites around the U.S. One site, Old Ironsides Battery (EPA ID: WISFN0507978), located at W3415 WIS 67, was identified in the CERCLIS database as a Superfund Site. This site is a Removal Only Site (No Site Assessment Work Needed) and was remediated in 2000 by the EPA and WDNR.¹⁵

B. Interviews

Mead & Hunt conducted interviews with the WDNR, DATCP, EPA, local Fire Departments, and local officials and residents to identify previously known hazardous materials contamination sites within or adjacent to the proposed project areas. Interview summaries are presented below and full memorandums of the interviews are included in specific site files in Appendix F as applicable, and general responses are included in Appendix G, general correspondence and interview memorandums which cover multiple properties.

On **January 14, 2013**, Mead & Hunt contacted Elizabeth Victor, WDNR Hydrogeologist and project manager for Site 31 Old Dutchmill, BRRS Number 03-20-183944, to obtain additional information about the BRRS activity. Ms. Victor provided information including a vapor intrusion letter, a copy of the 2006 Limited Site Investigation Report, and a map showing proposed monitor wells and soil boring for the next phase of investigation.

On **May 20-21, 2014**, Mead & Hunt learned from Ms. Victor and Joe Ramcheck of Endeavor Environmental Services that the investigative work on Site 31 would be completed in the summer of 2014.¹⁶ In order to protect monitoring wells during construction, one well location was moved from the westbound WIS 67 median at US 45 to across US 45 to the northwest.

On **September 13, 2013**, Mead & Hunt contacted Jennifer Norman, WDNR Program Specialist for the Bureaus of Waste & Materials Management and Remediation & Redevelopment to obtain additional information regarding Site 22 – BRRS Activity Number 09-20-295619, Site 27 – BRRS Activity Number 09-20-295618, and Site 37 – BRRS Activity Number 09-20-294396. Ms. Norman provided Site Summary Reports for all three sites.

¹⁵ Superfund Site Information. <http://www.epa.gov/superfund/sites/cursites/> (accessed 23 September 2013).

¹⁶ At the time of drafting this report, December 2014, monitoring wells had not been installed.

On **September 24, 2013**, Mead & Hunt spoke with Charles Gebien, On Scene Coordinator for Site 9. Mr. Gebien indicated that this site, both buildings and soil, had been remediated in 2000 and no harmful levels of lead contamination or other hazardous materials remained.

On **September 25, 2013**, Mead & Hunt contacted Matt Laack with DATCP to request a copy of their Site Assessment Search Results for Fond du Lac County to identify previously reported contamination issues under their jurisdiction. Mr. Laack provided a copy of the Site Assessment Search results for Fond du Lac County to Mead & Hunt on the same day. None of the sites listed on the search results were of concern to this report.

On **October 1, 2013**, Mead & Hunt contacted the Lomira, Campbellsport, and Eden Fire Departments to obtain information on known hazardous materials sites or operations. The Lomira Fire Department could not be reached for comment.

On **October 2, 2013**, Mead & Hunt spoke with Eden Fire Department Chief Tim Engel regarding potentially hazardous sites along the proposed project corridor. Chief Engel was not aware of any sites with hazardous materials concerns for the project.

On **November 20, 2013**, Mead & Hunt sent correspondence to Campbellsport Fire Chief Craig Olson requesting information on known potentially hazardous materials concerns within the Village and surrounding area. Chief Olson indicated that he is unaware of any known hazardous materials contamination sites within the Village of Campbellsport and surrounding area.

On **October 2, 2013**, Mead & Hunt contacted Jason Moeller, WDNR Project Manager to obtain additional information regarding four spill sites. Site 5 – BRRTS Activity Number 04-20-506452; Site 17 – BRRTS Activity Number 04-20-544252; Site 32 Spill – BRRTS Activity Number 04-20-552347; and Site 43: Hartman – Johnson/Boy Scout Road Spill – BRRTS Activity Number 04-20-385250. Mr. Moeller and Ms. Diane Hansen, WDNR R&R Program Associate provided Mead & Hunt additional information for the 4 requested spill sites.

On **October 7, 2013**, Mead & Hunt met with Ms. Lori Ann Curley of the WDNR in Madison to review the files for three sites. A Phase 2 Environmental Assessment of the WIS 67 corridor was included in the WDNR records for Site 3. A Phase 2 subsurface investigation was completed at this site in 1993. The site was identified during the Phase 1 investigation for the proposed widening of WIS 67 between US 41 and the Village of Campbellsport. The Phase 1 assessment found 5 sites along the corridor with potential environmental concerns and recommended a Phase 2 Environmental Assessment be conducted for those 5 sites.¹⁷ Three of the 5 sites from the Phase 2 are discussed in this report and include Sites 3, 14, and 18.

¹⁷ Site 5 identified in the Phase 2 report is not the site 5 discussed in this report. Site 5 in the Phase 2 report consisted of 2 borings taken in the WIS 67 right-of-way at stations 94+68 and 116+48. These were areas suspected of

The Phase 2 is included in this document as Appendix H. Mead & Hunt also acquired information from Ms. Victor regarding Sites 9, 36, and 42. Additional information reviewed is presented in *C. Identified Sites* below and included in Appendix F.

On **October 15, 2013**, Mead & Hunt received 2 BRRTS files from WDNR Waste and Materials Management Specialist Barti Oumarou. Files were requested for Sites 5 and 18.

On **November 22, 2013**, Mead & Hunt contacted the Fond du Lac County Planning and Parks Department to obtain information regarding the construction and maintenance of the Eisenbahn State Trail. The Eisenbahn State Trail, a former railroad corridor for the Chicago and North Western Railroad, crosses WIS 67 between Baumann Street and Barton Road in section 2.¹⁸ Fond du Lac County Planning and Parks Department Director Sam Tobias indicated that the trail was deeded to WDNR in 2003 and trail construction occurred in 2004 and 2005. Rails, ties, and other railroad related infrastructure was removed from the corridor during trail construction. Mr. Tobias did not know if rails were removed from the WIS 67 right-of-way, but believed that they would have been. The existing trail is surfaced with several inches of crushed limestone. Since the former railroad infrastructure is believed to have been removed when the trail was installed, the crossing has not been identified as a specific site in this report. Please see correspondence with Fond du Lac County in Appendix G.



Figure 2: Eisenbahn Trail crossing over WIS 67, Image: Mead & Hunt, 2014

On **June 11, 2014** Mead & Hunt spoke with both Andrea Adler at Campbellsport News (newspaper) and Mark Gruber, Campbellsport Department of Public Works Director and life-long Campbellsport resident regarding the Campbellsport News building, Site 16. Ms. Adler identified the site as a former gas station. She indicated that the current owner purchased the building in 2004 and a purchase agreement was signed confirming that all USTs has been previously removed from the property. Furthermore, Mr. Gruber indicated that when WIS 67 was last reconstructed in 1993 there were no issues with contamination at the property.

having environmental impacts, found during a subsurface geotechnical investigation for the WIS 67 project at that time. These station locations are west of Golden Corners Road and outside the scope of this current project. No contamination was found at either of these station locations. Site 4 in the Phase 2 report was located at N4305 WIS 67. Contamination was not found within right-of-way in front of this property. This site was not identified as an area of concern within this report.

¹⁸ TrailLink by Rails-to-Trails Conservancy. Eisenbahn State Trail. <http://www.traillink.com/trail/eisenbahn-state-trail.aspx> (accessed 22 November 2013).

C. Identified Sites

Fifty sites containing potentially hazardous materials concerns were identified along the WIS 67 corridor. Each of these sites is described in detail below and a recommendation is given for each site. All sites are identified by number, from west to east, and on the Hazardous Materials Sites Location Map provided in Appendix B.

The area north of Dundee contains a much denser development pattern consisting of single-family residences and cottages which are located tightly between WIS 67 and Long Lake. Many of these structures were built during the same time period and contain USTs or ASTs. Several Liquefied Petroleum Gas (LPG) (propane) fuel tanks, outhouses, “pumps”, “holding tanks”, and septic tanks were identified on as-built plans (provided in Appendix D) and during the field reconnaissance in this section of WIS 67. These items are not considered hazardous materials sites.¹⁹ Proposed project activities are not anticipated to impact any of these items, but if project activities change, the need for additional investigation should be reevaluated.

BEGIN PROJECT SECTION 1, ID 4090-07-00

SITE 1. Private residence, W4569 WIS 67

According to the DATCP storage tank database 1 UST holding 200 gallons of leaded gasoline and has been closed/removed as of May 1989. No incidents associated with this UST have been reported.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 2. St. Martin Parish, N1271, 1273, 1275 Minnie Lane²⁰

According to the DATCP storage tank database, 1 UST holding 1,000 gallons of fuel oil and has been closed/removed, date unknown. No incidents associated with this UST have been reported. 1 AST was also identified on the property during the field reconnaissance in June 2014. The AST is located adjacent to the parish house garage, more than 300 feet outside the WIS 67 right-of-way. St. Martin's Cemetery is also located on this property. Cemeteries carry potential contaminants like arsenic, which hardly, if ever degrade into a harmless by-products. However, like the AST, the cemetery is located more than 300 feet outside the WIS 67 ROW, adjacent to the parish.

¹⁹ Specifically, Liquefied Petroleum vaporizes to a gas if it is not under pressure so it does not pose a concern for contamination related to proposed project activities or construction. Outhouses are treated like septic systems.

²⁰ 1276 WIS 67 is the address of record for this site on the DATCP storage tank database. N1271, N1273, and N1275 Minnie Lane are all parcel addresses on record with Fond du Lac County for St. Martin Parish. N1275 Minnie Lane will be used throughout this document.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

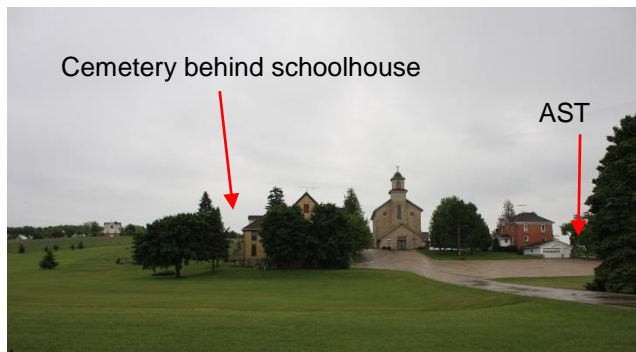


Figure 3: St. Martin's Parish Campus, Image: Mead & Hunt, 2014

SITE 3. Backhaus property (former gas station), W4343 WIS 67

According to the DATCP storage tank database, four USTs have been closed/removed at this site as of August 1988. All of the tanks were 300 gallons, three holding leaded gasoline and one unleaded gasoline.²¹

WDNR records identified this property as a LUST site indicating that soil on the property and in the WIS 67 right-of-way was contaminated with petroleum associated with the former gas station use. Although cleanup was approved and the WDNR closed the site in 2002, some contamination remains under a pavement cap adjacent to the right-of-way and continuing obligations are in place to maintain that cap. A map is provided in Appendix F.

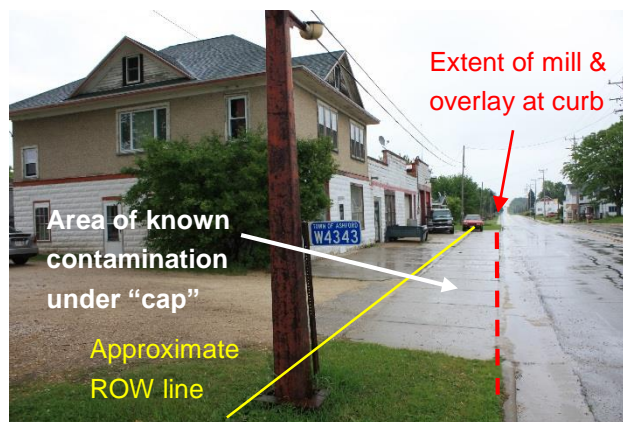


Figure 4: W4343 WIS 67, Image: Mead & Hunt, 2014

WDNR records indicate a Phase 2 Environmental Assessment was conducted in February 1993 (See Appendix H) prior to a reconstruction of WIS 67 in this area. The Phase 2 indicated 2 soil borings were taken in the existing right-of-way along WIS 67 adjacent to the site, to the depth of 7.5 and 11.5 feet bgs. No groundwater was encountered during drilling. Results indicated petroleum contamination exceeded WDNR environmental standards for reporting and remediation was present. Conclusions stated:

"We anticipate that this release will impact WIS 67 reconstruction because of the boring depth. The degree to which the soil contamination will impact the reconstruction is dependent upon what construction activities will be occurring in this area as well as the extent of contamination. Our recommendations likewise are dependent on construction activities in the area. If only resurfacing with little or no excavation work is planned for this area, we recommend that the DOT implement a

²¹ WDNR records show discrepancy between the size of the USTs ranging from 300 to 500 and 550 gallons.

contingency plan to properly monitor, handle and dispose of petroleum impacted soil during construction. If re-grading and/or utility work is planned for this area, we recommend that additional investigation be conducted to determine the extent and degree of contamination in the WIS 67 right-of-way."

In August 1998, the four USTs were removed from the site. Petroleum odors were encountered during UST removal and one soil sample collected at the time was below regulatory standards. No groundwater was encountered during UST removal.

In September 2002, a Remedial Site Investigation (RSI) was conducted on site to determine the general extent and degree of petroleum contamination from the former UST system. Seven soil borings were conducted during the RSI, drilled to a depth of 20 feet. No groundwater was encountered. A boring map is provided in Appendix F. Based on the results of the RSI, soil contamination was found to be isolated within the former UST area on the southwest of the building. The owner of the property planned to pave over the former UST area with concrete to provide a permanent barrier and additional parking area for the buyer who planned to use the site as an automotive service and repair facility. No testing was conducted in the WIS 67 right-of-way. In October 2002, WDCOMM issued a Conditional Case Closure requiring a soil deed restriction which indicated residual soil contamination existed on site to a depth between 2 and 16 feet and that the paved surface barrier on this site must remain until the soil is actively remediated or it can be proven that the soil has naturally degraded to acceptable levels.

Recommendation. Proposed mill and overlay activities are expected to be limited to the existing roadway footprint, ending at the flange of the curb, and ground disturbance is not expected to exceed a depth of 2.5 inches bgs immediately adjacent to the area of potential concern. The paved cement/asphalt parking area in front of this property is physically located within the WIS 67 right-of-way and petroleum contaminated soil ranging from 2 feet to 16 feet bgs exists under the parking area in front of the building. A deed restriction on the property requires that the existing concrete/asphalt surface barrier be maintained across the property until the soil is actively remediated or it can be proven that the soil has naturally degraded to levels shown to be protective of the environment and human health. Due to natural attenuation and the depth of proposed construction activities, construction activities are not expected to encounter contamination. Therefore, neither additional hazardous materials investigation nor special provisions are recommended.

On the far southwest corner of the property, the guardrail will be replaced and a culvert pipe will be extended. This will include grading to move the existing ditch point away from the roadway, resulting in excavation between 6 and 7 feet bgs. A small amount of TLE will be required for these activities. Based on the boring map required for case closure, contaminated soil is not known to exist in this location.

SITE 4. Private residence, W4332 WIS 67

One AST was identified at this property during the June 2014 field reconnaissance. The AST was located adjacent to the property's shed and located more than 300 feet south of the WIS 67 right-of-way.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. Construction activities are not expected to impact this property or the AST. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 5. Serwe Implement Company, Inc., N1311 Drumlin Drive

This site contains a farm implement repair company. According to WDNR records, a spill incident was reported at this location in 2003. The spill occurred in the northwest corner of the property approximately 30 feet east of Drumlin Drive and several hundred feet north of WIS 67. Approximately 10 gallons of diesel fuel from a combine was released into the surrounding soil. The method of cleanup was excavation, and the excavated soil was disposed of at the Glacier Ridge Landfill in Horicon. The site was closed in August 2003.

WDNR records also indicate that a facility at this site is currently involved and has previously been involved in one or more activities regulated by the WDNR waste management program. Activities may include waste transportation, hazardous waste generation, wood burning, or waste processing. There are no records of contamination related issues associated with these activities.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. Construction activities are not expected to impact this property. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 6. Private residence, W3653 WIS 67

According to the DATCP storage tank database, one UST holding 250 gallons of unleaded gasoline is in use at this site. No incidents associated with this UST have been reported.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 7. Private residence, W3645 WIS 67

According to the DATCP storage tank database, one UST holding 200 gallons of leaded gasoline is in use at this site. No incidents associated with this UST have been reported.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 8. Private residence/farm, W3543 WIS 67

Two ASTs were identified at this site during the June 2014 field reconnaissance. The ASTs are located approximately 150 feet north of the WIS 67 edge of pavement. The farm portion of the property does not appear to be in operation. No additional information is available.



Figure 5: W3542 WIS 67. Image: Mead & Hunt, 2014

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 9. Old Ironsides Battery, W3415 WIS 67

This site is currently home to West Bend Machine Works which provides manufacturing, deburring, and assembly services. This site was formerly home to a battery manufacturer and is listed in the EPA's Superfund Information System database. The EPA's Pollution Report indicates the site and main manufacturing building were remediated of acids, caustic liquids and lead as high as 61-percent in concentration, lead battery parts, asbestos bearing pipe insulation, and other debris in November 2000. The site was surveyed and sectioned into a 30 x 30



Figure 6: W3415 WIS 67, Image: Mead & Hunt, 2014

square foot investigation area for cleanup confirmation sampling. Each grid was excavated to a depth, as needed, to achieve less than 500 ppm total lead based on measurements of five random locations within each grid.²² Areas of excavation were between the building and WIS 67 and are mapped in the WDNR GIS Packet provided in Appendix F. Groundwater flow is shown to be to the northwest, away from WIS 67. A total of 1,750 cubic yards of clay was used to backfill all excavated areas to original grade and was compacted. Gravel roadways within the site were re-graded and topped with 272 tons of fresh gravel.

WDNR records identified this property as being included in the Environmental Repair Program (ERP). The WDNR GIS Registry packet indicates cleanup was approved but residual soil contamination exceeding industrial Site Relative Critical Loads (SRCL) remains under the building. Residual soil contamination exceeding the non-industrial SRCLs occupies a larger area outside the building footprint to the west. Continuing obligations to maintain the building footprint as a cap over the contamination remain. A deed restriction for the property was recorded in 2004 which indicates that if construction is proposed on the property that will require dewatering, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

Recommendation. Records are inconclusive whether or not lead contamination has migrated to the WIS 67 right-of-way and additional subsurface investigations within the WIS 67 right-of-way were never conducted near this site. WDNR Hydrogeologist Elizabeth Victor indicated that WisDOT may want to consider collecting soil samples from the right-of-way adjacent to this site to confirm the presence or absence of lead contaminated soil.

No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. Neither additional hazardous materials investigation nor special provisions are recommended.

²² 500 ppm is the Industrial Cleanup Standard for lead in soil and also a safe exposure amount.

SITE 10. Private residence/farm, W3315 WIS 67

One AST was identified on this property during the June 2014 field reconnaissance. The AST is located adjacent to the silo and over 100 feet south of WIS 67. The farm appeared to be in operation. No additional information is available.



Figure 7: W3315 WIS 67, Image: Mead & Hunt, 2014

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 11. Private residence, 1710 Beechnut Drive²³

According to the DATCP storage tank database, one UST holding 1,050 gallons of leaded gasoline is in use at this site. The exact location of the UST is unknown. The residence is located approximately 500 feet north of the WIS 67 right-of-way. No incidents associated with this UST have been reported.

Recommendation. One culvert located on the southwest corner of the property will be replaced and beam guard will be placed along WIS 67 near the culvert. Work will be conducted within the existing right-of-way. The roadway surface will be milled to a depth not expected to exceed 2.5 inches bgs and overlaid. Slope grading associated with proposed project activities will require TLE on the south of the property, extending up to 10 feet. The exact location of the UST is unknown, but based on the fact that the house is located more than 500 feet north of WIS 67 and the proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 12. Private residence, W2820 WIS 67

According to the DATCP storage tank database, one UST holding 300 gallons of unleaded gasoline was closed/removed from this site as of September 1999. No incidents associated with this UST have been reported.

²³ 1710 Beechnut Drive is the address listed in the DATCP storage tank database while N1743 Beechnut Drive is the address identified for the same property owner in the Fond du Lac County online GIS mapping service. 1710 is be used throughout this document.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

END PROJECT SECTION 1, ID 4090-07-00

BEGIN PROJECT SECTION 2, ID 4090-06-00

SITE 13. Campbellsport School District, 114 W Sheboygan Street

This property, containing the Campbellsport High School, is located at the northwest corner of the intersection of WIS 67 with County V, and County W. According to the DATCP storage tank database, one UST holding 10,000 gallons of fuel oil was closed/removed as of August 1990 and one UST holding 20,000 gallons of fuel oil has been closed/removed as of August 1993.

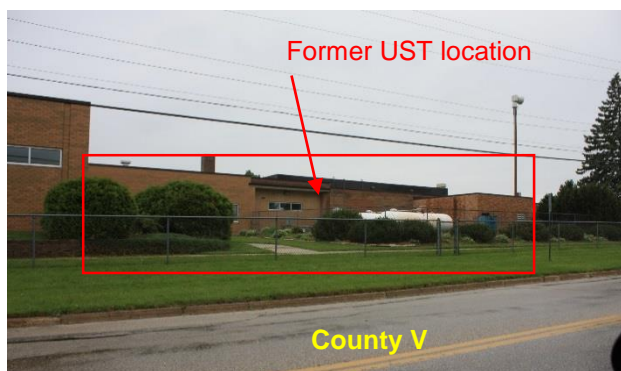


Figure 8: Campbellsport High School along County V, north of WIS 67. Image: Mead & Hunt, 2014

WDNR records indicate a LUST was reported in conjunction with the removal of the 20,000 gallon UST on August 11, 1993 and involved an unknown amount of soil contamination by petroleum. The location of the USTs was on County V, off the project corridor.²⁴ The report indicates visible staining was observed at the south end of the excavation at a depth of 16 feet bgs and 40 mg/kg Diesel Range Organics (DRO) was confirmed. A geoprobe investigation to define the vertical extent of the LUST impact and to get Petroleum Volatile Organic Compound (PVOC) information for the entire excavation site was conducted. A sample from approximately the same location as the previous hit had 37 mg/kg DRO at 16 feet and no detect for DRO at 18 feet. PVOCs were not detected in either sample. Geoprobe samples from the rest of the excavated area were no detect. The site was closed in March 1995.

Records also indicate this site is a handler of hazardous waste materials including arsenic acid, arsenic oxide or arsenic trioxide and potassium cyanide. No incidents associated with this activity have been reported.

²⁴ The excavation maps labeled the LUST as being adjacent to Sheboygan Street, but all other indications from the excavation map (building orientation with north arrow, driveway, and site labels), historic aerials, and the site reconnaissance suggest the LUST site as being adjacent to County V, not Sheboygan Street.

Recommendation. Proposed construction activities will reconstruct WIS 67 including replacement or relining of underground utilities. Reconstruction will include excavation within the N. Fond du Lac right-of-way to a depth up to 26 feet bgs. Strip acquisition of real estate will be required for the relocation of the existing sidewalk at the northeast quadrant of the intersection of N. Railroad Street and WIS 67. Additionally, areas of strip TLE will be required for slope grading associated with the reconstruction to tie into the adjacent sidewalk and grass area.

The exact location of the former USTs is expected to have been located along County V. Based on the proposed construction activities, this area is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 14. Campbellsport Mobil Mart (gas station), 259 N. Fond du Lac Avenue

According to the DATCP storage tank database, nine USTs are registered at this site.

- ~ UST holding 4,000 gallons of diesel is in use.
- ~ UST holding 8,000 gallons of unleaded gasoline is in use.
- ~ UST holding 20,000 gallons of unleaded gasoline is in use.
- ~ 2 USTs holding 10,000 gallons of unleaded gasoline have been closed/removed as of October 1999.
- ~ UST holding 4,000 gallons of unleaded gasoline has been closed/removed as of October 1999.
- ~ UST holding 1,000 gallons of kerosene has been closed/removed as of October 1999.
- ~ UST holding 4,000 gallons of diesel fuel has been closed/removed as of October 1999.
- ~ UST holding 1,000 gallons of fuel oil has been closed/removed as of July 1987.



Figure 9: View looking southeast at 259 N. Fond du Lac Avenue. Image: Mead & Hunt, 2014

WDNR records indicate soil and groundwater contamination was reported at this site in January 1996 from a LUST. This site is also listed on the WDNR's BOTW as having been closed on December 5, 2007, with continuing obligations. These obligations are discussed below.

The 1993 Phase 2 Assessment (See Appendix H) conducted for the WIS 67 roadway widening project indicated the presence of five USTs at this site. As part of this assessment, two soil borings were drilled, one in the Sheboygan Avenue right-of-way and the other in the N. Fond du Lac Avenue right-of-way, both to a depth of 6.5 feet. The groundwater table was not encountered in either boring. This assessment concluded that an apparent surface release had occurred and recommended that additional investigation be conducted

to determine the extent and degree of contamination in the WIS 67 right-of-way.

In January 1996, a pre-assessment was performed to determine if a release had occurred from the USTs at the site. This assessment concluded that petroleum impacts were present in soil beneath the eastern portion of the site adjacent to WIS 67 and recommended a subsurface investigation be conducted to determine the extent and character of potential soil and groundwater impacts from past and present petroleum USTs at the site.²⁵ In September 1996 and February 1997, 17 soil borings were drilled to depth up to 30 feet bgs on the site and 10 monitoring wells were installed. Based on soil samples and laboratory analyses, it was estimated that approximately 1,140 tons of unsaturated impacted soil existed beneath the northeastern corner of the property, coinciding with the former USTs located in this area, and existed from the surface to approximately 7 feet bgs. Similarly, soil impacts were determined to exist in the vicinity of the present UST system located southeast of the building from approximately 6 to 10 feet bgs.

In October 1999, 298 tons of petroleum impacted soil was excavated.²⁶ During excavation, a total of 8 soil samples were collected from the base and sidewalls of the excavation and submitted for laboratory analysis. A 6 inch diameter groundwater recovery sump was also installed within the excavation for groundwater monitoring. Impacted soil was determined to be present on the site. A review of historical water level data and the depth of the remaining impacted soil on-site indicates that most of the soil impacts are the result of impacted groundwater which already exists at the site. However, inaccessible unsaturated impacted soil is present at the site under the Fond du Lac Avenue right-of-way and under the station canopy and dispenser islands. These actions were documented in a 2000 report entitled "A Report on Corrective Action Results at the Shefond Oil Mobil Mart". Passive bioremediation is expected to degrade the petroleum constituents and it is believed that groundwater quality will steadily improve via natural attenuation. A groundwater sampling program was installed to evaluate the effectiveness of the remedial actions over time.

Between October 2001 and July 2003, groundwater samples were collected and evaluated on the site. Concentrations of PVOCs and MTBE were shown to have decreased or stabilized in all Well locations except Well 4 and Well 6 and Sump 1. Therefore, site closure was not appropriate during this time period and sampling continued. WDNR records indicate this sampling continued until 2007.

In February 2006, the cleanup contractor notified the Village of Campbellsport of the presence of residual petroleum hydrocarbon impacts within groundwater and soil located beneath N. Fond du Lac Avenue adjacent to the subject property. This notification indicates that soil contamination is estimated at 4 feet bgs and extends to approximately 7.9 feet bgs where the water table lies. Groundwater contamination is

²⁵ *A Subsurface Investigation and Remedial Alternative Analysis for the Campbellsport Mobil Mart*. Sigma Environmental Services. September 1997.

²⁶ Based on a letter and exhibits dated February 24, 1999 (Appendix F), it is assumed that the 5 USTs listed as closed/removed as of October 1999 in the DATCP database were removed prior to this excavation, but the exact date of removal cannot be confirmed.

described as being between 5.5 to 7.9 feet beneath N. Fond du Lac Avenue. The contaminant of concern is PVOs. The notification indicated that if future construction activities disturb soil or groundwater within the N. Fond du Lac Avenue right-of-way as described above, if future construction activities require dewatering, or if soil or groundwater are to be otherwise extracted in the vicinity of this area, they should be sampled and managed in compliance with applicable statutes and rules.

In May 2007, the environmental consultant submitted the *Case Summary and Close Out Form* and GIS Packet for this case to the WDCOMM. In September 2007, the WDCOMM issues a Conditional Case Closure indicating all monitoring wells must be abandoned. On December 5, 2007, the WDCOMM issued a Final Closure letter.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing N. Fond du Lac Avenue and W. Sheboygan Street rights-of-way. TLE will be needed to tie the new construction into the site. Residual PVO impacts in the soil and groundwater to a depth between 4 and 8 feet beneath N. Fond du Lac Avenue are known to exist. Therefore, a Phase 2.5 Subsurface Investigation and special provisions are recommended for this site.

SITE 15. Private residence, 138 N. Fond du Lac Avenue

According to the DATCP storage tank database, one UST holding 300 gallons of unleaded gasoline is registered and in use at this site. No incidents associated with this UST have been reported.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing right-of-way but are not expected to impact this property. Based on the residential land use, the UST is expected to be or have been outside the WIS 67 right-of-way. Therefore, neither additional hazardous materials investigation nor special provisions are recommended.

SITE 16. Campbellsport News, former gas station, 101 N. Fond du Lac Avenue

This site was formerly a gas station but is now home to the Campbellsport Newspaper. The Village has a record of UST removal from this property and during the 1993 WIS 67 reconstruction and at that time there were no issues related to hazardous materials contamination at this site. Records were indicated to be on file at the Village, but could not be obtained for this report.



Recommendation. Proposed construction activities are expected to reach a depth up to 26 bgs within the existing right-of-way but are expected to impact this property as a portion of the property's

landscaping and building are within the right-of-way. However, no real estate acquisition or TLE is anticipated. Based on an interview with the Campbellsport DPW Director, the former UST is expected to have been previously removed. However, because the location of the former UST is said to have been in the approximate location of the existing Campbellsport News sign within the existing right-of-way, but cannot be proven, a Phase 2 Subsurface Investigation to determination if contamination is actually present is recommended. Special provisions are also warranted incase contamination is encountered.

SITE 17. Spill, Celadon Trucking Service, WIS 67 and County V

According to WDNR records, potential surface water contamination occurred as a result of a truck fuel tank leaking approximately 50 gallons of diesel fuel into a nearby storm sewer drain. A tractor-trailer was traveling on E. Main Street when the vehicle struck an object in the roadway. The impact breached one of the saddle fuel tanks, which released diesel fuel onto the roadway. A portion of the release migrated to a nearby storm drain leading to the Milwaukee River.

A granular absorbent was placed on the roadway to contain the spill and all storm sewers along E. Main Street were checked for evidence of diesel fuel. A sewer vacuum was used to recover the fuel found in the sewer. An absorbent boom was deployed at the discharge point of the sewer and a boom curtain was deployed in the Milwaukee River to remove any remaining residue. One hundred and fifty gallons of diesel-impacted water and nine, 55-gallon drums of diesel-impacted absorbents was disposed of at the Onyx Environmental Services in Menomonee Falls. The spill site was closed in 2005 and no further corrective actions were deemed necessary.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing right-of-way and utilities will be replaced. Because remediation of this site was closed in 2005 and no further corrective action was deemed necessary, neither additional hazardous materials investigation nor special provisions are recommended.

SITE 18. Serwe GMC Buick Chevrolet Dealer, 113 E. Main Street

According to the DATCP storage tank database, four USTs, each 550 gallons, were closed/removed from this site as of December 1989. Three of the four USTs contained leaded gasoline and the other contained unleaded gasoline. A Phase 1 Site Assessment was completed in 1991 which indicated that no soil or groundwater testing was completed when the tanks were removed but recommended a Phase 2 be conducted. In 1993, a Phase 2 assessment (see Appendix H) was conducted. Two borings were advanced to a depth of 6.5 feet in the right-of-way on the north of the existing building.



Figure 10: 113 E. Main Street. This property adjoins 105 E. Main Street and is also accessed off County V south of WIS 67. Image: Mead & Hunt, 2014

Two soil samples had slightly elevated PID readings and the remaining samples had no PID meter reading. None of the soil samples that were sent for analytical testing detected TPH. The groundwater table was not encountered during drilling operations. Based on the information available, the report states the right-of-way adjacent to this site did not exhibit contamination concerns. According to an interview with Campbellsport DPW, no issues with regard to hazardous materials contamination were recorded when WIS 67 was previously reconstructed in 1993.

WDNR SHWIMS records also indicate that a facility at this site is currently involved in one or more hazardous waste generator activities regulated by the WDNR waste management program. Activities include waste oil and antifreeze transportation and/or generation related to the automobile dealership. Neither additional hazardous materials investigation nor special provisions are recommended.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing right-of-way and are not expected to impact this property. The site reconnaissance identified the location of the former pump island on the north of the building between the building and right-of-way, but based on the 1993 Phase 2, no soil or groundwater contamination concerns are expected. However, there is no evidence of removal of the previously identified gas tanks on the 1927 Sanborns. Therefore, additional evaluation during design is recommended.

SITE 19. Ben Franklin/True Value, former auto garage, 131 E. Main Street

According to the 1927 Sanborn Fire Insurance Map (Sanborn Map), two gas tanks were located on the parcel and to the west of the garage structure. No WDNR or DATCP records exist in regard to the tanks and there was no visual evidence of tanks during the June 2014 field reconnaissance. According to an interview with Campbellsport DPW, no issues with regard to hazardous materials contamination were recorded when WIS 67 was previously reconstructed in 1993. No additional information is available.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing right-of-way and are not expected to impact this property. Based on information from the Campbellsport DPW and subsequent construction projects, neither additional hazardous materials investigation nor special provisions are recommended.

SITE 20. Right-of-way adjacent to 139 and 146 E. Main Street

According to the 1927 Sanborn Fire Insurance Map, three gas tanks were identified in the right-of-way (on the Sanborn Maps) adjacent to both 139 and 146 E. Main Street. On the north of WIS 67, one gas tank was associated with a store. On the south of WIS 67, two gas tanks were associated with an auto repair shop. There was no visual evidence of tanks in this location during the June 2014 site reconnaissance. No records of tanks exist within WDNR or DATCP tank databases. No additional information is available.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing right-of-way and are not expected to impact this property. There is no evidence of removal of the previously identified gas tanks on the 1927 Sanborns. Therefore, additional evaluation during design is recommended.

SITE 21. Apartment building, 149 E. Main Street

According to the DATCP storage tank database, one UST holding 1,000 gallons of fuel oil is in use at this site. No incidents associated with this UST have been reported.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing right-of-way but are not expected to impact this property. Based on the residential land use, the UST is expected to be or have been outside the WIS 67 right-of-way. Therefore, neither additional hazardous materials investigation nor special provisions are recommended.



Figure 11: 149 E. Main Street. Image: Mead & Hunt, 2014

SITE 22. Campbellsport Village Hall and Police Station (former Firehouse), 177 E. Main Street

According to the DATCP storage tank database, three USTs have been closed/removed from this site.

- ~ UST holding 550 gallons of diesel was closed/removed as of August 1993.
- ~ UST holding 200 gallons of diesel was removed as of April 1992.
- ~ UST holding 1,000 gallons of fuel oil was removed as of April 1992.

A Site Assessment report provided by the WDNR indicates that one 1,000 gallon UST was located on Poplar Street approximately 50 feet to the south of WIS 67 right-of-way and was 3 feet bgs.

Subsurface soils did not exhibit visual petroleum staining and groundwater was not encountered with excavation. No additional information on the location of the other two USTs is available.



Figure 12: Campbellsport Village Hall viewed looking north towards WIS 67 from Poplar Street. Image: Mead & Hunt, 2014

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing right-of-way but are not expected to impact this property. Based on the previous WDNR Site Assessment report the location of one former UST is known and is not expected to be encountered. While two other USTs were reported at this site, based on information from the Campbellsport DPW and subsequent construction projects, and no record of contamination known to exist, neither additional hazardous materials investigation nor special provisions are recommended.

SITE 23. Private residence, 230 E. Main Street

According to the DATCP storage tank database, one UST holding 250 gallons of leaded gasoline has been closed/removed from the site as of July 1986. No incidents associated with this UST have been reported.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing right-of-way but are not expected to impact this property. Based on the residential land use, the UST is expected to be or have been outside the WIS 67 right-of-way. Therefore, neither additional hazardous materials investigation nor special provisions are recommended.

SITE 24. St. Matthews Church, 419 Mill Street

According to the DATCP storage tank database, two USTs holding fuel oil have been closed/removed at this site. One UST, holding 8,000 gallons has been closed/removed as of August 1990 and the other, 300 gallon UST, has been closed/removed as of October 1995. The exact location of the USTs is unknown. No incidents associated with these USTs have been reported.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing ROW but are not expected to impact this property. Based on the large grass area in front of this property, the topography, and the use as a church, the USTs, are expected to be or have been located outside the WIS 67 right-of-way. Therefore, neither additional hazardous materials investigation nor special provisions are recommended.



Figure 13: View of St. Matthews Church looking northwest across WIS 67. The church is bordered by WIS 67 on the south, Helena Street on the west, and Mill Street on the north. Image: Mead & Hunt, 2014

SITE 25. B's Bells & Bootcamps, 511 E. Main Street

According to the 1927 Sanborn Fire Insurance Maps, one gas tank associated with a former auto oriented business was located in the right-of-way north of but adjacent to this property. The site is currently used as a gym and fitness business. According to the Campbellsport DPW, no issues related to hazardous materials contamination were recorded during the previous WIS 67 reconstruction in 1993. No additional information is available.



Figure 14: According to the 1927 Sanborns, one gas tank formerly existed in the right-of-way adjacent to this property. Image: Mead & Hunt, 2014

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing ROW. There is no evidence of removal of the previously identified gas tanks on the 1927 Sanborns. Therefore, additional evaluation during design is recommended.

SITE 26. GTE North/Verizon North Inc., 524 – 526 E. Main Street

According to the DATCP storage tank database two ASTs and two USTs are registered at this site. No incidents associated with these tanks have been reported.



Figure 15: View of 524-526 E. Main Street looking northwest. Image: Mead & Hunt, 2014

- ~ AST holding 200 gallons of diesel has been closed/removed as of January 2000.
- ~ AST holding 300 gallons of diesel is in use.
- ~ UST holding 550 gallons of fuel oil has been closed/removed as of December 1987.
- ~ UST holding 285 gallons of diesel has been closed/removed as of November 1994.

According to the 1927 Sanborn Fire Insurance Maps, one gas tank existed within the right-of-way (Sanborn Map) adjacent to this property. The gas tank was formerly associated with an auto repair business that was operated on this site. No additional information is available.

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing ROW but are not expected to impact this property. There is no evidence of removal of the previously identified gas tanks on the 1927 Sanborns. Therefore, additional evaluation during design is recommended.

SITE 27. Campbellsport Main Lift Station, 550 E. Main Street

According to the DATCP storage tank database, one AST holding 250 gallons of diesel is in use at this site. WDNR records indicate that one UST holding 550 gallons of diesel has been closed/removed as of August 1993. The UST was excavated to a depth of 5.5 feet and backfilled with tan sand and native brown silty clay soil. Subsurface soils did not exhibit visual or olfactory signs of petroleum contamination and groundwater was not encountered during the excavation. Soil samples collected at this site were below the WDNR remedial action limits. This tank was disposed of in the City of Fond du Lac.



Figure 16: The Lift Station is east of the Campbellsport Fire Department. Image: Mead & Hunt, 2014

Recommendation. Proposed construction activities are expected to reach a depth up to 26 feet bgs within the existing ROW but some minor strip TLE is anticipated for slope grading into the adjacent grass area. Based on the location of the lift station building, the UST is expected to be or have been outside the WIS 67 right-of-way. Therefore, neither additional hazardous materials investigation nor special provisions are recommended.

SITE 28. WIS 67 bridge over Milwaukee River, B-20-0032

A Bridge Asbestos Inspection Report was conducted for the WIS 67 bridge over the Milwaukee River to identify and collect samples of potential asbestos containing material (ACM). According to the report the gaskets located underneath where the bridge railing support plates attach to the concrete parapet tested positive for asbestos greater than 1-percent and the bridge is therefore regulated ACM. Please see Asbestos Report in Site 28 materials included in Appendix F.

Recommendation. Proposed project activities include a mill and overlay of the existing bridge surface to a depth of 2.5 inches and additional work related to surface repair. According to the asbestos report, if the ACM will be disturbed during construction, the ACM must be removed prior to construction. Special provision 203-005 should be incorporated into the specifications. If the ACM will not be disturbed, STSP 107-120 should be included in the specifications.

END PROJECT SECTION 2, ID 4090-06-00

BEGIN PROJECT SECTION 3, ID 4090-05-00

SITE 29. Wagon Wheel Auto & Truck, N1876 WIS 67

This site is currently used as a private residence and small business which sells wood. According to the DATCP storage tank database, one UST holding 150 gallons of leaded gasoline is in use at this site. WDNR SHWIMS records also indicate that this site is a very small generator of hazardous waste and is active and operating. There are no records of contamination related issues associated with this site.

Recommendation. Strip acquisition of real estate and a limited amount of TLE on the south of this site adjacent to WIS 67 will be required at northeast of this property for the replacement of existing beam guard. Proposed project activities include a mill and overlay of the roadway surface which is not expected to exceed a depth of 2.5 inches bgs. Slope grading will be extended toward the property and an existing beam guard will be replaced in-kind. The exact location of the UST is unknown, but based on the proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 30. Private residence/farm, N2046 WIS 67

This site is currently used as a private residence. There is also a large farm operation at the property. According to the DATCP storage tank database, one UST holding 550 gallons of leaded gasoline has been closed/removed as of March 1992. No incidents associated with this UST have been reported.



Figure 17: N2046 WIS 67. Image: Mead & Hunt, 2014

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

END PROJECT SECTION 3, ID 4090-05-00

BEGIN PROJECT SECTION 4, ID 4530-06-00

SITE 31. Old Dutchmill, private residence (former gas station/tavern), N2271 US Highway 45

This site is currently a private residence but was formerly a gas station. According to the DATCP storage tank database, one UST holding 500 gallons of leaded gasoline was closed/removed as of the early 1990's. WDNR records indicate this site contains soil and groundwater contamination caused by leaded



Figure 18: View of N2271 US 45 looking east. Image: Mead & Hunt, 2014

and unleaded gasoline from a LUST. The site is currently open. Correspondence with WDNR Hydrogeologist Elizabeth Victor indicated that a private contractor has been hired to complete a soil and groundwater investigation to gain an understanding of the extent of contamination.

Records obtained from the WDNR indicate that in August 2006, a limited site assessment (LSA) conducted at

the property identified significant soil and groundwater contamination above NR 140 ES. PVOC's and/or polycyclic aromatic hydrocarbons (PAHs) were detected at 7 of the 8 temporary well locations during groundwater sampling. The depth to water ranges from approximately 5 to 12 feet bgs. Soil samples also indicated the presence of GROs, DROs, PVOCs, PAH, and lead concentrations exceeding remedial action limits. Based on existing information, it is likely that contaminated soil and/or groundwater is present within the WIS 67 ROW.

Recommendation. WIS 67 will be realigned to form "T" intersections with US 45. Proposed construction activities for the realignment of this intersection will occur on both the west and east of US 45. East of US 45, WIS 67 will be realigned further north and a new driveway will be constructed for the residential property. Obliteration of the existing roadway where the new alignment will not overlap the existing alignment will require excavation to a depth of 6 inches bgs. Excavation for the new residential driveway will be up to 4 inches bgs, as required to place new aggregate. Excavation required for the realignment of the new WIS 67 roadway and base, where the existing roadway alignment overlaps, will be up to 2 feet bgs. Contamination is not known to exist, nor is it expected to be encountered, west of US 45 where construction activities are proposed.

An additional site investigation is pending at this time. Based on the location of known contamination on the property and adjacent to the WIS 67 ROW, an additional Phase 3 is recommended for this site.

SITE 32. Spill, intersection of WIS 67 and US Highway 45

According to WDNR records, a traffic accident occurred at this site in 2008 resulting in approximately 50 gallons of hydraulic oil, 20 gallons of gasoline, and 10 gallons of engine oil being released onto the pavement. The liquids migrated into a ditch and storm sewer on the northeast corner of the intersection. Liquid on the pavement were contained with "floor dry" and disposed of in 13, 55-gallon drums which were disposed of at Veolia ES Technical Solutions in Menomonee Falls.

Hydraulic oil was observed floating on standing water in the ditch. Absorbent pads and booms were placed in the ditch to contain and absorb any free-standing hydraulic oil. The contaminated sediment in the storm sewer line was removed with the use of a vacuum truck and flushed several times until no hydraulic oil was observed in the line. A section of absorbent boom was placed inside the storm sewer line to contain and absorb any residual contamination. 400 gallons of hydraulic oil and water was disposed of at Chemworks in Milwaukee. All booms were rechecked and replaced for three subsequent weeks until no additional contamination was observed following significant rain events.

The Incident Response Report indicates the spill was well contained at the site and remediated. The WDNR closed the incident on September 18, 2008. There are no continuing obligations associated with this site.

Recommendation. Proposed construction activities will include the realignment of WIS 67 with US 45. The roadway will be saw cut to a depth of 2 feet bgs to match the realignment of the newly constructed WIS 67 approaches. Where the old WIS 67 approach will be obliterated, excavation will occur to 6 inches bgs and be graded to match the existing side slopes. No new right-of-way will be acquired from adjacent properties. Previous contamination within the right-of-way was remediated in 2008 and no residual contamination is known to remain. It is expected that residual contamination would be passively remediated through natural attenuation. Therefore, neither additional hazardous materials investigation nor special provisions are recommended.

SITE 33. Private residence/farm, N2401 County Road SS

This site is currently used as a private residence and farm. According to the DATCP storage tank database, one UST holding 400 gallons of leaded gasoline has been closed/removed from the site as of September 2011. No incidents associated with this UST have been reported.



Figure 19: View looking north from WIS 67. Image: Mead & Hunt, 2014

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the proposed activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 34. Private residence, N2677 WIS 67

This site is currently used as a private residence. According to the DATCP storage tank database, one UST holding 300 gallons of unleaded gasoline and one UST holding 300 gallons of fuel oil have been closed/removed from the site as of October 1997. No incidents associated with this site have been reported.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 35. Ice Age Trail Visitor Center, N2875 WIS 67

This site contains the Ice Age Trail Visitor Center which is setback from WIS 67 more than 100 feet. According to the DATCP storage tank database, one UST holding 4,000 gallons of fuel oil has been closed/removed from the site as of July 1999. No incidents associated with this UST have been reported.

Recommendation. A TLE will be used for slope grading where curb and gutter will be removed adjacent to the northern limit of this property. Curb and gutter will be excavated to a depth of 1 foot bgs and relocated to widen the shoulder 2 feet. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 36. Dins Garage & Mini Mart (gas station), N3006 WIS 67

This site is currently a gas station with a single dispenser island and includes a residence, mini mart, and garage area. According to WDNR records, two unleaded gasoline USTs were removed from an area between the garage and WIS 67 in approximately 1977. According to the DATCP storage tank database, there are six registered USTs at this site.

- ~ UST holding 6,000 gallons of unleaded gasoline is currently in use.
- ~ UST holding 12,000 gallons of unleaded gasoline is currently in use.
- ~ UST holding 4,000 gallons of diesel is currently in use.
- ~ UST holding 10,000 gallons of unleaded gasoline has been closed/removed as of May 1998.
- ~ UST holding 6,000 gallons of unleaded gasoline has been closed/removed as of May 1998.
- ~ UST holding 2,000 gallons of kerosene has been closed/removed as of May 1998.

The current “tank farm” is located approximately 50 feet east of the dispenser island, just east of the garage. In May 1996, petroleum contamination was found in a soil sample obtained at a depth of approximately 1 foot beneath the gasoline and diesel dispensers. Further investigation was conducted in December 1996 in which 7 soil borings were drilled to a depth of approximately 5 to 7 feet at several locations on the property. Only one boring was performed down gradient of the dispenser island and WisDOT regulations did not allow drilling within the WIS 67 right-of-way. No petroleum contamination in the area surrounding the dispenser island or down gradient of the island was found. Groundwater was approximately 14 to 16 feet bgs and flowed toward the south. See Appendix F for a boring and monitoring well location map.



Figure 20: N3006 WIS 67. Image: Mead & Hunt, 2014

Contaminated soils were removed from beneath the dispenser island during system upgrades in the fall of 1997. In May 1998, a Tank Closure Assessment was performed for the removal of three of the four remaining USTs. The 4,000 gallon diesel fuel tank was left in place and two new fiberglass unleaded gasoline tanks were placed in the same area of excavation. Soil samples from the excavation bottom were collected and no GRO or PVOC soil contamination above NR 720 standards was found. The activity was closed in November 1998 with no continuing obligations. Based on WDNR records, there are currently three USTs in use at this site. One LPG tank also exists above ground at this property.

Recommendation. Proposed construction activities will include removal of pavement and base to a depth not expected to exceed 18 inches bgs and the installation of a double sided curb in front of the property to limit access to the site. Temporary Limited Easement is expected to be required for construction activities. There is no evidence of contamination within or immediately adjacent to the existing right-of-way, however, because of the nature of the property's use as a gas station, special provisions are recommended in case contamination is encountered beyond the right-of-way.

SITE 37. Majesky Property (former gas station), N3076 WIS 67²⁷



Figure 21: View of N3076 WIS 67 looking west. The former USTs were located approximately where the orange truck currently sits.

According to the DATCP storage tank database, three USTs are registered at this site. All three USTs, ranging from 300, 550, and 2,000 gallons, contained unleaded gasoline and have been closed/removed as of May 1990. A final closure report obtained from the WDNR indicates all three tanks were excavated and disposed of in West Allis, Wisconsin. The tanks were shown to be located between the house and garage and setback from WIS 67 approximately 25 feet from the edge of the southbound travel lane, or the same distance as the house. None of the soil samples indicated the presence of contamination and no additional investigation was recommended at that time.

Recommendation. Proposed construction activities will include a mill and overlay of the existing travel

²⁷ The WDNR and DATCP Storage Tank Database use the historic Dundee address of 631 WIS 67 when this property operated as a gas station and garage. Fond du Lac County records this parcel as N3076 WIS 67, which is what will be used throughout this document.

lanes and excavation of pavement within the right-of-way adjacent to the site. Ground disturbance is not expected to exceed a depth of 18 inches bgs. Temporary Limited Easement is expected to be required for construction activities. There is no evidence of contamination within or immediately adjacent to the existing right-of-way, however, because of the nature of the property's former and current use as a gas station and garage, special provisions are recommended incase contamination is encountered beyond the right-of-way.

SITE 38. Private residence, N3104 WIS 67

According to the DATCP storage tank database, one UST holding 100 gallons of unleaded gasoline has been closed/removed from this site as of January 2002. No incidents associated with this UST have been reported.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 39. Mike Lavey Plumbing & Heating, N3180 WIS 67

One AST was identified at this site during the June 2014 site reconnaissance. The site is home to a plumbing and heating business which appeared to be in operation. The AST is located approximately 75 feet uphill from the WIS 67 edge of pavement adjacent to the attached garage. No additional information is available.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs.

Neither additional hazardous materials investigation nor special provisions are recommended.



Figure 22: View looking west from WIS 67. The AST is adjacent to the north side of the building. Image: Mead & Hunt, 2014

SITE 40. Private residence (mobile home), N3201 WIS 67

One AST holding approximately 50 gallons was identified on the north side of the mobile home occupying this property during the June 2014 field reconnaissance. The AST was located approximately 75 feet east and downhill of the WIS 67 edge of pavement and approximately 75 feet west of Long Lake. No incidents associated with this property have been reported. No additional information is available.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 41. Private residence, N3207 WIS 67

According to the DATCP storage tank database, one UST holding 500 gallons of unleaded gasoline has been closed/removed from this site as of October 1997. No incidents associated with this UST have been reported.

Recommendation. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. A minor amount of strip TLE along WIS 67 is necessary for slope grading along the western property line. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 42. Private residence, N3235 WIS 67

According to the DATCP storage tank database, one UST holding 300 gallons of fuel oil has been closed/removed from this site as of April 1994. Records obtained from the WDNR indicate that in April 1994, a 550 gallon UST holding fuel oil was removed from the site but a release had occurred.²⁸ An investigation was performed in May/June 1994 and the extent of soil contamination was determined to exist on the rear of house, between the house and Long Lake; more than 100 feet west of the WIS 67 edge of pavement. Over excavation/landfilling was the chosen remedial action. Groundwater was sampled and monitoring wells were installed in all borings. Benzene was detected above WDNR standards and sump pumping and Granular activated carbon (GAC) treatment was chosen as the groundwater remedial action. In October 1994, approximately 75 yards of contaminated soil was excavated and disposed of at Hechimovich Sanitary Landfill in Horicon. WDNR records indicate that groundwater contamination was cleaned up to below PAL in all cases. This site is listed in BRRTS as a LUST site but was closed in April 1995 with no continuing obligations.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. There is no evidence of contamination within or adjacent to WIS 67. Therefore, neither additional hazardous materials investigation nor special provisions are warranted.

²⁸ The discrepancy from 300 gallon tank in DATCP records is unknown.

SITE 43. Spill, N3310 WIS 67

According to WDNR records, a spill of approximately 10 gallons of gasoline and oil resulted from a rollover traffic accident occurring near this address. The exact location could not be determined by WDNR records. The gasoline and oil was seen in a roadside ditch on the west side of WIS 67 and was remediated by the WDNR and a hired contractor to prevent potential contamination of nearby Long Lake. Down absorbent pads were placed in the ditch to contain the spill. This site activity was closed in March 2005 and natural attenuation is expected to remediate any residual contamination.

Recommendation. Proposed construction activities will be limited to a mill and overlay of the existing roadway surface and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. Previous contamination within the right-of-way was remediated in 2005 and no residual contamination associated with this incident is known to exist. Based on the proposed project activities and natural attenuation of possible residual contamination, neither additional hazardous materials investigation nor special provisions are warranted.

SITE 44. Private residence, N3504 WIS 67

According to the DATCP storage tank database, one UST holding 150 gallons of leaded gasoline has been closed/removed from this site as of June 1994. No incidents associated with this UST have been reported.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 45. Branson's Century Camping, N3844 WIS 67

According to the DATCP storage tank database, this site contains three registered USTs.

- ~ UST holding 325 gallons of leaded gasoline is currently in use.
- ~ Two USTs each holding 325 gallons of fuel oil have been closed/removed as of November 1998.

No incidents associated with this site have been reported.

Recommendation. No real estate or easements will be acquired from this property.

Proposed mill and overlay activities will be limited to the existing roadway footprint and ground



Figure 23: View of the main buildings at campground. Campers continue to the right, or north, of the image. Image: Mead & Hunt, 2014

disturbance is not expected to exceed a depth of 2.5 inches bgs. Beam guard will be removed adjacent to the property and curb and gutter will be placed. Excavation for construction of the curb and gutter is not expected to exceed 1 foot bgs. The exact locations of the USTs is unknown, but based on the proposed activities, they are not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 46. Private residence, N4085 WIS 67

According to the DATCP storage tank database, two USTs are registered at this site. One UST holds 500 gallons of fuel oil and is in use. One UST holds 300 gallons of unleaded gasoline and is in use. No incidents associated with this site have been reported.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 47. Spill, intersection of WIS 67 and Boy Scout Road

WDNR records indicate that potential soil contamination resulted from a traffic accident at this location in which approximately 15 to 25 gallons of diesel fuel was spilled when a Track Excavator fell off a trailer while being transported. The spill occurred 100 feet south of Boy Scout Road on the east side of WIS 67. The incident response report indicates that the majority of diesel fuel was absorbed into the gravel shoulder and grass bank. A contractor was hired to remove the remaining fuel from the roadway and excavate the area of contamination along the shoulder and road bank. A closure sample collected from the base of the excavation (depth unknown) indicated that the area had been effectively remediated. Three 55-gallon drums of contaminated soil was disposed of at the Glacier Ridge Landfill in Horicon and the spill site was closed in 2001 with no continuing obligations.

Recommendation. Proposed construction activities will be limited to a mill and overlay within the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. A minor amount of strip TLE from adjacent properties will be required to flatten the existing slope in the ditch to the east of WIS 67. Previous contamination within the ROW was remediated in 2001 and no residual contamination associated with this incident is known to exist. Therefore, neither additional hazardous materials investigation nor special provisions are warranted.

SITE 48. Private residence, N4275 WIS 67

According to the DATCP storage tank database, this site contains four registered USTs.

- ~ UST holding 1,000 gallons of diesel has been closed/removed as of October 1989.
- ~ UST holding 325 gallons of leaded gasoline has been closed/removed as of July 1987.
- ~ UST holding 500 gallons of fuel oil has been closed but not removed as of August 2005.
- ~ UST holding 325 gallons of fuel oil is in use.

No incidents associated with this site have been reported.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact locations of the USTs is unknown, but based on the proposed activities, they are not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

SITE 49. Private residence/farm, 534 County B²⁹

This address is associated with a large farm.

According to the DATCP storage tank database, one UST holding 500 gallons of diesel fuel is in use at this site. No incidents associated with the UST have been reported.

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of the UST is unknown, but based on the land use and proposed construction activities, it is not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.



Figure 24: View of 534 County B looking west from WIS 67. Image: Mead & Hunt, 2014

²⁹ 531 CTH B is the address of record in the DATCP storage tank database. 534 CTH B is the address of record for this parcel with Fond du Lac County. 534 CTH B will be used throughout this document.

SITE 50. Charles Poch Inc., W423 WIS 67

The June 2014 site reconnaissance identified one gasoline pump at this site, set back from WIS 67 approximately 70 feet north. Charles Poch Inc. is a trucking company based in St. Cloud, WI. This site is a vehicle maintenance and repair facility for the company. According to the DATCP storage tank database, this site contains three registered USTs.

- ~ UST holding 560 gallons of fuel oil is in use.
- ~ UST holding 10,000 gallons of diesel is in use.
- ~ UST holding 1,000 gallons of diesel has been closed and filled with inert material but not removed as of April 1991.

No incidents associated with this site have been reported.



Figure 25: View of W423 WIS 67 looking west. Image: Mead & Hunt, 2014

Recommendation. No real estate or easements will be acquired from this property. Proposed mill and overlay activities will be limited to the existing roadway footprint and ground disturbance is not expected to exceed a depth of 2.5 inches bgs. The exact location of USTs is unknown, but based on the proposed activities, USTs are not expected to be encountered. Neither additional hazardous materials investigation nor special provisions are recommended.

Table 5. Identified Sites											
Address	Site #	Name	Approximate Station	Project ID	Anticipated acquisition requirements	Excavation requirements	Contaminants	Status	Database records references	Need for additional investigation?	Need for let contract special provisions?
W4569 WIS 67	Site 1	Private Residence	1044+00	4090-07-00	None	2.5 inch mill in ROW	Leaded Gasoline	UST - closed/removed	DATCP	No	No
N1271, 1273, 1275 Minnie Lane	Site 2	St. Martin Parish	1069+50	4090-07-00	None	2.5 inch mill in ROW	Fuel Oil	UST - closed/removed, AST - present	DATCP	No	No
W4343 WIS 67	Site 3	Backhaus Property	1073+50	4090-07-00	TLE	2.5 inch mill in ROW, 7 feet bgs for culvert extension	Leaded Gasoline	LUST - closed, continuing obligations	BRRTS, DATCP, PECFA, Crispell Snyder, Inc./STS Consultants Phase 2 Enviro. Assessment Report 1993	No	No
W4332 WIS 67	Site 4	Private Residence	1075+00	4090-07-00	None	2.5 inch mill in ROW	Unknown	AST - present	Field Reconnaissance	No	No
N1311 Drumlin Drive	Site 5	Serve Implement Inc.	1094+00	4090-07-00	None	2.5 inch mill in ROW	Diesel	Spill - closed	BRRTS, RCRA, SHWIMS	No	No
W3653 WIS 67	Site 6	Private Residence	1179+00	4090-07-00	None	2.5 inch mill in ROW	Unleaded Gasoline	UST - in use	DATCP	No	No
W3645 WIS 67	Site 7	Private Residence	1181+00	4090-07-00	None	2.5 inch mill in ROW	Leaded Gasoline	UST - in use	DATCP	No	No
W3543 WIS 67	Site 8	Private Residence/Farm	1200+25	4090-07-00	None	2.5 inch mill in ROW	Unknown	ASTs - present	Field Reconnaissance	No	No
W3415 WIS 67	Site 9	Old Ironsides Battery	1218+00	4090-07-00	None	2.5 inch mill in ROW	Lead	Superfund, ERP with continuing obligations	BRRTS, RCRA, EPA	No	No
W3315 WIS 67	Site 10	Farm	1230+00	4090-07-00	None	2.5 inch mill in ROW	Unknown	AST - present	Field Reconnaissance	No	No
1710 Beechnut Dr	Site 11	Private Residence	1289+00	4090-07-00	TLE	1 foot	Leaded Gasoline	UST - in use	DATCP	No	No
W2820 WIS 67	Site 12	Private Residence	1297+00	4090-07-00	None	2.5 inch mill in ROW	Leaded Gasoline	UST - closed/removed	DATCP	No	No
114 W Sheboygan St	Site 13	Campbellsport High School	1020+00 - 1025+00	4090-06-00	Fee & TLE	up to 26 feet in ROW	Fuel Oil	LUST - closed/removed, handler	BRRTS, DATCP, PECFA, RCRA	No	No
259 N Fond du Lac Ave	Site 14	Campbellsport Mobil Mart (BP)	1024+00 - 1027+50	4090-06-00	TLE	up to 26 feet in ROW	Diesel, Unleaded Gasoline, Kerosene, Fuel Oil	LUST - closed, continuing obligations. UST - in use	BRRTS, DATCP, PECFA, Crispell Snyder, Inc./STS Consultants Phase 2 Enviro. Assessment Report 1993	YES, Phase 2.5	YES
138 N Fond du Lac Ave	Site 15	Private Residence	1032+50 - 1033+00	4090-06-00	None	up to 26 feet in ROW	Unleaded Gasoline	UST - in use	DATCP	No	No
101 N. Fond du Lac Ave.	Site 16	Campbellsport News	1035+00 - 1037+00	4090-06-00	None	up to 26 feet in ROW	Unknown	Unknown. Expected UST - closed/removed	Field Reconnaissance	YES, Phase 2	YES
WIS 67 & CTH V	Site 17	Celadon Spill	1037+00	4090-06-00	In ROW	up to 26 feet in ROW	Diesel	Spill - closed	BRRTS	No	No
113 E Main St	Site 18	Serve GMC Buick Chevrolet Dealer	1038+00 - 1039+00	4090-06-00	None	up to 26 feet in ROW	Leaded Gasoline	USTs - closed/removed. Generator	DATCP, SHWIMS, Crispell Snyder, Inc./STS Consultants Phase 2 Enviro. Assessment Report 1993	reevaluate further in design	No
131 E. Main St.	Site 19	Ben Franklin/True Value (former auto garage)	1039+00 - 1041+00	4090-06-00	None	up to 26 feet in ROW	Unknown	Unknown. Expected UST - closed/removed	1927 Sanborn	No	No
139 & 146 E. Main St.	Site 20	Right-of-Way	1041+00	4090-06-00	In ROW	up to 26 feet in ROW	Unknown	Unknown. Expected UST - closed/removed	1927 Sanborn (appears tanks were present in ROW)	reevaluate further in design	No
149 E Main St	Site 21	Apartment Building	1042+00	4090-06-00	None	up to 26 feet in ROW	Fuel Oil	UST - in use	DATCP	No	No
177 E Main St	Site 22	Campbellsport Village Hall	1044+00 - 1044+50	4090-06-00	None	up to 26 feet in ROW	Diesel, Fuel Oil	USTs - closed/removed	BRRTS, DATCP	No	No
230 E Main St	Site 23	Private Residence	1048+00	4090-06-00	None	up to 26 feet in ROW	Leaded Gasoline	UST - closed/removed	DATCP	No	No
419 Mill St	Site 24	St. Matthews Church	1060+50	4090-06-00	None	up to 26 feet in ROW	Fuel Oil	USTs - closed/removed	DATCP	No	No
511 E. Main St.	Site 25	B's, Bells, & Bootcamps	1067+00	4090-06-00	None	up to 26 feet in ROW	Unknown	Unknown. Expected UST - closed/removed	1927 Sanborn (appears tank was present in ROW)	reevaluate further in design	No

Address	Site #	Name	Approximate Station	Project ID	Anticipated acquisition requirements	Excavation requirements	Contaminants	Status	Database records references	Need for additional investigation?	Need for let contract special provisions?
526 E Main St	Site 26	GTE North/Verizon North Inc.	1069+00	4090-06-00	None	up to 26 feet in ROW	Diesel, Fuel Oil	USTs - closed/removed. AST - closed/removed, AST - in use	DATCP, 1927 Sanborn (appears tank was present in ROW)	reevaluate further in design	No
550 E Main Street	Site 27	Village of Campbellsport Main Lift Station	1073+00	4090-06-00	TLE	up to 26 feet in ROW	Diesel	AST - in use, UST - closed/removed	DATCP, BRRTS	No	No
B-20-0032, WIS 67 bridge over Milwaukee River	Site 28	Mill Pond Bridge	1073+50	4090-06-00	n/a	n/a	Asbestos	ACM present	Inspection Report	No	YES
N1876 WIS 67	Site 29	Wagon Wheel Auto & Truck	1424+00	4090-05-00	Fee & TLE	2.5 inch mill in ROW, 1 foot for beam guard	Leaded Gasoline	UST - in use, generator	DATCP, SHWIMS	No	No
N2046 WIS 67	Site 30	Private Residence/Farm	1458+00	4090-05-00	None	2.5 inch mill in ROW	Diesel, Fuel Oil	UST - closed/removed	DATCP	No	No
N2271 US Highway 45	Site 31	Old Dutchmill	1499+00	4530-06-00	Fee & TLE	2 feet	Leaded Gasoline	LUST - open	BRRTS, DATCP, PECFA	YES, Phase 3 (ongoing)	YES
WIS 67 & US Highway 45	Site 32	Orhmundt Spill	1498+00	4530-06-00	n/a	2.5 inch mill in 67 ROW, not US 45	Unleaded Gasoline	Spill - closed	BRRTS	No	No
N2401 County Road SS	Site 33	Private Residence	1542+50	4530-06-00	None	2.5 inch mill in ROW	Leaded Gasoline	UST - closed/removed	DATCP	No	No
N2677 WIS 67	Site 34	Private Residence	1610+00	4530-06-00	TLE	2.5 inch mill in ROW, slope grading	Unleaded Gasoline, Fuel Oil	USTs - closed/removed	DATCP	No	No
N2875 WIS 67	Site 35	Ice Age National Scenic Trail Visitors Center	1662+50	4530-06-00	TLE	2.5 inch mill & 1 foot bgs for curb and gutter in ROW	Fuel Oil	UST - closed/removed	DATCP	No	No
N3006 WIS 67	Site 36	Dins Mobil	1690+00	4530-06-00	TLE	18 inch asphalt removal, fill and seed	Unleaded Gasoline, Diesel, Kerosene	USTs - closed/removed. USTs - in use	BRRTS, DATCP, PECFA	No	YES (possible contamination onsite, beyond scope of construction)
N3076 WIS 67	Site 37	Majesky Property	1703+50	4530-06-00	TLE	18 inch asphalt removal, fill and seed	Unleaded Gasoline	USTs - closed/removed	BRRTS, DATCP	No	YES (possible contamination onsite, beyond scope of construction)
N3104 WIS 67	Site 38	Private Residence	1708+00	4530-06-00	None	2.5 inch mill in ROW	Unleaded Gasoline	UST - closed/removed	DATCP	No	No
N3180 WIS 67	Site 39	Mike Lavey Plumbing & Heating	1720+00	4530-06-00	None	2.5 inch mill in ROW	Unknown	AST - present	Field Reconnaissance	No	No
N3201 WIS 67	Site 40	Private Residence (mobile home)	1724+00	4530-06-00	None	2.5 inch mill in ROW	Unknown	AST - present	Field Reconnaissance	No	No
N3207 WIS 67	Site 41	Private Residence	1724+50	4530-06-00	TLE	2.5 inch mill in ROW, TLE for slope grading	Unleaded Gasoline	UST - closed/removed	DATCP	No	No
N3235 WIS 67	Site 42	Shoemaker Property	1730+00	4530-06-00	None	2.5 inch mill in ROW	Fuel Oil	LUST - closed	BRRTS, DATCP, PECFA	No	No
N3310 WIS 67	Site 43	Hartman-Johnson Spill	1742+00	4530-06-00	n/a	2.5 inch mill in ROW	Gasoline, Engine Oil	Spill - closed	BRRTS	No	No
N3504 WIS 67	Site 44	Private Residence	1768+00	4530-06-00	None	2.5 inch mill in ROW	Leaded Gasoline	UST - closed/removed	DATCP	No	No
N3844 WIS 67	Site 45	Bensons Century Camping Resort	1812+00 – 1820+00	4530-06-00	None	2.5 inch mill in ROW	Fuel Oil, Leaded Gasoline	USTs - closed/removed. - in use	UST	DATCP	No
N4085 WIS 67	Site 46	Private Residence	1845+00	4530-06-00	None	2.5 inch mill in ROW	Fuel Oil, Unleaded Gasoline	USTs - in use	DATCP	No	No
Boy Scout Rd & WIS 67	Site 47	Boy Scout Road Spill	1871+00	4530-06-00	n/a	2.5 inch mill in ROW	Diesel	Spill - closed	BRRTS	No	No
N4275 WIS 67	Site 48	Lakeview Electric Contractors	1875+50	4530-06-00	None	2.5 inch mill in ROW	Diesel, Fuel Oil, Leaded Gasoline	USTs - closed/removed. - in use	UST	DATCP	No
534 County B	Site 49	Private Residence	1933+00	4530-06-00	None	2.5 inch mill in ROW	Diesel	UST - in use	DATCP	No	No
W423 WIS 67	Site 50	Charles Poch, Inc.	1945+00	4530-06-00	None	2.5 inch mill in ROW	Diesel, Leaded and Unleaded Gasoline	UST - closed/removed. - in use	USTs	DATCP	No

November 14, 2014

WIS 67 Reconstruction - Village of Campbellsport, Fond du lac County, Wisconsin

Water, Sanitary and Storm Sewer Utilities

Sanitary Sewer			
Beginning STA	Ending STA	Depth (ft)	Utility Type
1015+75	1016+85	9	Gravity Sewer
1019+38	1022+47	8-9	Gravity Sewer
1025+33	1036+94	7-13	Gravity Sewer
1036+94	1072+82	6-26	Gravity Sewer
1015+75	1072+82	6-26	Sanitary Laterals
1073+80	1080+00	7-8	Pressure Main (Force Main)

Gravity sewer will be rehabilitated by trenchless means. Laterals will be rehabilitated by pipe-bursting (trenchless) from main thru basement wall of structure served. Excavation will be where the lateral discharges to the main. Force main east and west of Milwaukee River will be installed by open-cut methods. Force main under Milwaukee River will be rehabilitated by pipe-bursting (trenchless).

Water			
Beginning STA	Ending STA	Depth (ft)	Utility Type
1014+75	1074+50	7-8	Pressure Main
1014+75	1074+50	6-7	Water Laterals – Replaced from main to right-of-way line.

Water main and laterals east and west of Milwaukee River will be installed by open-cut methods. Water main under Milwaukee River will be rehabilitated by pipe-bursting (trenchless).

Storm Sewer			
Beginning STA	Ending STA	Depth (ft)	Utility Type
1006+00	1009+80	4-5	Gravity Sewer
1014+75	1017+70	4-5	Gravity Sewer
1019+10	1021+50	5-6	Gravity Sewer
1024+50	1025+50	4-6	Gravity Sewer
1029+25	1034+90	5-8	Gravity Sewer
1037+00	1073+30	5-7	Gravity Sewer
1074+00	1075+20	4-6	Gravity Sewer
1078+80	1078+80	4-5	Gravity Sewer
1082+20	1082+20	4-5	Gravity Sewer
1089+40	1090+30	4-6	Gravity Sewer
1094+85	1094+85	4-5	Gravity Sewer
1100+30	1100+30	4-5	Gravity Sewer
1103+80	1103+80	4-5	Gravity Sewer
1107+30	1107+30	4-5	Gravity Sewer
1110+50	1110+50	4-5	Gravity Sewer
1113+75	1113+75	4-5	Gravity Sewer
1117+20	1117+20	4-5	Gravity Sewer

All storm sewers will be installed by open-cut methods.

4. Conclusions and Recommendations

A. Potential hazardous materials sites

Based on a review of state and federal agency databases, background research, interviews, and field reconnaissance, 50 sites with the potential for hazardous materials contamination were identified during the Phase 1 Assessment. Forty-four sites identified along the corridor are not expected to be impacted by proposed construction activities and no real estate will be acquired from these sites. Therefore, neither additional hazardous materials investigations nor special provisions are recommended and no further work is recommended for these sites. If project activities change, the need for additional investigation should be reevaluated.

B. Recommendations

Based on background research, interviews, and field reconnaissance, ten sites with the potential for hazardous materials contamination were identified during the Phase 1 Hazardous Materials Assessment.

A Phase 2 Subsurface investigation to determine if contamination is present is recommended for the following property:

- **Site 16. Campbellsport News (former gas station), 101 N. Fond du Lac Avenue** (Project ID 4090-06-00)

A Phase 2.5 Additional subsurface investigation and definition of extent of contamination within the right-of-way is recommended for the following properties:

- **Site 14. Campbellsport Mobil Mart (gas station), 259 N. Fond du Lac Avenue** (Project ID 4090-06-00)

A Phase 3 Definition of Extent of Contamination within the Right-of-Way to determine the complete vertical and lateral extent of soil and groundwater contamination is recommended for the following properties:

- **Site 31. Old Dutchmill (former gas station/tavern), private residence, N2271 US Highway (US) 45** (Project ID 4530-06-00).

Special provisions are recommended for the following sites:

- **Site 14. Campbellsport Mobil Mart (gas station), 259 N. Fond du Lac Avenue** (Project ID 4090-06-00)
- **Site 16. Campbellsport News (former gas station), 101 N. Fond du Lac Avenue** (Project ID 4090-06-00)
- **Site 28. WIS 67 bridge over Milwaukee River, B-20-0032** (Project ID 4090-06-00)
- **Site 31. Old Dutchmill (former gas station/tavern), private residence, N2271 US Highway (US) 45** (Project ID 4530-06-00).

- **Site 36. Dins Garage & Mini Mart (gas station), N3006 WIS 67** (Project ID 4530-06-00)
- **Site 37. Majesky Property (former gas station), N3076 WIS 67** (Project ID 4530-06-00)

Additional evaluation as during design is recommended for the following sites:

- **Site 18. Serwe GMC Buick Chevrolet Dealer, 113 E. Main Street** (Project ID 4090-06-00)
- **Site 20. Right-of-Way, 139 & 146 E. Main Street** (Project ID 4090-06-00)
- **Site 25. B's, Bells, & Bootcamps, 511 E. Main Street** (Project ID 4090-06-00)
- **Site 26. GTE North/Verizon North, Inc., 526 E. Main Street** (Project ID 4090-06-00)

5. Disclaimer

This Phase 1 Hazardous Materials Assessment was completed in accordance with Procedure 21-35-5 of the WisDOT FDM. This report is intended to identify hazardous materials contamination sites that could be impacted as a result of the proposed project actions. Despite our research efforts, there is a possibility that sites not identified in this report may contain hazardous materials. However, information about the past or present use of these sites was not obtainable as part of this preliminary investigation. Field survey of properties for this project is limited in its ability to fully assess potential environmental liabilities. Therefore, Mead & Hunt, Inc. cannot and will not accept any liability for environmental conditions that currently or formerly existed, or may exist at subject properties in the future.

6. Appendix