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August 15, 2022

Ms. Mackenzie Reynolds
Wisconsin Department of Natural Resources
3911 Fish Hatchery Rd
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Subject: Documentation Report for Management of Contaminated Soil
USH 51 – Wisconsin & Dewitt Streets, Ontario Street to E. Pleasant Street
Portage, Columbia County, Wisconsin
WisDOT ID #6918-01-72

Dear Ms. Reynolds:

Enclosed is the Documentation Report for Management of Contaminated Soil for the USH 51 – Wisconsin & Dewitt Streets, Ontario Street to E. Pleasant Street project in Portage, Wisconsin. TRC recommends that the WisDOT take no further action to investigate or remediate soil or groundwater impacts that may remain at the investigated sites or within the construction project limits.

Feel free to contact me at (608) 347-2022, or Dan Haak at (608) 826-3628, if you have any questions.

Sincerely,

TRC

A handwritten signature in blue ink, appearing to read "Tom Perkins".

Tom Perkins
Project Engineer

A handwritten signature in blue ink, appearing to read "Dan Haak".

Dan Haak, P.E.
Project Manager

cc: Shar TeBeest, WisDOT (pdf via email)
Brian Taylor, WisDOT (pdf via email)
Aaron Jahncke, City of Portage (pdf via email)



Documentation Report for Management of Contaminated Soil

**USH 51 - Wisconsin & Dewitt Streets,
Ontario Street to E. Pleasant Street
Portage, Columbia County, Wisconsin**

August 2022

WisDOT Project #6918-01-72

Prepared For:

Wisconsin Department of Transportation

Prepared By:

TRC
708 Heartland Trail, Suite 3000
Madison, Wisconsin 53717

A handwritten signature in black ink, appearing to read "Tom Perkins", written over a horizontal line.

Tom Perkins
Project Engineer

A handwritten signature in blue ink, appearing to read "Dan Haak", written over a horizontal line.

Dan Haak, P.E.
Project Manager

A handwritten signature in black ink, appearing to read "Bryan Bergmann", written over a horizontal line.

Bryan Bergmann
TRC Quality Assurance

TABLE OF CONTENTS

EXECUTIVE SUMMARY	III
1.0 INTRODUCTION.....	1
1.1 Background.....	1
1.2 Purpose and Scope.....	2
2.0 FIELD SUMMARY.....	2
2.1 Cap Modification	2
2.2 Soil Screening.....	3
2.2.1 Site 3.....	3
2.2.2 Site 4, 5, 7, 8.....	3
2.2.3 Site 11.....	3
2.2.4 Site 12, 13, 14.....	4
2.2.5 Site 15.....	4
2.2.6 Site 19.....	5
2.2.7 Site 21.....	5
2.2.8 Site 24.....	5
2.3 Groundwater Contamination.....	5
2.4 Underground Storage Tank Removal.....	6
3.0 CONCLUSIONS AND RECOMMENDATIONS	6
4.0 REFERENCES.....	7

TABLES

Table 1: Summary of Soil Field-Screening Results
 Table 2: Soil Analytical Results Summary

FIGURES

Figure 1: Site Location Map
 Figure 2-1: Site Map (Site 11 & Site 24)
 Figure 2-2: Site Map (Site 15)
 Figure 2-3: Site Map (Site 19)
 Figure 2-4: Site Map (Site 21)

APPENDICES

Appendix A: Construction Plans
 Appendix B: Special Provisions and WDNR Concurrence
 Appendix C: Photographic Log
 Appendix D: Disposal Documentation
 Appendix E: Laboratory Analytical Reports

COMMONLY USED ABBREVIATIONS AND ACRONYMS

AST	aboveground storage tank
bgs	below ground surface
BRRTS	Bureau for Remediation and Redevelopment Tracking System
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CTH	County Trunk Highway
CY	cubic yards
DATCP	Department of Agriculture, Trade and Consumer Protection
DRO	diesel range organics
FDM	Facilities Development Manual
EMP	Excavation Management Plan
ERP	Environmental Repair Program
ES	Enforcement Standards
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
GIS Registry	WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites
GRO	gasoline range organics
HAZWOPER	Code of Federal Registry Chapter 29 (29 CFR) Part 1910.120 Hazardous Waste Operations and Emergency Response
HMA	Hazardous Materials Assessment
IH	Interstate Highway
LQG	large quantity generator
LUST	leaking underground storage tank
NPL	National Priorities List
NR ###	Wisconsin Administrative Code (WAC) Natural Resources (NR) Chapter ###
PAHs	polynuclear aromatic hydrocarbons
PAL	Preventive Action Limits
PCBs	polychlorinated biphenyls
PCE	perchloroethylene/tetrachloroethylene
PID	photoionization detector
PVOCs	petroleum volatile organic compounds
RCLs	Residual Contaminant Levels in NR 720
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
R/W or ROW	right-of-way
sf	square feet
STH	State Trunk Highway
TCE	trichloroethylene
TRIS	Toxic Chemical Release Inventory System
USGS	United States Geological Survey
USH	United States Highway
UST	underground storage tank
VOCs	volatile organic compounds
WDNR	Wisconsin Department of Natural Resources
WisDOT	Wisconsin Department of Transportation
WGNHS	Wisconsin Geological and Natural History Survey
WI ERP	Wisconsin Environmental Repair Program database

Executive Summary

The WisDOT has completed reconstruction of USH 51 (Wisconsin & Dewitt Streets, Ontario Street to E. Pleasant Street) in Portage, Columbia County, Wisconsin (WisDOT ID #6918-01-72). The WisDOT retained TRC Environmental Corporation (TRC) to provide environmental construction management services for this project. In accordance with the Special Provisions for the Management and Disposal of Contaminated Soil, TRC provided construction oversight services, including the field-screening of soil potentially contaminated with petroleum, chlorinated volatile organic compounds (CVOCs), and/or metals, and the documentation of contaminated soil and groundwater management at the following sites:

Petroleum Contamination

- **Site 8 (Mael Estate – Triangle Property, 100 Edgewater St.)** - The entire parcel described as Station 102+00WI to 103+50WI from reference line to limits on LT, and from 538+30DE to 539+10DE from limits on RT to limits on LT
- **Wisconsin St./USH 51**
 - **Sites 5 and 7** - Station 99+25WI to 100+75WI, from limits on RT to limits on LT
 - **Sites 8, 11, 12, 13, 14, and 24** - Station 102+50WI to 107+75WI, from limits on RT to limits on LT
 - **Site 15** - Station 111+00WI to 111+75WI, from reference line to limits on LT
 - **Site 19** - Station 116+00WI to 117+25WI, from reference line to limits on RT
 - **Site 21** - Station 143+00WI to 144+60WI, from reference line to limits on LT
- **Edgewater St.**
 - **Sites 4 and 5** - West limit to Wisconsin St./USH 51 intersection, from limits on RT to limits on LT
 - **Sites 7 and 8** - Current Dewitt St. intersection to 100 feet west, from limits on RT to limits on LT
- **Dewitt St.**
 - **Site 3** - Station 546+50DE to 547+75DE, from 15 feet from limits on LT to centerline
 - **Site 8** - Current ROW along Site 8, from west limits to centerline

CVOCs Contamination

- **Sites 11 and 24** - Station 103+00WI to 107+75WI, from limits on RT to limits on LT

Metals Contamination

- **Site 24** - Station 102+50WI to 103+00WI, from center to limits on RT, and all sediment within the Portage Canal

TRC personnel were on site multiple dates from March 24, 2021, through August 4, 2021, to observe the highway contractor (A-1 Excavating, Inc.) during highway reconstruction and to field-screen potentially contaminated soil. Petroleum-contaminated soil was encountered during

construction at various depths at Sites 15, 19, and 21. CVOCs- and metals-contaminated soil was encountered at Sites 11 and 24.

Contaminated soil was transported off site for landfill disposal. A total of 625 tons of petroleum-contaminated soil was transported to Waste Management's Deer Track Park Landfill in Watertown, Wisconsin for treatment and disposal. A total of 556.04 tons of CVOCs- and metals-contaminated soil were transported to Waste Management's Madison Prairie Landfill in Sun Prairie, Wisconsin for disposal. Low-level contaminated soil (PID<10 ppm) was beneficially reused as backfill on site where applicable.

One underground storage tank (UST) was encountered in the Dewitt Street ROW during construction. The UST was abandoned with oversight provided by TRC, and was documented in an abandonment report previously submitted to the WDNR.

Groundwater, if encountered, did not require removal during construction in areas of potential contamination.

On the basis of the findings of the field observations, field-screening results, and information included in the Special Provisions, TRC recommends that the WisDOT take no further action to investigate or remediate soil or groundwater impacts that may remain at the investigated sites or within the construction project limits.

1.0 Introduction

1.1 Background

The WisDOT has completed reconstruction of USH 51, from Ontario Street to E. Pleasant Street in Portage, Columbia County, Wisconsin (WisDOT ID #6918-01-72). The WisDOT retained TRC to provide construction oversight and to document the management of contaminated soil and groundwater for this project. Appendix A includes select highway construction plans relevant to this report. The project location is shown on Figure 1.

KL Engineering completed a Phase I HMA for the project corridor in April 2017 (KL Engineering, 2017). The Phase 1 HMA investigated twenty-four sites for potential hazardous materials. TRC supplemented the Phase 1 report information with a WDNR file review to obtain additional information regarding soil & groundwater contamination, tank locations, cap maintenance plans, etc.

Based on the Phase I HMA and supplemental WDNR file review, TRC completed a Phase 2.5/3 Investigation of the WisDOT USH 51 reconstruction project corridor in August of 2017 to identify and determine the nature and extent of soil and groundwater contamination within construction limits of the project. A report summarizing the investigation results was submitted to the WDNR on October 31, 2017 (TRC, 2017a). A revised report was submitted to the WDNR on June 27, 2018, following WDNR comments (TRC, 2018).

Based on the results of the previous reports and the WisDOT construction plans, the following areas for the WisDOT ID #6918-01-72 project were identified as potentially containing contaminated soil, and included in the contract environmental Special Provisions:

Petroleum Contamination

- **Site 8 (Mael Estate – Triangle Property, 100 Edgewater St.)** - The entire parcel described as Station 102+00WI to 103+50WI from reference line to limits on LT, and from 538+30DE to 539+10DE from limits on RT to limits on LT
- **Wisconsin St./USH 51**
 - **Sites 5 and 7** - Station 99+25WI to 100+75WI, from limits on RT to limits on LT
 - **Sites 8, 11, 12, 13, 14, and 24** - Station 102+50WI to 107+75WI, from limits on RT to limits on LT
 - **Site 15** - Station 111+00WI to 111+75WI, from reference line to limits on LT
 - **Site 19** - Station 116+00WI to 117+25WI, from reference line to limits on RT
 - **Site 21** - Station 143+00WI to 144+60WI, from reference line to limits on LT
- **Edgewater St.**
 - **Sites 4 and 5** - West limit to Wisconsin St./USH 51 intersection, from limits on RT to limits on LT
 - **Sites 7 and 8** - Current Dewitt St. intersection to 100 feet west, from limits on RT to limits on LT

- **Dewitt St.**
 - **Site 3** - Station 546+50DE to 547+75DE, from 15 feet from limits on LT to centerline
 - **Site 8** - Current ROW along Site 8, from west limits to centerline

CVOCs Contamination

- **Sites 11 and 24** - Station 103+00WI to 107+75WI, from limits on RT to limits on LT

Metals Contamination

- **Site 24** - Station 102+50WI to 103+00WI, from center to limits on RT, and all sediment within the Portage Canal

The WDNR provided concurrence with the Special Provisions on July 30, 2018. The Special Provisions prepared for the management of contaminated soil and groundwater along with the WDNR concurrence letter are included in Appendix B.

In 2020, the City of Portage completed street and utility improvements for portions of USH 51 (Wisconsin & Dewitt Streets) and Thompson Street that coincided with this project. A documentation report was provided to the WDNR by TRC on December 18, 2020, which summarized the management of contaminated soil by the City of Portage and their construction contractor during these utility improvements (TRC, 2020)

1.2 Purpose and Scope

The purpose of this report is to document the results of field observations and field-screening of soil samples during the USH 51 reconstruction project (WisDOT ID 6918-01-72).

2.0 Field Summary

TRC observed the highway contractor, A-1 Excavating, Inc. (A-1), during construction within areas identified in the Special Provisions as potentially containing contaminated soil and groundwater. TRC provided oversight for the management of contaminated soil encountered during construction. A photographic log is included in Appendix C.

2.1 Cap Modification

A post-closure cap consisting of buildings and paved areas was in place at each of the following closed BRRTS sites:

- **Site 7 (Mael Estate Property)** – 109 Edgewater St., BRRTS #03-11-168416
- **Site 19 (Crawford 66)** – 416 E. Wisconsin St., BRRTS #03-11-002155
- **Site 24 (Portage Canal)** - BRRTS #02-11-543021

WisDOT project construction activities within the cap extents required post closure modification of the cap. TRC submitted a Post Closure Modification Notification for the properties on October

31, 2017 (TRC, 2017b). The WDNR approved the cap modifications on December 4, 2017 (Appendix B). The existing cap materials at these sites were replaced with in-kind materials. Post-construction cap photographs are provided in Appendix C.

2.2 Soil Screening

TRC personnel were on site multiple days between March 24, 2021, and August 4, 2021, to field-screen soil excavated for USH 51 reconstruction at Wisconsin, Dewitt, and Thompson Streets, as identified in the Special Provisions. TRC personnel field-screened soil based on data from previous investigations, visual observations, odor, and through the use of a PID. Evidence of contaminated soil was observed at various depths during the construction of stormwater utility at Site 15, Site 19, and Site 21. Based on previous investigation results and field observations, soil contaminated with CVOCs and/or metals was encountered during construction at Site 11 and Site 24. Field-screening results are included in Table 1 and contaminated soil extents are shown on Figures 2-1 to 2-4.

2.2.1 Site 3

TRC personnel were on-site on March 24, 2021, to field-screen soil excavated for storm sewer installation within the limits of Site 3, as described in the Special Provisions. Petroleum-contaminated soil was not encountered during construction. Field-screening results can be found in Table 1.

2.2.2 Site 4, 5, 7, 8

TRC personnel were on site multiple days from June 25, 2021 to June 28, 2021, to field-screen soil excavated for storm sewer installation and road grading work within the limits of Site 5, Site 7, and Site 8, as described in the Special Provisions. Petroleum-contaminated soil was not encountered during construction. Field-screening results can be found in Table 1. Storm sewer utility construction was not required within the limits of Site 4.

2.2.3 Site 11

TRC personnel were on site on multiple dates between May 24, 2021 and July 7, 2021, to field-screen soil excavated for storm sewer installation and road grading work within the limits of Site 11, as described in the Special Provisions.

On May 24 and 25, 2021, soil samples SS-A, SS-B, and SS-C were collected from the base of the storm sewer excavation. Soil analytical results showed PCE concentrations in SS-B and SS-C that exceeded the NR 720 Soil Groundwater Pathway RCL. Soil sampling results are summarized in Table 2 and compared to NR 720 Soil RCLs. Cumulative Hazard Index and Cancer Risk values are provided in Table 2. Laboratory analytical reports are included in Appendix E.

On June 23, 2021, the highway contractor completed stormsewer construction in the eastbound lane of USH 51 within Site 11 limits, prior to notifying TRC. This included the installation of Catch Basin 4.21 and associated piping to the previously installed Catch Basin 4.23. A portion of the soil that was excavated during construction was beneficially reused in place. According to the highway contractor, an estimated 4 tons of potentially impacted material was transported to a City of Portage fill site. On June 25, 2021, TRC personnel were on site to oversee the highway

contractor install a test pit immediately south of catch basin 4.21, between the structure and the site source area. The test pit was excavated to the depth of the catch basin (approximately 8 ft bgs) and soil samples were collected from the excavation base directly south of the catch basin (SAMPLE-1), from the sidewall south of the catch basin (SAMPLE-2), from the sidewall west (SAMPLE-3), and the sidewall east (SAMPLE-4) in order to characterize the soil that had been previously excavated and transported off site. Soil analytical results showed PCE concentrations in SAMPLE-1, SAMPLE-2, and SAMPLE-3 that exceeded the NR 720 Soil Groundwater Pathway RCL. Soil sampling results are summarized in Table 2 and compared to NR 720 Soil RCLs. Cumulative Hazard Index and Cancer Risk values are provided in Table 2. Laboratory analytical reports are included in Appendix E.

On June 28, 2021, the highway contractor installed three test pits to approximately 2 ft bgs along the south side of USH 51 at Site 11. TRC personnel collected one sample from the base of each test pit for waste characterization prior to grading activities in the area. The maximum required depth for grading was up to 1.5 ft bgs. Based on previous investigation results, soil samples were analyzed for TCLP VOCs and TCLP Lead. Analytical results indicated that soil within the Site 11 limits at the required depth interval for surface grading contained non-hazardous concentrations of PCE. Therefore, all soil excavated for surface grading within the Site 11 limits was disposed by landfill as non-hazardous waste. Soil sampling results are provided in the laboratory analytical reports in Appendix E. A total of 88.39 tons of contaminated soil was excavated for grading purposes from Site 11 and was transported to Waste Management's Madison Prairie Landfill in Madison, Wisconsin, for treatment and disposal. Disposal documentation is included in Appendix D. Field-screening results can be found in Table 1. Contaminated soil extents and soil sample locations are shown on Figure 2-1.

2.2.4 Site 12, 13, 14

Based on previous investigations and prior utility construction conducted by the City of Portage in 2020, it was determined that soil contamination was only present in areas at or below the water table at Site 12, Site 13, and Site 14. Based on the location and the depth of storm sewer utility installation (above the groundwater table), it was anticipated that the highway contractor would not encounter contaminated soil or groundwater at Site 12, Site 13, or Site 14 during construction. TRC personnel maintained communication with the highway contractor during construction within the Site limits to confirm all utility construction was conducted above the groundwater table and that no evidence of soil contamination was encountered during construction at these areas.

2.2.5 Site 15

TRC personnel were on site on June 2, 2021, to field-screen soil excavated for storm sewer installation within the limits of Site 15, as described in the Special Provisions. Petroleum-contaminated soil was encountered during construction. Field-screening results can be found in Table 1 and contaminated soil extents are shown on Figure 2-2. A total of 329.99 tons of petroleum-contaminated soil were excavated during utility construction at Site 15 and transported to Waste Management's Deer Track Park Landfill in Watertown, Wisconsin, for treatment and disposal. Disposal documentation is included in Appendix D.

2.2.6 Site 19

TRC personnel were on site on June 29, 2021, to field-screen soil excavated for storm sewer installation within the limits of Site 19, as described in the Special Provisions. Petroleum-contaminated soil was encountered during construction. Field-screening results can be found in Table 1 and contaminated soil extents are shown on Figure 2-3. A total of 93.51 tons of petroleum-contaminated soil were excavated during utility construction at Site 15 and transported to Waste Management's Deer Track Park Landfill in Watertown, Wisconsin, for treatment and disposal. Disposal documentation is included in Appendix D.

2.2.7 Site 21

TRC personnel were on site on August 4, 2021, to field-screen soil excavated for surface grading within the limits of Site 21, as described in the Special Provisions. Contaminated soil was encountered during construction by the highway contractor, prior to notifying TRC. Contaminated soil was stockpiled for field-screening by TRC personnel. Field-screening results can be found in Table 1 and contaminated soil extents are shown on Figure 2-4. A total of 119.34 tons of petroleum-contaminated soil were excavated during utility construction at Site 21 and transported to Waste Management's Deer Track Park Landfill in Watertown, Wisconsin, for treatment and disposal. Disposal documentation is included in Appendix D.

2.2.8 Site 24

TRC personnel were on site on multiple days between June 8, 2021 and June 15, 2021, to field-screen soil excavated for the installation of a culvert below Wisconsin Street and DeWitt Street at the Portage Canal (Site 24). Based on previous investigations, it was determined that sediment from the canal is contaminated with metals. Additionally, it was determined that some soils at the site are contaminated with CVOCs and metals. All sediment excavated from the canal during construction was considered contaminated with CVOCs and metals and was handled as such. Additionally, TRC personnel visually identified impacted soils during construction. Impacted soils along with sediment excavated from the canal was transported to the landfill for disposal. A total of 556.04 tons of metals-contaminated soil were excavated during utility construction at Site 24 and transported to Waste Management's Madison Prairie Landfill in Madison, Wisconsin, for treatment and disposal. Disposal documentation is included in Appendix D. During excavation, TRC personnel periodically field-screened soil and sediment. PID readings from soil and sediment excavated during excavation at the Portage canal were less than 1 ppm. Contaminated soil extents are shown on Figure 2-2.

A total of 625 tons of petroleum-contaminated soil was transported to Waste Management's Deer Track Park Landfill in Watertown, Wisconsin, for treatment and disposal. A total of 556.04 tons of CVOCs- and metals-contaminated soil were transported to Waste Management's Madison Prairie Landfill in Sun Prairie, Wisconsin, for disposal. Landfill disposal documentation is included in Appendix D.

2.3 Groundwater Contamination

Groundwater, if encountered, did not require removal during construction in areas of potential contamination.

2.4 Underground Storage Tank Removal

One UST was encountered in the DeWitt Street ROW during construction and was abandoned by removal with oversight provided by TRC on March 29, 2021. 82.16 tons of petroleum-contaminated soil was excavated from the area surrounding the UST and was treated/disposed at Waste Management Deer Track Park Landfill in Watertown, Wisconsin. The abandonment of the UST was summarized in TRC's Underground Storage Tank Abandonment Report submitted to the WDNR on June 11, 2021 (TRC, 2021).

3.0 Conclusions and Recommendations

TRC's field observations and field-screening results indicate the following:

- A total of 542.84 tons of petroleum-contaminated soil was transported from excavations at Site 15, Site 19, and Site 21 to Waste Management's Deer Track Park Landfill in Watertown, Wisconsin for treatment and disposal (Appendix D).
- A total of 556.04 tons of CVOCs- and metals-contaminated soil was transported from excavations at Site 11 and Site 24 to Waste Management's Madison Prairie Landfill in Sun Prairie, Wisconsin for disposal (Appendix D).
- Low-level contaminated soil encountered during construction was beneficially reused on site as backfill and capped by impervious material at various locations.
- Groundwater, if encountered, did not require removal during construction in areas of potential contamination.
- One UST was encountered in the DeWitt Street ROW during construction and was abandoned by removal with oversight provided by TRC. A total of 82.16 tons of petroleum-contaminated soil was excavated from the area surrounding the tank and transported to Waste Management's Deer Track Park Landfill in Watertown, Wisconsin for treatment and disposal (Appendix D)

On the basis of the results of field observations and field-screening of soil samples, the WisDOT managed contaminated soil in accordance with the Special Provisions during reconstruction of USH 51 (Wisconsin & Dewitt Streets, Ontario Street to E. Pleasant Street) in Portage, Columbia County, Wisconsin (WisDOT ID #6918-01-72). TRC recommends the WisDOT take no further action to investigate or remediate the contaminated sites.

4.0 References

- KL Engineering, Inc. 2017. Phase 1 Hazardous Materials Assessment – WisDOT ID 6918-01-02 - City of Portage, Wisconsin & Dewitt Streets (Ontario Street – East Pleasant Street) USH 51, Columbia County. April 2017.
- TRC. 2017a. Phase 2.5/3 Investigation and Special Provisions, USH 51, Wisconsin & Dewitt Streets, Portage, Wisconsin, WisDOT Project ID #6918-01-02. October 31, 2017.
- TRC. 2017b. Post-Closure Modification Requests – USH 51 Corridor, Portage, Columbia County, Wisconsin, BRRTs #03-11-168416, #03-11-002155, & #02-11-543021, WisDOT ID #6918-01-02. October 31, 2017.
- TRC. 2018. Phase 2.5/3 Investigation and Special Provisions, Revision 1, USH 51, Wisconsin & Dewitt Streets, Portage, Wisconsin, WisDOT Project ID #6918-01-02. June 27, 2018.
- TRC. 2020. Documentation Report for Management of Contaminated Soil, USH 51 – Wisconsin/Dewitt & Thompson Street, Portage, Columbia County, Wisconsin. December 18, 2020.
- TRC. 2021. Underground Storage Tank Abandonment Report, Dewitt Street ROW – 205 Dewitt Street, Portage, Columbia County, Wisconsin, WisDOT ID#6918-01-72. June 11, 2021.

Table 1: Summary of Soil Field-Screening Results
USH 51 Wisconsin & Dewitt Streets, Ontario Street to E. Pleasant Street
Portage, Columbia County, Wisconsin
WisDOT ID# 6918-01-72, TRC #421202.0000.0000

DATE	UTILITY	SITE NUMBER	APPROX. STATION	LEFT/RIGHT OF REF. LINE	DEPTH (feet BGS)	PID (ppm)	ODOR	SOIL DESCRIPTION
3/24/2021	Storm	3	545+75	30' LT	4	<1	None	Sand
3/24/2021	Storm	3	545+90	30' LT	6	<1	None	Sand
3/24/2021	Storm	3	545+95	50' LT	6	<1	None	Sand
5/24/2021	Storm	11	105+40	25' LT	8	<1	None	Sand
5/24/2021	Storm	11	105+20	25' LT	8	<1	None	Sand, Sample SSA
5/24/2021	Storm	11	105+10	25' LT	8	<1	None	Sand
5/25/2021	Storm	11	104+90	25' LT	8	<1	None	Sand
5/25/2021	Storm	11	104+80	25' LT	8	<1	None	Sand, Sample SSB
5/25/2021	Storm	11	104+70	25' LT	8	<1	None	Sand
5/25/2021	Storm	11	104+70	CL	8	<1	None	Sand, Sample SSC
6/2/2021	Storm	15	111+00WI	20' LT	7	<1	None	Dark brown clay with sand and gravel
6/2/2021	Storm	15	111+15WI	20' LT	7	<1	None	Dark brown clay with sand and gravel
6/2/2021	Storm	15	111+25WI	20' LT	4	<1	None	Dark brown sand and gravel with clay
6/2/2021	Storm	15	111+25WI	20' LT	6	64.3	Slight Petroleum	Dark brown clay with sand and gravel
6/2/2021	Storm	15	111+40WI	20' LT	3	<1	None	Dark brown sand and gravel with clay
6/2/2021	Storm	15	111+40WI	20' LT	6	82.0	Strong Petroleum	Dark brown clay with sand and gravel with grey staining
6/2/2021	Storm	15	111+55WI	20' LT	3	<1	None	Dark brown sand and gravel with clay
6/2/2021	Storm	15	111+55WI	20' LT	6	175.5	Strong Petroleum	Dark brown clay with sand and gravel with grey staining
6/2/2021	Storm	15	111+75WI	20' LT	3	<1	None	Dark brown sand and gravel with clay
6/2/2021	Storm	15	111+75WI	20' LT	6	198.1	Strong Petroleum	Dark brown clay with sand and gravel with grey staining
6/2/2021	Storm	15	111+90WI	20' LT	3	<1	None	Dark brown sand and gravel with clay
6/2/2021	Storm	15	111+90WI	20' LT	6	34.3	Slight Petroleum	Dark brown clay with sand and gravel with grey staining
6/2/2021	Storm	15	112+00WI	20' LT	3	<1	None	Dark brown sand and gravel with clay
6/2/2021	Storm	15	112+00WI	20' LT	6	22.6	Slight Petroleum	Dark brown clay with sand and gravel
6/2/2021	Storm	15	112+10WI	20' LT	3	<1	None	Dark brown sand and gravel with clay
6/2/2021	Storm	15	112+10WI	20' LT	6	<1	None	Dark brown clay with sand and gravel
6/2/2021	Storm	15	112+20WI	20' LT	6	<1	None	Dark brown clay with sand and gravel
6/25/2021	Storm	11	CB 4.21	NR	8	<1	None	Dark brown clay with sand and gravel, SAMPLE-1 location
6/25/2021	Storm	11	CB 4.21	NR	6	<1	None	Dark brown clay with sand and gravel, SAMPLE-2 location
6/25/2021	Storm	11	CB 4.21	NR	6	<1	None	Dark brown clay with sand and gravel, SAMPLE-2 location
6/25/2021	Storm	11	CB 4.21	NR	6	<1	None	Dark brown clay with sand and gravel, SAMPLE-2 location
6/25/2021	Storm	8	MH 2.3	NR	4	<1	None	Dark brown clay with sand and gravel, SAMPLE-2 location
6/25/2021	Storm	8	MH 2.3	NR	9	<1	None	Dark brown clay with sand and gravel, SAMPLE-2 location
6/25/2021	Storm	8	102+50WI	10' LT	5	<1	None	Brown sand and gravel
6/25/2021	Storm	8	MH 2.2	NR	4	<1	None	Brown sand and gravel
6/25/2021	Storm	8	MH 2.2	NR	8	<1	None	Brown sand and gravel
6/25/2021	Storm	8	CB 2.32	NR	3	<1	None	Brown sand and gravel
6/25/2021	Storm	8	CB 2.32	NR	6	<1	None	Brown sand and gravel

Table 1: Summary of Soil Field-Screening Results
USH 51 Wisconsin & Dewitt Streets, Ontario Street to E. Pleasant Street
Portage, Columbia County, Wisconsin
WisDOT ID# 6918-01-72, TRC #421202.0000.0000

DATE	UTILITY	SITE NUMBER	APPROX. STATION	LEFT/RIGHT OF REF. LINE	DEPTH (feet BGS)	PID (ppm)	ODOR	SOIL DESCRIPTION
6/28/2021	Grading	11	104+60WI	20' RT	2	<1	None	Brown sand with some gravel, Sample WC-1
6/28/2021	Grading	11	104+75WI	20' RT	2	<1	None	Brown sand with some gravel, Sample WC-2
6/28/2021	Grading	11	105+10WI	20' RT	2	<1	None	Brown sand with some gravel, Sample WC-3
8/4/2021	Grading	21	Stockpile	NR	0-2	16.8	Slight	Brown sand with gravel, moist.
8/4/2021	Grading	21	Stockpile	NR	0-2	7.0	Slight	Brown sand with gravel, moist.
8/4/2021	Grading	21	Stockpile	NR	0-2	8.4	Slight	Brown sand with gravel, moist.

Created by: T. Perkins 1/24/2022

Checked by: D. Haak 8/2/2022

Notes:

1. bgs = below ground surface
2. PID = photoionization detector
3. ppm = parts per million
5. NR = information not recorded

Table 2: Soil Analytical Results Summary
USH 51 Wisconsin & Dewitt Streets, Ontario Street to E. Pleasant Street
Portage, Columbia County, Wisconsin
WisDOT ID# 6918-01-72, TRC #421202.0000.0000

Analytes ⁽⁵⁾	Soil RCL NR 720 ⁽³⁾				Soil Sample ID, Depth (feet bgs), Sample Date						
	Groundwater Pathway ⁽¹⁾	Non-Industrial Direct Contact ⁽²⁾	Industrial Direct Contact ⁽²⁾	Background Threshold Value ⁽⁴⁾	SS A	SS B	SS C	SAMPLE-1	SAMPLE-2	SAMPLE-3	SAMPLE-4
					8	8	8	8	6	6	6
					5/25/2021		5/26/2021	6/25/2021			
PID (PPM)	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
VOCs & TCLP VOCs (µg/kg)											
Methylene Chloride	2.6	61,800	1,150,000	-	95.4	88.0	102	<19.6	<20.5	<16.5	<19.7
Tetrachloroethene	4.5	33,000	145,000	-	<32.0	91.8	106	291	104	39.0 J	<27.4
HAZARD INDEX (CUMULATIVE)											
Industrial		1.0			0.000	0.0002	0.0002	0.0005	0.0002	0.0001	0.0000
Non-Industrial		1.0			0.0003	0.0011	0.0012	0.0027	0.001	0.0004	0.000
CANCER RISK (CUMULATIVE)											
Industrial		1.0E-05			8.3E-11	7.1E-10	8.2E-10	2.0E-09	7.2E-10	2.7E-10	0.0E+00
Non-Industrial		1.0E-05			1.5E-09	4.2E-09	4.9E-09	8.8E-09	3.2E-09	1.2E-09	0.0E+00

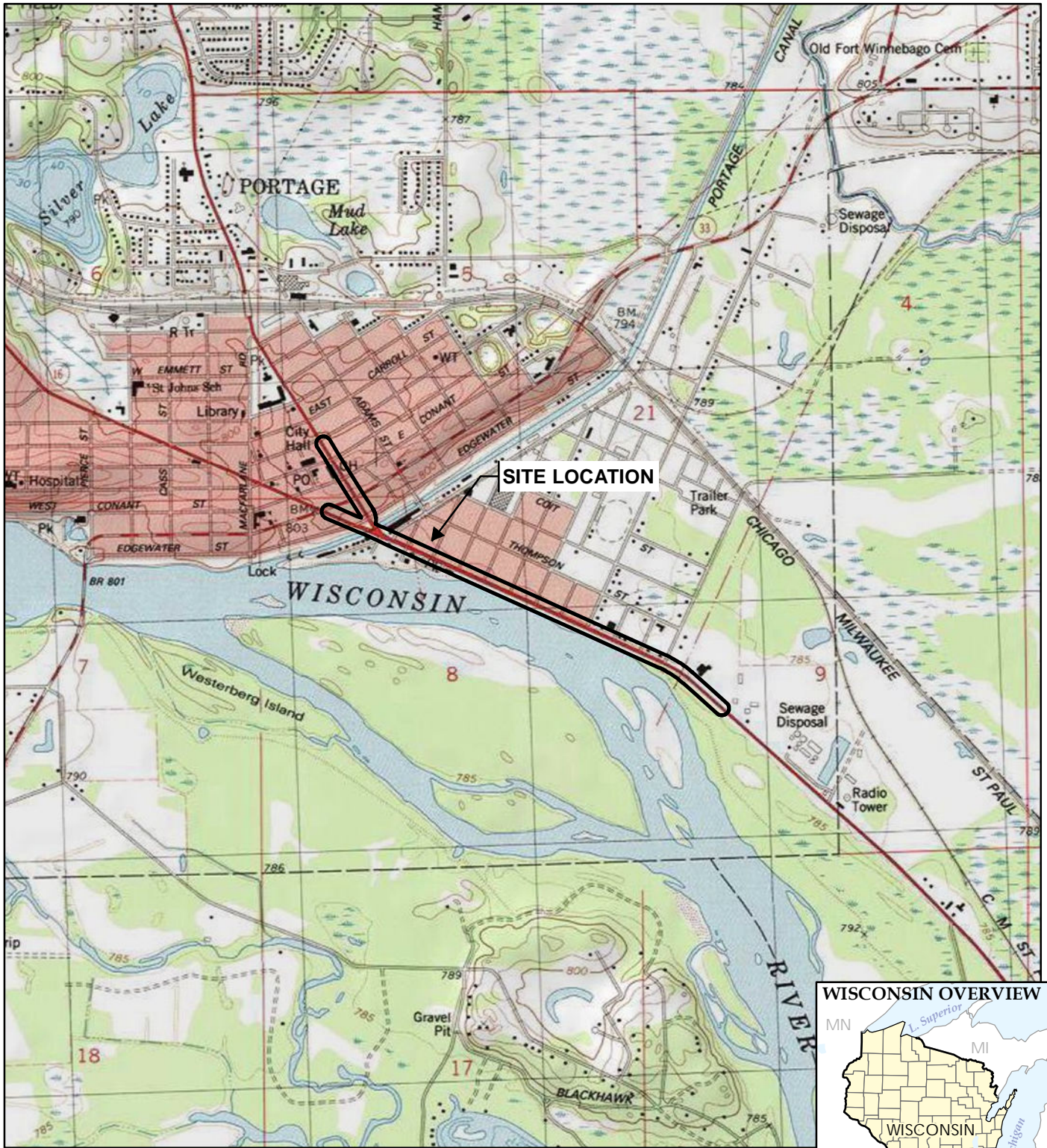
Created By: T. Perkins 1/24/2022
Checked By: T. Jackson-Strong 6/24/2022

Notes:

- 1 PID = Photoionization Detector
- 2 VOCs = Volatile Organic Compounds
- 3 TCLP = Toxicity Characteristic Leaching Procedure
- 4 VOCs and TCLP VOCs analyzed using method EPA 8260
- 5 µg/kg = micrograms per kilogram (ppb).
- 6 mg/kg = milligrams per kilogram (ppm)
- 7 Samples were collected by TRC and analyzed by Pace Analytical (WDNR Cert. #405132750)
- 8 - = Standard not established.
- 9 -- = Not analyzed
- 10 J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value
- 11 RCLs = Residual Contaminant Levels.
- 12 *Italics* = indicates that the analyte exceeds the groundwater pathway RCL and BTV (if established)
- 13 **Bold** = indicates that the analyte and/or sample exceeds the NR 720 RCL for direct contact (non-industrial or industrial) and BTV (if established).

Footnotes:

- (1) Value is the generic RCL for the groundwater pathway.
- (2) Value is the generic RCL for exposure by direct contact.
- (3) RCLs from the Wisconsin DNR's NR 720 RCL Spreadsheet (December 2018 update) found here: <https://dnr.wi.gov/topic/Brownfields/soil.html>.
- (4) Background threshold value (BTV) was taken from the Wisconsin DNR's NR 720 RCL spreadsheet.
- (5) Only analytes detected in at least one sample are shown in the table.



BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.



708 Heartland Trail
Suite 3000
Madison, WI 53717
Phone: 608.826.3600

TRC - GIS

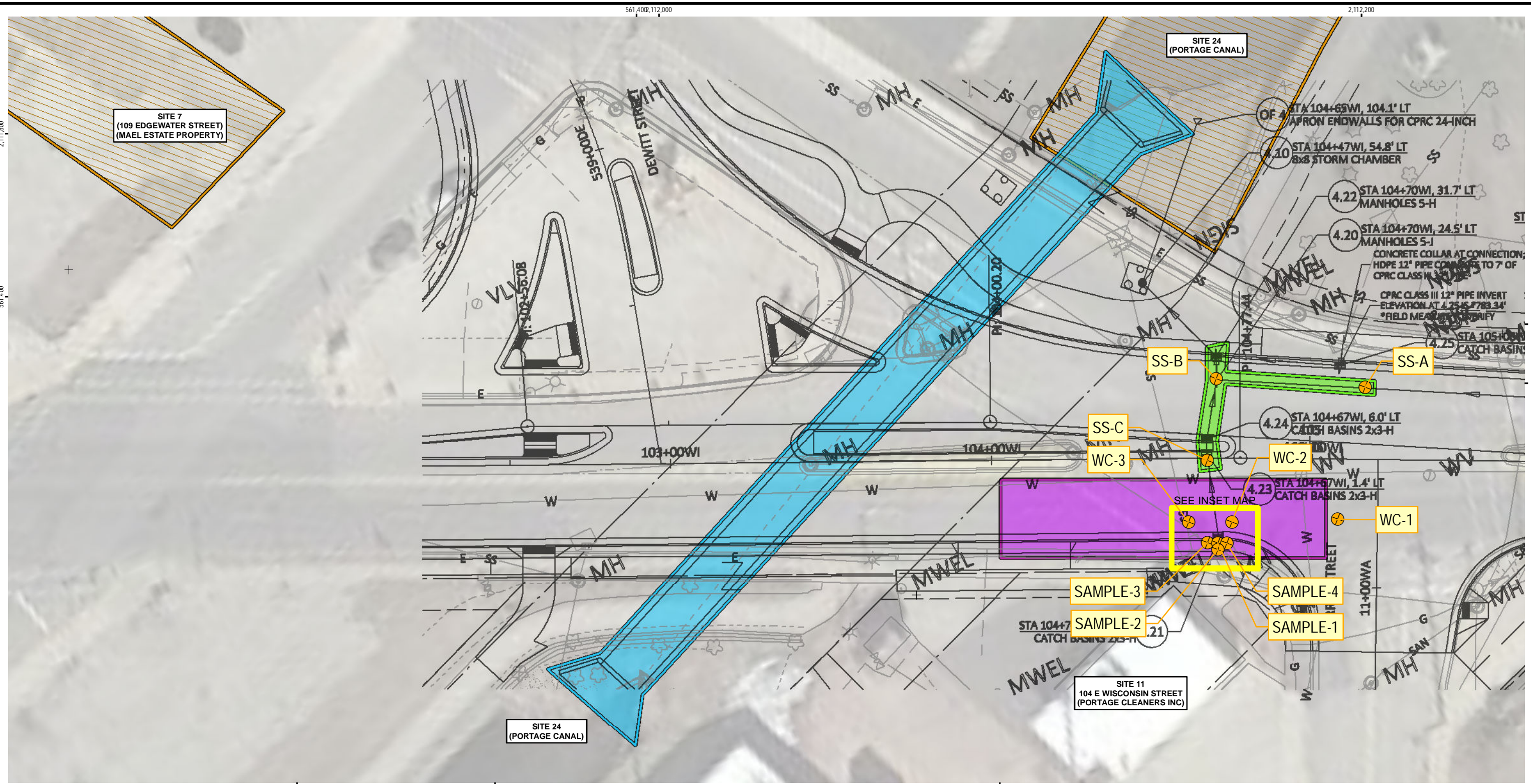
PROJECT: **WISDOT ID# 6918-01-72**
USH 51
PORTAGE, COLUMBIA COUNTY, WISCONSIN

TITLE: **SITE LOCATION MAP**

DRAWN BY: R SUEMNICHT
CHECKED BY: T PERKINS
APPROVED BY: D HAAK
DATE: JULY 2022
PROJ. NO.: 421202
FILE: 421202-101slm.mxd

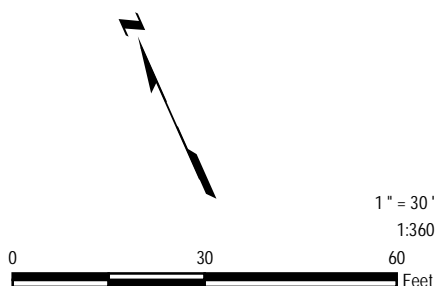
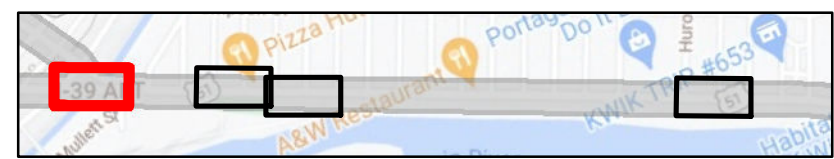
FIGURE 1

TRC - GIS
 Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
 Map Rotation: 24
 Plot Date: 8/12/2022, 09:27:43 AM by AFOJTIK - LAYOUT: ANSIB(11"x17")
 Path: S:\PROJECTS\WI_DOT\DOT12017_27755421202-103mb.mxd



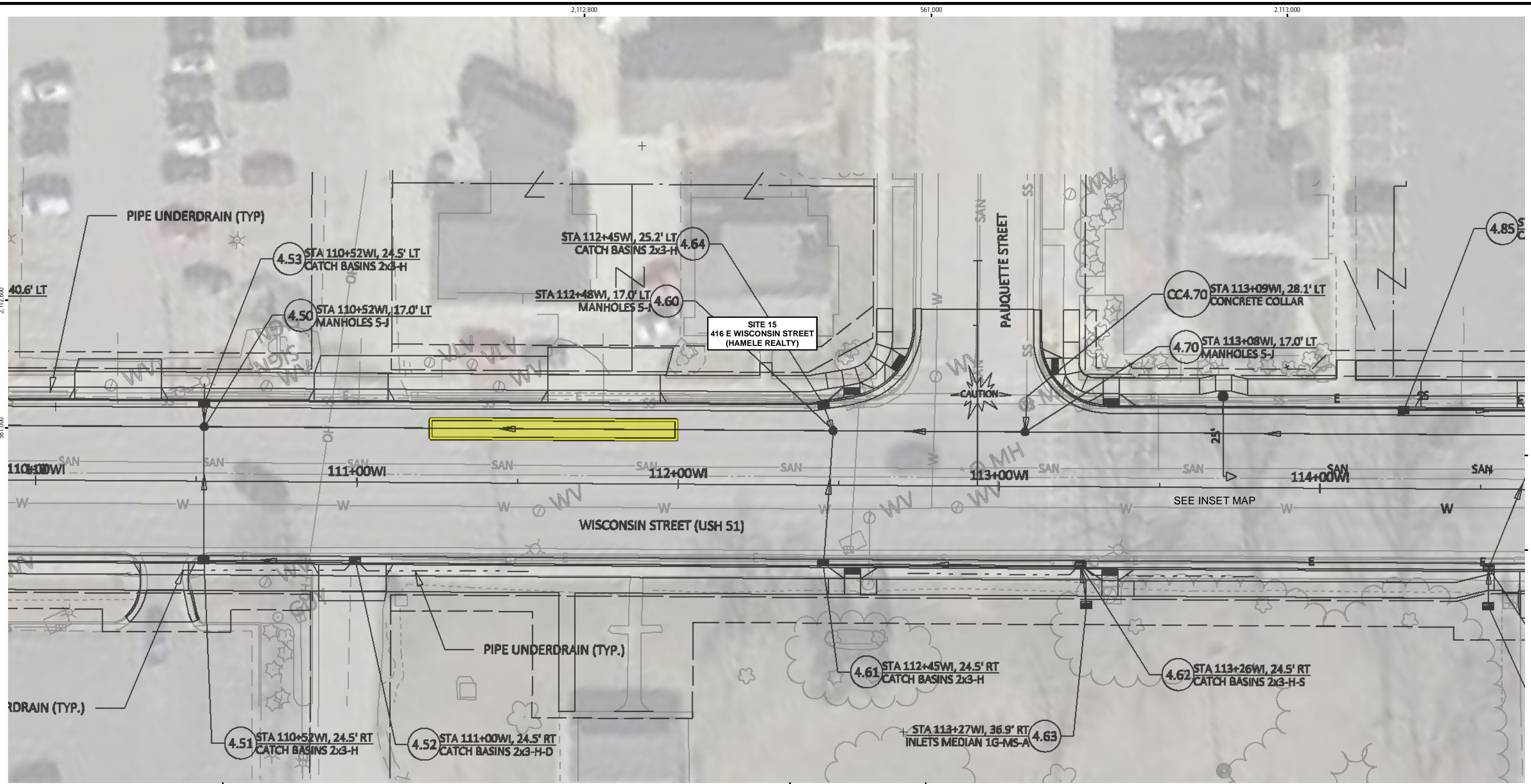
- LEGEND**
- SOIL SAMPLE LOCATION (2021)
 - FIELD-SCREENED: EVIDENCE OF CVOC CONTAMINATED/ LOW-LEVEL CVOC CONTAMINATED SOIL ENCOUNTERED AND REUSED ON SITE (SEE NOTE 4)
 - FIELD-SCREENED: EVIDENCE OF CVOC CONTAMINATED SOIL ENCOUNTERED (SEE NOTE 5)
 - FIELD-SCREENED: METALS AND CHLORINATED CONTAMINATED SOIL PRESENT (SEE NOTE 6)
 - CAP EXTENT

- NOTES**
1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO & PARTNERS, (3/11/2021).
 2. CONSTRUCTION PLANS PROVIDED BY WISDOT, LOCATIONS ARE APPROXIMATE.
 3. MAP PROJECTION AND GRID COORDINATES ARE NAD83 STATE PLANE WISCONSIN-SOUTH (US SURVEY FEET).
 4. TRC FIELD-SCREENED SOIL WITHIN THE APPROXIMATE EXTENTS SHOWN AND EVIDENCE OF LOW-LEVEL CVOC CONTAMINATION/COVC CONTAMINATION WAS OBSERVED AND BENEFICIALLY REUSED AS BACKFILL.
 5. TRC FIELD-SCREENED SOIL WITHIN THE APPROXIMATE EXTENTS SHOWN AND EVIDENCE OF CONTAMINATION WAS OBSERVED (I.E. PID > 1 PPM, ODORS, STAINING).
 6. SOIL WITHIN THE APPROXIMATE EXTENTS WAS CONSIDERED TO BE COTAMINATED BASED ON TRC FIELD-SCREENING RESULTS AND/OR PREVIOUS INVESTIGATIONS.



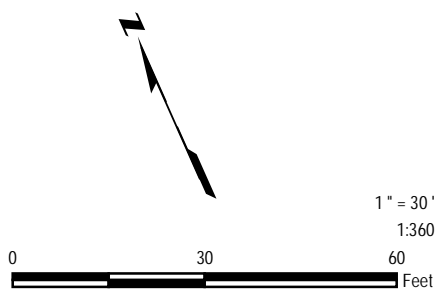
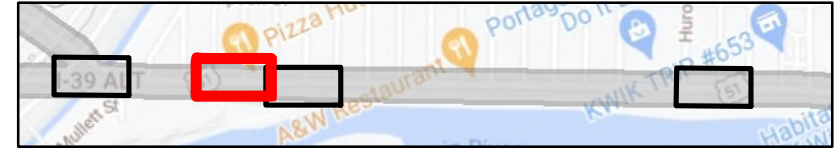
PROJECT: WISDOT ID# 6918-01-72	
USH 51	
PORTAGE, COLUMBIA COUNTY, WISCONSIN	
TITLE: SITE MAP	
SITE 11 AND SITE 24	
DRAWN BY: A. ADAIR	PROJ NO.: 421202
CHECKED BY: T PERKINS	
APPROVED BY: D HAAK	FIGURE 2-1
DATE: AUGUST 2022	
FILE NO.:	421202-103mb.mxd

TRC - GIS
 Coordinate System: MAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
 Map Rotation: 24
 Plot Date: 8/12/2022 09:27:43 AM by AFOJTK - LAYOUT: ANSIB(11'x17')
 Path: S:\1-PROJECTS\WI_DOT\2017_27755421202-103mb.mxd



LEGEND
 FIELD-SCREENED: EVIDENCE OF PETROLEUM CONTAMINATED SOIL ENCOUNTERED (SEE NOTE)

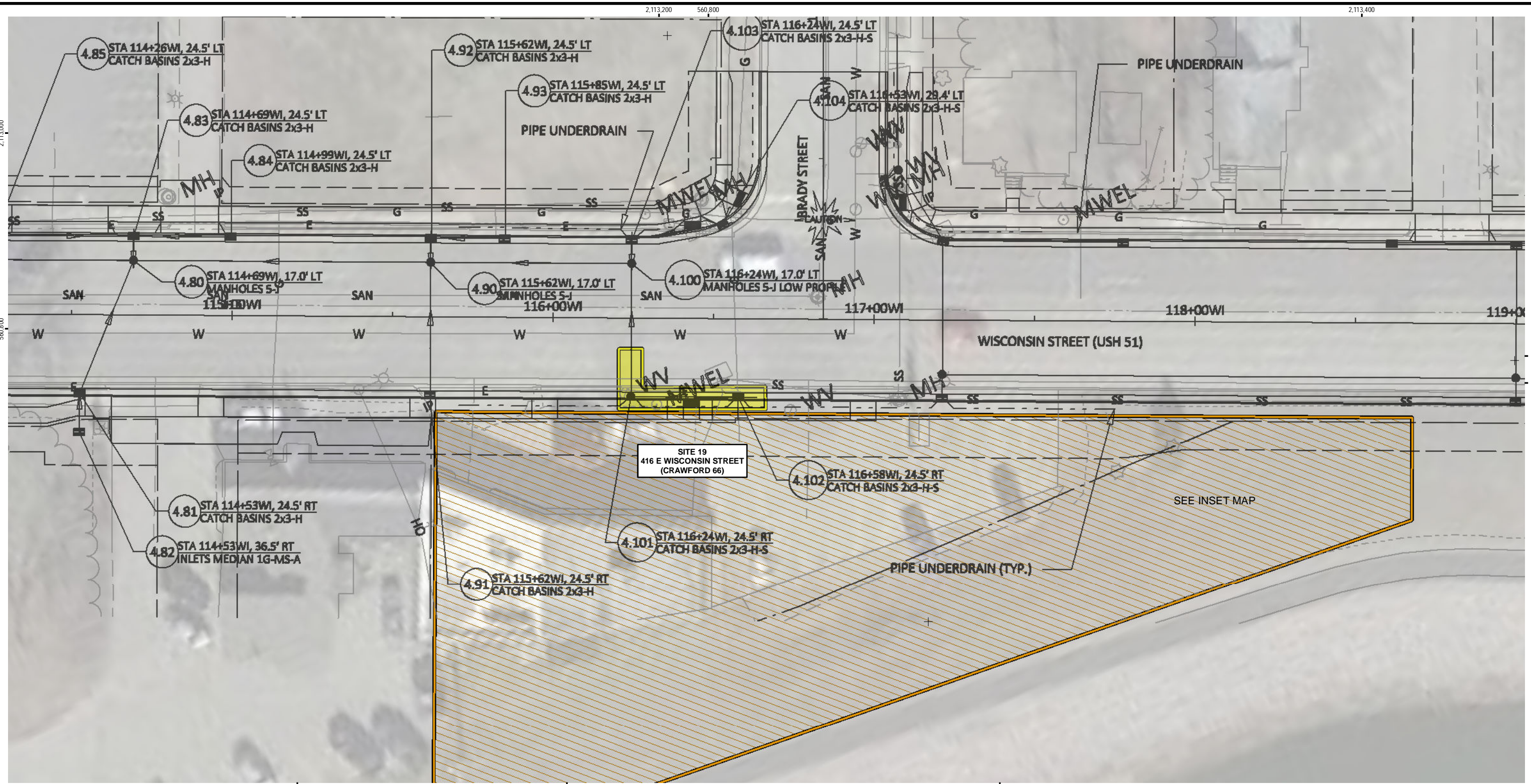
- NOTES**
1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO & PARTNERS, (3/11/2021).
 2. CONSTRUCTION PLANS PROVIDED BY WisDOT, LOCATIONS ARE APPROXIMATE.
 3. MAP PROJECTION AND GRID COORDINATES ARE NAD83 STATE PLANE WISCONSIN-SOUTH (US SURVEY FEET).
 4. TRC FIELD-SCREENED SOIL WITHIN THE APPROXIMATE EXTENTS SHOWN AND EVIDENCE OF PETROLEUM CONTAMINATION WAS OBSERVED (I.E. PID < 10 PPM, ODORS, STAINING).



PROJECT: WISDOT ID# 6918-01-72	
USH 51	
PORTAGE, COLUMBIA COUNTY, WISCONSIN	
TITLE: SITE MAP	
SITE 15	
DRAWN BY: A. ADAIR	PROJ NO.: 421202
CHECKED BY: T PERKINS	
APPROVED BY: D HAAK	FIGURE 2-2
DATE: AUGUST 2022	
FILE NO.:	421202-103mb.mxd

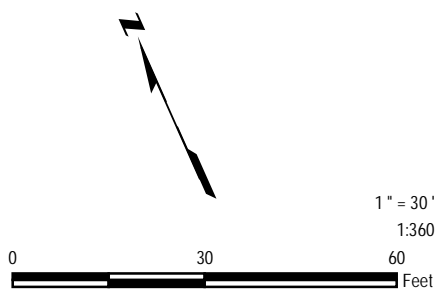
1" = 30'
 1:360
 60
 Feet

TRC - GIS
 Coordinate System: MAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
 Map Rotation: 24
 Plot Date: 8/12/2022 09:27:43 AM by AFOJTK - LAYOUT: ANSIB(11"x17")
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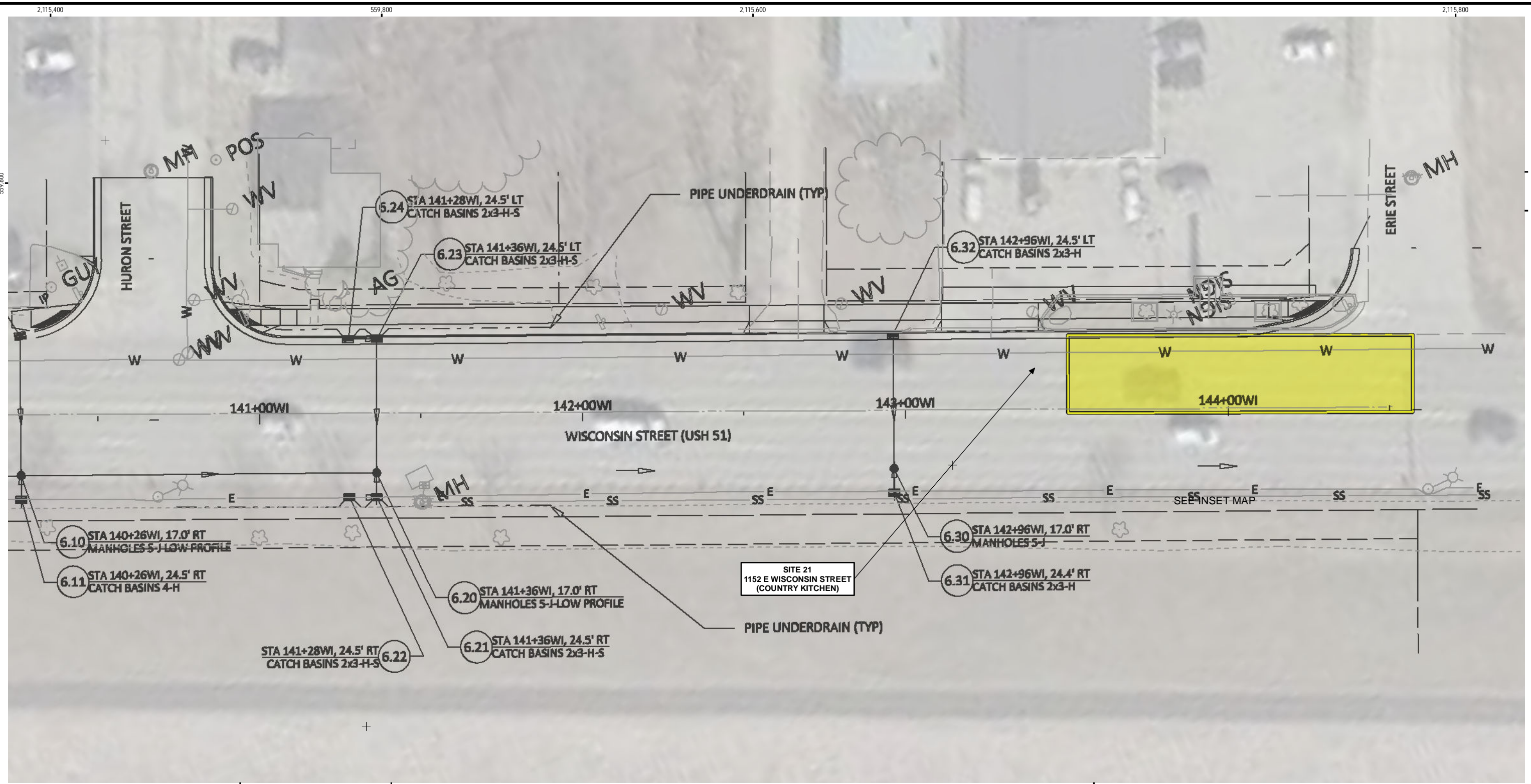


LEGEND
 FIELD-SCREENED: EVIDENCE OF PETROLEUM CONTAMINATED SOIL ENCOUNTERED (SEE NOTE 4)
 CAP EXTENT

- NOTES**
1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO & PARTNERS, (3/11/2021).
 2. CONSTRUCTION PLANS PROVIDED BY WisDOT, LOCATIONS ARE APPROXIMATE.
 3. MAP PROJECTION AND GRID COORDINATES ARE NAD83 STATE PLANE WISCONSIN-SOUTH (US SURVEY FEET).
 4. TRC FIELD-SCREENED SOIL WITHIN THE APPROXIMATE EXTENTS SHOWN AND EVIDENCE OF PETROLEUM CONTAMINATION WAS OBSERVED (I.E. PID < 10 PPM, ODORS, STAINING).

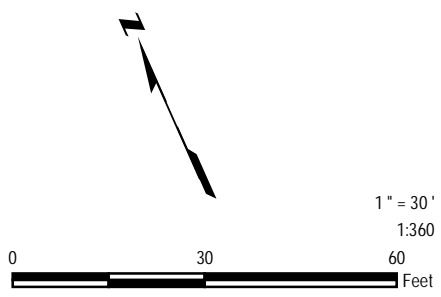
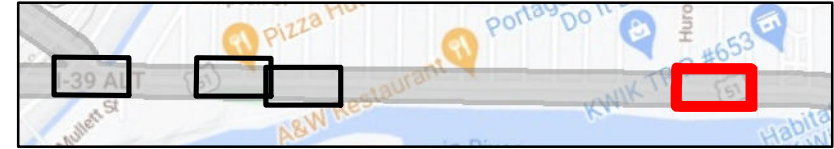


PROJECT: WISDOT ID# 6918-01-72	
USH 51	
PORTAGE, COLUMBIA COUNTY, WISCONSIN	
TITLE: SITE MAP	
SITE 19	
DRAWN BY: A. ADAIR	PROJ NO.: 421202
CHECKED BY: T. PERKINS	FIGURE 2-3
APPROVED BY: D. HAAK	
DATE: AUGUST 2022	
FILE NO.: 421202-103mb.mxd	



LEGEND
 FIELD-SCREENED: EVIDENCE OF PETROLEUM CONTAMINATED SOIL ENCOUNTERED (SEE NOTE)

- NOTES**
1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO & PARTNERS, (3/11/2021).
 2. CONSTRUCTION PLANS PROVIDED BY WISDOT, LOCATIONS ARE APPROXIMATE.
 3. MAP PROJECTION AND GRID COORDINATES ARE NAD83 STATE PLANE WISCONSIN-SOUTH (US SURVEY FEET).
 4. TRC FIELD-SCREENED SOIL WITHIN THE APPROXIMATE EXTENTS SHOWN AND EVIDENCE OF PETROLEUM CONTAMINATION WAS OBSERVED (I.E. PID < 10 PPM, ODORS, STAINING).



PROJECT: WISDOT ID# 6918-01-72	
USH 51	
PORTAGE, COLUMBIA COUNTY, WISCONSIN	
TITLE: SITE MAP	
SITE 21	
DRAWN BY: A. ADAIR	PROJ NO.: 421202
CHECKED BY: T. PERKINS	FIGURE 2-4
APPROVED BY: D. HAAK	
DATE: AUGUST 2022	
FILE NO.: 421202-103mb.mxd	

Appendix A: Construction Plans



All Bids Received
December 8, 2020

Proposal Call: 014 Proposal ID: 20201208014

State Project(s): 6918-01-72

Location: Columbia

C Portage, Wisconsin & Dewitt Sts; Ontario Street To E Pleasant Street

USH 051, Columbia County

C Portage, Wisconsin & Dewitt STS

Type Of Work: General Constr - No Dominant Work Type

Bidder No. 1 A-1 EXCAVATING INC.

Bloomer, WI 54724

Bidder No. 2 JAMES PETERSON SONS, INC.

Medford, WI 54451-0120

Bidder No. 3 GERKE EXCAVATING INC

15341 State Hwy 131

Tomah, WI 54660

Item Number	Item Description	Unit	Estimated Quantity	Bidder No. 1		Bidder No. 2		Bidder No. 3	
				Bid Price	Amount	Bid Price	Amount	Bid Price	Amount
201.0120	Clearing	ID	263.000	29.00	7,627.00	28.50	7,495.50	30.67	8,066.21
201.0220	Grubbing	ID	263.000	34.00	8,942.00	28.50	7,495.50	26.14	6,874.82
203.0200	Removing Old Structure (station) 01. 103+50 'WI'	LS	1.000	12,500.00	12,500.00	31,500.00	31,500.00	39,420.66	39,420.66
203.0200	Removing Old Structure (station) 01. 16+50 'C'	LS	1.000	2,000.00	2,000.00	5,000.00	5,000.00	1,108.49	1,108.49
204.0100	Removing Concrete Pavement	SY	32,300.000	4.00	129,200.00	0.75	24,225.00	3.37	108,851.00
204.0115	Removing Asphaltic Surface Butt Joints	SY	365.000	18.00	6,570.00	17.60	6,424.00	17.60	6,424.00
204.0130	Removing Curb	LF	190.000	3.00	570.00	2.00	380.00	3.27	621.30
204.0150	Removing Curb & Gutter	LF	2,330.000	3.00	6,990.00	2.00	4,660.00	2.92	6,803.60
204.0155	Removing Concrete Sidewalk	SY	5,070.000	6.00	30,420.00	5.00	25,350.00	4.40	22,308.00
204.0185	Removing Masonry	CY	3.000	200.00	600.00	200.00	600.00	210.69	632.07
204.0195	Removing Concrete Bases	EACH	51.000	250.00	12,750.00	350.00	17,850.00	339.60	17,319.60
204.0210	Removing Manholes	EACH	15.000	400.00	6,000.00	575.00	8,625.00	444.44	6,666.60
204.0215	Removing Catch Basins	EACH	29.000	360.00	10,440.00	350.00	10,150.00	373.47	10,830.63
204.0245	Removing Storm Sewer (size) 01. (10-Inch)	LF	329.000	10.00	3,290.00	16.62	5,467.98	15.09	4,964.61
204.0245	Removing Storm Sewer (size) 02. (12-Inch)	LF	3,096.000	10.00	30,960.00	9.54	29,535.84	15.16	46,935.36
204.0245	Removing Storm Sewer (size) 03. (15-Inch)	LF	420.000	12.00	5,040.00	15.45	6,489.00	15.04	6,316.80
204.0245	Removing Storm Sewer (size) 04. (18-Inch)	LF	1,396.000	12.00	16,752.00	13.70	19,125.20	15.19	21,205.24



All Bids Received
December 8, 2020

Proposal Call: 014 Proposal ID: 20201208014

State Project(s): 6918-01-72

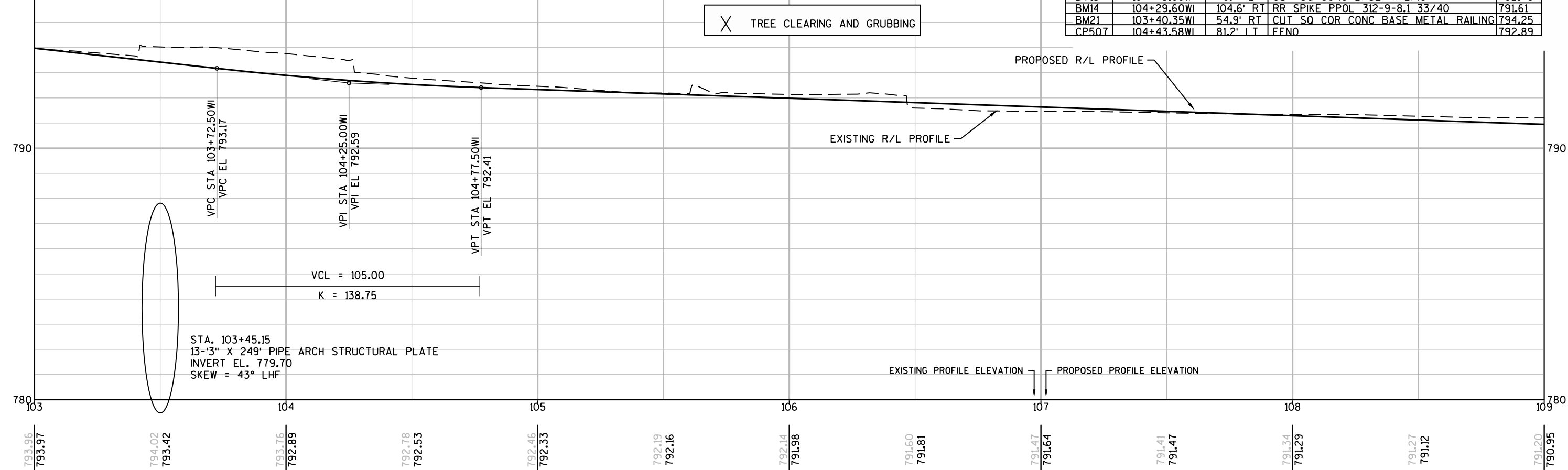
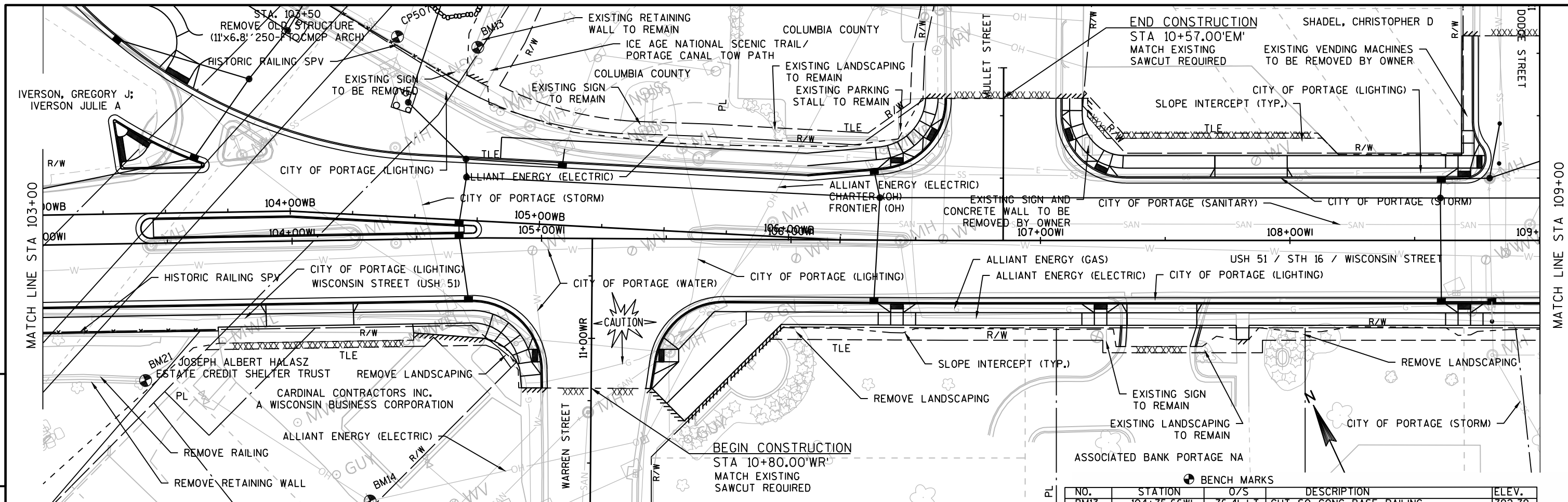
Location: Columbia

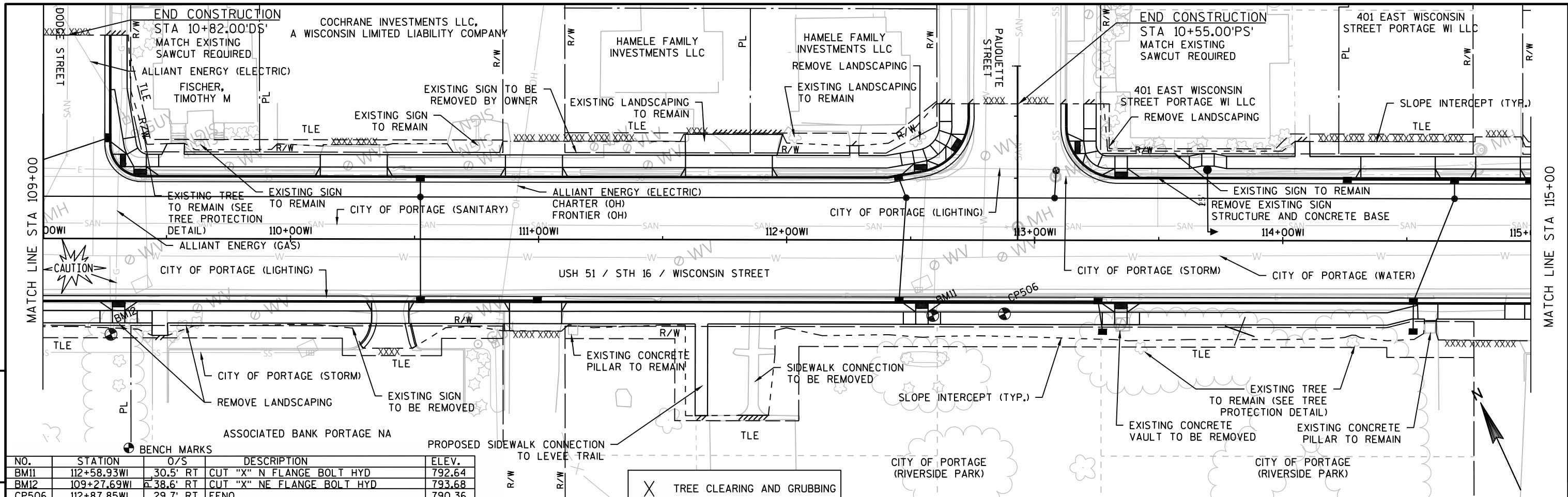
C Portage, Wisconsin & Dewitt Sts; Ontario Street To E Pleasant Street

USH 051, Columbia County

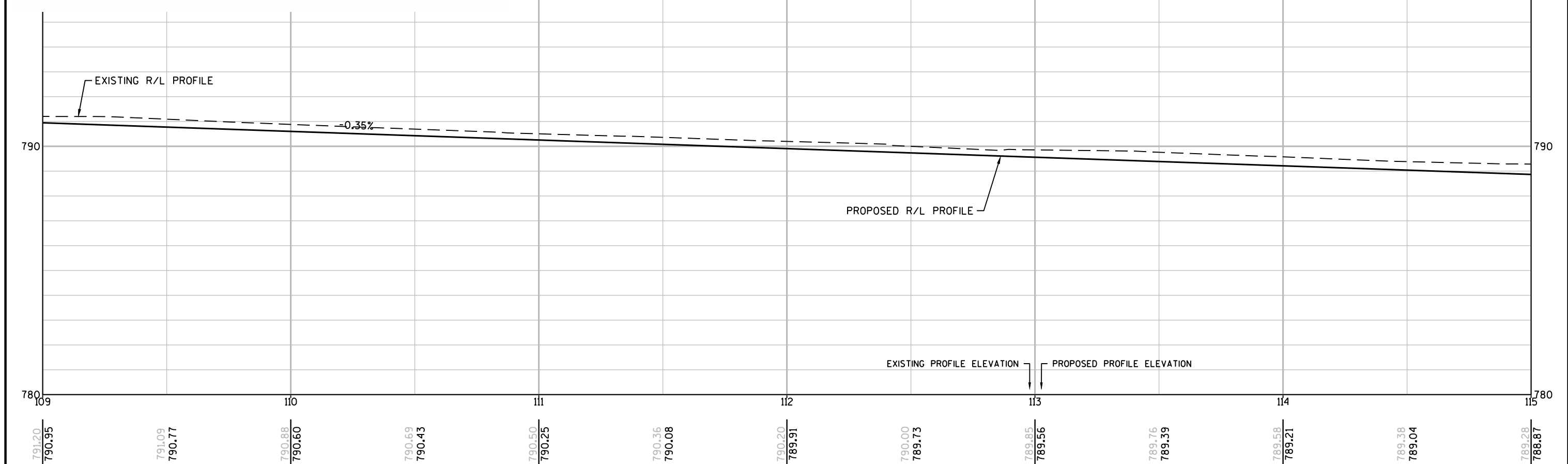
C Portage, Wisconsin & Dewitt STS

Item Number	Item Description	Unit	Estimated Quantity	Bidder No. 1		Bidder No. 2		Bidder No. 3	
				Bid Price	Amount	Bid Price	Amount	Bid Price	Amount
SPV.0105	Special 10. Electrical Service Meter Breaker Pedestal Special (Wisconsin & Huron)	LS	1.000	3,050.00	3,050.00	3,000.00	3,000.00	3,000.00	3,000.00
SPV.0105	Special 11. Electrical Service Meter Breaker Pedestal Special (Dewitt & Conant)	LS	1.000	3,050.00	3,050.00	3,000.00	3,000.00	30,000.00	30,000.00
SPV.0165	Special 01. Wall Modular Block Mechanically Stabilized Earth (Levee Connection #1)	SF	825.000	45.00	37,125.00	38.00	31,350.00	38.00	31,350.00
SPV.0165	Special 02. Wall Modular Block Mechanically Stabilized Earth (Levee Connection #2)	SF	675.000	45.00	30,375.00	38.00	25,650.00	38.00	25,650.00
SPV.0165	Special 03. Concrete Sidewalk Thickened Edge	SF	600.000	13.00	7,800.00	7.97	4,782.00	7.97	4,782.00
SPV.0165	Special 04. Sidewalk Vault Closure	SF	100.000	65.00	6,500.00	100.00	10,000.00	45.00	4,500.00
SPV.0195	Special 01. Excavation, Hauling, and Disposal of Contaminated Soil (Bioremediation)	TON	2,450.000	40.00	98,000.00	37.38	91,581.00	41.01	100,474.50
SPV.0195	Special 02. Excavating, Hauling, and Disposal of Contaminated Soil (Direct Landfill)	TON	2,800.000	55.00	154,000.00	52.05	145,740.00	56.32	157,696.00
Proposal Total:					\$6,988,765.89		\$7,268,030.22		\$7,620,261.20

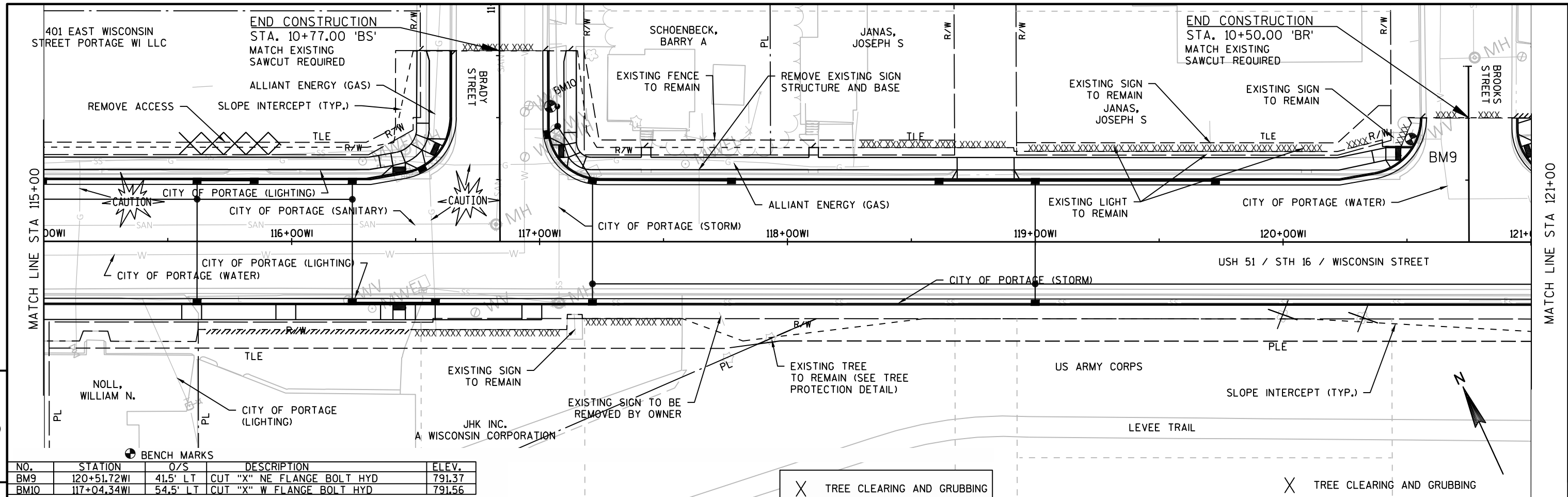




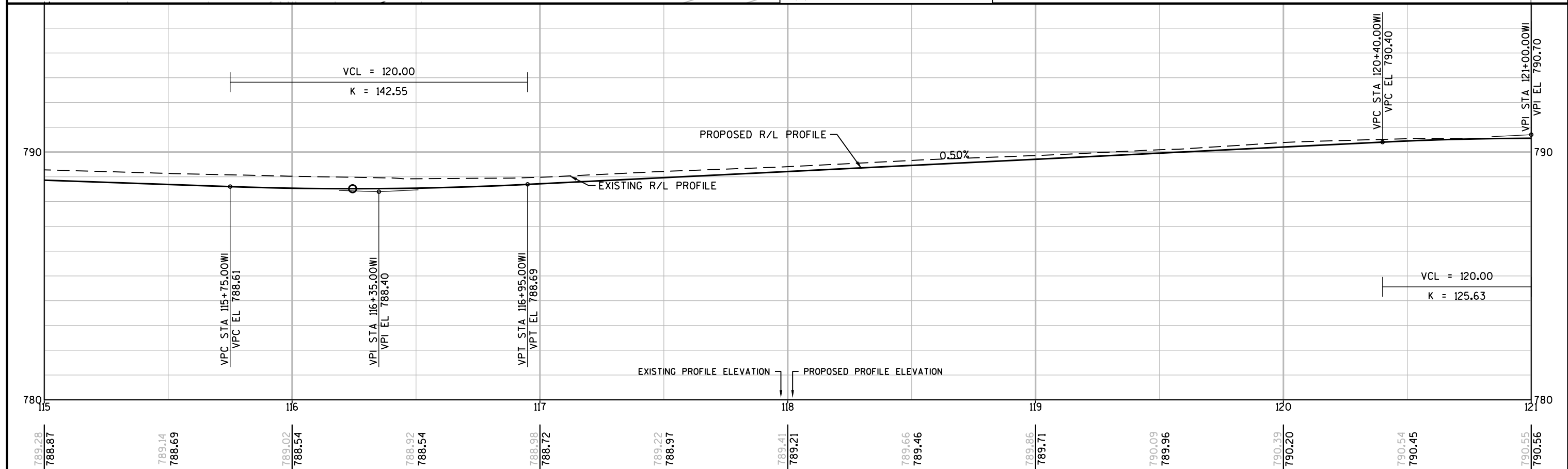
NO.	STATION	O/S	DESCRIPTION	ELEV.
BM11	112+58.93WI	30.5' RT	CUT "X" N FLANGE BOLT HYD	792.64
BM12	109+27.69WI	38.6' RT	CUT "X" NE FLANGE BOLT HYD	793.68
CP506	112+87.85WI	29.7' RT	FFNO	790.36



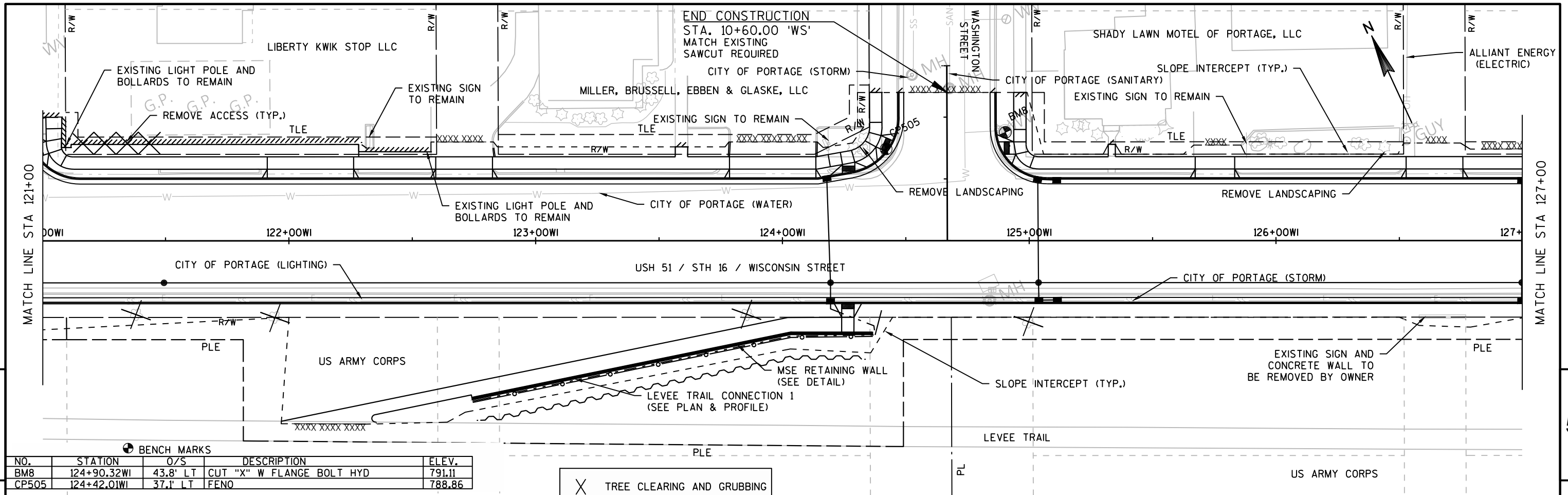
PROJECT NO: 6918-01-72 HWY: USH 51 COUNTY: COLUMBIA PLAN AND PROFILE: WISCONSIN STREET SHEET **E**



NO.	STATION	O/S	DESCRIPTION	ELEV.
BM9	120+51.72WI	41.5' LT	CUT "X" NE FLANGE BOLT HYD	791.37
BM10	117+04.34WI	54.5' LT	CUT "X" W FLANGE BOLT HYD	791.56

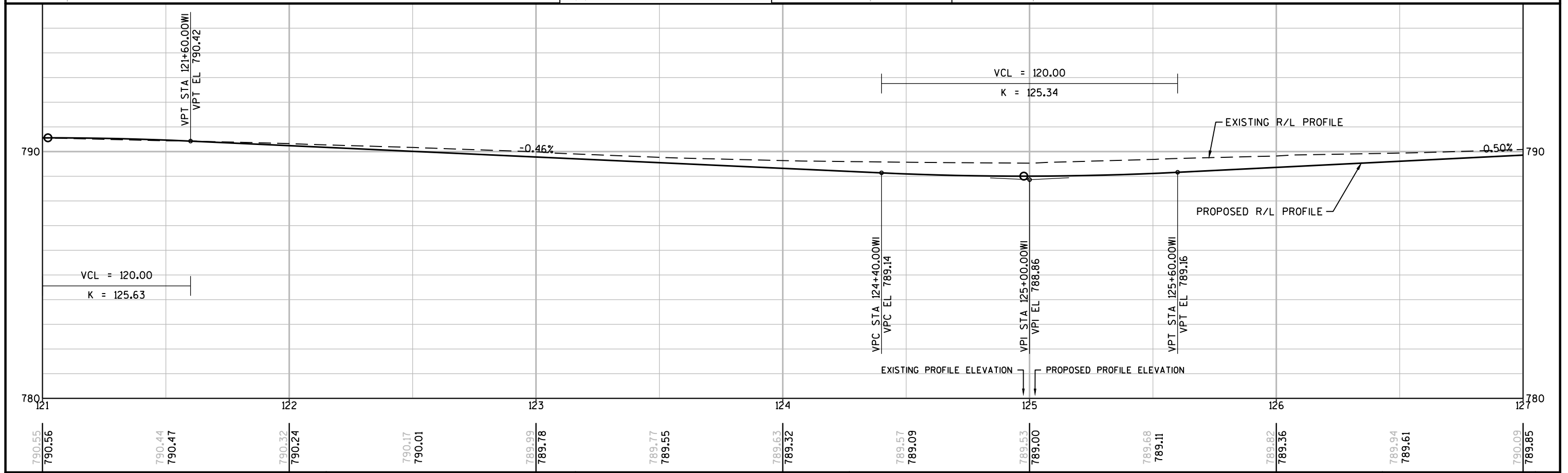


PROJECT NO: 6918-01-72 HWY: USH 51 COUNTY: COLUMBIA PLAN AND PROFILE: WISCONSIN STREET SHEET **E**

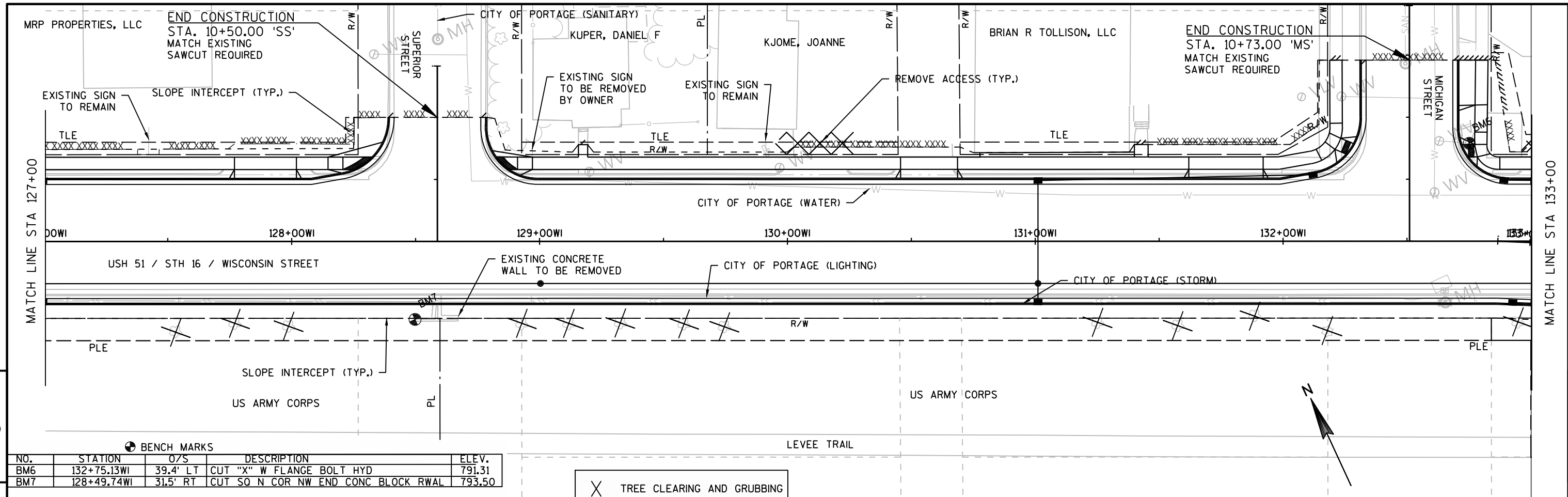


⊕ BENCH MARKS

NO.	STATION	O/S	DESCRIPTION	ELEV.
BM8	124+90.32WI	43.8' LT	CUT "X" W FLANGE BOLT HYD	791.11
CP505	124+42.01WI	37.1' LT	FENO	788.86



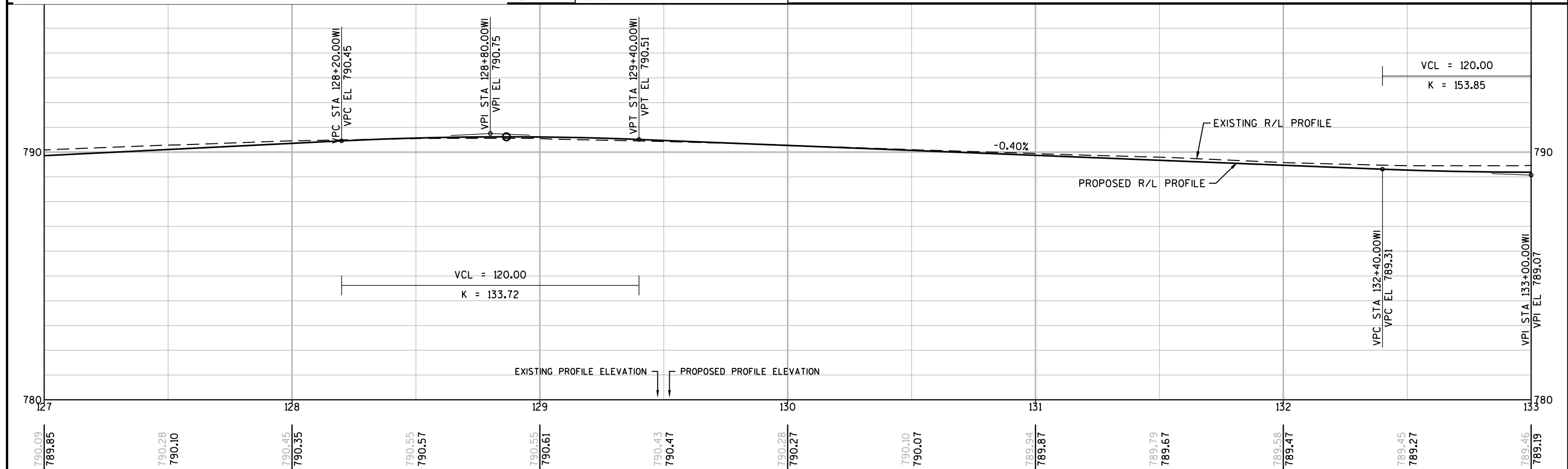
PROJECT NO: 6918-01-72 HWY: USH 51 COUNTY: COLUMBIA PLAN AND PROFILE: WISCONSIN STREET SHEET **E**



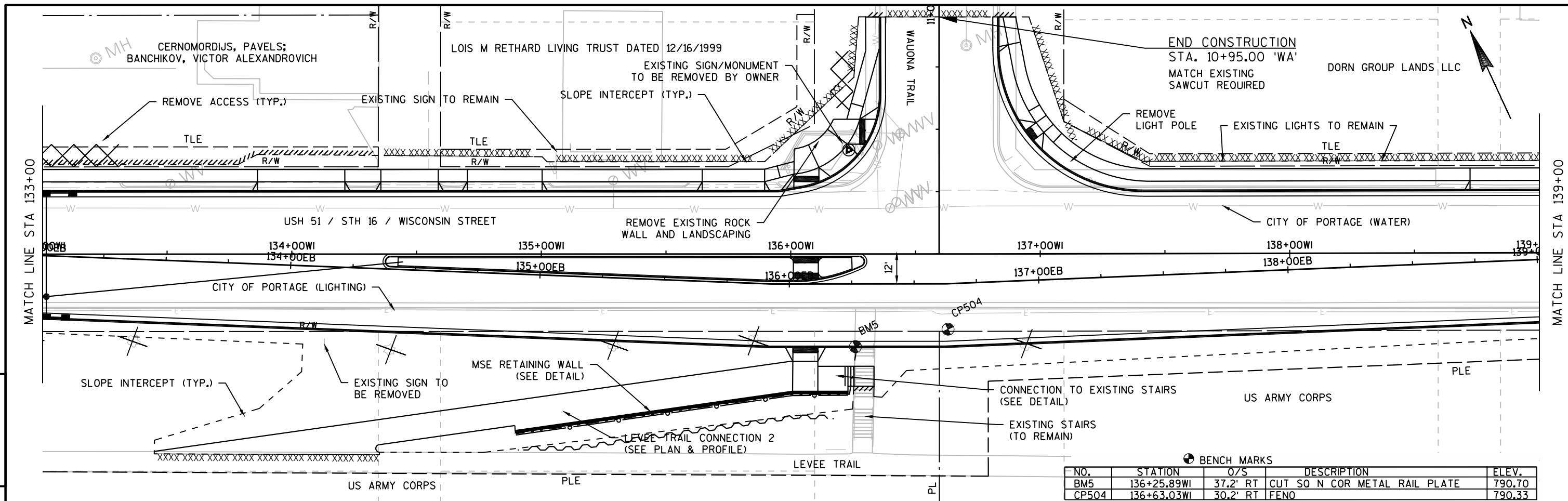
⊕ BENCH MARKS

NO.	STATION	O/S	DESCRIPTION	ELEV.
BM6	132+75.13WI	39.4' LT	CUT "X" W FLANGE BOLT HYD	791.31
BM7	128+49.74WI	31.5' RT	CUT SQ N COR NW END CONC BLOCK RWAL	793.50

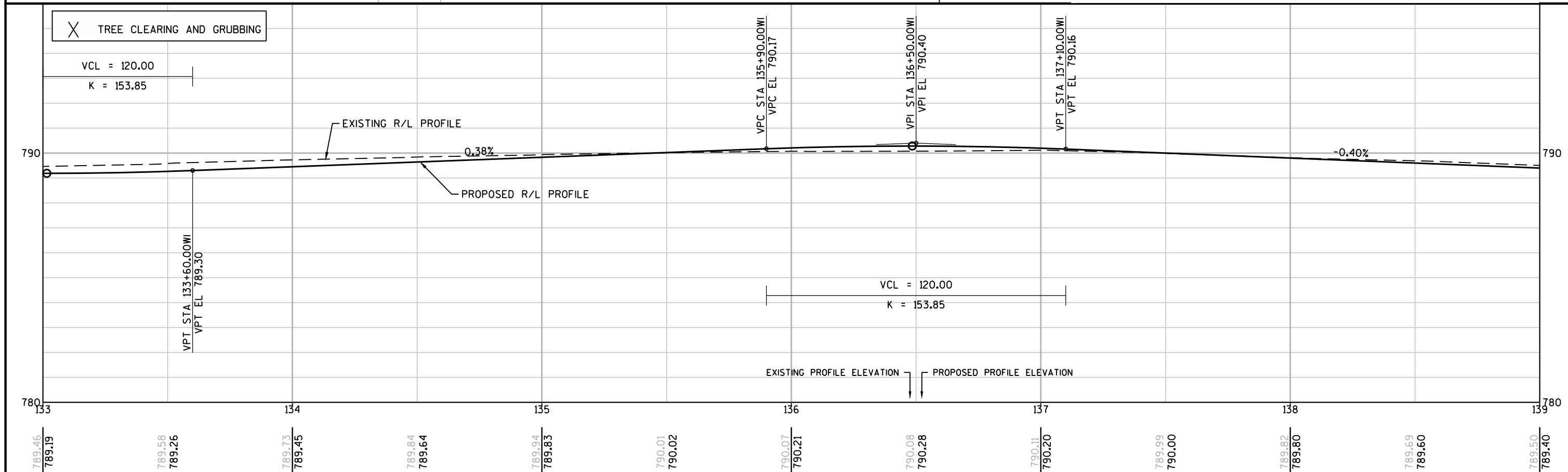
X TREE CLEARING AND GRUBBING



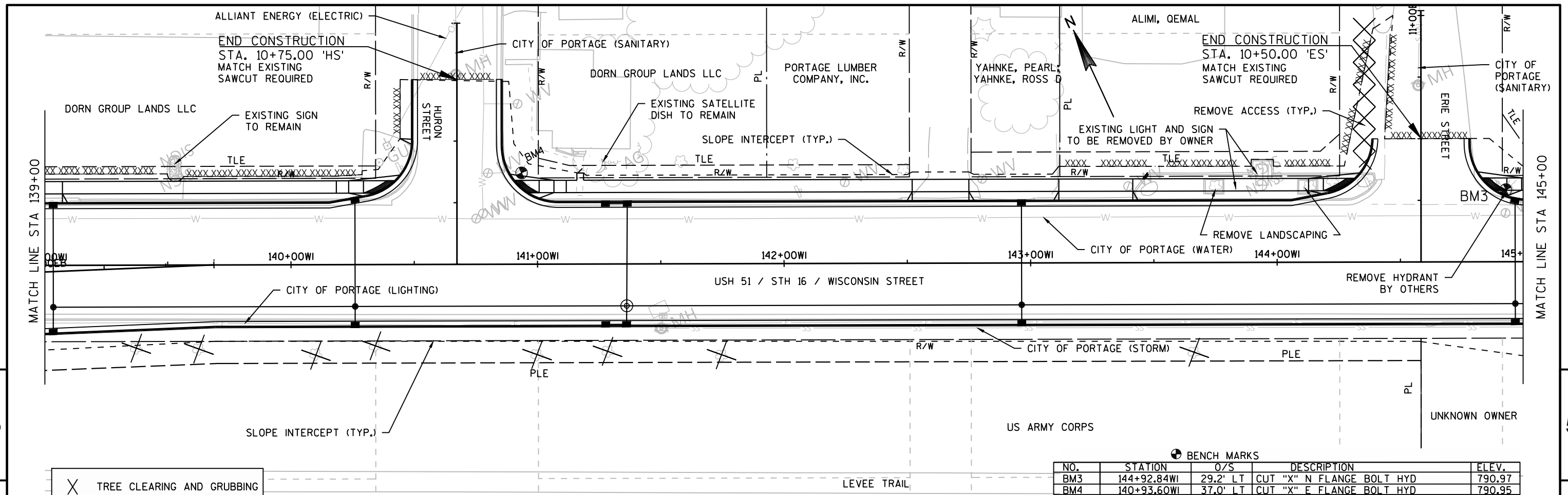
PROJECT NO: 6918-01-72	HWY: USH 51	COUNTY: COLUMBIA	PLAN AND PROFILE: WISCONSIN STREET	SHEET	E
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NO.	STATION	O/S	DESCRIPTION	ELEV.
BM5	136+25.89WI	37.2' RT	CUT SO N COR METAL RAIL PLATE	790.70
CP504	136+63.03WI	30.2' RT	FENO	790.33

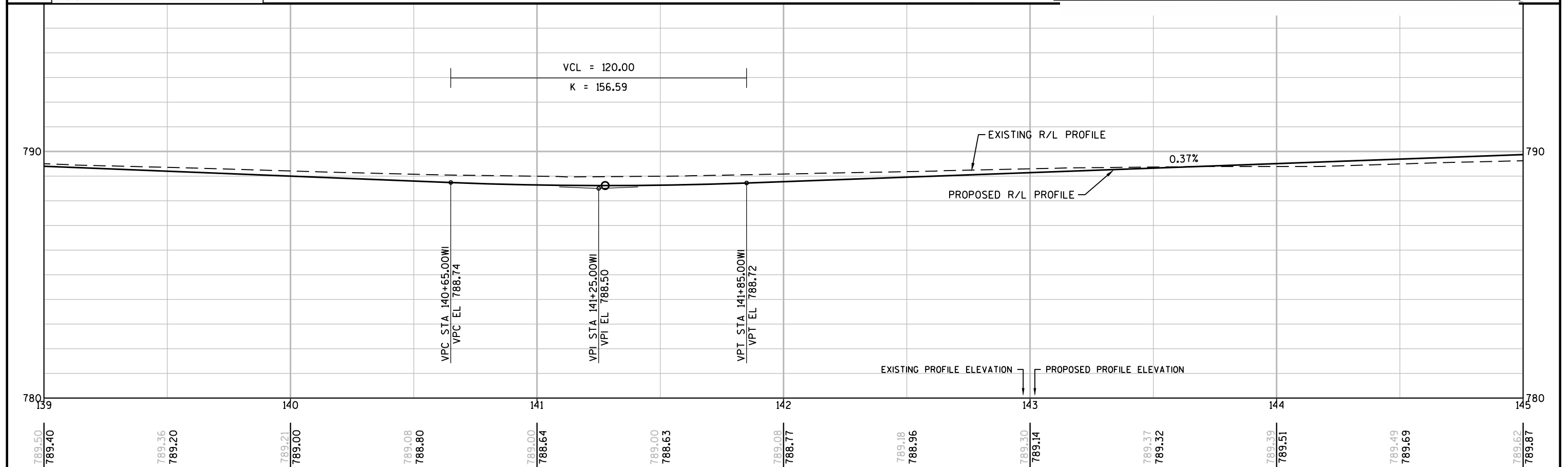


PROJECT NO: 6918-01-72 HWY: USH 51 COUNTY: COLUMBIA PLAN AND PROFILE: WISCONSIN STREET SHEET **E**



BENCH MARKS

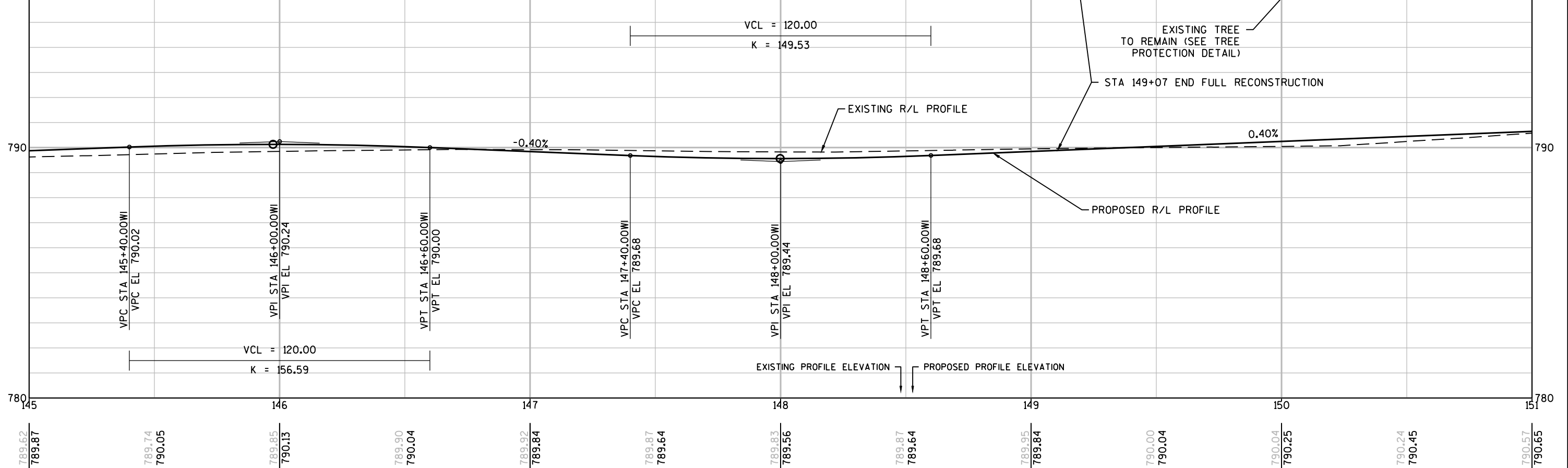
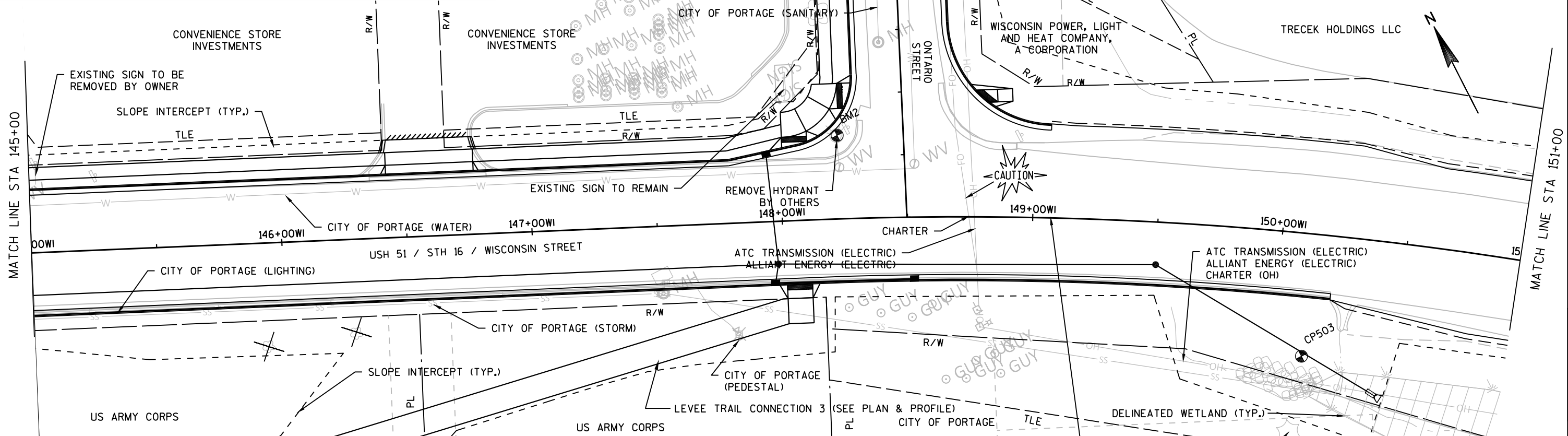
NO.	STATION	O/S	DESCRIPTION	ELEV.
BM3	144+92.84WI	29.2' LT	CUT "X" N FLANGE BOLT HYD	790.97
BM4	140+93.60WI	37.0' LT	CUT "X" E FLANGE BOLT HYD	790.95



BENCH MARKS				
NO.	STATION	O/S	DESCRIPTION	ELEV.
BM2	148+22.99WI	33.3' LT	CUT "X" E FLANGE BOLT HYD	792.19
CP503	150+12.26WI	49.0' RT	FENO	788.02

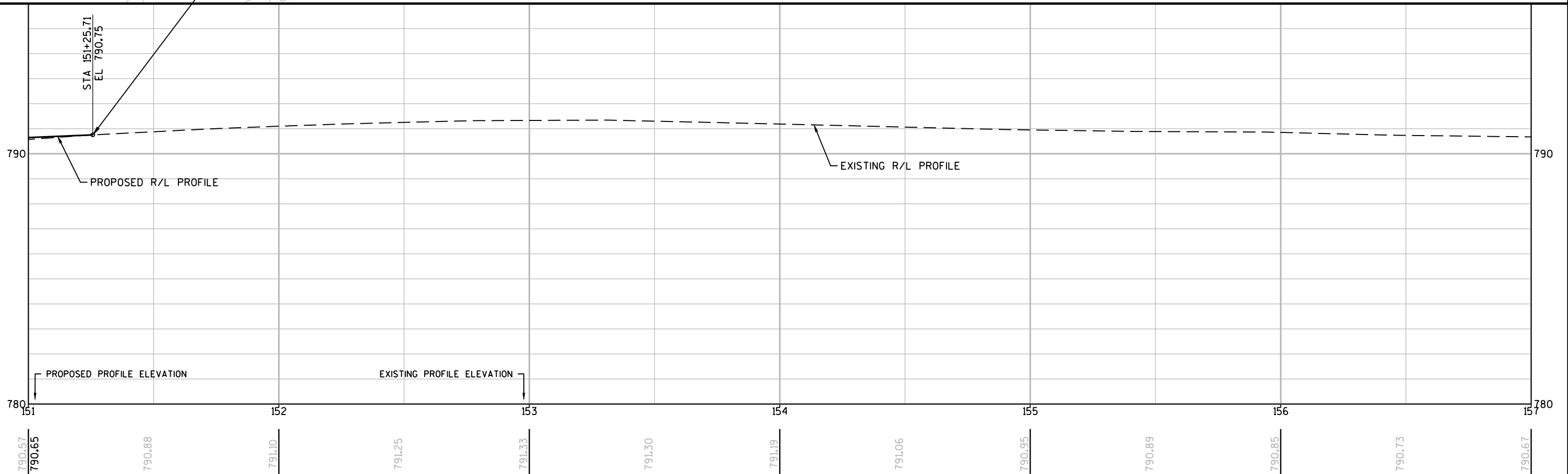
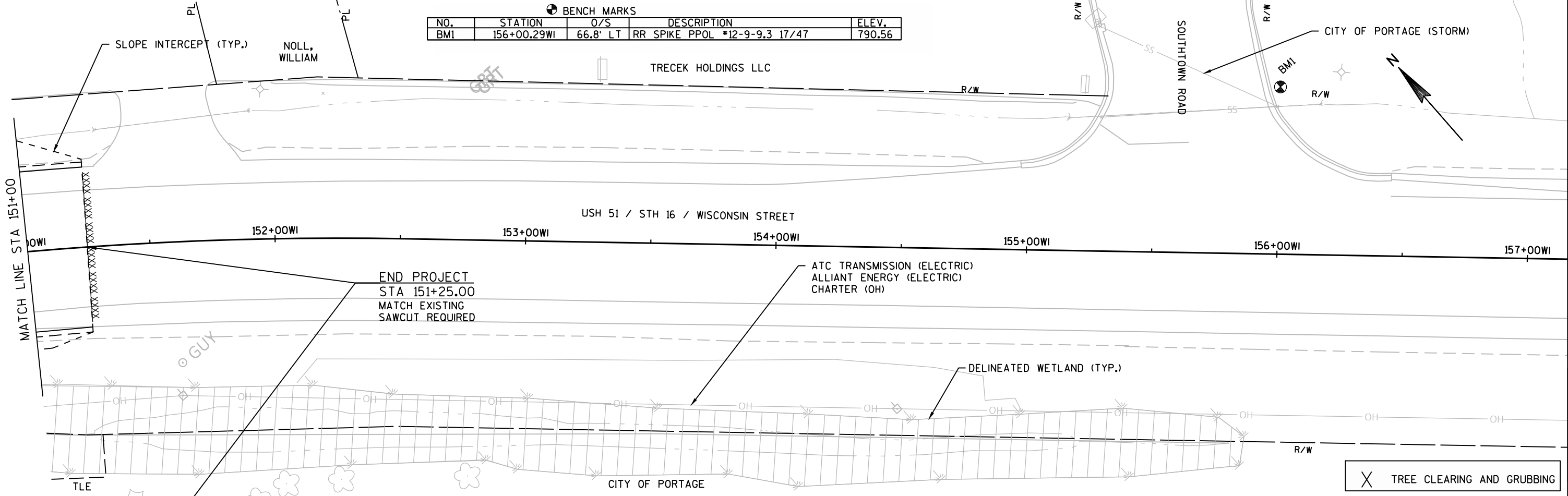
END CONSTRUCTION
 STA. 11+00.00 'OS'
 MATCH EXISTING
 SAWCUT REQUIRED

X TREE CLEARING AND GRUBBING

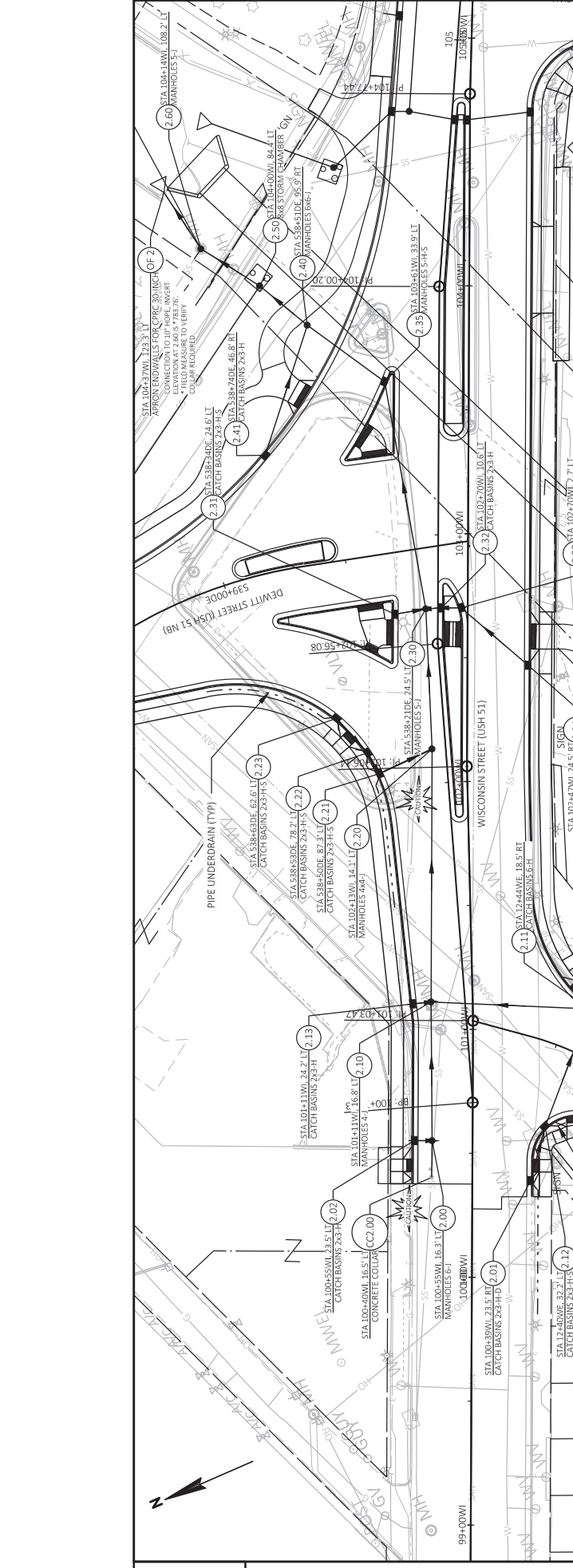


PROJECT NO: 6918-01-72 HWY: USH 51 COUNTY: COLUMBIA PLAN AND PROFILE: WISCONSIN STREET SHEET **E**

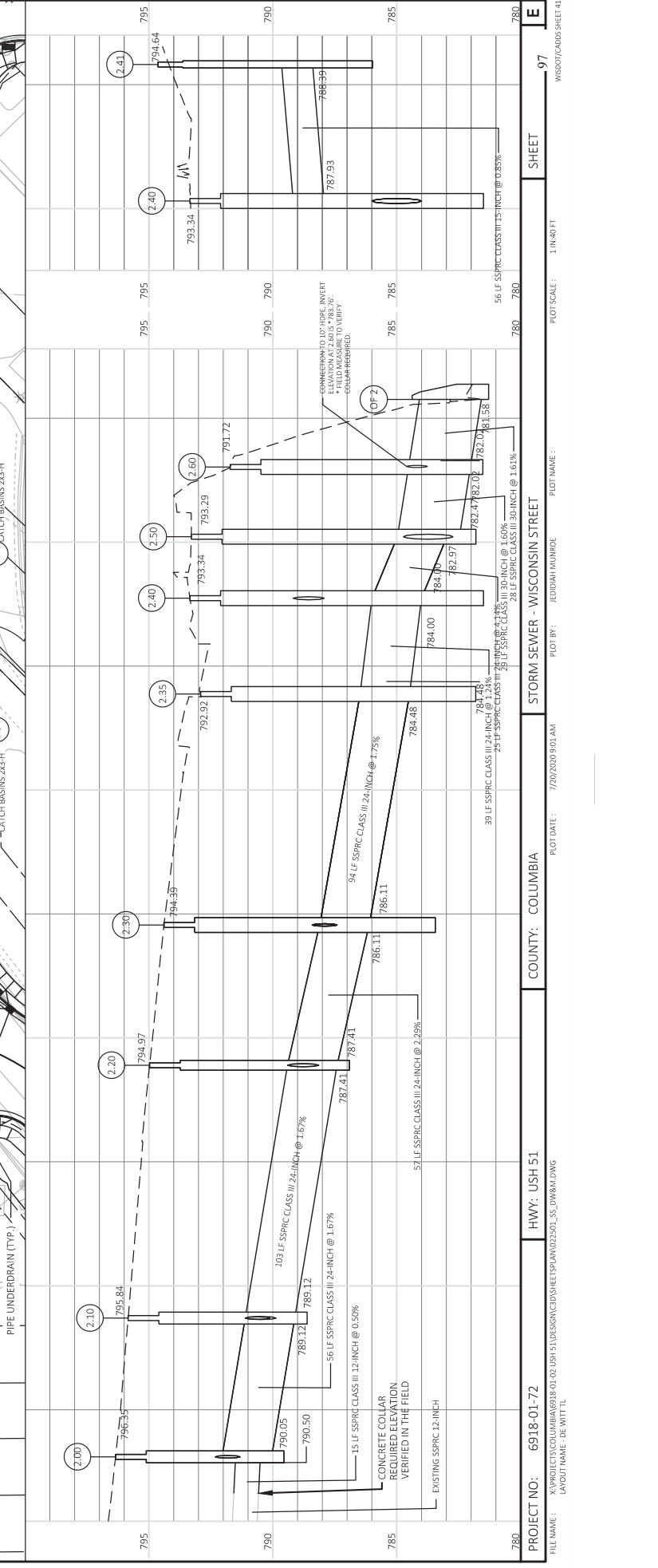
BENCH MARKS				
NO.	STATION	O/S	DESCRIPTION	ELEV.
BM1	156+00.29WI	66.8' LT	RR SPIKE PPOL *12-9-9.3 17/47	790.56



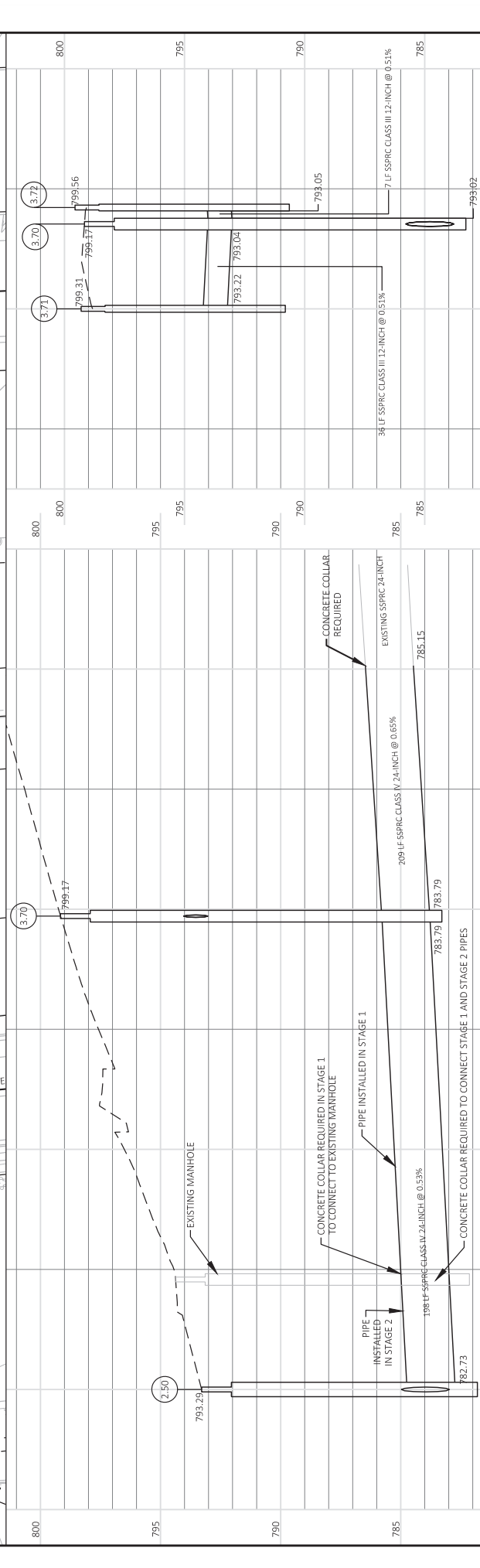
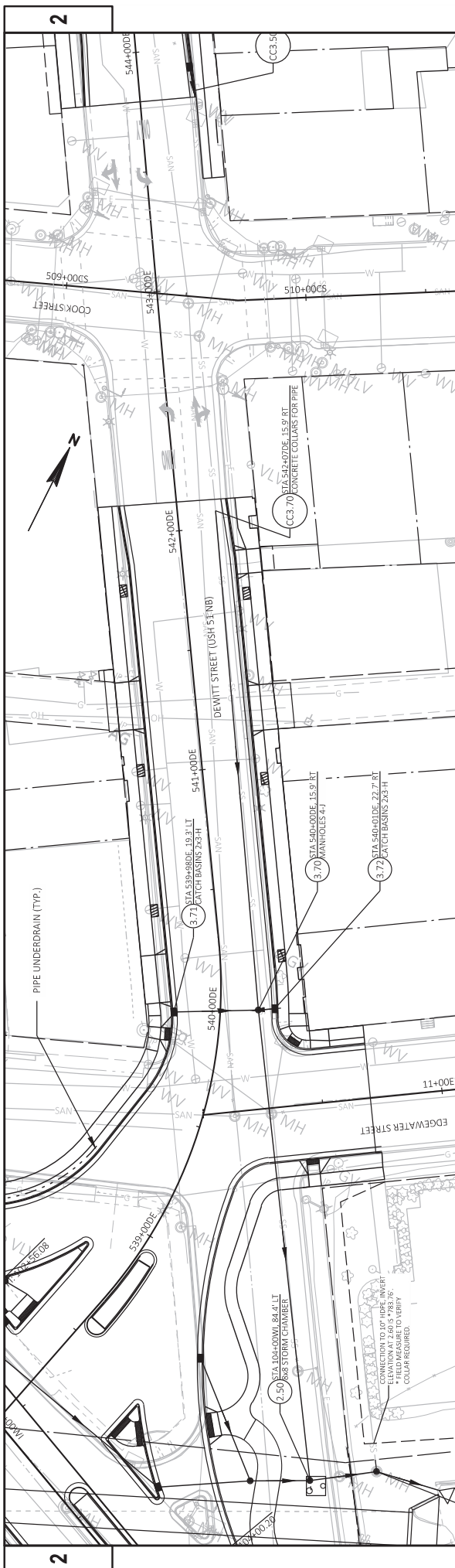
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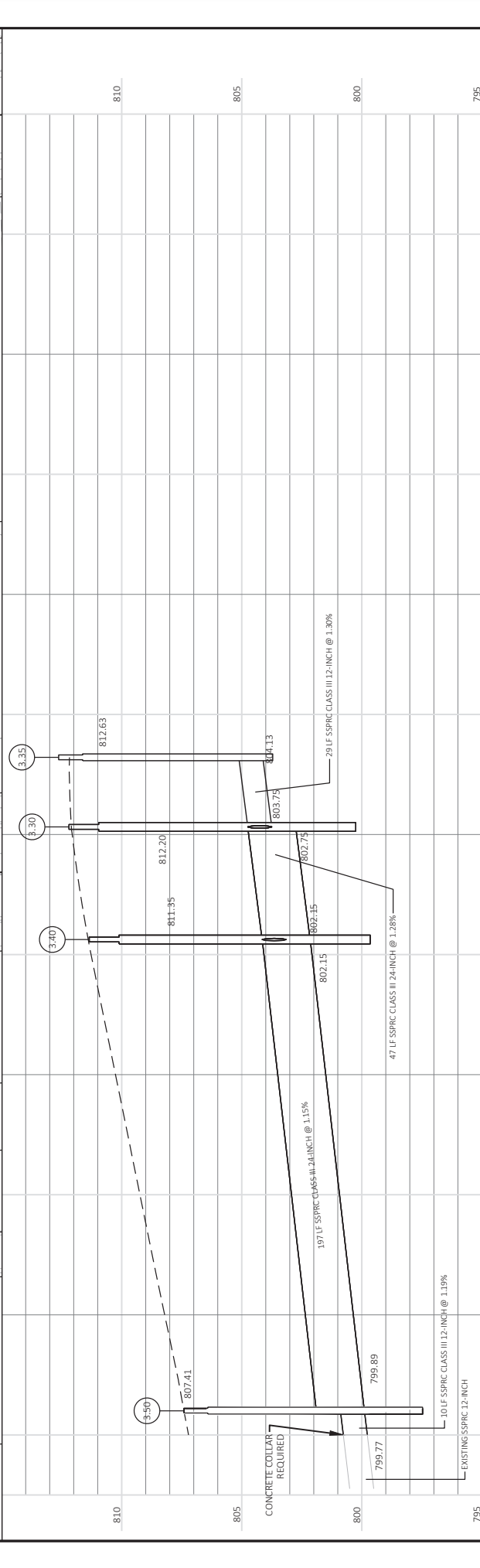
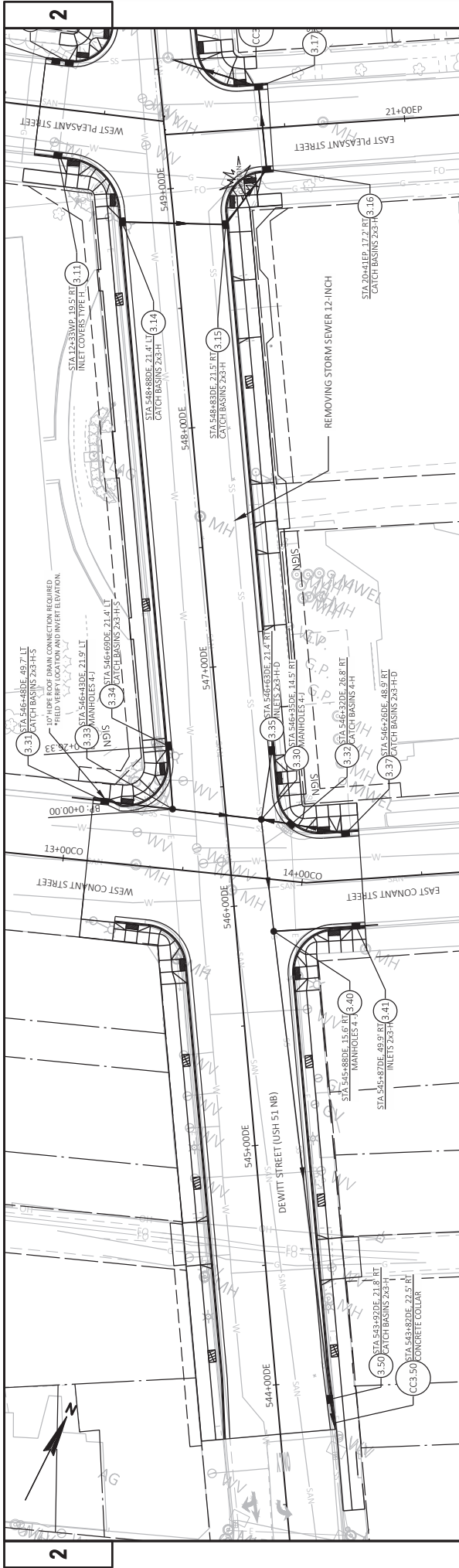
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 LAYOUT NAME: DE WITT LT

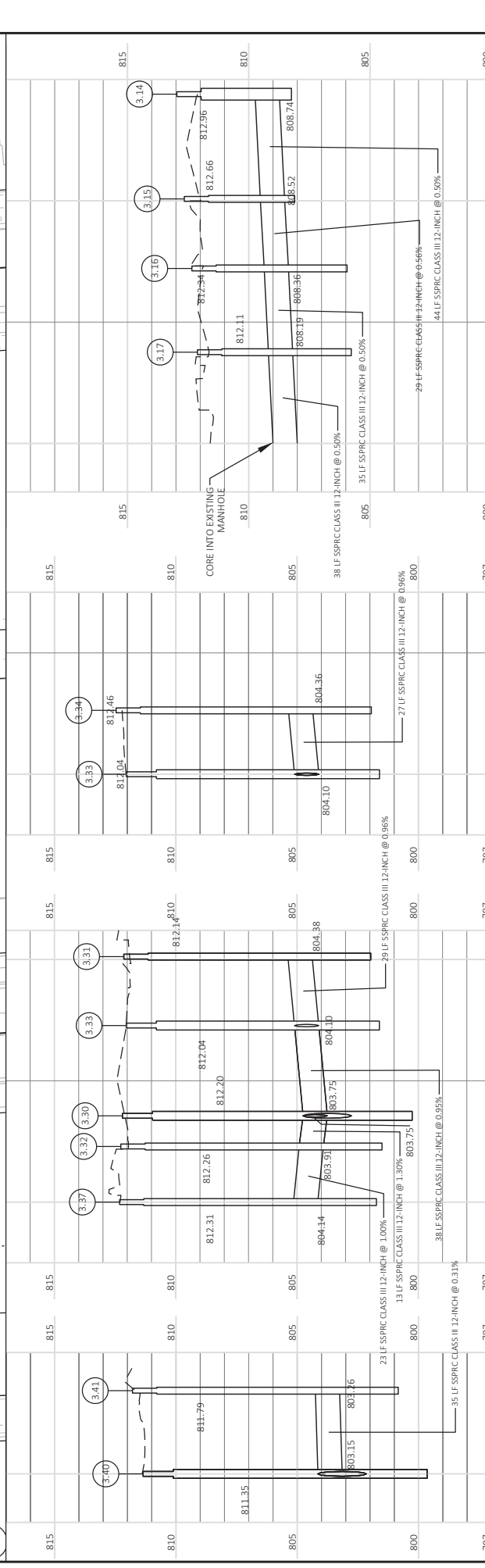
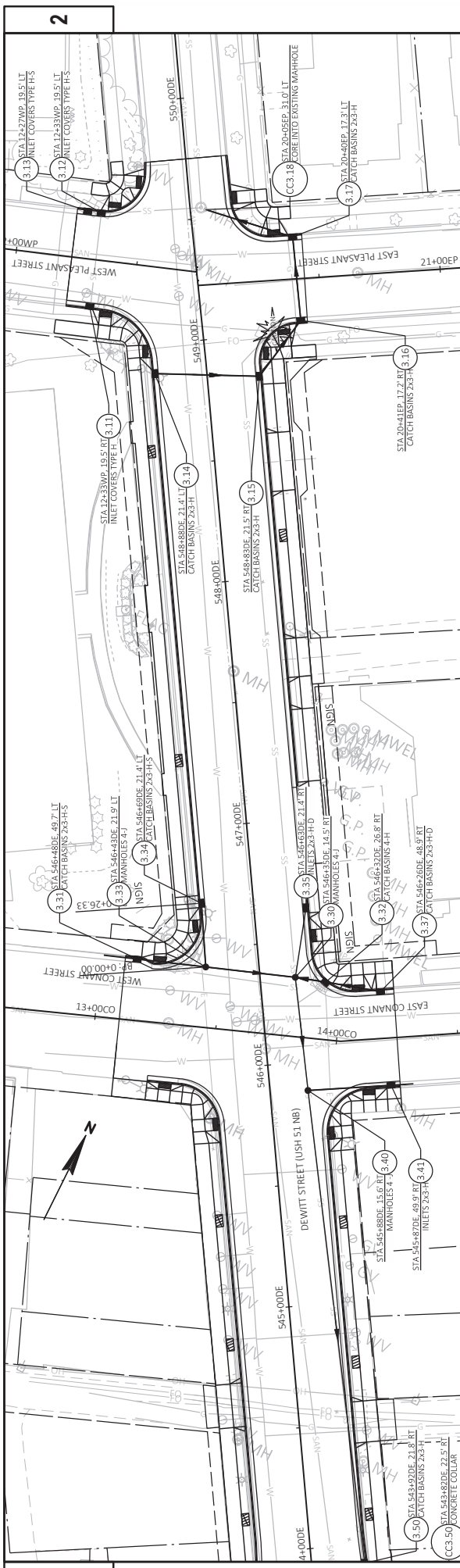


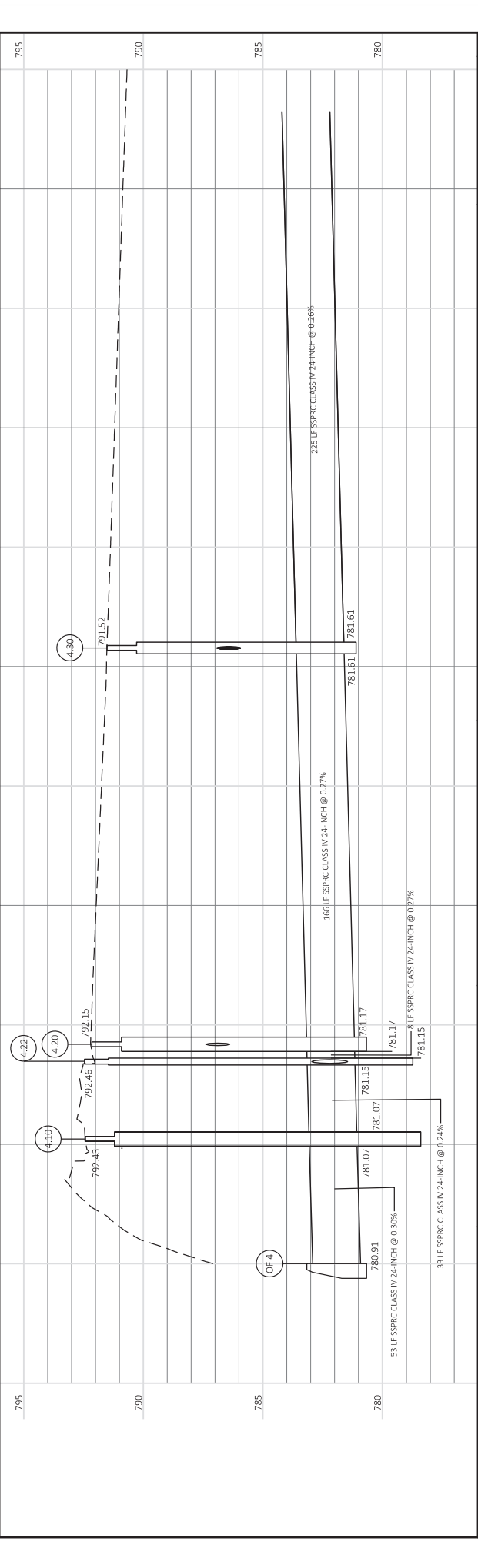
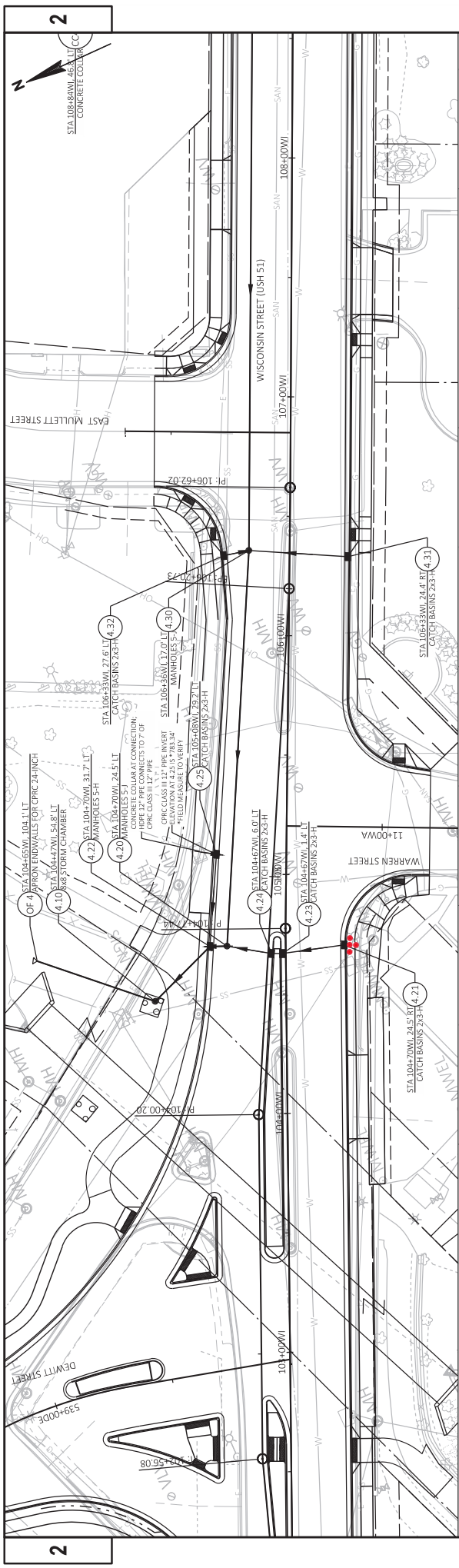
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 LAYOUT NAME: DE WITT LT
 PLOT DATE: 7/20/2020 9:01 AM
 PLOT BY: JEDDIAN THURHE
 PLOT NAME: STORM SEWER - WISCONSIN STREET
 PLOT SCALE: 1 IN = 40 FT
 WISDOT/CADDSS SHEET 41



PROJECT NO: 6918-01-72
 COUNTY: COLUMBIA
 STORM SEWER - DEWITT STREET
 SHEET 98
 HWY: USH 51
 FILE NAME: X:\PROJECTS\COLUMBIA\6918-01-72\USH51\DESIGN\CD\SHSHEETS\PLAN\02250_SS_DW&LDWG
 LAYOUT NAME: DE WITT PL - 2
 PLOT BY: JEDIDIAH HADJIORE
 PLOT DATE: 7/20/2020 9:02 AM
 PLOT NAME: STORM SEWER - DEWITT STREET
 PLOT SCALE: 1"=40' FT
 WISBOT/CADD SHEET 41



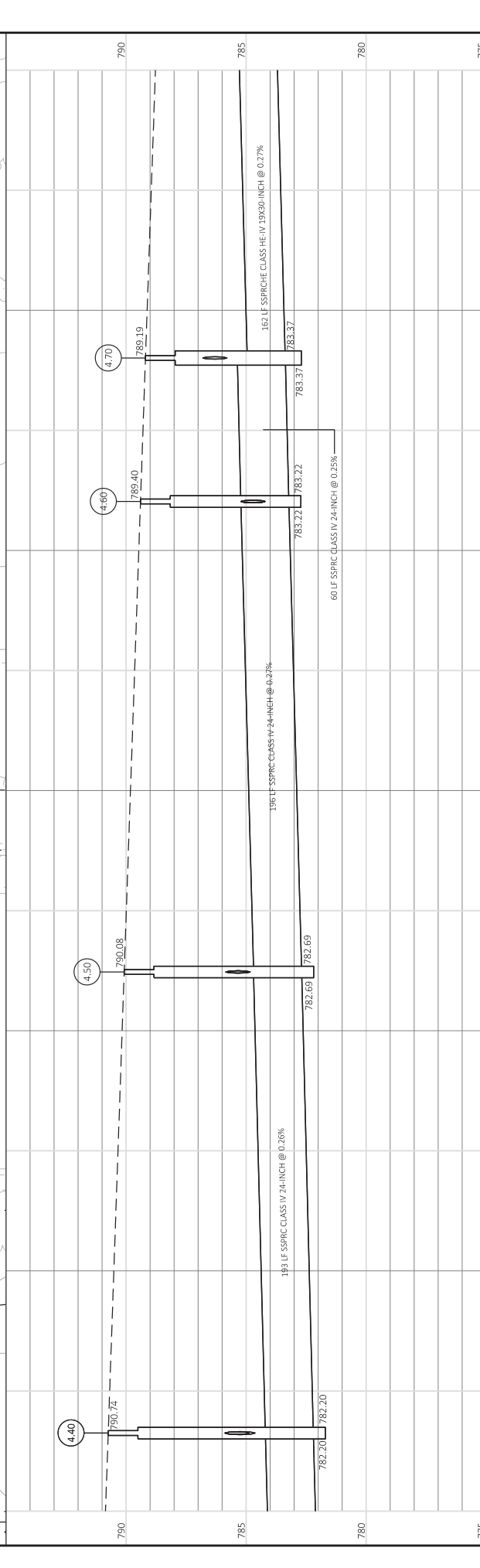
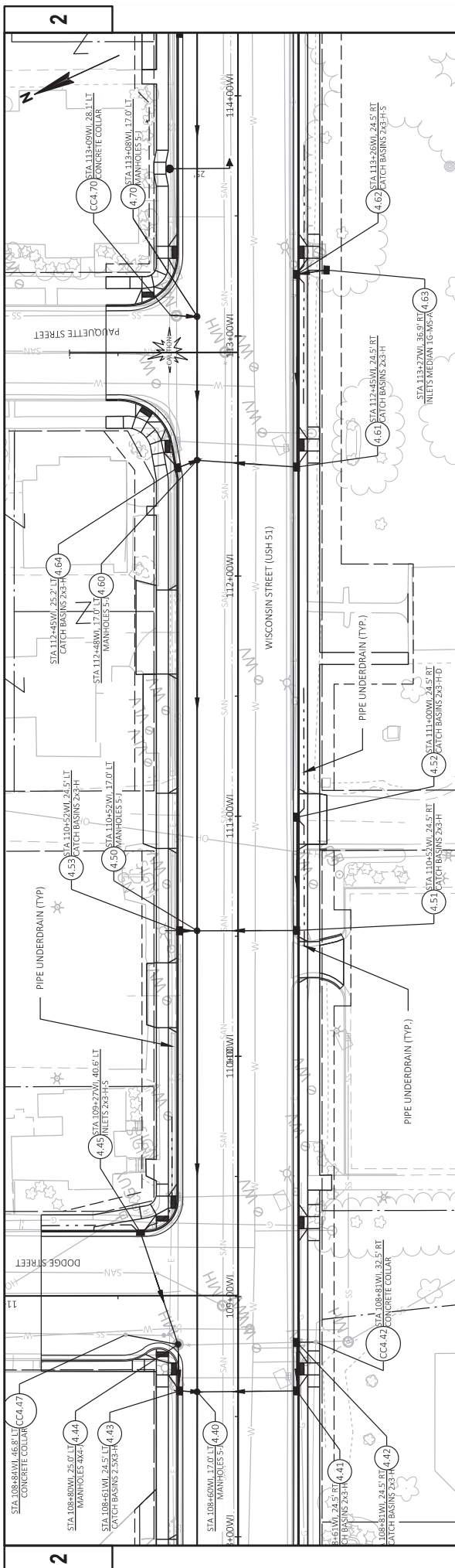


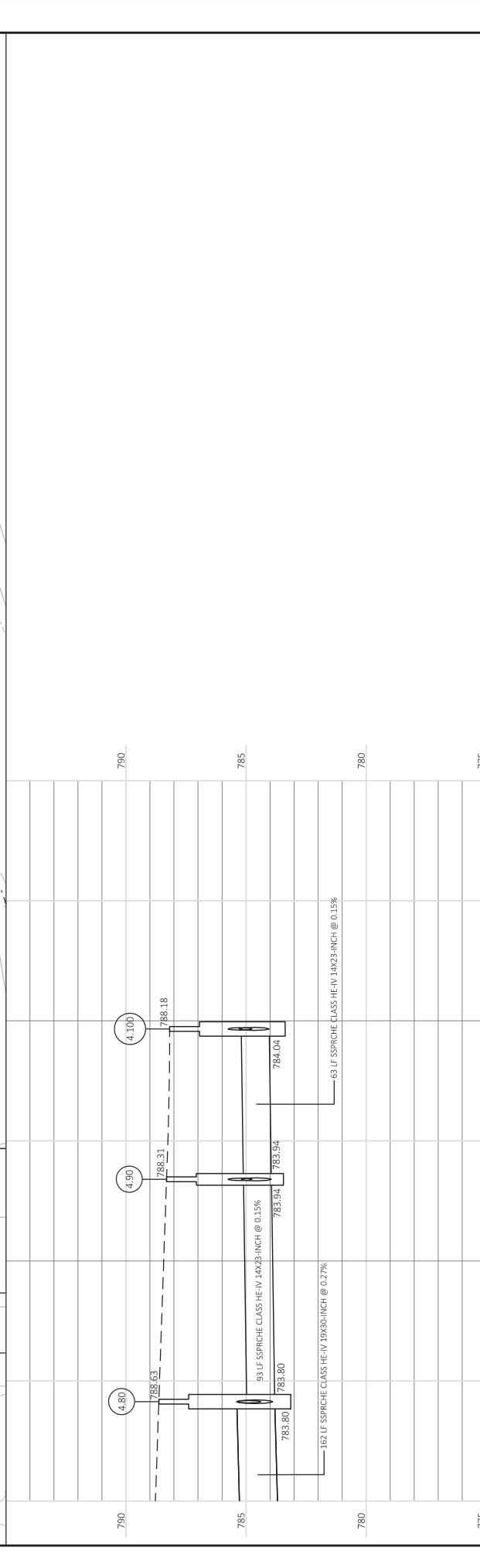
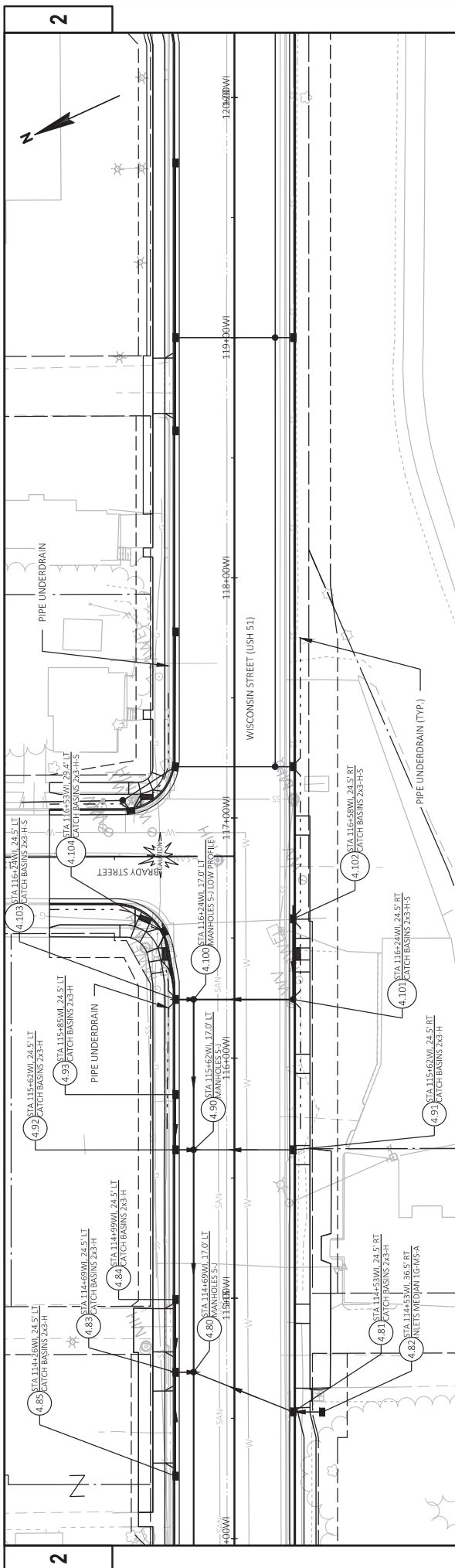


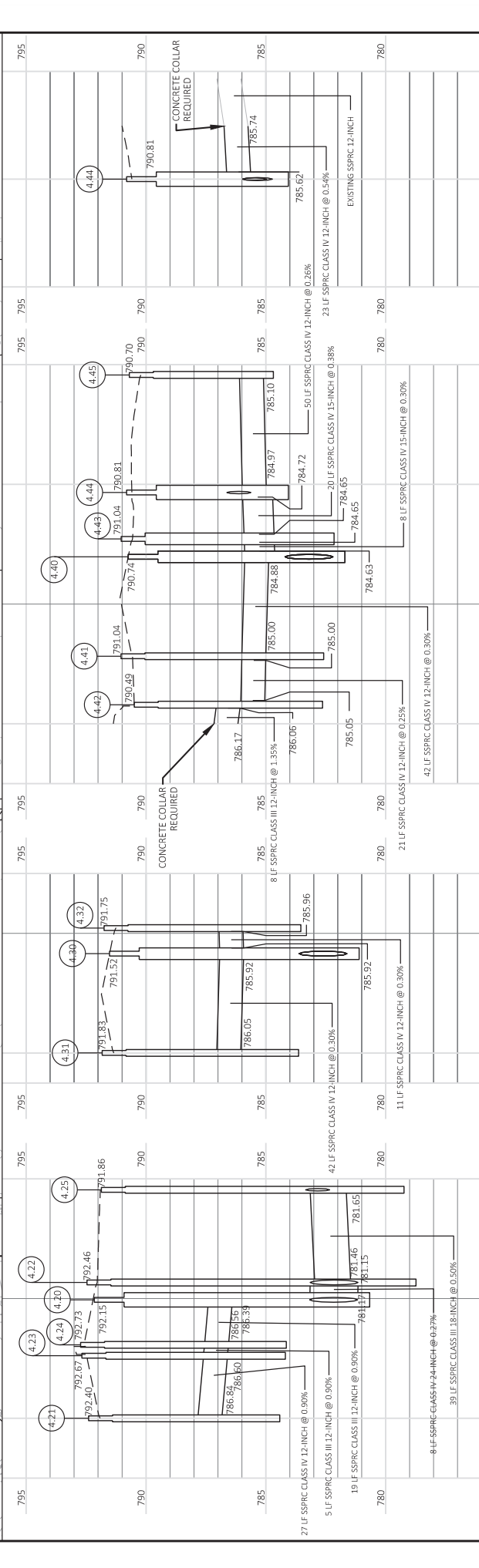
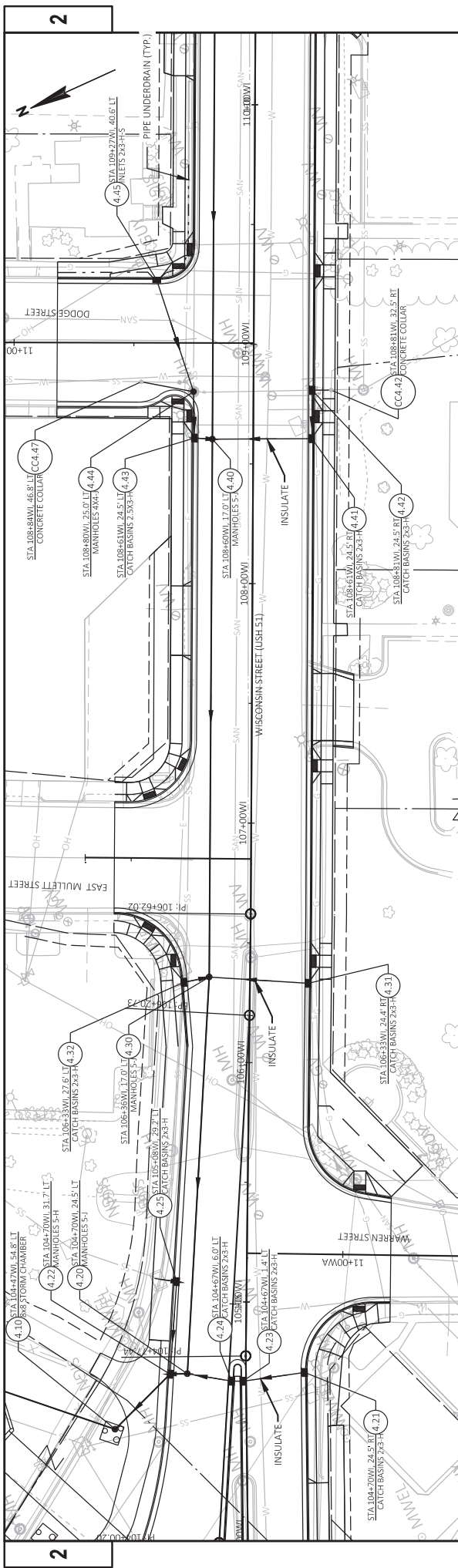
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FILE NAME:	X:\PROJECTS\COLUMBIA\6918-01-72\SH151\DESIGN\CD\SH151PLAN\02250_SS_E&W_2\NO BKE LANES\22.DWG	DATE:	7/20/2020 9:37 AM	PLOT NAME:	JEDDIATHUDRDE	PLOT SCALE:	1 IN=40 FT
LAYOUT NAME:	WEST TL						

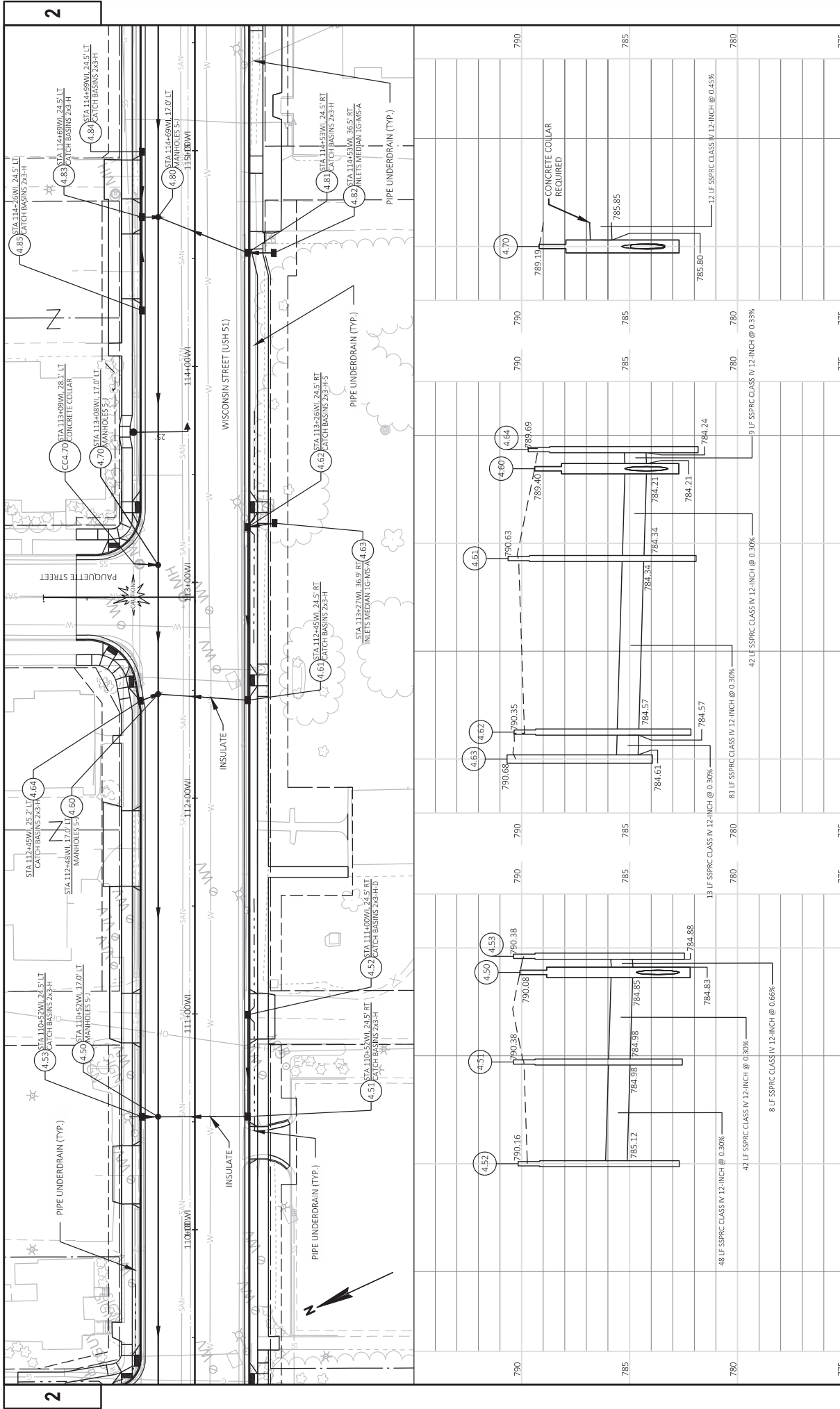
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2







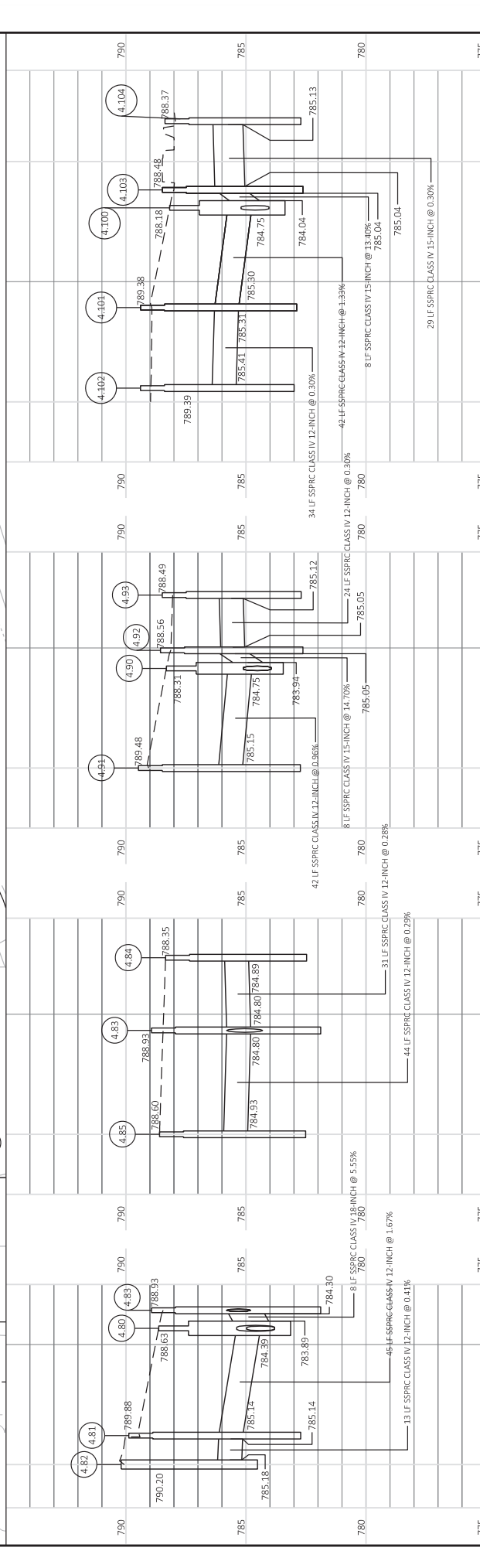
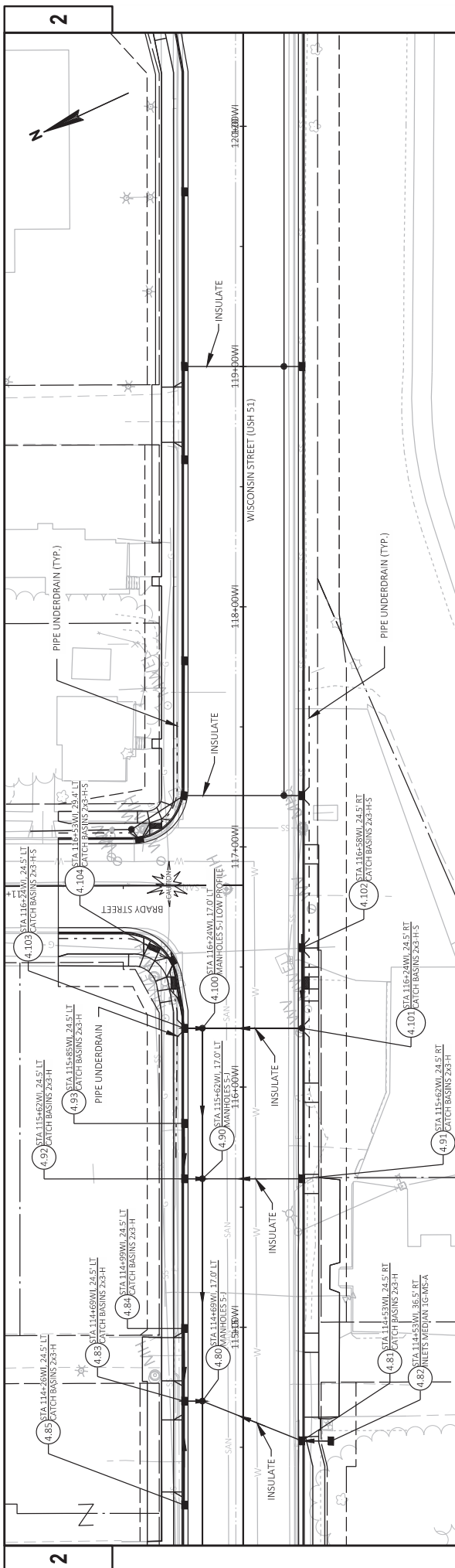


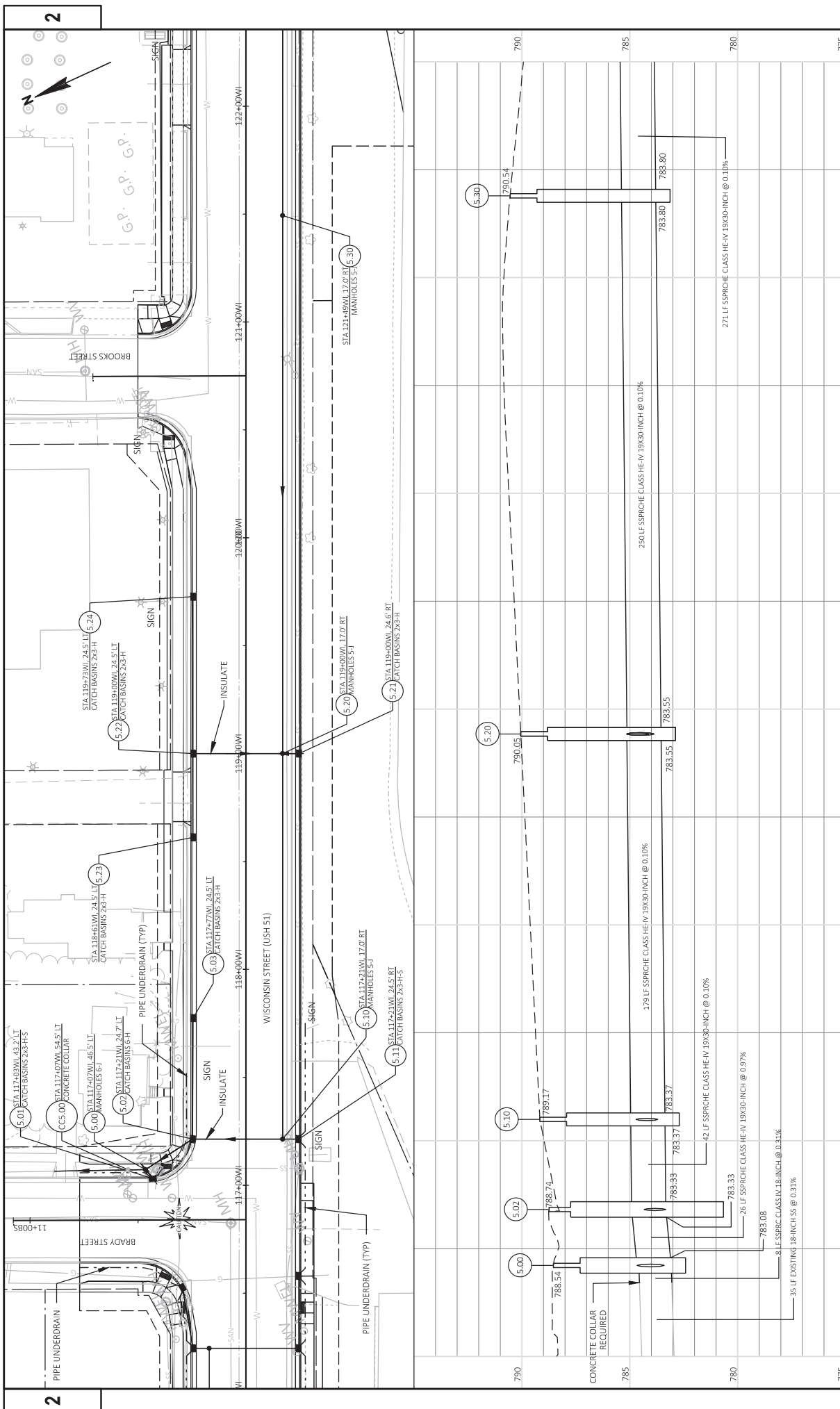
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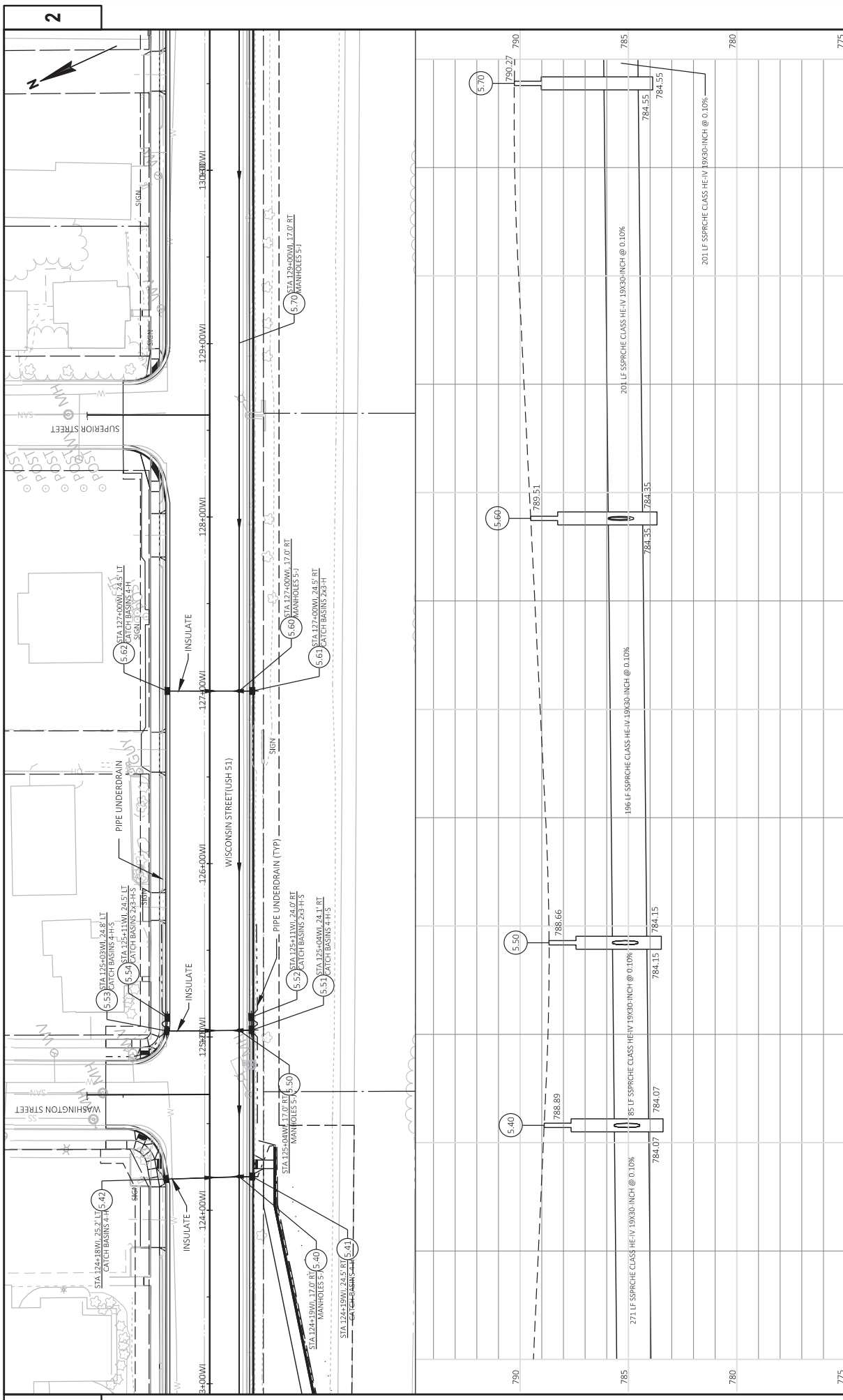
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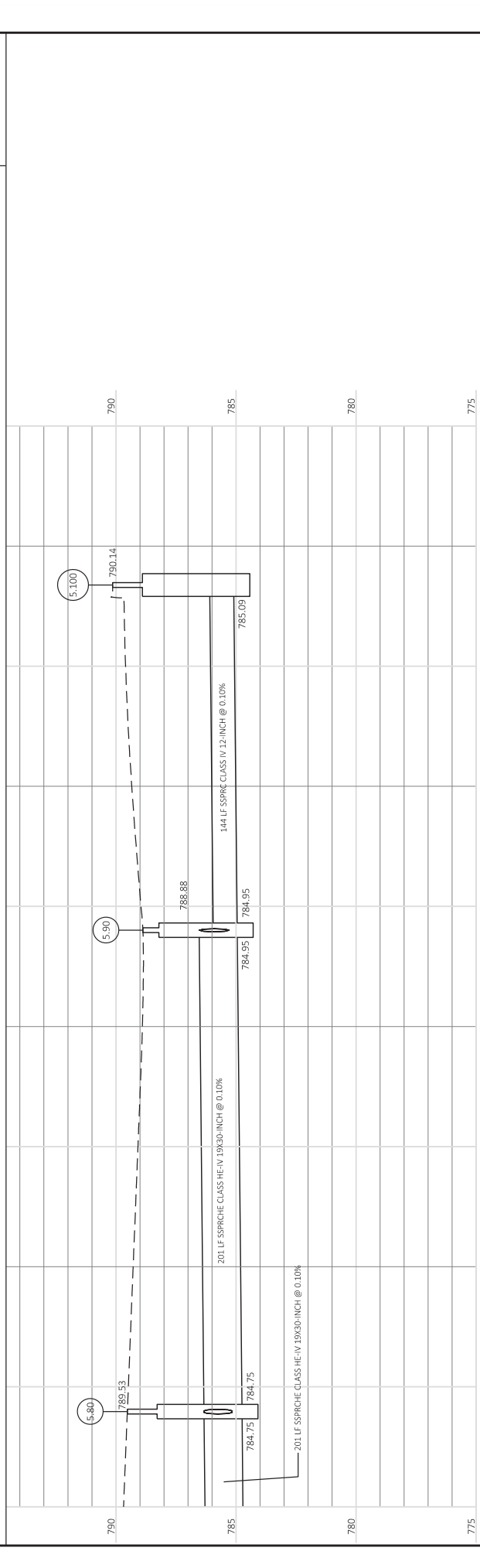
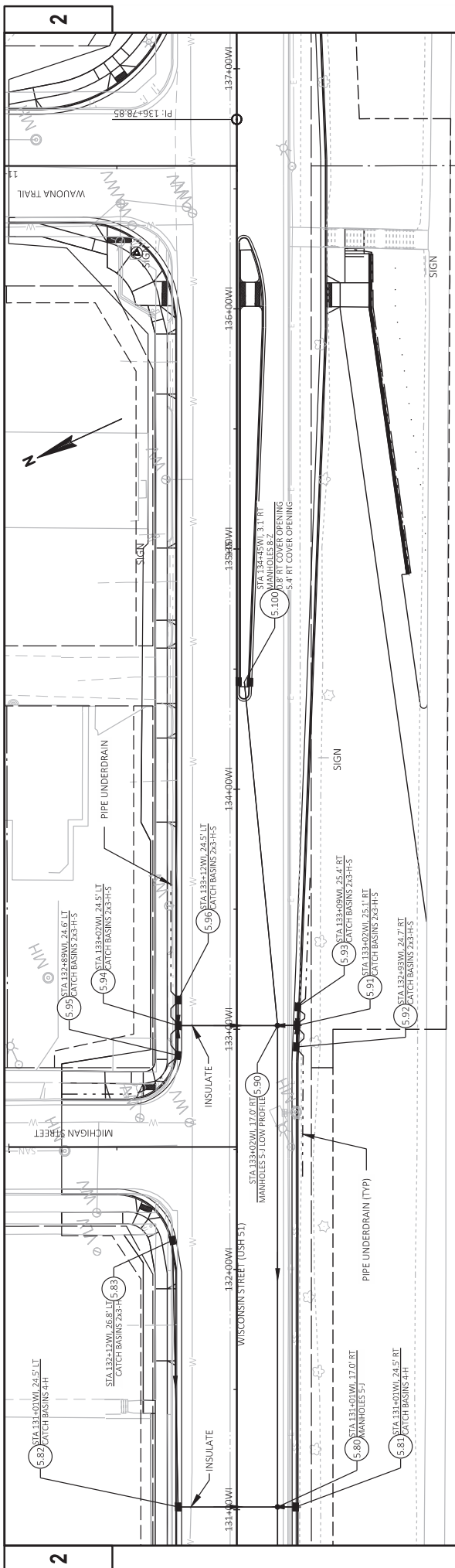
FILE NAME: X:\PROJECTS\COLUMBIA\6918-01-72\USH51\DESIGN\CD\SHSHEETPLAN\02250_SS_ERW_2\INO BIKE LANES\22.DWG LAYOUT NAME: SERIES: 030 - 470 PLOT DATE: 7/20/2020 9:59 AM PLOT NAME: JEDDIAH MUHRE PLOT SCALE: 1 IN=40 FT WISDOT/CADD SHEET 41

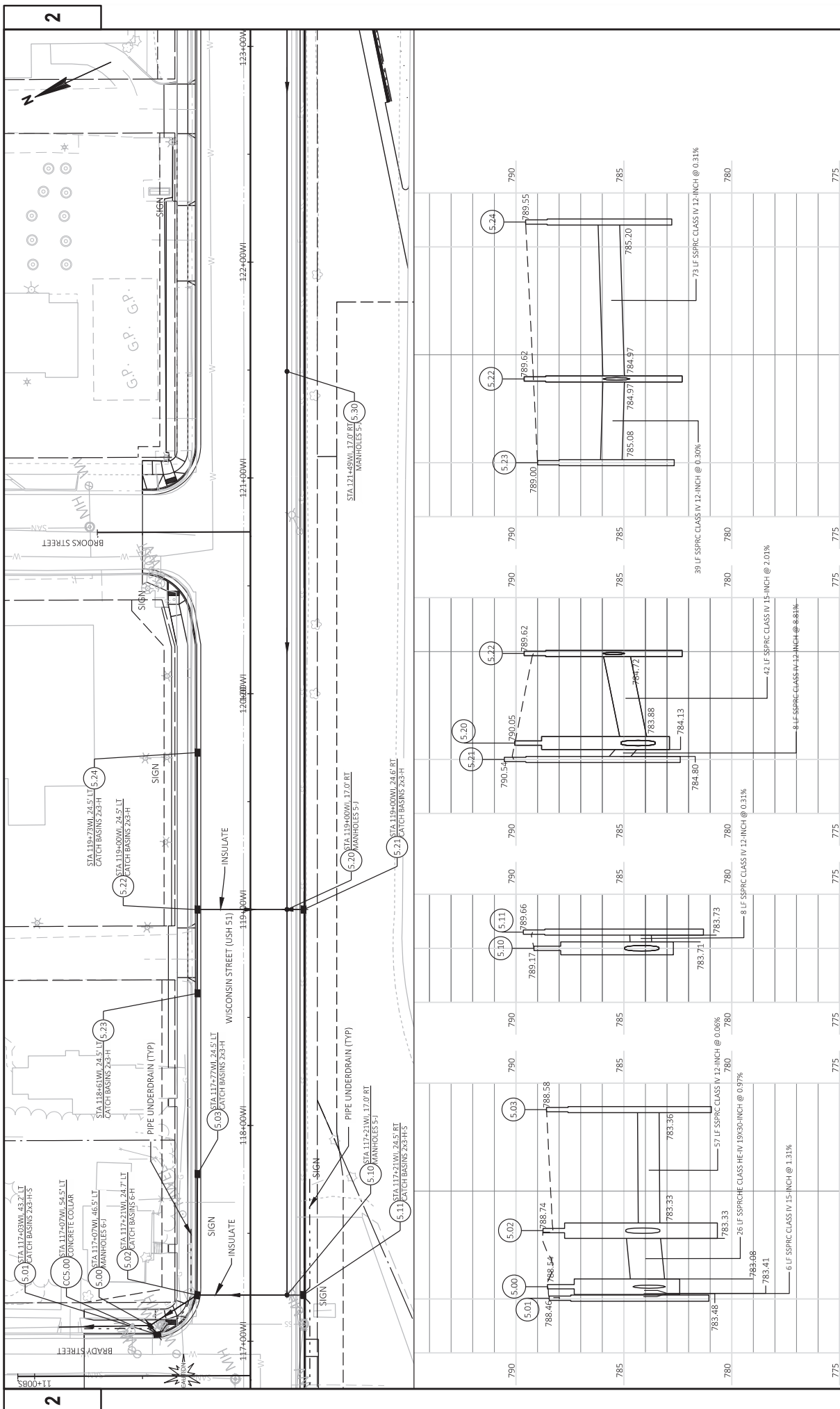




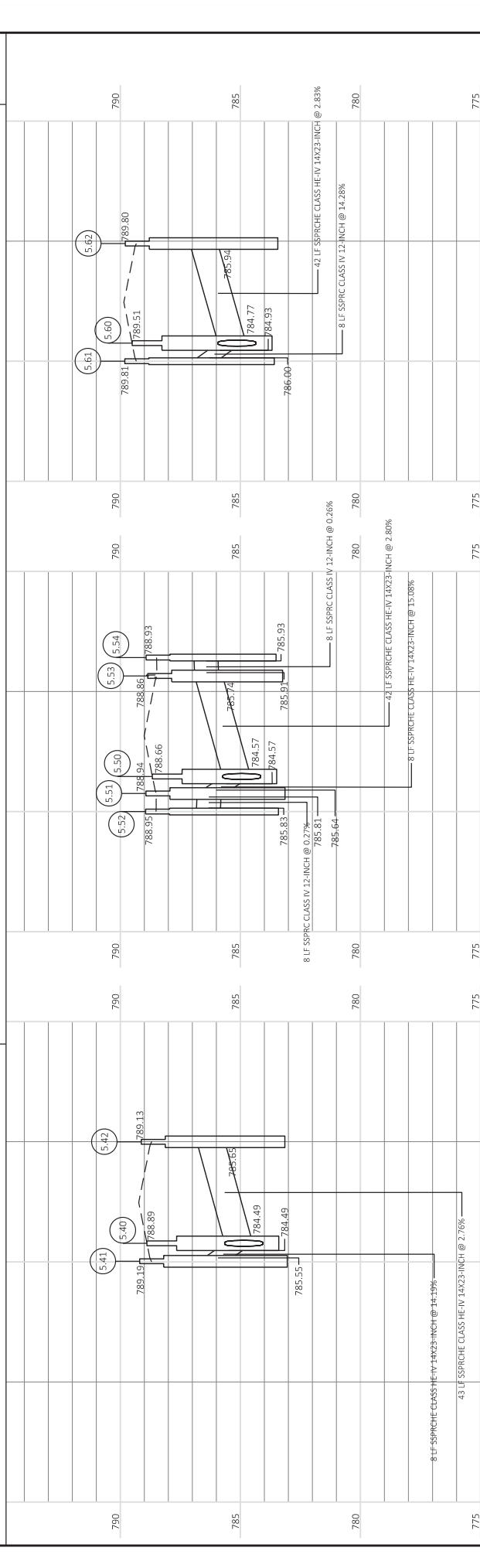
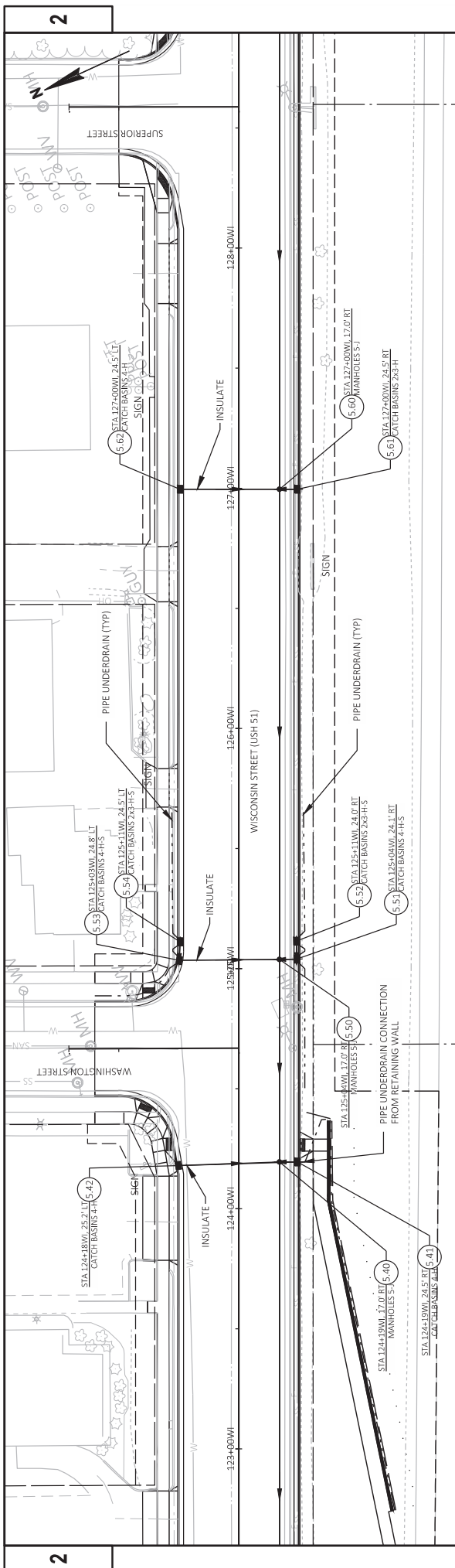
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785					
790					
795					
800					
805					
810					
815					
820					
825					
830					
835					
840					
845					
850					
855					
860					
865					
870					
875					
880					
885					
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955					
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995					
1000					



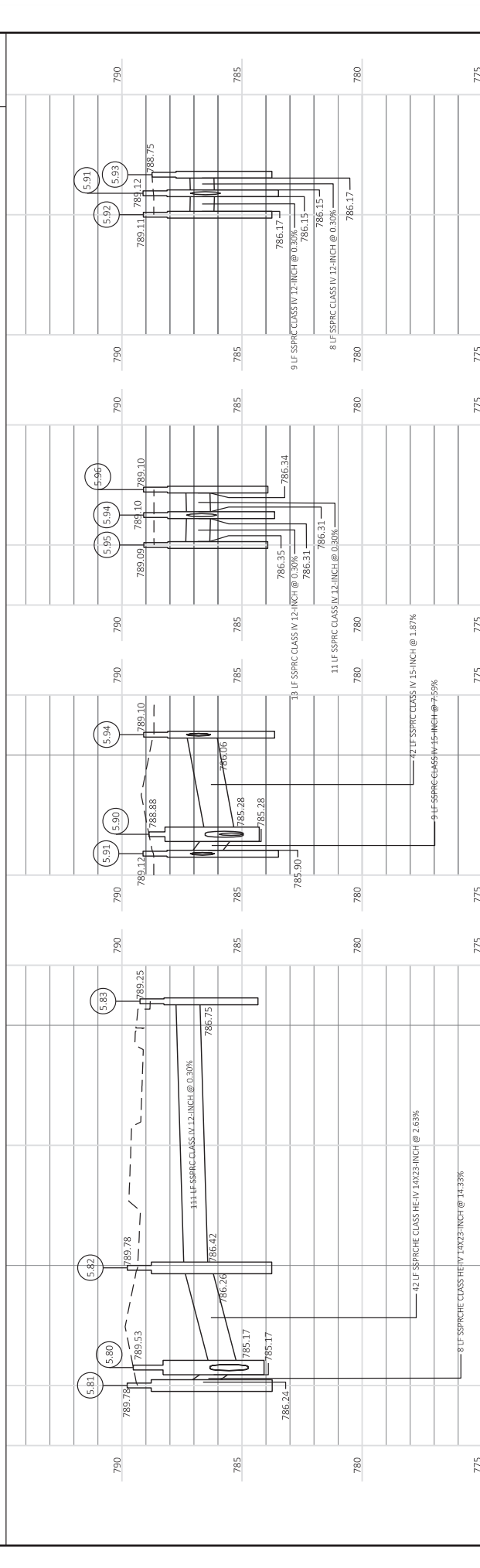
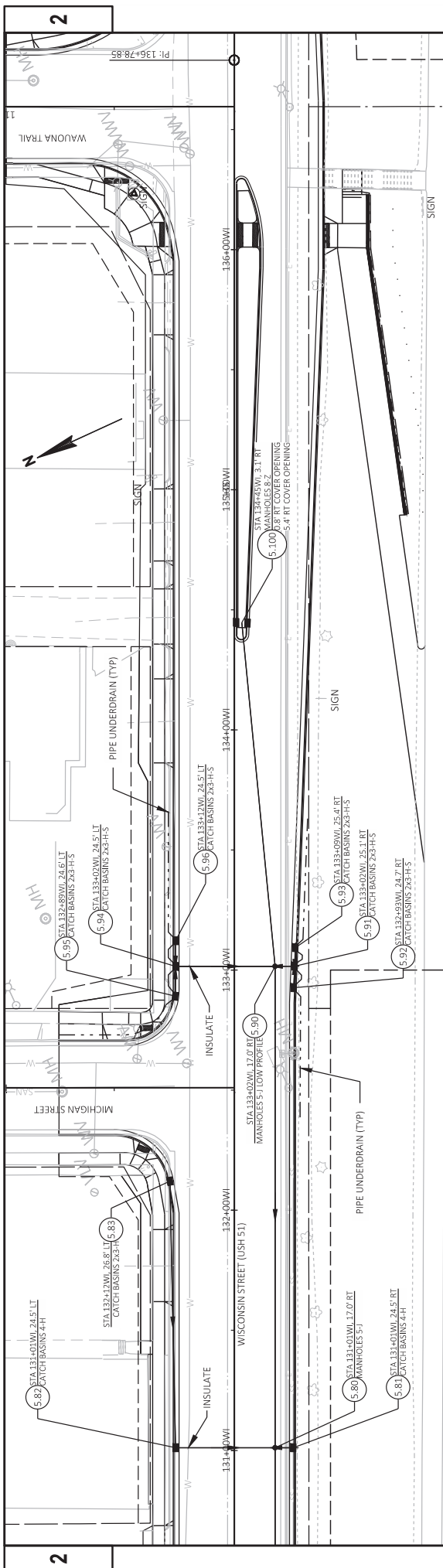




Station	Manhole	Catch Basin	Notes
790	5.00	5.00	26 LF SSPRC CLASS HE-IV 19X30-INCH @ 0.37%
785	5.01	5.01	6 LF SSPRC CLASS IV 15-INCH @ 1.31%
780	5.02	5.02	26 LF SSPRC CLASS HE-IV 19X30-INCH @ 0.37%
775	5.03	5.03	57 LF SSPRC CLASS IV 12-INCH @ 0.06%
790	5.10	5.10	8 LF SSPRC CLASS IV 12-INCH @ 0.31%
785	5.11	5.11	8 LF SSPRC CLASS IV 12-INCH @ 0.31%
780	5.20	5.20	42 LF SSPRC CLASS IV 12-INCH @ 0.81%
775	5.21	5.21	8 LF SSPRC CLASS IV 12-INCH @ 0.31%
790	5.22	5.22	39 LF SSPRC CLASS IV 12-INCH @ 0.30%
785	5.24	5.24	73 LF SSPRC CLASS IV 12-INCH @ 0.31%

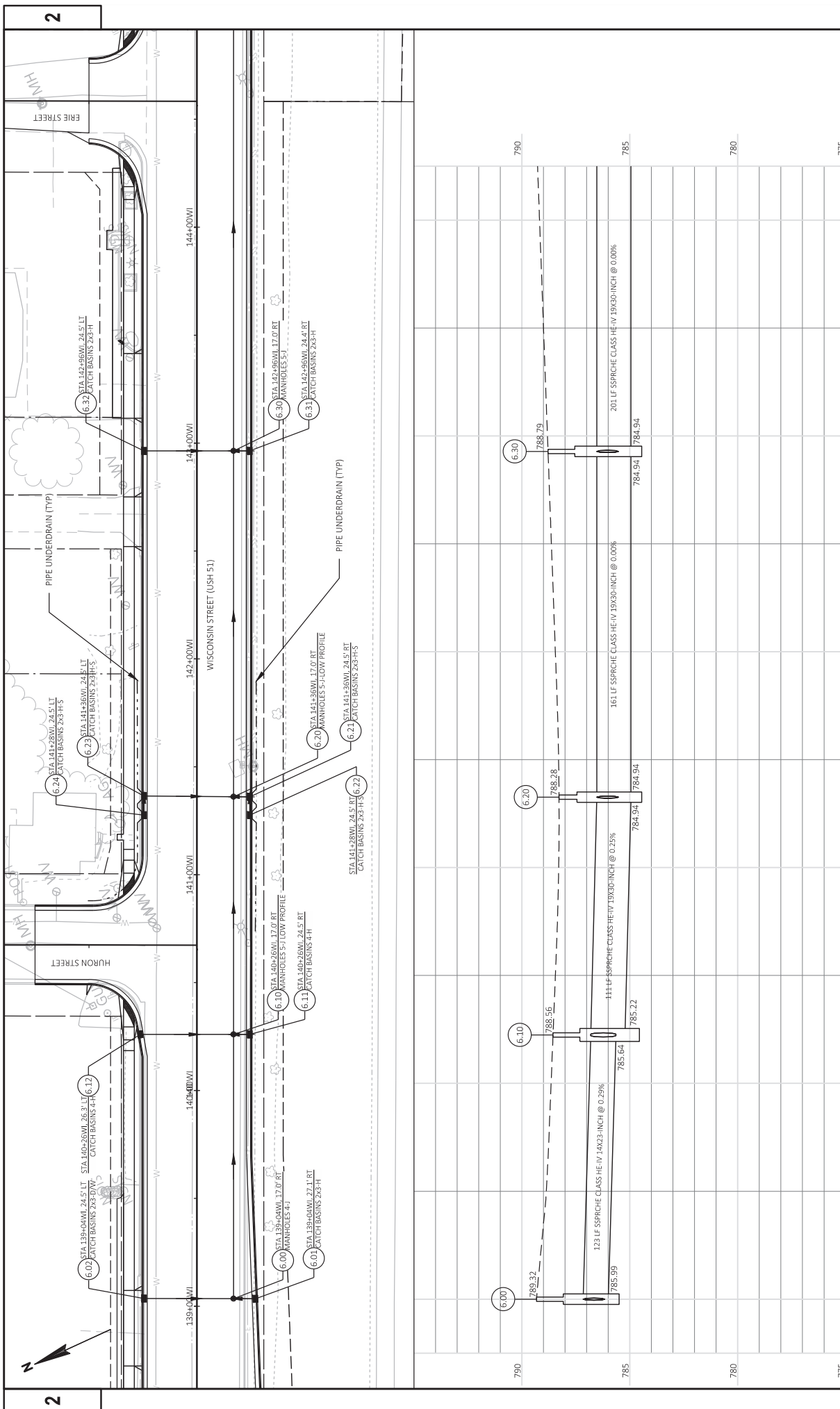


PROJECT NO: 6918-01-72	COUNTY: COLUMBIA	STORM SEWER - WISCONSIN STREET	SHEET
FILE NAME: X:\PROJECTS\COLUMBIA\6918-01-72\DESIGN\CD\SHSHEETS\PLAN\02250_SS_DW8&72.DWG	HWY: USH 51	PLOT BY: JEDDIAN MUHRE	PLOT SCALE: 1"=40' FT
LAYOUT NAME: SERIES 230 - 3-30	DATE: 7/20/2020 9:41 AM	PLOT NAME:	112
			WISDOT/CADD SHEET 41

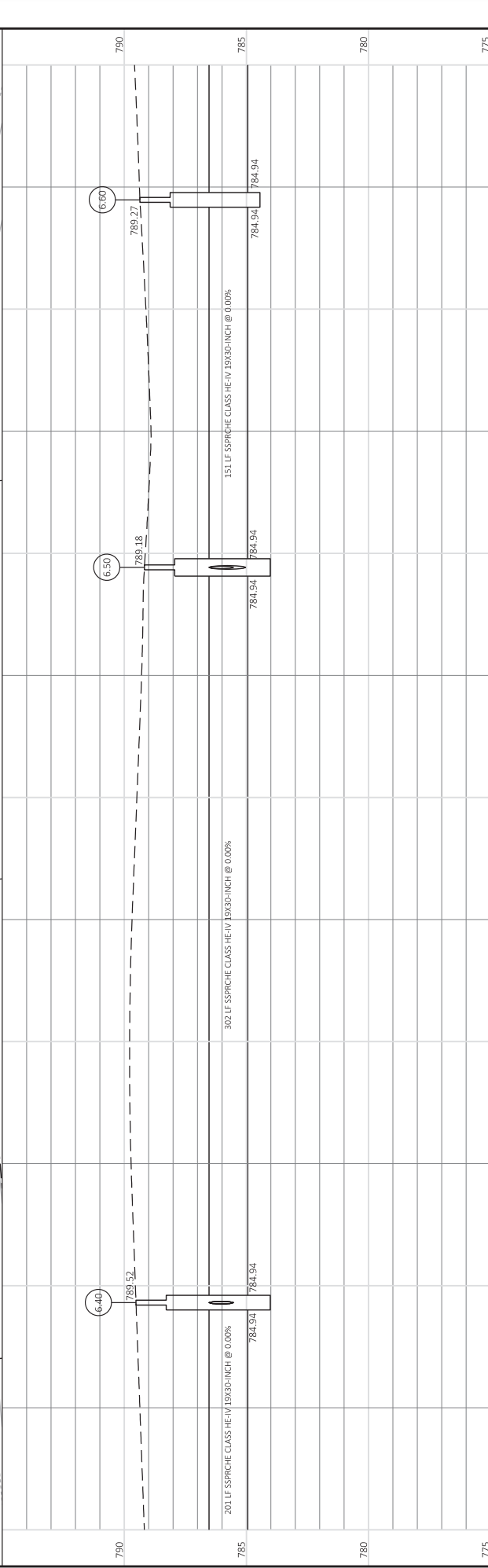
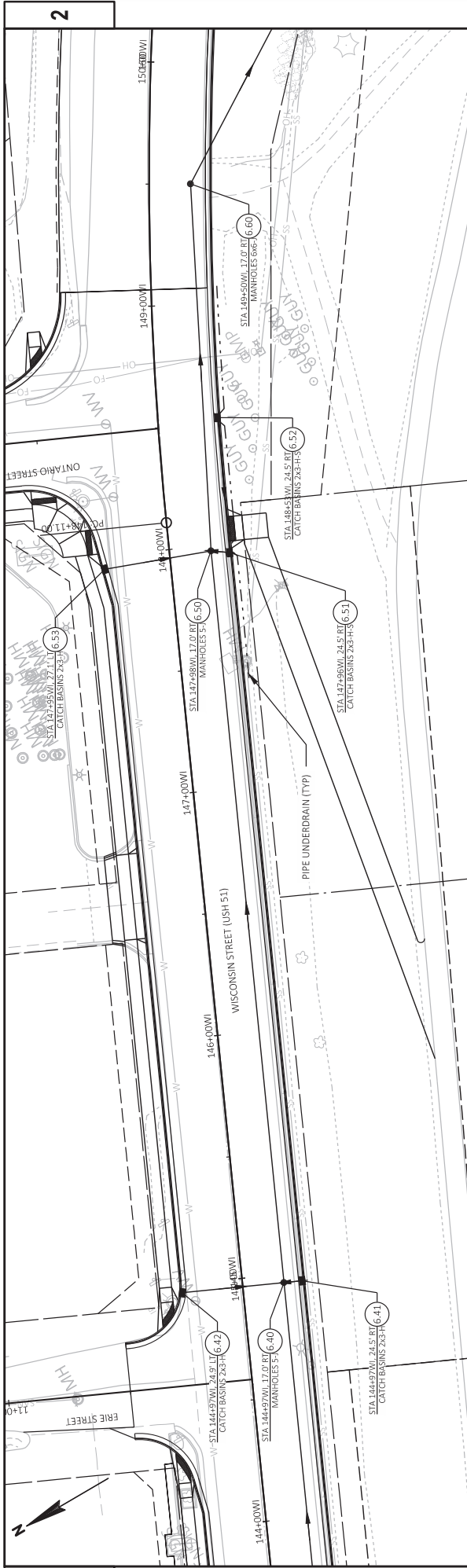


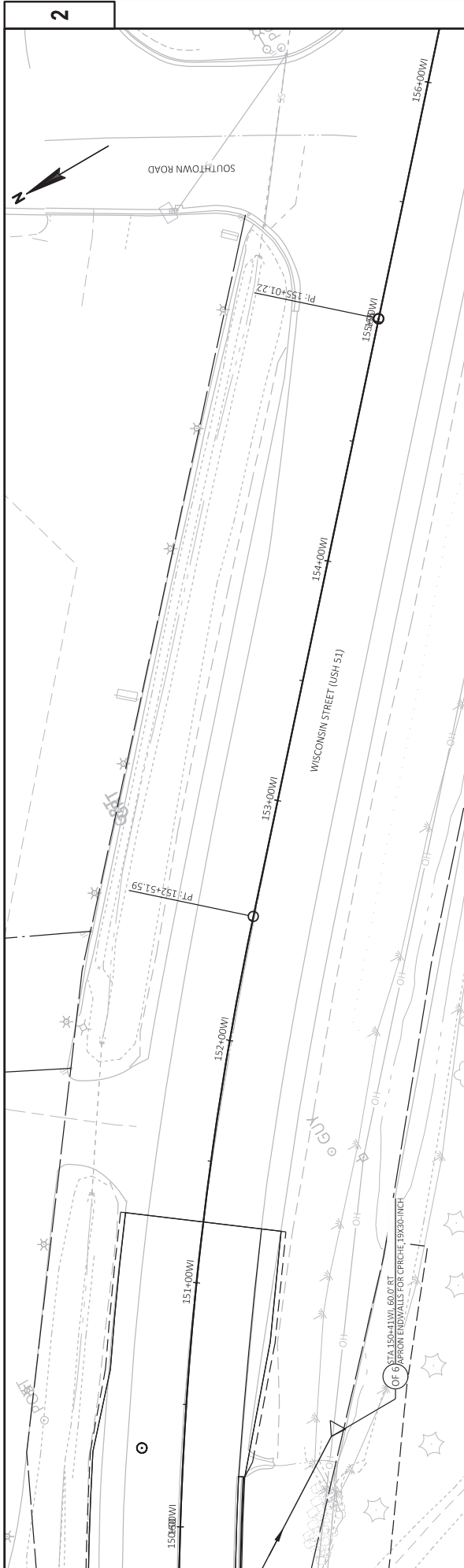
PROJECT NO: 6918-01-72
 COUNTY: COLUMBIA
 HWY: USH 51
 STORM SEWER - WISCONSIN STREET
 SHEET 113
 E

FILE NAME: X:\PROJECTS\COLUMBIA\6918-01-72\USH51\DESIGN\CDSHSETPLAN\02250_SS_DW8&12.DWG
 LAYOUT NAME: SERIES 270-3-80
 PLOT DATE: 7/20/2020 9:42 AM
 PLOT BY: JEDIDIAH MADHOUR
 PLOT NAME: JEDIDIAH MADHOUR
 PLOT SCALE: 1"=40' FT
 WISDOT/CADD SHEET 41

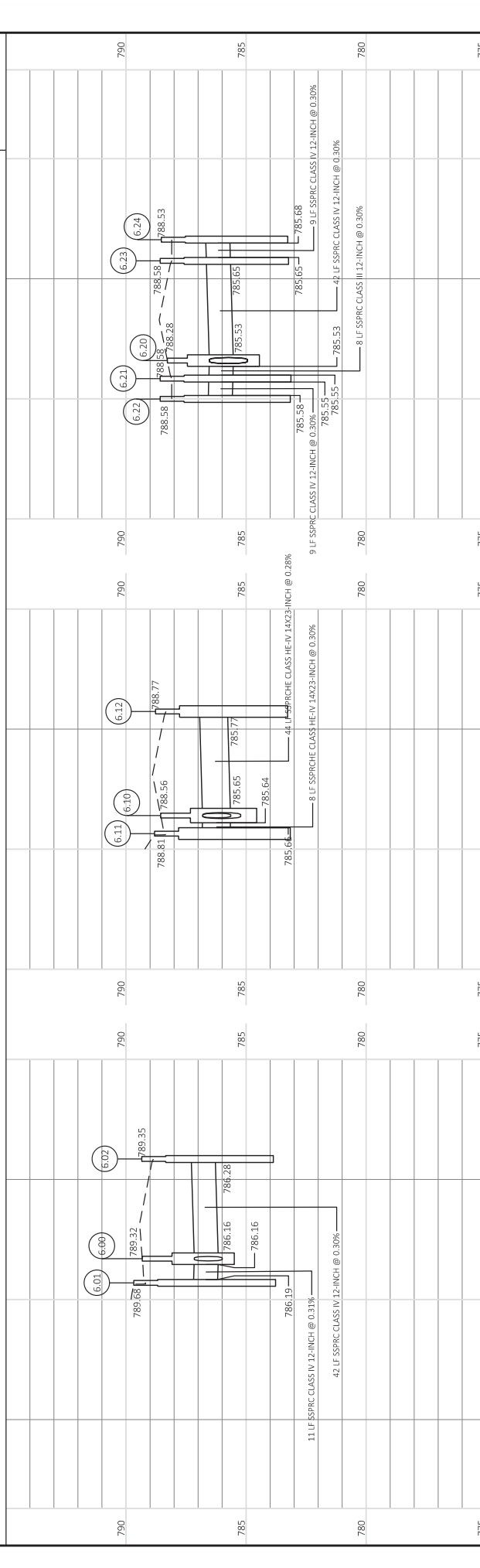
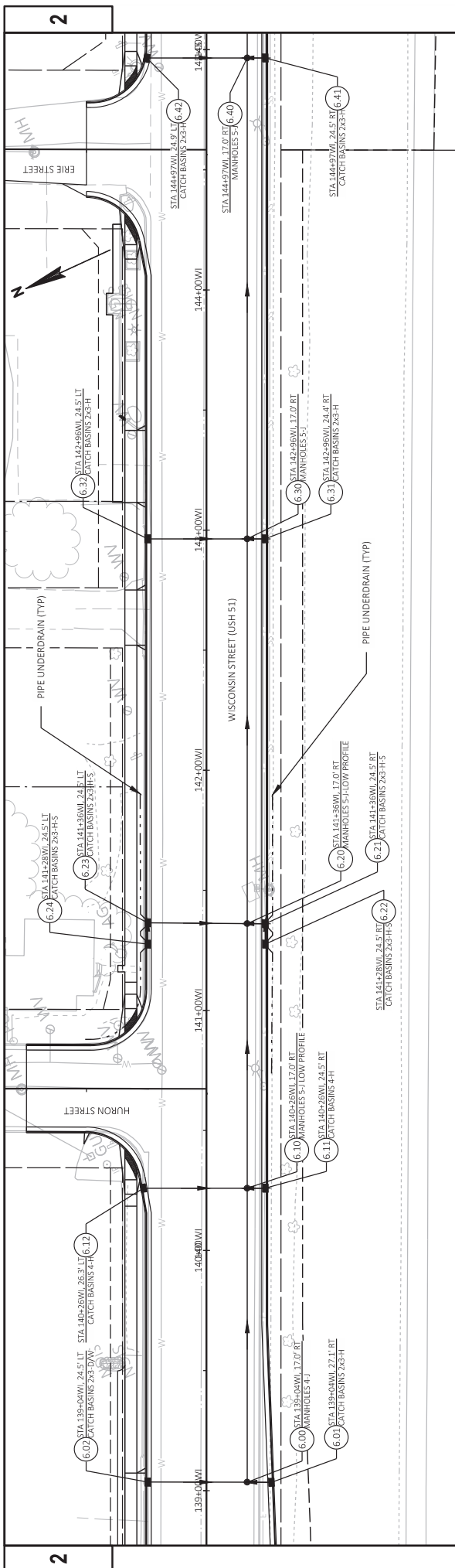


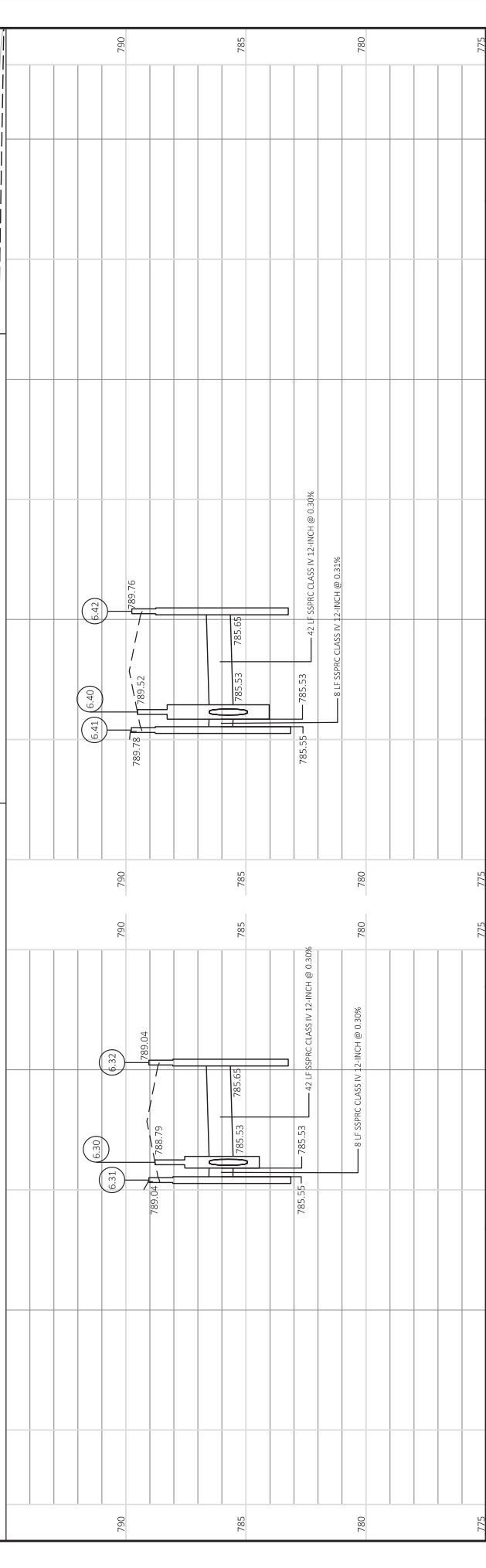
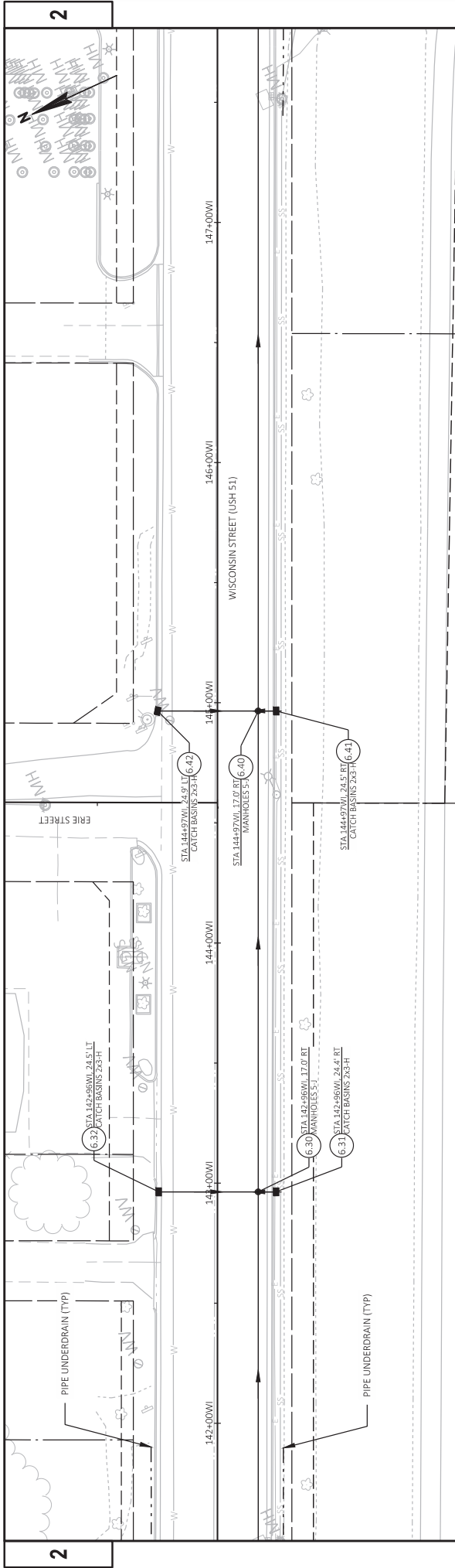
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785	PROJECT NAME: USHTL			
790				
795				

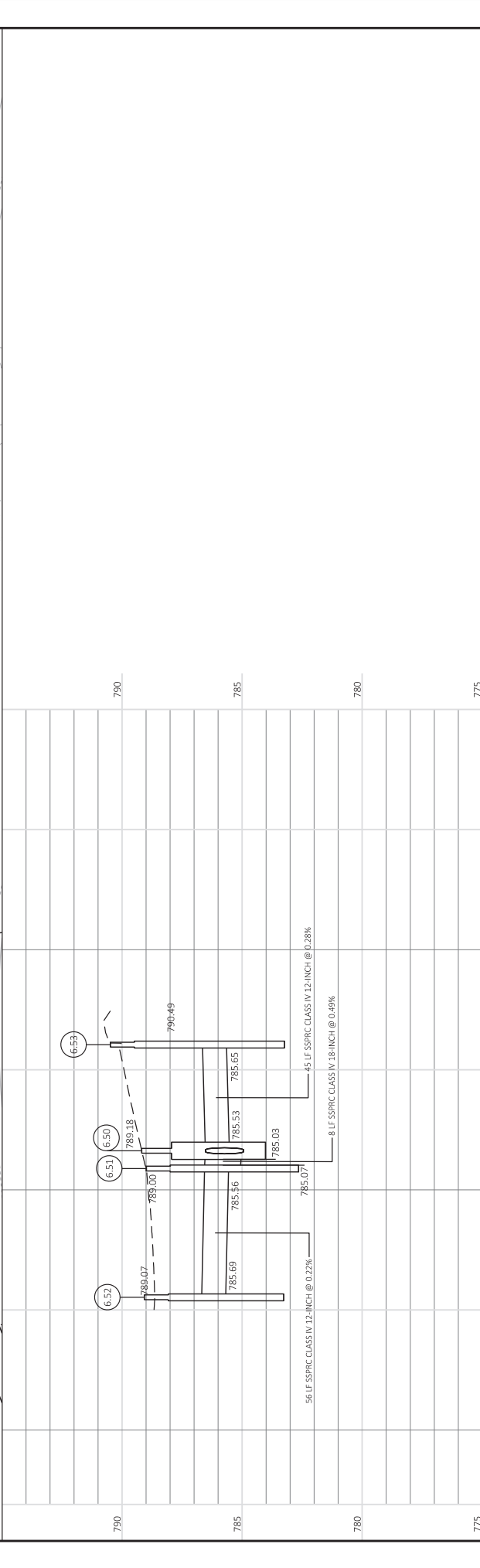
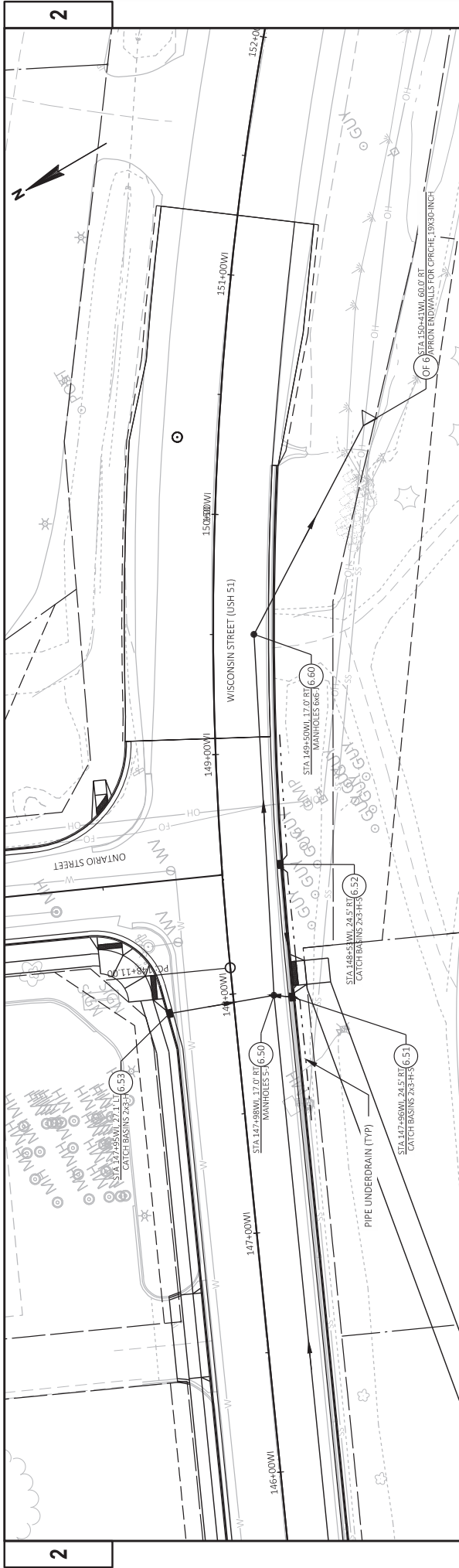




PROJECT NO: 6918-01-72
 COUNTY: COLUMBIA
 STORM SEWER - WISCONSIN STREET
 SHEET 116
 HWY: USH 51
 PLOT DATE: 7/20/2020 9:59 AM
 PLOT NAME: JEDIDIAH FOUHRE
 PLOT SCALE: 1 IN=40 FT
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 LAYOUT NAME: 16511L-3









ESTR BEGIN ONE WAY R6-6 R7-1

ESTR

M-13 DeWitt Pleasant R-11 STOP M-14 M-15

M-12 R7-3

M-11 R7-5A

M-7 M-8 M-9 M-10 M-11 M-12 M-13 M-14 M-15

M-6 R7-1

M-3 DeWitt Conant R-11 STOP M-4 M-5

M-2 R7-5

M-1 R7-5

MATCHLINE 545+00.00

546+00DE 547+00DE 548+00DE 549+00DE 550+00DE 551+00DE

END CONSTRUCTION STA 549+75 'DE'

W PLEASANT STREET

E PLEASANT STREET

W CONANT STREET

DEWITT STREET

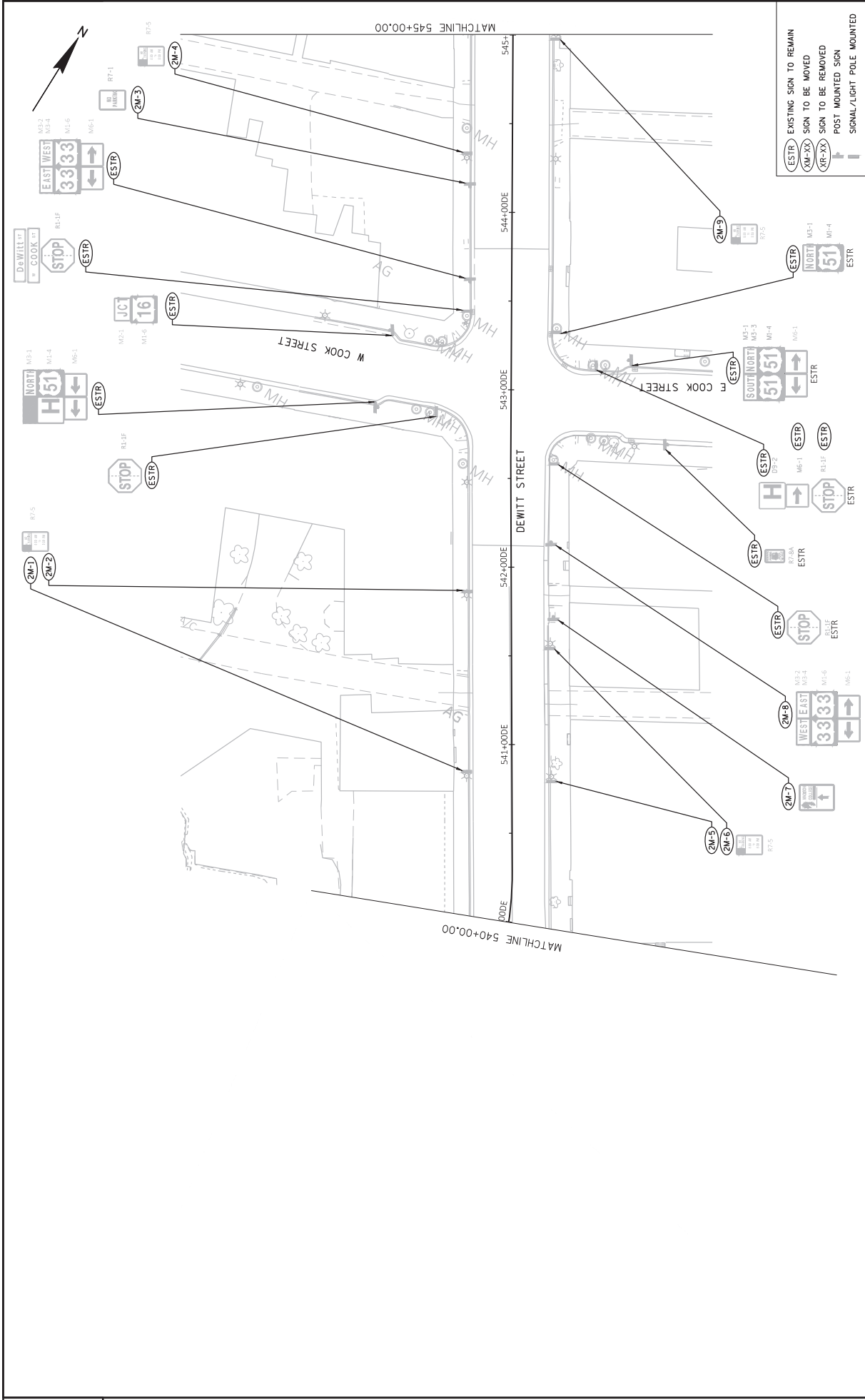
E CONANT STREET

M-19 W11.8 W11.59 R7-1

DeWitt Conant R-11 STOP M-16 M-17 R-1

ESTR BEGIN ONE WAY R6-6 M-23 M-24 M-25 DeWitt Pleasant R-11 STOP M-26 ONE WAY R6-2L

- ESTR EXISTING SIGN TO REMAIN
- XM-XX SIGN TO BE MOVED
- XR-XX SIGN TO BE REMOVED
- POST MOUNTED SIGN
- SIGNAL/LIGHT POLE MOUNTED



Appendix B: Special Provisions and WDNR Concurrence

below the theoretical pay limits. All work beyond the theoretical pay limits is incidental to the cost of work. The department will make no allowance for as-built quantities.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.01	Wall Modular Block Mechanically Stabilized Earth (Levee Connection #1)	SF
SPV.0165.02	Wall Modular Block Mechanically Stabilized Earth (Levee Connection #2)	SF

Payment is full compensation for supplying a design and shop drawings; preparing the site, including all necessary excavation and disposal of materials; supplying all necessary wall components to produce a functional wall system including cap, copings, leveling pad, and leveling pad steps; constructing the retaining system and providing temporary drainage; providing backfill, backfilling, compacting, developing/completing/documenting the quality management program, and performing compaction testing.

The department will pay separately for parapets, traffic barriers, railings, and other items above the wall cap or coping.

72. Concrete Sidewalk Thickened Edge, Item SPV.0165.03.

A Description

Perform work according to the applicable provisions of standard spec 504 and as detailed in the plans.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Concrete Sidewalk Thickened Edge by the square foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.03	Concrete Sidewalk Thickened Edge	SF

Payment is full compensation for providing all materials, including all concrete and steel reinforcement; for all excavating, for backfilling, disposing of surplus material, and for cleaning out and restoring the work site.

73. Sidewalk Vault Closure, Item SPV.0165.04.

A Description

This special provision describes constructing a concrete masonry retaining wall (if necessary and directed by the engineer) and completely filling the existing vault opening with Backfill Granular as directed by the engineer.

B Materials

Concrete Masonry Retaining Wall shall meet the requirements of standard spec 504.2.

Backfill Granular shall meet the requirements of standard spec 209.2.

C Construction

Construction of concrete masonry retaining wall (if necessary and directed by the engineer) is according to standard spec 504.3. If the engineer determines that a concrete masonry retaining wall is not required, fill the existing vault opening with Backfill Granular.

Construction of Backfill Granular is according to standard spec 209.3.

D Measurement

The department will measure Sidewalk Vault Closure by the square foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.04	Sidewalk Vault Closure	SF

Payment is full compensation for furnishing and installing the Concrete Masonry Retaining Wall (if necessary and directed by the engineer), for waterproofing membrane painting on all exposed foundation wall surfaces and for furnishing all labor, tools, equipment and incidentals necessary to complete the work. Removing Sidewalk and the Backfill Granular of the vault shall be paid for separately under the respective bid items.

74. Excavation, Hauling, and Disposal of Contaminated Soil (Bioremediation), Item SPV.0195.01; Excavation, Hauling, and Disposal of Contaminated Soil (Direct landfill), Item SPV.0195.02.

A Description

A.1 General

This special provision describes excavating, segregating, loading, hauling, and disposing of contaminated soil, sediment, and groundwater. Contaminated groundwater shall be disposed of in the City of Portage sanitary sewers. Contaminated soil and sediment shall be disposed of at a WDNR-licensed facility. The closest WDNR-licensed facilities are:

Waste Management Madison Prairie Landfill
6002 Nelson Road
Sun Prairie, WI 53590

Advanced Disposal - Madison
300 Raemisch Road
Waunakee, WI 53597

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

Prior to transport, sufficiently dewater soils and sediments so as not to contain free liquids.

This special provision also describes pumping and disposing of contaminated groundwater (if dewatering is necessary) to the sanitary sewers for treatment at the City of Portage Wastewater Treatment Facilities. Contaminated water encountered, but not requiring removal as a standard course of construction, shall remain in-place and shall not be managed according to this special provision.

Perform all work necessary to control, handle, and dispose of groundwater and surface water, and all other water that may be encountered within contaminated areas, as required for performance of the work. Perform this work according to standard spec 205 and with all local and state regulations, including, but not limited to, pertinent parts of the:

- Wisconsin Administrative Code, Chapters NR 100-299,
- Wisconsin Statutes, Chapters 30 and 31,
- Erosion Control Implementation Plan (ECIP), and
- WDNR Technical Standards, Sediment Control Water Application of Polymers No. 1051, Dewatering No. 1061, Sediment Trap No. 1063, and Sediment Basin No. 1064.

A.2 Notice to the Contractor – Contaminated Soil & Sediment Locations

The department completed testing for soil, sediment, and groundwater contamination within this project where excavation is required. Testing indicated that contaminated soil, sediment, and/or groundwater is present at the following locations:

Petroleum Contamination

- **Site 8 (Mael Estate – Triangle Property, 100 Edgewater St.)** – The entire parcel described as Station 102+00WI to 103+50WI from reference line to limits on LT, and from 538+30DE to 539+10DE from limits on RT to limits on LT.
- Wisconsin St./USH 51
 - **Sites 5 and 7** - Station 99+25WI to 100+75WI, from limits on RT to limits on LT
 - **Sites 8, 11, 12, 13, 14, and 24** - Station 102+50WI to 107+75WI, from limits on RT to limits on LT
 - **Site 15** - Station 111+00WI to 111+75WI, from reference line to limits on LT
 - **Site 19** - Station 116+00WI to 117+25WI, from reference line to limits on RT
 - **Site 21** - Station 143+00WI to 144+60WI, from reference line to limits on LT
- Edgewater St.
 - **Sites 4 and 5** - West limit to Wisconsin St./USH 51 intersection, from limits on RT to limits on LT
 - **Sites 7 and 8** - Current Dewitt St. intersection to 100 feet west, from limits on RT to limits on LT
- Dewitt St.
 - **Site 3** - Station 546+50DE to 547+75DE, from 15 feet from limits on LT to centerline.
 - **Site 8** - Current right-of-way along Site 8, from west limits to centerline.

Chlorinated Compound Contamination

- **Wisconsin St./USH 51**
 - **Sites 11 and 24** - Station 103+00WI to 107+75WI, from limits on RT to limits on LT.

Metals Contamination

- **Site 24** – Station 102+50WI to 103+00WI, from center to limits on RT, and all sediment within the Portage Canal.

Groundwater contamination with petroleum and chlorinated compounds at concentrations exceeding the Enforcement Standards identified in s. NR 140.10 Wisconsin Administrative Code and/or exceeding the Effluent Limits of the Wisconsin Department of Natural Resources General Permit to Discharge Under the Wisconsin Pollutant Discharge Elimination System, Contaminated Groundwater from Remedial Action Operations Permit, are likely to be encountered during excavation activities.

Contaminated soil, sediment, groundwater, and/or underground storage tanks (USTs) may be encountered at other locations within the construction limits. If contaminated soil, sediment, groundwater, and/or USTs are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer. If petroleum film or odors are observed during dewatering activities at other locations on the project, terminate dewatering activities and notify the engineer. Contaminated soil, sediment, and/or groundwater at other locations shall be managed by the contractor under this contract, under direction of the engineer and the environmental consultant. USTs will be removed by others.

For further information regarding previous investigation and remediation activities at these sites contact:

Name: Brian Taylor
Wisconsin DOT, Southwest Region
Address: 2101 Wright St.
Madison, WI 53704-2559
Phone: (608) 245-2630
E-mail: BrianF.Taylor@dot.wi.gov

Name: Dan Haak
TRC Environmental Corporation
Address: 708 Heartland Trail, Suite 3000
Madison, WI 53717
Phone: (608) 826-3628
Fax: (608) 886-7423
E-mail: dhaak@trcsolutions.com

A.3 Coordination

Coordinate work under this contract with the environment consultant retained by the department:

Consultant: TRC Environmental Corporation
Address: 708 Heartland Trail, Suite 3000, Madison, WI 53717
Fax: 608-826-3941
Contact: Dan Haak
Phone: (608) 826-3628 office, (608) 886-7423 mobile
E-mail: DHaak@trcsolutions.com
Contact: Alia Schroeder
Phone: (608) 826-3646 office, (608) 572-3845 mobile
E-mail: ASchroeder@trcsolutions.com

The role of the environmental consultant will be limited to:

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

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

Identify the WDNR-licensed bioremediation and disposal facilities that will be used for disposal of contaminated soil and sediment and provide this information to the environmental consultant no later than 30 calendar days prior to commencement of excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soil and sediment from the bioremediation and disposal facilities.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation and dewatering activities in the contaminated areas. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed. Do not pump or haul contaminated groundwater offsite without specific approval from the environmental consultant. Do not transport contaminated soil or sediment offsite without prior approval from the environmental consultant.

A.4 Protection of Groundwater Monitoring Wells

Groundwater monitoring wells may be present within the construction limits. Protect all groundwater monitoring wells to maintain their integrity. Adjust wells that do not conflict with utilities, structures, curb and gutter, etc. to be flush with the final grade. For wells that conflict with the previously mentioned items, notify the environmental consultant, and coordinate with the environmental consultant for the abandonment or adjustment of the wells by others. The environmental consultant will provide maps indicating the locations of all known monitoring wells, if requested by the contractor.

Coordinate with the environmental consultant to ensure that the environmental consultant is present to abandon and/or document the location of the groundwater monitoring wells during excavation activities.

A.5 Excavation Management Plan Approval

The excavation management plan for this project has been designed to minimize the off-site disposal of contaminated material. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR's concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding the investigations, including waste characterization within the project limits, contact Brian Taylor with the department, at (608) 245-2630.

A.6 Health and Safety Requirements for Workers Remediating Contamination

Supplement standard spec 107.1 with the following:

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

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

Disposal of contaminated soil and sediment at the bioremediation and landfill facilities is subject to the facilities' safety policies.

B (Vacant)

C Construction

Supplement standard spec 205.3 with the following:

Control operations in the contaminated areas to minimize the quantity of contaminated soil and sediment excavated. Ensure that excavations do not extend beyond the minimum required to construct utilities and highway improvements unless expressly directed to do so by the engineer.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite disposal. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

On the basis of the results of such field-screening, the material will be designated for disposal as follows:

- Excavation Common consisting of clean soil and/or clean construction and demolition fill (such as clean soil, boulders, concrete, reinforced concrete, bituminous pavement, bricks, building stone, and unpainted or untreated wood), which under NR 500.08 are exempt materials, or
- Low-level contaminated material (for petroleum-contaminated, PID readings less than 10 ppm for and no observation of staining or odor; for chlorinated compound-contaminated, identified based on laboratory detection) for reuse as fill within the construction limits as allowed, or
- Significant petroleum-contaminated soil (significant petroleum odor, staining, and/or PID readings greater than 10 ppm) for off-site bioremediation and disposal at the WDNR-licensed bioremediation facility, or
- Significant chlorinated compound-contaminated soil and metals-contaminated soil and sediment (identified based on laboratory detection) for off-site direct disposal at the WDNR-licensed disposal facility, or
- Potentially contaminated for temporary stockpiling and additional characterization prior to disposal.

Some material may require additional characterization prior to disposal. Provide for the temporary onsite stockpiling of up to 100 cubic yards of contaminated soil or sediment that require additional characterization. Construct and maintain a temporary stockpile of the material according to NR 718.05(3), including, but not limited to, placement of the contaminated soil/fill material on an impervious surface and

covering the stockpile with impervious material to prevent infiltration of precipitation. The department's environmental consultant will collect representative samples of the stockpiled material, laboratory-analyze the samples, and advise the contractor of disposal requirements within 10 business days of the construction of the stockpile. The stockpiled material shall be disposed according to one of the designations listed above. As an alternative to temporarily stockpiling contaminated soil/fill material that requires additional characterization, the contractor has the option of suspending excavation in those areas where such soil is encountered until such time as characterization is completed.

Directly load and haul soil and sediment designated by the environmental consultant for offsite disposal to the WDNR-licensed facility. Verify that vehicles used to transport contaminated material are licensed for such activity according to applicable state and federal regulations. Use loading and hauling practices that are appropriate to prevent any spills or releases of contaminated soils, sediments, or residues. Prior to transport, sufficiently dewater soils and sediments so as not to contain free liquids.

When material is encountered outside the above-identified limits of known contamination that appears to have been impacted with petroleum or other chemical products, or when other obvious potentially contaminated materials are encountered or material exhibits characteristics of industrial-type wastes, such as fly ash, foundry sand, and cinders, or when underground storage tanks are encountered, suspend excavation in that area and notify the engineer and the environmental consultant.

Groundwater may be present within the construction limits. Water generated during dewatering operations (if necessary) is expected to be permitted to discharge to the surface except in the contaminated locations.

Contaminated groundwater generated from dewatering activities within the contaminated areas may exceed the surface water discharge limits specified in the DNR's "General Permit to Discharge under the Wisconsin Pollutant Discharge Elimination System" for "Contaminated Groundwater from Remedial Action Operations" (WPDES Permit No. WI-0046566-5), Table 3.1.

The City of Portage has granted permission to discharge contaminated water generated during dewatering into the sanitary sewer for disposal/treatment at the City of Portage Wastewater Treatment Facilities. Notify Aaron Jahncke, City of Portage Director of Public Works/City Engineer, at (608)742-2176 Ext. 325 prior to discharge of contaminated groundwater to the sanitary sewer. Also notify the environmental consultant prior to pumping contaminated groundwater.

Control operations in the contaminated locations to minimize the quantity of contaminated water managed. Minimize the amount of open trenches, and construct diversion berms and implement other controls to minimize the infiltration of surface water into excavations in areas of known contamination. Maintain surface water controls until construction of utilities in the areas of contamination are complete. Allow contaminated water encountered, but not requiring removal as a standard course of construction, to remain in-place and do not manage according to this special provision.

Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment, and drainage and disposal facilities. Notify the engineer of any dewatering activities and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statutes, judiciary decisions, and regulations of the State of Wisconsin.

D Measurement

The department will measure Management of Contaminated Soil, Sediment, and Groundwater in tons of contaminated soil or sediment accepted by the bioremediation or disposal facility as documented by weight tickets generated by the facility. Load tickets must be delivered to the engineer within 10 business days of the date on which the soil or sediment was accepted by the facility.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.01	Excavation, Hauling, and Disposal of Contaminated Soil (Bioremediation)	TON
SPV.0195.02	Excavation, Hauling, and Disposal of Contaminated Soil (Direct Landfill)	TON

Payment is full compensation for excavating, segregating, loading, hauling, and treatment via bioremediation of petroleum-contaminated soil; excavating, segregating, loading, hauling, and disposal of chlorinated compound-contaminated soil and metal-contaminated sediment; tipping fees; obtaining solid waste collection and transportation service operating licenses; assisting in the collection of soil samples for field evaluation; dewatering of soils and sediment prior to transport, if necessary; controlling

contaminated water and preventing non-contaminated surface water and precipitation from entering the areas of contamination; managing and pumping contaminated water from excavations in the area of contamination to the designated discharge point; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Perkins, Thomas

From: Niemisto, Erin N - DNR <Erin.Niemisto@wisconsin.gov>
Sent: Monday, December 4, 2017 12:34 PM
To: Haak, Daniel; Taylor, Brian F - DOT
Cc: Mason, John M - DNR; TeBeest, Sharlene - DOT; Schroeder, Alia
Subject: Initial Approval - Post Closure Modification Request - USH 51 Corridor, Portage, Columbia County (WisDOT ID#6918-01-02)

Hello Dan and Brian,

On November 3, 2017 the Department received a copy of the Post-Closure Modification Requests for the USH 51 Corridor in Portage, Columbia County, Wisconsin from TRC Environmental Corporation. The request includes information for the following three closed WDNR contaminated sites with continuing obligations to maintain a cap barrier:

Site 7: Mael Estate Property – 109 Edgewater St. – BRRTS# 03-11-168416

Site 19: Crawford 66 – 416 E. Wisconsin St. – BRRTS# 03-11-002155

Site 24: Portage Canal – BRRTS# 02-11-543021

We have reviewed the requests dated October 31, 2017 and found that the approach to maintaining continuing obligations on the three sites is acceptable.

Since the cap barriers will be essentially replaced in kind during improvements to paved sidewalks and roadways, and there will be minimal disturbance of soils during utility work in the project corridor, no fee will be required for these post-closure modifications. However, final documentation of the modifications must be provided to the Department after the modifications are made. The final documentation of modifications should include: an updated cap maintenance plan, photos, cover location maps and all other applicable information.

After documentation is received and reviewed, the Department will be able to officially approve the Post-Closure Modifications to each site.

If you have any questions or concerns please feel free to contact me.

We are committed to service excellence.

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

Erin Niemisto

Hydrogeologist – Bureau of Remediation and Redevelopment

Wisconsin Department of Natural Resources

3911 Fish Hatchery Road, Fitchburg, WI 53711

Phone: (608) 275-3224

erin.niemisto@wisconsin.gov



State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg WI 53711-5397

Scott Walker, Governor
Daniel L. Meyer, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay – 711



July 30, 2018

Dan Haak
TRC Environmental
708 Heartland Trail
Suite 3000
Madison, WI 53717

DNR File Number: None
WisDOT Project I.D.: 6918-01-02

Subject: Approval of Special Provisions Revision 2, USH 51, Wisconsin & DeWitt Streets, Portage, WI

Dear Mr. Haak:

On July 27, 2018 the Department received a letter "Special Provisions Revision 2" with an attached Special Provisions (revised July 2018) from TRC Environmental Corporation for the USH 51 (Wisconsin and DeWitt Streets), Ontario St. to E. Pleasant St., Portage, Wisconsin, road reconstruction project. The Special Provisions outline the procedures that the Department of Transportation and any of its contractors will follow for management of contaminated soil and/or groundwater in the zone of construction.

The letter, Special Provisions, and the previously submitted Phase 2.5/3 Soil Investigation and Special Revisions, Revision 1, dated July 27, 2018, constitute the Excavation Management Plan (EMP) for the project.

The plan submitted appears to be an acceptable approach for the management of contaminated soil and/or groundwater in the project corridor, based on Department of Natural Resources guidelines. The Department hereby approves the proposed Special Provisions Revision 2 (revised July 2018).

If you have any questions, please feel free to contact me by email at john.mason@wisconsin.gov or by phone at 608-275-3222.

Sincerely,

A handwritten signature in blue ink that reads "John Mason".

John Mason
Hydrogeologist
Remediation and Redevelopment

cc: Shar TeBeest, DOT (via email)
Brian Taylor, DOT (via email)
Alia Schroeder, TRC (via email)

Appendix C: Photographic Log

Photographic Log


Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
1	3/24/2021		
Description			
Excavation for storm sewer utility at Site 3. Evidence of petroleum-contaminated soil was not observed.			
Photo taken looking west.			

Photo No.	Date		
2	3/24/2021		
Description			
Excavation for storm sewer utility at Site 3. Evidence of petroleum-contaminated soil was not observed.			
Photo taken looking north.			

Photographic Log



Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
3	5/24/2021		
Description			
<p>Excavation for storm sewer utility installation (Structure 4.22 to Structure 4.24) at the WB lane of USH 51 at Site 11. CVOC-contaminated soil was encountered and was beneficially reused in place.</p> <p>Photo taken looking southwest.</p>			

Photo No.	Date		
4	5/24/2021		
Description			
<p>Groundwater monitoring wells at Site 11 that were located within the construction limits.</p> <p>Photo taken looking northwest.</p>			

Photographic Log

Client Name: Wisconsin Department of Transportation	Site Location: USH 51 Portage, Columbia County, WI	Project No.: WisDOT ID# 6918-01-72 TRC# 421202
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Photo No. 5	Date 5/25/2021	<p>Description Excavation for storm sewer utility installation east of MH 4.20 at the WB lane of USH 51 at Site 11. CVOC-contaminated soil was encountered and was beneficially reused in place.</p> <p>Photo taken looking southwest.</p>	
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Photo No. 6	Date 6/2/2021	<p>Description Excavation for storm sewer utility installation at Site 15. Petroleum-contaminated soil was encountered at this location.</p> <p>Photo taken looking northeast.</p>	
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Photographic Log


Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
7	6/2/2021		
Description Excavation for storm sewer utility installation at Site 15. Petroleum-contaminated soil was encountered at this location. Photo taken looking south.			

Photo No.	Date		
8	6/8/2021		
Description Eastern face of the Portage canal on the east side of USH 51. Photo taken looking northwest.			

Photographic Log

Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
9	6/8/2021		
Description			
<p>Western face of the Portage canal showing canal water remaining to be purged prior to construction.</p> <p>Photo taken looking northeast.</p>			

Photo No.	Date		
10	6/9/2021		
Description			
<p>Excavation of canal culvert on the east side of USH-51. Soil contaminated with metals was stockpiled before removal from the Site.</p> <p>Photo taken looking north.</p>			

Photographic Log

Client Name: Wisconsin Department of Transportation	Site Location: USH 51 Portage, Columbia County, WI	Project No.: WisDOT ID# 6918-01-72 TRC# 421202
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Photo No. 11	Date 6/9/2021
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Description
Excavation of canal culvert on the east side of WI USH 51. Soil contaminated with metals was stockpiled before removal from the Site.

Photo taken looking north.



Photo No. 12	Date 6/9/2021
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Description
Soil contaminated with metals (black soil near center of photo) was present at the base of the Portage canal excavation. The majority of the canal was encased in fill material which looked to be clean sand/gravel. A bridge was previously removed from the area which may explain the quality of fill material.

Photo taken looking north.



Photographic Log

Client Name: Wisconsin Department of Transportation	Site Location: USH 51 Portage, Columbia County, WI	Project No.: WisDOT ID# 6918-01-72 TRC# 421202
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Photo No. 13	Date 6/14/2021	
Description Continued excavation for culvert replacement in the Portage canal at USH 51. Photo taken looking southwest.		

Photo No. 14	Date 6/14/2021	
Description Two connected sections of replacement culvert being installed in the Portage canal at USH 51. Photo taken looking west.		

Photographic Log

Client Name: Wisconsin Department of Transportation	Site Location: USH 51 Portage, Columbia County, WI	Project No.: WisDOT ID# 6918-01-72 TRC# 421202
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Photo No. 15	Date 6/15/2021
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Description
Final excavation for culvert replacement in the Portage canal at USH 51.

Photo taken looking west.



Photo No. 16	Date 6/25/2021
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Description
Installation of storm sewer structure 2.20 and piping at Site 7. Evidence of petroleum-contaminated soil was not observed.

Photo taken looking northwest.



Photographic Log

Client Name: Wisconsin Department of Transportation	Site Location: USH 51 Portage, Columbia County, WI	Project No.: WisDOT ID# 6918-01-72 TRC# 421202
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Photo No. 17	Date 6/25/2021
------------------------	--------------------------

Description
Storm sewer installation at Site 8. Evidence of petroleum-contaminated soil was not observed.

Photo taken looking northwest.



Photo No. 18	Date 6/25/2021
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Description
Catch basin 4.21, installed prior to the contractor notifying TRC personnel.

Photo taken looking northeast.



Photographic Log


Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
19	6/25/2021		
Description Test pit excavation south of catch basin 4.21, between the structure and the Site 11 source areas. The test pit was excavated to collect soil samples to determine the extent of soil contamination in the area where the highway contractor had excavated for structure installation prior to notifying TRC personnel. Photo taken looking west.			

Photo No.	Date		
20	6/25/2021		
Description Test pit excavation south of catch basin 4.21, between the structure and the Site 11 source areas. Photo taken looking south.			

Photographic Log




Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
21	6/25/2021		
Description Storm sewer installation at Site 8. Photo taken looking northeast.			

Photo No.	Date		
22	6/28/2021		
Description Storm sewer installation at Site 8. Evidence of petroleum-contaminated soil was not observed. Photo taken looking north.			




Photographic Log

Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
23	6/29/2021		
<p>Description Storm sewer utility installation at Site 19. Petroleum-contaminated soil was encountered during construction. Visual evidence of contamination (stained soil) can be seen at the bottom of the trench.</p> <p>Photo taken looking east.</p>			
Photo No.	Date		
24	6/29/2021		
<p>Description Storm sewer utility installation at Site 19. Petroleum-contaminated soil was encountered during construction. Visual evidence of contamination (stained soil) can be seen at the bottom of the trench.</p> <p>Photo taken looking east.</p>			

Photographic Log

Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
25	8/4/2021		
Description Excavation for storm sewer installation and grading at Site 21. Petroleum-contaminated soil was encountered during the excavation. Photo taken looking south.			
Photo No.	Date		
26	8/4/2021		
Description Stockpile of petroleum-contaminated soil encountered at Site 21 by the highway contractor. The contaminated soil was stockpiled prior to the notification of TRC personnel. Photo taken looking north.			

Photographic Log

Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
27	9/27/2021		
Description			
Portage canal and post-construction cap at Site 24. Photo taken looking west.			
Description			
Site 11, USH 51 partially surfaced. Photo taken looking south.			


Photographic Log

Client Name: Wisconsin Department of Transportation	Site Location: USH 51 Portage, Columbia County, WI	Project No.: WisDOT ID# 6918-01-72 TRC# 421202
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Photo No. 29	Date 11/10/2021	
Description Site 11, post-construction. Photo taken looking southwest.		

Photo No. 30	Date 11/10/2021	
Description USH 51, post-construction. Photo taken looking south.		

Photographic Log

Client Name:		Site Location:	Project No.:
Wisconsin Department of Transportation		USH 51 Portage, Columbia County, WI	WisDOT ID# 6918-01-72 TRC# 421202
Photo No.	Date		
31	11/10/2021		
Description			
Site 7 post-construction cap. Photo taken looking northeast.			
Photo No.	Date		
32	11/10/2021		
Description			
Site 19 post-construction cap. Photo taken looking southeast.			

Appendix D: Disposal Documentation



Requested Facility: Deer Track Park Landfill Unsure Profile Number: 134854WI
 Multiple Generator Locations (Attach Locations) Request Certificate of Disposal Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- 1. Generator Name: City of Portage (WisDOT ID#6918-01-72)
- 2. Site Address: USH 51
(City, State, ZIP) Portage WI 53901
- 3. County: Columbia
- 4. Contact Name: Aaron Jahncke
- 5. Email: aaron.jahncke@portagewi.gov
- 6. Phone: (608) 742-2176 x325 7. Fax: _____
- 8. Generator EPA ID: _____ N/A
- 9. State ID: _____ N/A

C. MATERIAL INFORMATION

- 1. Common Name: Petroleum-Contaminated Soil
Describe Process(es) Generating Material: See Attached

Highway contractor will be installing underground utilities during road reconstruction of USH 51. Contaminated soil will be excavated from utility trenches. Sources of petroleum contamination are former leaking gasoline and diesel
- 2. Material Composition and Contaminants: See Attached

1. Soil	100 %
2.	
3.	
4.	
Total comp. must be equal to or greater than 100%	
	≥100%
- 3. State Waste Codes: _____ N/A
- 4. Color: Brown/black
- 5. Physical State at 70°F: Solid Liquid Other: _____
- 6. Free Liquid Range Percentage: _____ to _____ N/A
- 7. pH: _____ to _____ N/A
- 8. Strong Odor: Yes No Describe: Petroleum
- 9. Flash Point: <140°F 140°-199°F ≥200° N/A

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

- 1. Analytical attached Yes
Please identify applicable samples and/or lab reports:

All (solid matrix), excluding GP-11A 5-7.5, GP-11B 5-7.5, GP-24A 12.5-15, GP-24B 12.5-15, GP-24C 0-2.5, GP-24D 12.5-15.
- 2. Other information attached (such as MSDS)? Yes

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

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

I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): Aaron Jahncke Date: Mar 10, 2021
Title: DPW/ City Engr.
Company: City of Portage

B. BILLING INFORMATION

SAME AS GENERATOR

- 1. Billing Name: A-1 Excavating, Inc.
- 2. Billing Address: 408 26th Ave.
(City, State, ZIP) Bloomer WI 54724
- 3. Contact Name: Al Gingras
- 4. Email: agingras@a1excavating.com
- 5. Phone: (715) 568-4141 6. Fax: _____
- 7. WM Hauled? Yes No
- 8. P.O. Number: _____
- 9. Payment Method: Credit Account Cash Credit Card

D. REGULATORY INFORMATION

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

F. SHIPPING AND DOT INFORMATION

- 1. One-Time Event Repeat Event/Ongoing Business
- 2. Estimated Quantity/Unit of Measure: 2,450
 Tons Yards Drums Gallons Other: _____
- 3. Container Type and Size: Dump trucks
- 4. USDOT Proper Shipping Name: _____ N/A

Certification Signature

Aaron Jahncke (Mar 10, 2021 08:21 CST)



Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: 134854WI

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

underground storage tanks, which were removed prior to sampling. Contaminated soil conditions are unchanged since sampling.

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	
	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste

a. Please list all USEPA listed and characteristic waste code numbers:

- b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)? Yes No
- c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4. Yes No
- d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)? Yes No
 → If Yes, please check **one** of the following:
 - Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
 - Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.

2. State Hazardous Waste → Please list all state waste codes: _____

3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:
 Delisted Hazardous Waste Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____
 Treated Hazardous Waste Debris Treated Characteristic Hazardous Waste → If checked, complete question 4.

4. Underlying Hazardous Constituents → Please list all Underlying Hazardous Constituents:

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.

- a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue. Yes No
- b. Does this material contain benzene? Yes No
 1. If yes, what is the flow weighted average concentration? _____ ppmw
- c. What is your facility's current total annual benzene quantity in Megagrams? <1 Mg 1–9.99 Mg ≥10 Mg
- d. Is this waste soil from a remediation? Yes No
 1. If yes, what is the benzene concentration in remediation waste? _____ ppmw
- e. Does the waste contain >10% water/moisture? Yes No
- f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw? Yes No
- g. Is material exempt from controls in accordance with 40 CFR 61.342? Yes No
 → If yes, specify exemption: _____
- h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF? Yes No

- 6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination? Yes No
- 7. CERCLA or State-Mandated clean up → Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.
- 8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____

134854WI (1)

Final Audit Report

2021-03-10

Created:	2021-03-09
By:	Thomas Perkins (TPerkins@trccompanies.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAfLcYlxnvJPtI9GMPlug5OhtwQ2yj8xF2

"134854WI (1)" History

-  Document created by Thomas Perkins (TPerkins@trccompanies.com)
2021-03-09 - 11:20:00 PM GMT- IP address: 165.225.60.208
-  Document emailed to Aaron Jahncke (aaron.jahncke@portagewi.gov) for signature
2021-03-09 - 11:22:51 PM GMT
-  Email viewed by Aaron Jahncke (aaron.jahncke@portagewi.gov)
2021-03-10 - 2:21:13 PM GMT- IP address: 66.188.143.130
-  Document e-signed by Aaron Jahncke (aaron.jahncke@portagewi.gov)
Signature Date: 2021-03-10 - 2:21:35 PM GMT - Time Source: server- IP address: 66.188.143.130
-  Agreement completed.
2021-03-10 - 2:21:35 PM GMT



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 590708

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	SHANZ SHANZ	Volume
Ticket Date	03/30/2021	Vehicle#	1	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0001138	
State Waste Code	BR-23	Gen EPA ID		
Manifest	0			
Destination		Grid		
PO				
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	03/30/2021 09:18:56	Scale	krezutek		Tare	70600 lb
Out	03/30/2021 09:29:24	Scale	krezutek		Net	30040 lb
					Tons	40560 lb
						20.28

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	20.28	Tons				
2 ENVT-ENVIRONMENTAL	100	20.28	Tons				
3 FUELT-FUEL SURCHAR	100	20.28	Tons				
4 WWMT-WASTE WATER M	100	20.28	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
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Reprint
 Ticket# 590749

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	SHANZ SHANZ	Volume
Ticket Date	03/30/2021	Vehicle#	1	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0001138	
State Waste Code	BR-23	Gen EPA ID		
Manifest	0			
Destination		Grid		
PO				
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	03/30/2021 12:21:28	Scale	krezutek		Tare	70860 lb
Out	03/30/2021 12:21:28		krezutek		Net	30040 lb
					Tons	40820 lb
						20.41

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	20.41	Tons				
2 ENVT-ENVIRONMENTAL	100	20.41	Tons				
3 FUELT-FUEL SURCHAR	100	20.41	Tons				
4 WWMT-WASTE WATER M	100	20.41	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
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Reprint
 Ticket# 590777

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	SHANZ SHANZ	Volume
Ticket Date	03/30/2021	Vehicle#	1	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0001138	
State Waste Code	BR-23	Gen EPA ID		
Manifest	0			
Destination		Grid		
PO				
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	73660 lb
In	03/30/2021 14:47:58	Scale	krezutek		Tare	30040 lb
Out	03/30/2021 14:47:58		krezutek		Net	43620 lb
					Tons	21.81

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	21.81	Tons				
2 ENVT-ENVIRONMENTAL	100	21.81	Tons				
3 FUELT-FUEL SURCHAR	100	21.81	Tons				
4 WWMT-WASTE WATER M	100	21.81	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
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 Ph: (920) 699-3475

Reprint
 Ticket# 590911

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY KELLEY TRUCKING
Ticket Date	04/01/2021	Vehicle#	32
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	na		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2021 08:34:38	Scale	sbird1		Tare	67580 lb
Out	04/01/2021 08:41:56	Scale	sbird1		Net	28260 lb
					Tons	39320 lb
						19.66

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	19.66	Tons				
2 ENVT-ENVIRONMENTAL	100	19.66	Tons				
3 FUELT-FUEL SURCHAR	100	19.66	Tons				
4 WWMT-WASTE WATER M	100	19.66	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
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Reprint
 Ticket# 596088

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	CBE CBE TRUCKING	Volume
Ticket Date	06/03/2021	Vehicle#	99	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0001138	
State Waste Code	BR-23	Gen EPA ID		
Manifest	0			
Destination		Grid		
PO				
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/03/2021 08:33:34	Scale	krezutek		Tare	70320 lb
Out	06/03/2021 08:44:09	Scale	krezutek		Net	29540 lb
					Tons	40780 lb
						20.39

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	20.39	Tons				
2 ENVT-ENVIRONMENTAL	100	20.39	Tons				
3 FUELT-FUEL SURCHAR	100	20.39	Tons				
4 WWMT-WASTE WATER M	100	20.39	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
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Reprint
 Ticket# 596089

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY KELLEY TRUCKING
Ticket Date	06/03/2021	Vehicle#	34
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/03/2021 08:34:50	Scale	krezutek		Tare	67020 lb
Out	06/03/2021 08:44:57	Scale	krezutek		Net	28800 lb
					Tons	38220 lb
						19.11

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	19.11	Tons				
2 ENVT-ENVIRONMENTAL	100	19.11	Tons				
3 FUELT-FUEL SURCHAR	100	19.11	Tons				
4 WWMT-WASTE WATER M	100	19.11	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
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Reprint
 Ticket# 596090

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	TOPEL TRUCK SERVICE TOPEL TRUCK SERV
Ticket Date	06/03/2021	Vehicle#	ST309
Payment Type	Credit Account	Container	Volume
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	66080 lb
In	06/03/2021 08:36:46	Scale	krezutek		Tare	29420 lb
Out	06/03/2021 08:47:07	Scale	krezutek		Net	36660 lb
					Tons	18.33

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	18.33	Tons				
2 ENVT-ENVIRONMENTAL	100	18.33	Tons				
3 FUELT-FUEL SURCHAR	100	18.33	Tons				
4 WWMT-WASTE WATER M	100	18.33	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596121

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	CBE CBE TRUCKING	Volume
Ticket Date	06/03/2021	Vehicle#	99	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0001138	
State Waste Code	BR-23	Gen EPA ID		
Manifest	0			
Destination		Grid		
PO				
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/03/2021 11:02:40	Scale	krezutek		Tare	64180 lb
Out	06/03/2021 11:02:40		krezutek		Net	29540 lb
					Tons	34640 lb
						17.32

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	17.32	Tons				
2 ENVT-ENVIRONMENTAL	100	17.32	Tons				
3 FUELT-FUEL SURCHAR	100	17.32	Tons				
4 WWMT-WASTE WATER M	100	17.32	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
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Reprint
 Ticket# 596122

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY KELLEY TRUCKING
Ticket Date	06/03/2021	Vehicle#	34
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	64200 lb
In	06/03/2021 11:03:30	Scale	krezutek		Tare	28800 lb
Out	06/03/2021 11:03:30		krezutek		Net	35400 lb
					Tons	17.70

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	17.70	Tons				
2 ENVT-ENVIRONMENTAL	100	17.70	Tons				
3 FUELT-FUEL SURCHAR	100	17.70	Tons				
4 WWMT-WASTE WATER M	100	17.70	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
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Reprint
 Ticket# 596124

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	TOPEL TRUCK SERVICE TOPEL TRUCK SERV
Ticket Date	06/03/2021	Vehicle#	ST309
Payment Type	Credit Account	Container	Volume
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	65500 lb
In	06/03/2021 11:04:36	Scale	krezutek		Tare	29420 lb
Out	06/03/2021 11:04:36		krezutek		Net	36080 lb
					Tons	18.04

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	18.04	Tons				
2 ENVT-ENVIRONMENTAL	100	18.04	Tons				
3 FUELT-FUEL SURCHAR	100	18.04	Tons				
4 WWMT-WASTE WATER M	100	18.04	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596166

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY KELLEY TRUCKING
Ticket Date	06/03/2021	Vehicle#	34
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	68400 lb
In	06/03/2021 13:40:48	Scale	krezutek		Tare	28800 lb
Out	06/03/2021 13:40:48		krezutek		Net	39600 lb
					Tons	19.80

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	19.80	Tons				
2 ENVT-ENVIRONMENTAL	100	19.80	Tons				
3 FUELT-FUEL SURCHAR	100	19.80	Tons				
4 WWMT-WASTE WATER M	100	19.80	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596167

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	CBE CBE TRUCKING	Volume
Ticket Date	06/03/2021	Vehicle#	99	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0001138	
State Waste Code	BR-23	Gen EPA ID		
Manifest	0			
Destination		Grid		
PO				
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	67600 lb
In	06/03/2021 13:41:26	Scale	krezutek		Tare	29540 lb
Out	06/03/2021 13:41:26		krezutek		Net	38060 lb
					Tons	19.03

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	19.03	Tons				
2 ENVT-ENVIRONMENTAL	100	19.03	Tons				
3 FUELT-FUEL SURCHAR	100	19.03	Tons				
4 WWMT-WASTE WATER M	100	19.03	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
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Reprint
 Ticket# 596168

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	TOPEL TRUCK SERVICE TOPEL TRUCK SERV
Ticket Date	06/03/2021	Vehicle#	ST309
Payment Type	Credit Account	Container	Volume
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	65720 lb
In	06/03/2021 13:42:01	Scale	krezutek		Tare	29420 lb
Out	06/03/2021 13:42:01		krezutek		Net	36300 lb
					Tons	18.15

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	18.15	Tons				
2 ENVT-ENVIRONMENTAL	100	18.15	Tons				
3 FUELT-FUEL SURCHAR	100	18.15	Tons				
4 WWMT-WASTE WATER M	100	18.15	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596188

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	KELLEY KELLEY TRUCKING
Ticket Date	06/03/2021	Vehicle#	37
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/03/2021 15:15:02	Scale	krezutek		Tare	65640 lb
Out	06/03/2021 15:25:40	Scale	krezutek		Net	28240 lb
					Tons	37400 lb
						18.70

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	18.70	Tons				
2 ENVT-ENVIRONMENTAL	100	18.70	Tons				
3 FUELT-FUEL SURCHAR	100	18.70	Tons				
4 WWMT-WASTE WATER M	100	18.70	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596191

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	TOPEL TRUCK SERVICE TOPEL TRUCK SERV
Ticket Date	06/04/2021	Vehicle#	ST309
Payment Type	Credit Account	Container	Volume
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	68640 lb
In	06/04/2021 07:02:08	Scale	krezutek		Tare	29420 lb
Out	06/04/2021 07:02:08		krezutek		Net	39220 lb
					Tons	19.61

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	19.61	Tons				
2 ENVT-ENVIRONMENTAL	100	19.61	Tons				
3 FUELT-FUEL SURCHAR	100	19.61	Tons				
4 WWMT-WASTE WATER M	100	19.61	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596195

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	CBE CBE TRUCKING	Volume
Ticket Date	06/04/2021	Vehicle#	99	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0001138	
State Waste Code	BR-23	Gen EPA ID		
Manifest	0			
Destination		Grid		
PO				
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/04/2021 07:05:13	Scale	krezutek		Tare	67040 lb
Out	06/04/2021 07:05:13		krezutek		Net	29540 lb
					Tons	37500 lb
						18.75

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	18.75	Tons				
2 ENVT-ENVIRONMENTAL	100	18.75	Tons				
3 FUELT-FUEL SURCHAR	100	18.75	Tons				
4 WWMT-WASTE WATER M	100	18.75	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596611

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	A-1 EXPRESS A-1 EXPRESS
Ticket Date	06/08/2021	Vehicle#	A108 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	72000 lb
In	06/08/2021 08:05:14	Scale	krezutek		Tare	28860 lb
Out	06/08/2021 08:16:47	Scale	krezutek		Net	43140 lb
					Tons	21.57

Comments REPLACEMENT TICKET FOR TICKET # 596497

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	21.57	Tons				
2 ENVT-ENVIRONMENTAL	100	21.57	Tons				
3 FUELT-FUEL SURCHAR	100	21.57	Tons				
4 WWMT-WASTE WATER M	100	21.57	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596612

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	A-1 EXPRESS A-1 EXPRESS
Ticket Date	06/08/2021	Vehicle#	A108 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/08/2021 12:45:36	Scale	krezutek		Tare	73120 lb
Out	06/08/2021 12:45:36		krezutek		Net	28860 lb
					Tons	44260 lb
						22.13

Comments REPLACEMENT TICKET FOR TICKET # 596600

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	22.13	Tons				
2 ENVT-ENVIRONMENTAL	100	22.13	Tons				
3 FUELT-FUEL SURCHAR	100	22.13	Tons				
4 WWMT-WASTE WATER M	100	22.13	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596616

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	A-1 EXPRESS A-1 EXPRESS
Ticket Date	06/08/2021	Vehicle#	a117
Payment Type	Credit Account	Container	Volume
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	71180 lb
In	06/08/2021 11:59:45	Scale	krezutek		Tare	28560 lb
Out	06/08/2021 11:59:45		krezutek		Net	42620 lb
					Tons	21.31

Comments REPLACEMENT TICKET FOR TICKET # 596588

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	21.31	Tons				
2 ENVT-ENVIRONMENTAL	100	21.31	Tons				
3 FUELT-FUEL SURCHAR	100	21.31	Tons				
4 WWMT-WASTE WATER M	100	21.31	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596617

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	A-1 EXPRESS A-1 EXPRESS
Ticket Date	06/08/2021	Vehicle#	a117
Payment Type	Credit Account	Container	Volume
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/08/2021 08:04:21	Scale	krezutek		Tare	67960 lb
Out	06/08/2021 08:15:50	Scale	krezutek		Net	28560 lb
					Tons	39400 lb
						19.70

Comments REPLACEMENT TICKET FOR TICKET # 596496

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	19.70	Tons				
2 ENVT-ENVIRONMENTAL	100	19.70	Tons				
3 FUELT-FUEL SURCHAR	100	19.70	Tons				
4 WWMT-WASTE WATER M	100	19.70	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 596618

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	LAMBERT TRUCKING	Volume
Ticket Date	06/08/2021	Vehicle#	241	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0001138	
State Waste Code	BR-23	Gen EPA ID		
Manifest	0			
Destination		Grid		
PO				
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/08/2021 08:05:48	Scale	krezutek		Tare	68580 lb
Out	06/08/2021 08:19:21	Scale	krezutek		Net	27880 lb
					Tons	40700 lb
						20.35

Comments REPLACEMENT TICKET FOR TICKET # 596498

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	20.35	Tons				
2 ENVT-ENVIRONMENTAL	100	20.35	Tons				
3 FUELT-FUEL SURCHAR	100	20.35	Tons				
4 WWMT-WASTE WATER M	100	20.35	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 598380

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A-1 EXPRESS A-1 EXPRESS
Ticket Date	06/29/2021	Vehicle#	108 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/29/2021 09:25:47	Scale	slaatsc2		Tare	66960 lb 28900 lb
Out	06/29/2021 09:40:49	Scale	slaatsc2		Net	38060 lb
					Tons	19.03

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	19.03	Tons				
2 ENVT-ENVIRONMENTAL	100	19.03	Tons				
3 FUELT-FUEL SURCHAR	100	19.03	Tons				
4 WWMT-WASTE WATER M	100	19.03	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 598385

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	A-1 EXPRESS A-1 EXPRESS
Ticket Date	06/29/2021	Vehicle#	a117
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/29/2021 09:39:10	Scale	slaatsc2		Tare	69340 lb
Out	06/29/2021 09:56:20	Scale	slaatsc2		Net	28680 lb
					Tons	40660 lb
						20.33

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	20.33	Tons				
2 ENVT-ENVIRONMENTAL	100	20.33	Tons				
3 FUELT-FUEL SURCHAR	100	20.33	Tons				
4 WWMT-WASTE WATER M	100	20.33	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 598501

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	A-1 EXPRESS A-1 EXPRESS
Ticket Date	06/30/2021	Vehicle#	a117
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	61120 lb
In	06/30/2021 07:43:18	Scale	slaatsc2		Tare	28680 lb
Out	06/30/2021 07:43:18		slaatsc2		Net	32440 lb
					Tons	16.22

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	16.22	Tons				
2 ENVT-ENVIRONMENTAL	100	16.22	Tons				
3 FUELT-FUEL SURCHAR	100	16.22	Tons				
4 WWMT-WASTE WATER M	100	16.22	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Deer Track Park Landfill
 N6756 Waldmann Lane
 Watertown, WI, 53094
 Ph: (920) 699-3475

Reprint
 Ticket# 598502

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	A-1 EXPRESS A-1 EXPRESS
Ticket Date	06/30/2021	Vehicle#	108 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0001138
State Waste Code	BR-23	Gen EPA ID	
Manifest	0		
Destination		Grid	
PO			
Profile	BIO134854WI (PETROLEUM CONTAMINATED SOIL WM012B)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/30/2021 07:47:45	Scale	slaatsc2		Tare	63720 lb
Out	06/30/2021 07:59:54	Scale	slaatsc2		Net	28740 lb
					Tons	34980 lb
						17.49

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spw Biorem RGC-Ton	100	17.49	Tons				
2 ENVT-ENVIRONMENTAL	100	17.49	Tons				
3 FUELT-FUEL SURCHAR	100	17.49	Tons				
4 WWMT-WASTE WATER M	100	17.49	Tons				

Total Tax
 Total Ticket

Driver`s Signature

Date	Manifest/Additional Documents	Ticket #	Material	Facility	Carrier	Vehicle	Tons/Tonnes	Material Quantity	Material Unit	
3/30/2021	BIO134854WI	0	590708	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	SHANZ	1	20.28	20.28	TON
3/30/2021	BIO134854WI	0	590749	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	SHANZ	1	20.41	20.41	TON
3/30/2021	BIO134854WI	0	590777	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	SHANZ	1	21.81	21.81	TON
4/1/2021	BIO134854WI	0	590911	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	KELLEY TRUCKING	32	19.66	19.66	TON
6/3/2021	BIO134854WI	0	596088	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	CBE TRUCKING	99	20.39	20.39	TON
6/3/2021	BIO134854WI	0	596089	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	KELLEY TRUCKING	34	19.11	19.11	TON
6/3/2021	BIO134854WI	0	596090	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	TOPEL TRUCK SERVICE	ST309	18.33	18.33	TON
6/3/2021	BIO134854WI	0	596121	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	CBE TRUCKING	99	17.32	17.32	TON
6/3/2021	BIO134854WI	0	596122	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	KELLEY TRUCKING	34	17.7	17.7	TON
6/3/2021	BIO134854WI	0	596124	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	TOPEL TRUCK SERVICE	ST309	18.04	18.04	TON
6/3/2021	BIO134854WI	0	596166	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	KELLEY TRUCKING	34	19.8	19.8	TON
6/3/2021	BIO134854WI	0	596167	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	CBE TRUCKING	99	19.03	19.03	TON
6/3/2021	BIO134854WI	0	596168	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	TOPEL TRUCK SERVICE	ST309	18.15	18.15	TON
6/3/2021	BIO134854WI	0	596188	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	KELLEY TRUCKING	37	18.7	18.7	TON
6/4/2021	BIO134854WI	0	596191	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	TOPEL TRUCK SERVICE	ST309	19.61	19.61	TON
6/4/2021	BIO134854WI	0	596195	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	CBE TRUCKING	99	18.75	18.75	TON
6/8/2021	BIO134854WI	0	596611	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	A108	21.57	21.57	TON
6/8/2021	BIO134854WI	0	596612	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	A108	22.13	22.13	TON
6/8/2021	BIO134854WI	0	596616	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	a117	21.31	21.31	TON
6/8/2021	BIO134854WI	0	596617	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	a117	19.7	19.7	TON
6/8/2021	BIO134854WI	0	596618	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF		241	20.35	20.35	TON
6/29/2021	BIO134854WI	0	598380	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	108	19.03	19.03	TON
6/29/2021	BIO134854WI	0	598385	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	a117	20.33	20.33	TON
6/30/2021	BIO134854WI	0	598501	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	a117	16.22	16.22	TON
6/30/2021	BIO134854WI	0	598502	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	108	17.49	17.49	TON
6/30/2021	BIO134854WI	0	598572	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	108	20.44	20.44	TON
8/5/2021	BIO134854WI	0	601414	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	A-1 EXPRESS	A108	15.73	15.73	TON
8/5/2021	BIO134854WI	0	601420	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	KELLEY TRUCKING	32	18.12	18.12	TON
8/5/2021	BIO134854WI	0	601422	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	TOPEL TRUCK SERVICE	ST309	17.59	17.59	TON
8/5/2021	BIO134854WI	0	601415	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF		88	16.85	16.85	TON
8/5/2021	BIO134854WI	0	601416	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF		23	16.42	16.42	TON
8/5/2021	BIO134854WI	0	601418	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	KELLEY TRUCKING	35	16.95	16.95	TON
8/5/2021	BIO134854WI	0	601425	Unspecified material, bioremediated, daily cover, PMT RGC	WI Deer Track Park LF	KELLEY TRUCKING	62	17.68	17.68	TON
Total								625		TON



Requested Facility: Madison Prairie Landfill Unsure Profile Number: 134856WI
 Multiple Generator Locations (Attach Locations) Request Certificate of Disposal Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- 1. Generator Name: City of Portage (WisDOT ID#6918-01-72)
- 2. Site Address: USH 51
(City, State, ZIP) Portage WI 53901
- 3. County: Columbia
- 4. Contact Name: Aaron Jahncke
- 5. Email: Aaron.Jahncke@portagewi.gov
- 6. Phone: (608) 742-2176 x325 7. Fax: _____
- 8. Generator EPA ID: _____ N/A
- 9. State ID: _____ N/A

C. MATERIAL INFORMATION

- 1. Common Name: Metals and Chlorinated Compound Contaminated Soil
Describe Process(es) Generating Material: See Attached

Highway contractor will be installing underground utilities during road reconstruction of USH 51. Contaminated soil will be excavated from utility trenches. Source of lead contamination comes from urban runoff and industrial discharges
- 2. Material Composition and Contaminants: See Attached

1. Soil	100 %
2.	
3.	
4.	
Total comp. must be equal to or greater than 100%	
	≥100%
- 3. State Waste Codes: _____ N/A
- 4. Color: Brown/black
- 5. Physical State at 70°F: Solid Liquid Other: _____
- 6. Free Liquid Range Percentage: _____ to _____ N/A
- 7. pH: _____ to _____ N/A
- 8. Strong Odor: Yes No Describe: _____
- 9. Flash Point: <140°F 140°-199°F ≥200° N/A

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

- 1. Analytical attached Yes
Please identify applicable samples and/or lab reports:

Solid matrix - GP-11A, GP-24D
- 2. Other information attached (such as MSDS)? Yes

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

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

I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): Aaron Jahncke Date: Mar 10, 2021
Title: DPW/ City Engr.
Company: City of Portage

B. BILLING INFORMATION

SAME AS GENERATOR

- 1. Billing Name: A-1 Excavating, Inc.
- 2. Billing Address: 408 26th Ave.
(City, State, ZIP) Bloomer WI WI 54724
- 3. Contact Name: Al Gingras
- 4. Email: agingras@a1excavating.com
- 5. Phone: (715) 568-4141 6. Fax: _____
- 7. WM Hauled? Yes No
- 8. P.O. Number: _____
- 9. Payment Method: Credit Account Cash Credit Card

D. REGULATORY INFORMATION

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

F. SHIPPING AND DOT INFORMATION

- 1. One-Time Event Repeat Event/Ongoing Business
- 2. Estimated Quantity/Unit of Measure: 2,800
 Tons Yards Drums Gallons Other: _____
- 3. Container Type and Size: Dump trucks
- 4. USDOT Proper Shipping Name: _____ N/A

Certification Signature
Aaron Jahncke
Aaron Jahncke (Mar 10, 2021 08:21 CST)



Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: 134856WI

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

over a significant period of time to the Portage canal. PCE contamination comes from a dry cleaning operation located adjacent to the excavation area. Contaminated soil conditions are likely unchanged since sampling.

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste

a. Please list all USEPA listed and characteristic waste code numbers:

- b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)? Yes No
- c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4. Yes No
- d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)? Yes No
 → If Yes, please check **one** of the following:
 - Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
 - Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.

2. State Hazardous Waste → Please list all state waste codes: _____

3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:
 Delisted Hazardous Waste Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____
 Treated Hazardous Waste Debris Treated Characteristic Hazardous Waste → If checked, complete question 4.

4. Underlying Hazardous Constituents → Please list all Underlying Hazardous Constituents:

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.

- a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue. Yes No
 - b. Does this material contain benzene? Yes No
 1. If yes, what is the flow weighted average concentration? _____ ppmw
 - c. What is your facility's current total annual benzene quantity in Megagrams? <1 Mg 1–9.99 Mg ≥10 Mg
 - d. Is this waste soil from a remediation? Yes No
 1. If yes, what is the benzene concentration in remediation waste? _____ ppmw
 - e. Does the waste contain >10% water/moisture? Yes No
 - f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw? Yes No
 - g. Is material exempt from controls in accordance with 40 CFR 61.342? Yes No
 → If yes, specify exemption: _____
 - h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF? Yes No
6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination? Yes No
7. CERCLA or State-Mandated clean up → Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.
8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____

134856WI (1)

Final Audit Report

2021-03-10

Created:	2021-03-09
By:	Thomas Perkins (TPerkins@trccompanies.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAtYDSbPrZwg15qeulb9KHaJPlqGmYoSEA

"134856WI (1)" History

-  Document created by Thomas Perkins (TPerkins@trccompanies.com)
2021-03-09 - 11:24:02 PM GMT- IP address: 165.225.60.208
-  Document emailed to Aaron Jahncke (aaron.jahncke@portagewi.gov) for signature
2021-03-09 - 11:24:56 PM GMT
-  Email viewed by Aaron Jahncke (aaron.jahncke@portagewi.gov)
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-  Document e-signed by Aaron Jahncke (aaron.jahncke@portagewi.gov)
Signature Date: 2021-03-10 - 2:21:07 PM GMT - Time Source: server- IP address: 66.188.143.130
-  Agreement completed.
2021-03-10 - 2:21:07 PM GMT



Madison Prairie Landfill
 6002 NELSON ROAD
 SUN PRAIRIE, WI, 53590
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Reprint
 Ticket# 396363

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLY	Volume
Ticket Date	06/16/2021	Vehicle#	35	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 07:35:42	scale	Sriddle1		Tare	69340 lb
Out	06/16/2021 07:53:45	scale	Sriddle1		Net	28880 lb
					Tons	40460 lb
						20.23

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	20.23	Tons				
2 ENVT-ENVIRONMENTAL	100	20.23	Tons				
3 FUELT-FUEL SURCHAR	100	20.23	Tons				
4 WWMT-WASTE WATER M	100	20.23	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396369

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/16/2021	Vehicle#	117 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	70040 lb
In	06/16/2021 07:51:48	scale	Sriddle1		Tare	28780 lb
Out	06/16/2021 08:01:24	scale	Sriddle1		Net	41260 lb
					Tons	20.63

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	20.63	Tons				
2 ENVT-ENVIRONMENTAL	100	20.63	Tons				
3 FUELT-FUEL SURCHAR	100	20.63	Tons				
4 WWMT-WASTE WATER M	100	20.63	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396368

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLY	Volume
Ticket Date	06/16/2021	Vehicle#	32	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 07:49:37	scale	Sriddle1		Tare	66640 lb 28180 lb
Out	06/16/2021 08:03:07	scale	Sriddle1		Net	38460 lb
					Tons	19.23

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	19.23	Tons				
2 ENVT-ENVIRONMENTAL	100	19.23	Tons				
3 FUELT-FUEL SURCHAR	100	19.23	Tons				
4 WWMT-WASTE WATER M	100	19.23	Tons				

Total Tax
 Total Ticket

Driver`s Signature



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Reprint
 Ticket# 396370

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/16/2021	Vehicle#	108 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 07:56:04	scale	Sriddle1		Tare	65640 lb 29040 lb
Out	06/16/2021 08:05:58	scale	Sriddle1		Net	36600 lb
					Tons	18.30

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	18.30	Tons				
2 ENVT-ENVIRONMENTAL	100	18.30	Tons				
3 FUELT-FUEL SURCHAR	100	18.30	Tons				
4 WWMT-WASTE WATER M	100	18.30	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396384

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/16/2021	Vehicle#	117 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 09:29:17	scale	Sriddle1		Tare	68780 lb
Out	06/16/2021 09:29:17		Sriddle1		Net	28780 lb
					Tons	40000 lb
						20.00

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	20.00	Tons				
2 ENVT-ENVIRONMENTAL	100	20.00	Tons				
3 FUELT-FUEL SURCHAR	100	20.00	Tons				
4 WWMT-WASTE WATER M	100	20.00	Tons				

Total Tax
 Total Ticket

Driver`s Signature



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Reprint
 Ticket# 396393

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLY	Volume
Ticket Date	06/16/2021	Vehicle#	35	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	69140 lb*
In	06/16/2021 09:54:34	scale	Sriddle1		Tare	28880 lb*
Out	06/16/2021 09:54:34		Sriddle1		Net	40260 lb
			* Manual Weight		Tons	20.13

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	20.13	Tons				
2 ENVT-ENVIRONMENTAL	100	20.13	Tons				
3 FUELT-FUEL SURCHAR	100	20.13	Tons				
4 WWMT-WASTE WATER M	100	20.13	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396398

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY DUMP	Volume
Ticket Date	06/16/2021	Vehicle#	32	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 10:11:10	scale	Sriddle1		Tare	67680 lb*
Out	06/16/2021 10:12:09	scale	Sriddle1		Net	28040 lb*
			* Manual Weight		Tons	39640 lb
						19.82

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	19.82	Tons				
2 ENVT-ENVIRONMENTAL	100	19.82	Tons				
3 FUELT-FUEL SURCHAR	100	19.82	Tons				
4 WWMT-WASTE WATER M	100	19.82	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396407

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/16/2021	Vehicle#	117 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	68080 lb
In	06/16/2021 11:04:06	scale	Sriddle1		Tare	28780 lb
Out	06/16/2021 11:04:06		Sriddle1		Net	39300 lb
					Tons	19.65

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	19.65	Tons				
2 ENVT-ENVIRONMENTAL	100	19.65	Tons				
3 FUELT-FUEL SURCHAR	100	19.65	Tons				
4 WWMT-WASTE WATER M	100	19.65	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396404

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY DUMP	Volume
Ticket Date	06/16/2021	Vehicle#	35	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 10:57:02	scale	Sriddle1		Tare	73940 lb
Out	06/16/2021 11:08:40	scale	Sriddle1		Net	28700 lb
					Tons	45240 lb
						22.62

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	22.62	Tons				
2 ENVT-ENVIRONMENTAL	100	22.62	Tons				
3 FUELT-FUEL SURCHAR	100	22.62	Tons				
4 WWMT-WASTE WATER M	100	22.62	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396411

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLY	Volume
Ticket Date	06/16/2021	Vehicle#	32	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 11:15:09	scale	Sriddle1		Tare	65400 lb
Out	06/16/2021 11:15:09		Sriddle1		Net	28180 lb
					Tons	37220 lb
						18.61

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	18.61	Tons				
2 ENVT-ENVIRONMENTAL	100	18.61	Tons				
3 FUELT-FUEL SURCHAR	100	18.61	Tons				
4 WWMT-WASTE WATER M	100	18.61	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396426

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLY	Volume
Ticket Date	06/16/2021	Vehicle#	35	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 12:37:44	scale	Sriddle1		Tare	68920 lb
Out	06/16/2021 12:37:44		Sriddle1		Net	28880 lb
					Tons	40040 lb
						20.02

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	20.02	Tons				
2 ENVT-ENVIRONMENTAL	100	20.02	Tons				
3 FUELT-FUEL SURCHAR	100	20.02	Tons				
4 WWMT-WASTE WATER M	100	20.02	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396427

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/16/2021	Vehicle#	117 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 12:45:46	scale	Sriddle1		Tare	67040 lb
Out	06/16/2021 12:45:46		Sriddle1		Net	28780 lb
					Tons	38260 lb
						19.13

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	19.13	Tons				
2 ENVT-ENVIRONMENTAL	100	19.13	Tons				
3 FUELT-FUEL SURCHAR	100	19.13	Tons				
4 WWMT-WASTE WATER M	100	19.13	Tons				

Total Tax
 Total Ticket

Driver`s Signature



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Reprint
 Ticket# 396428

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY DUMP	Volume
Ticket Date	06/16/2021	Vehicle#	32	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 12:49:05	scale	Sriddle1		Tare	64840 lb
Out	06/16/2021 12:49:05		Sriddle1		Net	28040 lb
					Tons	36800 lb
						18.40

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	18.40	Tons				
2 ENVT-ENVIRONMENTAL	100	18.40	Tons				
3 FUELT-FUEL SURCHAR	100	18.40	Tons				
4 WWMT-WASTE WATER M	100	18.40	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
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Reprint
 Ticket# 396445

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/16/2021	Vehicle#	108 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 14:10:49	scale	Sriddle1		Tare	69420 lb 29040 lb
Out	06/16/2021 14:10:49		Sriddle1		Net	40380 lb
					Tons	20.19

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	20.19	Tons				
2 ENVT-ENVIRONMENTAL	100	20.19	Tons				
3 FUELT-FUEL SURCHAR	100	20.19	Tons				
4 WWMT-WASTE WATER M	100	20.19	Tons				

Total Tax
 Total Ticket

Driver`s Signature



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Reprint
 Ticket# 396447

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLY	Volume
Ticket Date	06/16/2021	Vehicle#	35	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 14:18:04	scale	Sriddle1		Tare	65480 lb
Out	06/16/2021 14:18:04		Sriddle1		Net	28880 lb
					Tons	36600 lb
						18.30

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	18.30	Tons				
2 ENVT-ENVIRONMENTAL	100	18.30	Tons				
3 FUELT-FUEL SURCHAR	100	18.30	Tons				
4 WWMT-WASTE WATER M	100	18.30	Tons				

Total Tax
 Total Ticket

Driver`s Signature



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Reprint
 Ticket# 396449

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/16/2021	Vehicle#	117 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 14:19:44	scale	Sriddle1		Tare	67400 lb
Out	06/16/2021 14:19:44		Sriddle1		Net	28780 lb
					Tons	38620 lb
						19.31

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	19.31	Tons				
2 ENVT-ENVIRONMENTAL	100	19.31	Tons				
3 FUELT-FUEL SURCHAR	100	19.31	Tons				
4 WWMT-WASTE WATER M	100	19.31	Tons				

Total Tax
 Total Ticket

Driver`s Signature



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Reprint
 Ticket# 396450

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLY	Volume
Ticket Date	06/16/2021	Vehicle#	32	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 14:22:15	scale	Sriddle1		Tare	64940 lb
Out	06/16/2021 14:22:15		Sriddle1		Net	28180 lb
					Tons	36760 lb
						18.38

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	18.38	Tons				
2 ENVT-ENVIRONMENTAL	100	18.38	Tons				
3 FUELT-FUEL SURCHAR	100	18.38	Tons				
4 WWMT-WASTE WATER M	100	18.38	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
 6002 NELSON ROAD
 SUN PRAIRIE, WI, 53590
 Ph: 608-837-9031

Reprint
 Ticket# 396463

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/16/2021	Vehicle#	117 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	67180 lb
In	06/16/2021 15:55:38	scale	Sriddle1		Tare	28780 lb
Out	06/16/2021 15:55:38		Sriddle1		Net	38400 lb
					Tons	19.20

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	19.20	Tons				
2 ENVT-ENVIRONMENTAL	100	19.20	Tons				
3 FUELT-FUEL SURCHAR	100	19.20	Tons				
4 WWMT-WASTE WATER M	100	19.20	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
 6002 NELSON ROAD
 SUN PRAIRIE, WI, 53590
 Ph: 608-837-9031

Reprint
 Ticket# 396464

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY DUMP	Volume
Ticket Date	06/16/2021	Vehicle#	35	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 16:01:03	scale	Sriddle1		Tare	68940 lb
Out	06/16/2021 16:01:03		Sriddle1		Net	28700 lb
					Tons	40240 lb
						20.12

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	20.12	Tons				
2 ENVT-ENVIRONMENTAL	100	20.12	Tons				
3 FUELT-FUEL SURCHAR	100	20.12	Tons				
4 WWMT-WASTE WATER M	100	20.12	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
 6002 NELSON ROAD
 SUN PRAIRIE, WI, 53590
 Ph: 608-837-9031

Reprint
 Ticket# 396466

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/16/2021	Vehicle#	108 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	70840 lb
In	06/16/2021 16:03:13	scale	Sriddle1		Tare	29040 lb
Out	06/16/2021 16:03:13		Sriddle1		Net	41800 lb
					Tons	20.90

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	20.90	Tons				
2 ENVT-ENVIRONMENTAL	100	20.90	Tons				
3 FUELT-FUEL SURCHAR	100	20.90	Tons				
4 WWMT-WASTE WATER M	100	20.90	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
 6002 NELSON ROAD
 SUN PRAIRIE, WI, 53590
 Ph: 608-837-9031

Reprint
 Ticket# 396467

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY DUMP	Volume
Ticket Date	06/16/2021	Vehicle#	32	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/16/2021 16:07:47	scale	Sriddle1		Tare	67600 lb
Out	06/16/2021 16:07:47		Sriddle1		Net	28040 lb
					Tons	39560 lb
						19.78

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	19.78	Tons				
2 ENVT-ENVIRONMENTAL	100	19.78	Tons				
3 FUELT-FUEL SURCHAR	100	19.78	Tons				
4 WWMT-WASTE WATER M	100	19.78	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
 6002 NELSON ROAD
 SUN PRAIRIE, WI, 53590
 Ph: 608-837-9031

Reprint
 Ticket# 396470

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLY	Volume
Ticket Date	06/17/2021	Vehicle#	35	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/17/2021 07:27:41	scale	Sriddle1		Tare	66180 lb
Out	06/17/2021 07:27:41		Sriddle1		Net	28880 lb
					Tons	37300 lb
						18.65

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	18.65	Tons				
2 ENVT-ENVIRONMENTAL	100	18.65	Tons				
3 FUELT-FUEL SURCHAR	100	18.65	Tons				
4 WWMT-WASTE WATER M	100	18.65	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
 6002 NELSON ROAD
 SUN PRAIRIE, WI, 53590
 Ph: 608-837-9031

Reprint
 Ticket# 396471

Customer Name	A1 EXCAVATING A1 EXCAVATING	Carrier	A1 EXPRESS TRUCKING A1 EXPRESS TRUCK
Ticket Date	06/17/2021	Vehicle#	108 Volume
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0002003
State Waste Code	A-24-06	Gen EPA ID	
Manifest	*		
Destination		Grid	
PO			
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)		
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72		

	Time	Scale	Operator	Inbound	Gross	65880 lb
In	06/17/2021 07:28:40	scale	Sriddle1		Tare	29040 lb
Out	06/17/2021 07:28:40		Sriddle1		Net	36840 lb
					Tons	18.42

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	18.42	Tons				
2 ENVT-ENVIRONMENTAL	100	18.42	Tons				
3 FUELT-FUEL SURCHAR	100	18.42	Tons				
4 WWMT-WASTE WATER M	100	18.42	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
 6002 NELSON ROAD
 SUN PRAIRIE, WI, 53590
 Ph: 608-837-9031

Reprint
 Ticket# 396473

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLY	Volume
Ticket Date	06/17/2021	Vehicle#	32	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	*			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	06/17/2021 07:48:13	scale	Sriddle1		Tare	63440 lb
Out	06/17/2021 07:48:13		Sriddle1		Net	28180 lb
					Tons	35260 lb
						17.63

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	17.63	Tons				
2 ENVT-ENVIRONMENTAL	100	17.63	Tons				
3 FUELT-FUEL SURCHAR	100	17.63	Tons				
4 WWMT-WASTE WATER M	100	17.63	Tons				

Total Tax
 Total Ticket

Driver`s Signature



Madison Prairie Landfill
 6002 NELSON ROAD
 SUN PRAIRIE, WI, 53590
 Ph: 608-837-9031

Reprint
 Ticket# 397588

Customer Name	ALEXCAVATING A1 EXCAVATING	Carrier	KELLEY DUMP	Volume
Ticket Date	07/06/2021	Vehicle#	35	
Payment Type	Credit Account	Container		
Manual Ticket#		Driver		
Hauling Ticket#		Check#		
Route		Billing #	0002003	
State Waste Code	A-24-06	Gen EPA ID		
Manifest	0			
Destination		Grid		
PO				
Profile	134856WI (METALS AND CHLORINATED COMPOUND CONTAMINATED SOIL WM012A)			
Generator	136-PORTAGEWIDOT69180172 CITY OF PORTAGE WI DOT 6918 01 72			

	Time	Scale	Operator	Inbound	Gross	
In	07/06/2021 14:39:38	scale	krezutek		Tare	66720 lb
Out	07/06/2021 14:39:38		krezutek		Net	28700 lb
					Tons	38020 lb
						19.01

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	19.01	Tons				
2 ENVT-ENVIRONMENTAL	100	19.01	Tons				
3 FUELT-FUEL SURCHAR	100	19.01	Tons				
4 WWMT-WASTE WATER M	100	19.01	Tons				

Total Tax
 Total Ticket

Driver`s Signature

Date	Manifest/Additional Documents	Ticket #	Material	Facility	Carrier	Vehicle	Tons/Tonnes	Material Quantity	Material Unit	
6/16/2021	134856WI	0	396363	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie		35	20.23	20.23	TON
6/16/2021	134856WI	0	396369	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	117	20.63	20.63	TON
6/16/2021	134856WI	0	396368	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie		32	19.23	19.23	TON
6/16/2021	134856WI	0	396370	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	108	18.3	18.3	TON
6/16/2021	134856WI	0	396384	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	117	20	20	TON
6/16/2021	134856WI	0	396393	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie		35	20.13	20.13	TON
6/16/2021	134856WI	0	396398	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	DUMP	32	19.82	19.82	TON
6/16/2021	134856WI	0	396407	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	117	19.65	19.65	TON
6/16/2021	134856WI	0	396404	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	DUMP	35	22.62	22.62	TON
6/16/2021	134856WI	0	396411	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie		32	18.61	18.61	TON
6/16/2021	134856WI	0	396426	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie		35	20.02	20.02	TON
6/16/2021	134856WI	0	396427	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	117	19.13	19.13	TON
6/16/2021	134856WI	0	396428	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	DUMP	32	18.4	18.4	TON
6/16/2021	134856WI	0	396445	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	108	20.19	20.19	TON
6/16/2021	134856WI	0	396447	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie		35	18.3	18.3	TON
6/16/2021	134856WI	0	396449	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	117	19.31	19.31	TON
6/16/2021	134856WI	0	396450	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie		32	18.38	18.38	TON
6/16/2021	134856WI	0	396463	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	117	19.2	19.2	TON
6/16/2021	134856WI	0	396464	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	DUMP	35	20.12	20.12	TON
6/16/2021	134856WI	0	396466	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	108	20.9	20.9	TON
6/16/2021	134856WI	0	396467	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	DUMP	32	19.78	19.78	TON
6/17/2021	134856WI	0	396470	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie		35	18.65	18.65	TON
6/17/2021	134856WI	0	396471	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	A1 EXPRESS TRUCKING LLC	108	18.42	18.42	TON
6/17/2021	134856WI	0	396473	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie		32	17.63	17.63	TON
7/6/2021	134856WI	0	397588	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	DUMP	35	19.01	19.01	TON
7/6/2021	134856WI	0	397592	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	Dump	6	20.16	20.16	TON
7/7/2021	134856WI	0	397604	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	DUMP	32	17.46	17.46	TON
7/7/2021	134856WI	0	397607	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	DUMP	35	17.17	17.17	TON
7/7/2021	134856WI	0	397603	Unspecified Contaminated Soil, PMT Sp. W.	WI Madison Prairie	DUMP	23	14.59	14.59	TON
Total								556.04		TON

Appendix E: Laboratory Analytical Reports

June 03, 2021

DAN HAAK
TRC - MADISON
708 HEARTLAND TRAIL
Madison, WI 53717

RE: Project: 421202 USH 51 PORTAGE
Pace Project No.: 40227646

Dear DAN HAAK:

Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer
tod.noltemeyer@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Peggy Popp, TRC - Madison
Andrew Stehn, TRC Madison



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40227646001	SS A	Solid	05/25/21 11:00	05/27/21 14:10
40227646002	SS B	Solid	05/25/21 14:00	05/27/21 14:10
40227646003	SS C	Solid	05/26/21 09:00	05/27/21 14:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40227646001	SS A	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40227646002	SS B	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40227646003	SS C	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	MMX	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 421202 USH 51 PORTAGE
Pace Project No.: 40227646

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40227646001	SS A					
EPA 8260	Methylene Chloride	95.4	ug/kg	82.5	06/02/21 23:29	
ASTM D2974-87	Percent Moisture	24.5	%	0.10	05/27/21 16:29	
40227646002	SS B					
EPA 8260	Methylene Chloride	88.0	ug/kg	65.1	06/02/21 23:49	
EPA 8260	Tetrachloroethene	91.8	ug/kg	65.1	06/02/21 23:49	
ASTM D2974-87	Percent Moisture	13.1	%	0.10	05/27/21 16:29	
40227646003	SS C					
EPA 8260	Methylene Chloride	102	ug/kg	64.9	06/03/21 00:10	
EPA 8260	Tetrachloroethene	106	ug/kg	64.9	06/03/21 00:10	
ASTM D2974-87	Percent Moisture	12.9	%	0.10	05/27/21 16:29	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

Method: EPA 8260

Description: 8260 MSV Med Level Normal List

Client: TRC - MADISON

Date: June 03, 2021

General Information:

3 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 386936

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

- LCS (Lab ID: 2232303)
- 1,2-Dibromo-3-chloropropane

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 USH 51 PORTAGE
Pace Project No.: 40227646

Sample: **SS A** Lab ID: **40227646001** Collected: 05/25/21 11:00 Received: 05/27/21 14:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<19.8	ug/kg	82.5	19.8	1	06/02/21 08:45	06/02/21 23:29	630-20-6	
1,1,1-Trichloroethane	<21.1	ug/kg	82.5	21.1	1	06/02/21 08:45	06/02/21 23:29	71-55-6	
1,1,2,2-Tetrachloroethane	<29.9	ug/kg	82.5	29.9	1	06/02/21 08:45	06/02/21 23:29	79-34-5	
1,1,2-Trichloroethane	<30.0	ug/kg	82.5	30.0	1	06/02/21 08:45	06/02/21 23:29	79-00-5	
1,1-Dichloroethane	<21.1	ug/kg	82.5	21.1	1	06/02/21 08:45	06/02/21 23:29	75-34-3	
1,1-Dichloroethene	<27.4	ug/kg	82.5	27.4	1	06/02/21 08:45	06/02/21 23:29	75-35-4	
1,1-Dichloropropene	<26.7	ug/kg	82.5	26.7	1	06/02/21 08:45	06/02/21 23:29	563-58-6	
1,2,3-Trichlorobenzene	<91.9	ug/kg	412	91.9	1	06/02/21 08:45	06/02/21 23:29	87-61-6	
1,2,3-Trichloropropane	<40.1	ug/kg	82.5	40.1	1	06/02/21 08:45	06/02/21 23:29	96-18-4	
1,2,4-Trichlorobenzene	<68.0	ug/kg	412	68.0	1	06/02/21 08:45	06/02/21 23:29	120-82-1	
1,2,4-Trimethylbenzene	<24.6	ug/kg	82.5	24.6	1	06/02/21 08:45	06/02/21 23:29	95-63-6	
1,2-Dibromo-3-chloropropane	<64.0	ug/kg	412	64.0	1	06/02/21 08:45	06/02/21 23:29	96-12-8	L1
1,2-Dibromoethane (EDB)	<22.6	ug/kg	82.5	22.6	1	06/02/21 08:45	06/02/21 23:29	106-93-4	
1,2-Dichlorobenzene	<25.6	ug/kg	82.5	25.6	1	06/02/21 08:45	06/02/21 23:29	95-50-1	
1,2-Dichloroethane	<19.0	ug/kg	82.5	19.0	1	06/02/21 08:45	06/02/21 23:29	107-06-2	
1,2-Dichloropropane	<19.6	ug/kg	82.5	19.6	1	06/02/21 08:45	06/02/21 23:29	78-87-5	
1,3,5-Trimethylbenzene	<26.6	ug/kg	82.5	26.6	1	06/02/21 08:45	06/02/21 23:29	108-67-8	
1,3-Dichlorobenzene	<22.6	ug/kg	82.5	22.6	1	06/02/21 08:45	06/02/21 23:29	541-73-1	
1,3-Dichloropropane	<18.0	ug/kg	82.5	18.0	1	06/02/21 08:45	06/02/21 23:29	142-28-9	
1,4-Dichlorobenzene	<22.6	ug/kg	82.5	22.6	1	06/02/21 08:45	06/02/21 23:29	106-46-7	
2,2-Dichloropropane	<22.3	ug/kg	82.5	22.3	1	06/02/21 08:45	06/02/21 23:29	594-20-7	
2-Chlorotoluene	<26.7	ug/kg	82.5	26.7	1	06/02/21 08:45	06/02/21 23:29	95-49-8	
4-Chlorotoluene	<31.3	ug/kg	82.5	31.3	1	06/02/21 08:45	06/02/21 23:29	106-43-4	
Benzene	<19.6	ug/kg	33.0	19.6	1	06/02/21 08:45	06/02/21 23:29	71-43-2	
Bromobenzene	<32.2	ug/kg	82.5	32.2	1	06/02/21 08:45	06/02/21 23:29	108-86-1	
Bromochloromethane	<22.6	ug/kg	82.5	22.6	1	06/02/21 08:45	06/02/21 23:29	74-97-5	
Bromodichloromethane	<19.6	ug/kg	82.5	19.6	1	06/02/21 08:45	06/02/21 23:29	75-27-4	
Bromoform	<363	ug/kg	412	363	1	06/02/21 08:45	06/02/21 23:29	75-25-2	
Bromomethane	<116	ug/kg	412	116	1	06/02/21 08:45	06/02/21 23:29	74-83-9	
Carbon tetrachloride	<18.1	ug/kg	82.5	18.1	1	06/02/21 08:45	06/02/21 23:29	56-23-5	
Chlorobenzene	<9.9	ug/kg	82.5	9.9	1	06/02/21 08:45	06/02/21 23:29	108-90-7	
Chloroethane	<34.8	ug/kg	412	34.8	1	06/02/21 08:45	06/02/21 23:29	75-00-3	
Chloroform	<59.1	ug/kg	412	59.1	1	06/02/21 08:45	06/02/21 23:29	67-66-3	
Chloromethane	<31.3	ug/kg	82.5	31.3	1	06/02/21 08:45	06/02/21 23:29	74-87-3	
Dibromochloromethane	<282	ug/kg	412	282	1	06/02/21 08:45	06/02/21 23:29	124-48-1	
Dibromomethane	<24.4	ug/kg	82.5	24.4	1	06/02/21 08:45	06/02/21 23:29	74-95-3	
Dichlorodifluoromethane	<35.5	ug/kg	82.5	35.5	1	06/02/21 08:45	06/02/21 23:29	75-71-8	
Diisopropyl ether	<20.5	ug/kg	82.5	20.5	1	06/02/21 08:45	06/02/21 23:29	108-20-3	
Ethylbenzene	<19.6	ug/kg	82.5	19.6	1	06/02/21 08:45	06/02/21 23:29	100-41-4	
Hexachloro-1,3-butadiene	<164	ug/kg	412	164	1	06/02/21 08:45	06/02/21 23:29	87-68-3	
Isopropylbenzene (Cumene)	<22.3	ug/kg	82.5	22.3	1	06/02/21 08:45	06/02/21 23:29	98-82-8	
Methyl-tert-butyl ether	<24.2	ug/kg	82.5	24.2	1	06/02/21 08:45	06/02/21 23:29	1634-04-4	
Methylene Chloride	95.4	ug/kg	82.5	22.9	1	06/02/21 08:45	06/02/21 23:29	75-09-2	
Naphthalene	<25.7	ug/kg	412	25.7	1	06/02/21 08:45	06/02/21 23:29	91-20-3	

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ANALYTICAL RESULTS

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

Sample: SS A **Lab ID: 40227646001** Collected: 05/25/21 11:00 Received: 05/27/21 14:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<21.1	ug/kg	82.5	21.1	1	06/02/21 08:45	06/02/21 23:29	100-42-5	
Tetrachloroethene	<32.0	ug/kg	82.5	32.0	1	06/02/21 08:45	06/02/21 23:29	127-18-4	
Toluene	<20.8	ug/kg	82.5	20.8	1	06/02/21 08:45	06/02/21 23:29	108-88-3	
Trichloroethene	<30.8	ug/kg	82.5	30.8	1	06/02/21 08:45	06/02/21 23:29	79-01-6	
Trichlorofluoromethane	<23.9	ug/kg	82.5	23.9	1	06/02/21 08:45	06/02/21 23:29	75-69-4	
Vinyl chloride	<16.7	ug/kg	82.5	16.7	1	06/02/21 08:45	06/02/21 23:29	75-01-4	
cis-1,2-Dichloroethene	<17.7	ug/kg	82.5	17.7	1	06/02/21 08:45	06/02/21 23:29	156-59-2	
cis-1,3-Dichloropropene	<54.4	ug/kg	412	54.4	1	06/02/21 08:45	06/02/21 23:29	10061-01-5	
m&p-Xylene	<34.8	ug/kg	165	34.8	1	06/02/21 08:45	06/02/21 23:29	179601-23-1	
n-Butylbenzene	<37.8	ug/kg	82.5	37.8	1	06/02/21 08:45	06/02/21 23:29	104-51-8	
n-Propylbenzene	<19.8	ug/kg	82.5	19.8	1	06/02/21 08:45	06/02/21 23:29	103-65-1	
o-Xylene	<24.7	ug/kg	82.5	24.7	1	06/02/21 08:45	06/02/21 23:29	95-47-6	
p-Isopropyltoluene	<25.1	ug/kg	82.5	25.1	1	06/02/21 08:45	06/02/21 23:29	99-87-6	
sec-Butylbenzene	<20.1	ug/kg	82.5	20.1	1	06/02/21 08:45	06/02/21 23:29	135-98-8	
tert-Butylbenzene	<25.9	ug/kg	82.5	25.9	1	06/02/21 08:45	06/02/21 23:29	98-06-6	
trans-1,2-Dichloroethene	<17.8	ug/kg	82.5	17.8	1	06/02/21 08:45	06/02/21 23:29	156-60-5	
trans-1,3-Dichloropropene	<236	ug/kg	412	236	1	06/02/21 08:45	06/02/21 23:29	10061-02-6	
Surrogates									
Toluene-d8 (S)	152	%	67-159		1	06/02/21 08:45	06/02/21 23:29	2037-26-5	
4-Bromofluorobenzene (S)	147	%	66-153		1	06/02/21 08:45	06/02/21 23:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	153	%	82-158		1	06/02/21 08:45	06/02/21 23:29	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	24.5	%	0.10	0.10	1		05/27/21 16:29		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 USH 51 PORTAGE
Pace Project No.: 40227646

Sample: SS B **Lab ID: 40227646002** Collected: 05/25/21 14:00 Received: 05/27/21 14:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<15.6	ug/kg	65.1	15.6	1	06/02/21 08:45	06/02/21 23:49	630-20-6	
1,1,1-Trichloroethane	<16.7	ug/kg	65.1	16.7	1	06/02/21 08:45	06/02/21 23:49	71-55-6	
1,1,2,2-Tetrachloroethane	<23.6	ug/kg	65.1	23.6	1	06/02/21 08:45	06/02/21 23:49	79-34-5	
1,1,2-Trichloroethane	<23.7	ug/kg	65.1	23.7	1	06/02/21 08:45	06/02/21 23:49	79-00-5	
1,1-Dichloroethane	<16.7	ug/kg	65.1	16.7	1	06/02/21 08:45	06/02/21 23:49	75-34-3	
1,1-Dichloroethene	<21.6	ug/kg	65.1	21.6	1	06/02/21 08:45	06/02/21 23:49	75-35-4	
1,1-Dichloropropene	<21.1	ug/kg	65.1	21.1	1	06/02/21 08:45	06/02/21 23:49	563-58-6	
1,2,3-Trichlorobenzene	<72.5	ug/kg	326	72.5	1	06/02/21 08:45	06/02/21 23:49	87-61-6	
1,2,3-Trichloropropane	<31.6	ug/kg	65.1	31.6	1	06/02/21 08:45	06/02/21 23:49	96-18-4	
1,2,4-Trichlorobenzene	<53.7	ug/kg	326	53.7	1	06/02/21 08:45	06/02/21 23:49	120-82-1	
1,2,4-Trimethylbenzene	<19.4	ug/kg	65.1	19.4	1	06/02/21 08:45	06/02/21 23:49	95-63-6	
1,2-Dibromo-3-chloropropane	<50.5	ug/kg	326	50.5	1	06/02/21 08:45	06/02/21 23:49	96-12-8	L1
1,2-Dibromoethane (EDB)	<17.8	ug/kg	65.1	17.8	1	06/02/21 08:45	06/02/21 23:49	106-93-4	
1,2-Dichlorobenzene	<20.2	ug/kg	65.1	20.2	1	06/02/21 08:45	06/02/21 23:49	95-50-1	
1,2-Dichloroethane	<15.0	ug/kg	65.1	15.0	1	06/02/21 08:45	06/02/21 23:49	107-06-2	
1,2-Dichloropropane	<15.5	ug/kg	65.1	15.5	1	06/02/21 08:45	06/02/21 23:49	78-87-5	
1,3,5-Trimethylbenzene	<21.0	ug/kg	65.1	21.0	1	06/02/21 08:45	06/02/21 23:49	108-67-8	
1,3-Dichlorobenzene	<17.8	ug/kg	65.1	17.8	1	06/02/21 08:45	06/02/21 23:49	541-73-1	
1,3-Dichloropropane	<14.2	ug/kg	65.1	14.2	1	06/02/21 08:45	06/02/21 23:49	142-28-9	
1,4-Dichlorobenzene	<17.8	ug/kg	65.1	17.8	1	06/02/21 08:45	06/02/21 23:49	106-46-7	
2,2-Dichloropropane	<17.6	ug/kg	65.1	17.6	1	06/02/21 08:45	06/02/21 23:49	594-20-7	
2-Chlorotoluene	<21.1	ug/kg	65.1	21.1	1	06/02/21 08:45	06/02/21 23:49	95-49-8	
4-Chlorotoluene	<24.7	ug/kg	65.1	24.7	1	06/02/21 08:45	06/02/21 23:49	106-43-4	
Benzene	<15.5	ug/kg	26.0	15.5	1	06/02/21 08:45	06/02/21 23:49	71-43-2	
Bromobenzene	<25.4	ug/kg	65.1	25.4	1	06/02/21 08:45	06/02/21 23:49	108-86-1	
Bromochloromethane	<17.8	ug/kg	65.1	17.8	1	06/02/21 08:45	06/02/21 23:49	74-97-5	
Bromodichloromethane	<15.5	ug/kg	65.1	15.5	1	06/02/21 08:45	06/02/21 23:49	75-27-4	
Bromoform	<287	ug/kg	326	287	1	06/02/21 08:45	06/02/21 23:49	75-25-2	
Bromomethane	<91.3	ug/kg	326	91.3	1	06/02/21 08:45	06/02/21 23:49	74-83-9	
Carbon tetrachloride	<14.3	ug/kg	65.1	14.3	1	06/02/21 08:45	06/02/21 23:49	56-23-5	
Chlorobenzene	<7.8	ug/kg	65.1	7.8	1	06/02/21 08:45	06/02/21 23:49	108-90-7	
Chloroethane	<27.5	ug/kg	326	27.5	1	06/02/21 08:45	06/02/21 23:49	75-00-3	
Chloroform	<46.6	ug/kg	326	46.6	1	06/02/21 08:45	06/02/21 23:49	67-66-3	
Chloromethane	<24.7	ug/kg	65.1	24.7	1	06/02/21 08:45	06/02/21 23:49	74-87-3	
Dibromochloromethane	<223	ug/kg	326	223	1	06/02/21 08:45	06/02/21 23:49	124-48-1	
Dibromomethane	<19.3	ug/kg	65.1	19.3	1	06/02/21 08:45	06/02/21 23:49	74-95-3	
Dichlorodifluoromethane	<28.0	ug/kg	65.1	28.0	1	06/02/21 08:45	06/02/21 23:49	75-71-8	
Diisopropyl ether	<16.1	ug/kg	65.1	16.1	1	06/02/21 08:45	06/02/21 23:49	108-20-3	
Ethylbenzene	<15.5	ug/kg	65.1	15.5	1	06/02/21 08:45	06/02/21 23:49	100-41-4	
Hexachloro-1,3-butadiene	<129	ug/kg	326	129	1	06/02/21 08:45	06/02/21 23:49	87-68-3	
Isopropylbenzene (Cumene)	<17.6	ug/kg	65.1	17.6	1	06/02/21 08:45	06/02/21 23:49	98-82-8	
Methyl-tert-butyl ether	<19.1	ug/kg	65.1	19.1	1	06/02/21 08:45	06/02/21 23:49	1634-04-4	
Methylene Chloride	88.0	ug/kg	65.1	18.1	1	06/02/21 08:45	06/02/21 23:49	75-09-2	
Naphthalene	<20.3	ug/kg	326	20.3	1	06/02/21 08:45	06/02/21 23:49	91-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 USH 51 PORTAGE
Pace Project No.: 40227646

Sample: SS B **Lab ID: 40227646002** Collected: 05/25/21 14:00 Received: 05/27/21 14:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<16.7	ug/kg	65.1	16.7	1	06/02/21 08:45	06/02/21 23:49	100-42-5	
Tetrachloroethene	91.8	ug/kg	65.1	25.3	1	06/02/21 08:45	06/02/21 23:49	127-18-4	
Toluene	<16.4	ug/kg	65.1	16.4	1	06/02/21 08:45	06/02/21 23:49	108-88-3	
Trichloroethene	<24.4	ug/kg	65.1	24.4	1	06/02/21 08:45	06/02/21 23:49	79-01-6	
Trichlorofluoromethane	<18.9	ug/kg	65.1	18.9	1	06/02/21 08:45	06/02/21 23:49	75-69-4	
Vinyl chloride	<13.2	ug/kg	65.1	13.2	1	06/02/21 08:45	06/02/21 23:49	75-01-4	
cis-1,2-Dichloroethene	<13.9	ug/kg	65.1	13.9	1	06/02/21 08:45	06/02/21 23:49	156-59-2	
cis-1,3-Dichloropropene	<43.0	ug/kg	326	43.0	1	06/02/21 08:45	06/02/21 23:49	10061-01-5	
m&p-Xylene	<27.5	ug/kg	130	27.5	1	06/02/21 08:45	06/02/21 23:49	179601-23-1	
n-Butylbenzene	<29.8	ug/kg	65.1	29.8	1	06/02/21 08:45	06/02/21 23:49	104-51-8	
n-Propylbenzene	<15.6	ug/kg	65.1	15.6	1	06/02/21 08:45	06/02/21 23:49	103-65-1	
o-Xylene	<19.5	ug/kg	65.1	19.5	1	06/02/21 08:45	06/02/21 23:49	95-47-6	
p-Isopropyltoluene	<19.8	ug/kg	65.1	19.8	1	06/02/21 08:45	06/02/21 23:49	99-87-6	
sec-Butylbenzene	<15.9	ug/kg	65.1	15.9	1	06/02/21 08:45	06/02/21 23:49	135-98-8	
tert-Butylbenzene	<20.4	ug/kg	65.1	20.4	1	06/02/21 08:45	06/02/21 23:49	98-06-6	
trans-1,2-Dichloroethene	<14.1	ug/kg	65.1	14.1	1	06/02/21 08:45	06/02/21 23:49	156-60-5	
trans-1,3-Dichloropropene	<186	ug/kg	326	186	1	06/02/21 08:45	06/02/21 23:49	10061-02-6	
Surrogates									
Toluene-d8 (S)	130	%	67-159		1	06/02/21 08:45	06/02/21 23:49	2037-26-5	
4-Bromofluorobenzene (S)	121	%	66-153		1	06/02/21 08:45	06/02/21 23:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	133	%	82-158		1	06/02/21 08:45	06/02/21 23:49	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.1	%	0.10	0.10	1		05/27/21 16:29		

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ANALYTICAL RESULTS

Project: 421202 USH 51 PORTAGE
Pace Project No.: 40227646

Sample: SS C **Lab ID: 40227646003** Collected: 05/26/21 09:00 Received: 05/27/21 14:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<15.6	ug/kg	64.9	15.6	1	06/02/21 08:45	06/03/21 00:10	630-20-6	
1,1,1-Trichloroethane	<16.6	ug/kg	64.9	16.6	1	06/02/21 08:45	06/03/21 00:10	71-55-6	
1,1,2,2-Tetrachloroethane	<23.5	ug/kg	64.9	23.5	1	06/02/21 08:45	06/03/21 00:10	79-34-5	
1,1,2-Trichloroethane	<23.6	ug/kg	64.9	23.6	1	06/02/21 08:45	06/03/21 00:10	79-00-5	
1,1-Dichloroethane	<16.6	ug/kg	64.9	16.6	1	06/02/21 08:45	06/03/21 00:10	75-34-3	
1,1-Dichloroethene	<21.5	ug/kg	64.9	21.5	1	06/02/21 08:45	06/03/21 00:10	75-35-4	
1,1-Dichloropropene	<21.0	ug/kg	64.9	21.0	1	06/02/21 08:45	06/03/21 00:10	563-58-6	
1,2,3-Trichlorobenzene	<72.2	ug/kg	324	72.2	1	06/02/21 08:45	06/03/21 00:10	87-61-6	
1,2,3-Trichloropropane	<31.5	ug/kg	64.9	31.5	1	06/02/21 08:45	06/03/21 00:10	96-18-4	
1,2,4-Trichlorobenzene	<53.4	ug/kg	324	53.4	1	06/02/21 08:45	06/03/21 00:10	120-82-1	
1,2,4-Trimethylbenzene	<19.3	ug/kg	64.9	19.3	1	06/02/21 08:45	06/03/21 00:10	95-63-6	
1,2-Dibromo-3-chloropropane	<50.3	ug/kg	324	50.3	1	06/02/21 08:45	06/03/21 00:10	96-12-8	L1
1,2-Dibromoethane (EDB)	<17.8	ug/kg	64.9	17.8	1	06/02/21 08:45	06/03/21 00:10	106-93-4	
1,2-Dichlorobenzene	<20.1	ug/kg	64.9	20.1	1	06/02/21 08:45	06/03/21 00:10	95-50-1	
1,2-Dichloroethane	<14.9	ug/kg	64.9	14.9	1	06/02/21 08:45	06/03/21 00:10	107-06-2	
1,2-Dichloropropane	<15.4	ug/kg	64.9	15.4	1	06/02/21 08:45	06/03/21 00:10	78-87-5	
1,3,5-Trimethylbenzene	<20.9	ug/kg	64.9	20.9	1	06/02/21 08:45	06/03/21 00:10	108-67-8	
1,3-Dichlorobenzene	<17.8	ug/kg	64.9	17.8	1	06/02/21 08:45	06/03/21 00:10	541-73-1	
1,3-Dichloropropane	<14.1	ug/kg	64.9	14.1	1	06/02/21 08:45	06/03/21 00:10	142-28-9	
1,4-Dichlorobenzene	<17.8	ug/kg	64.9	17.8	1	06/02/21 08:45	06/03/21 00:10	106-46-7	
2,2-Dichloropropane	<17.5	ug/kg	64.9	17.5	1	06/02/21 08:45	06/03/21 00:10	594-20-7	
2-Chlorotoluene	<21.0	ug/kg	64.9	21.0	1	06/02/21 08:45	06/03/21 00:10	95-49-8	
4-Chlorotoluene	<24.6	ug/kg	64.9	24.6	1	06/02/21 08:45	06/03/21 00:10	106-43-4	
Benzene	<15.4	ug/kg	25.9	15.4	1	06/02/21 08:45	06/03/21 00:10	71-43-2	
Bromobenzene	<25.3	ug/kg	64.9	25.3	1	06/02/21 08:45	06/03/21 00:10	108-86-1	
Bromochloromethane	<17.8	ug/kg	64.9	17.8	1	06/02/21 08:45	06/03/21 00:10	74-97-5	
Bromodichloromethane	<15.4	ug/kg	64.9	15.4	1	06/02/21 08:45	06/03/21 00:10	75-27-4	
Bromoform	<285	ug/kg	324	285	1	06/02/21 08:45	06/03/21 00:10	75-25-2	
Bromomethane	<90.9	ug/kg	324	90.9	1	06/02/21 08:45	06/03/21 00:10	74-83-9	
Carbon tetrachloride	<14.3	ug/kg	64.9	14.3	1	06/02/21 08:45	06/03/21 00:10	56-23-5	
Chlorobenzene	<7.8	ug/kg	64.9	7.8	1	06/02/21 08:45	06/03/21 00:10	108-90-7	
Chloroethane	<27.4	ug/kg	324	27.4	1	06/02/21 08:45	06/03/21 00:10	75-00-3	
Chloroform	<46.4	ug/kg	324	46.4	1	06/02/21 08:45	06/03/21 00:10	67-66-3	
Chloromethane	<24.6	ug/kg	64.9	24.6	1	06/02/21 08:45	06/03/21 00:10	74-87-3	
Dibromochloromethane	<222	ug/kg	324	222	1	06/02/21 08:45	06/03/21 00:10	124-48-1	
Dibromomethane	<19.2	ug/kg	64.9	19.2	1	06/02/21 08:45	06/03/21 00:10	74-95-3	
Dichlorodifluoromethane	<27.9	ug/kg	64.9	27.9	1	06/02/21 08:45	06/03/21 00:10	75-71-8	
Diisopropyl ether	<16.1	ug/kg	64.9	16.1	1	06/02/21 08:45	06/03/21 00:10	108-20-3	
Ethylbenzene	<15.4	ug/kg	64.9	15.4	1	06/02/21 08:45	06/03/21 00:10	100-41-4	
Hexachloro-1,3-butadiene	<129	ug/kg	324	129	1	06/02/21 08:45	06/03/21 00:10	87-68-3	
Isopropylbenzene (Cumene)	<17.5	ug/kg	64.9	17.5	1	06/02/21 08:45	06/03/21 00:10	98-82-8	
Methyl-tert-butyl ether	<19.1	ug/kg	64.9	19.1	1	06/02/21 08:45	06/03/21 00:10	1634-04-4	
Methylene Chloride	102	ug/kg	64.9	18.0	1	06/02/21 08:45	06/03/21 00:10	75-09-2	
Naphthalene	<20.2	ug/kg	324	20.2	1	06/02/21 08:45	06/03/21 00:10	91-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

Sample: SS C **Lab ID: 40227646003** Collected: 05/26/21 09:00 Received: 05/27/21 14:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<16.6	ug/kg	64.9	16.6	1	06/02/21 08:45	06/03/21 00:10	100-42-5	
Tetrachloroethene	106	ug/kg	64.9	25.2	1	06/02/21 08:45	06/03/21 00:10	127-18-4	
Toluene	<16.3	ug/kg	64.9	16.3	1	06/02/21 08:45	06/03/21 00:10	108-88-3	
Trichloroethene	<24.3	ug/kg	64.9	24.3	1	06/02/21 08:45	06/03/21 00:10	79-01-6	
Trichlorofluoromethane	<18.8	ug/kg	64.9	18.8	1	06/02/21 08:45	06/03/21 00:10	75-69-4	
Vinyl chloride	<13.1	ug/kg	64.9	13.1	1	06/02/21 08:45	06/03/21 00:10	75-01-4	
cis-1,2-Dichloroethene	<13.9	ug/kg	64.9	13.9	1	06/02/21 08:45	06/03/21 00:10	156-59-2	
cis-1,3-Dichloropropene	<42.8	ug/kg	324	42.8	1	06/02/21 08:45	06/03/21 00:10	10061-01-5	
m&p-Xylene	<27.4	ug/kg	130	27.4	1	06/02/21 08:45	06/03/21 00:10	179601-23-1	
n-Butylbenzene	<29.7	ug/kg	64.9	29.7	1	06/02/21 08:45	06/03/21 00:10	104-51-8	
n-Propylbenzene	<15.6	ug/kg	64.9	15.6	1	06/02/21 08:45	06/03/21 00:10	103-65-1	
o-Xylene	<19.5	ug/kg	64.9	19.5	1	06/02/21 08:45	06/03/21 00:10	95-47-6	
p-Isopropyltoluene	<19.7	ug/kg	64.9	19.7	1	06/02/21 08:45	06/03/21 00:10	99-87-6	
sec-Butylbenzene	<15.8	ug/kg	64.9	15.8	1	06/02/21 08:45	06/03/21 00:10	135-98-8	
tert-Butylbenzene	<20.4	ug/kg	64.9	20.4	1	06/02/21 08:45	06/03/21 00:10	98-06-6	
trans-1,2-Dichloroethene	<14.0	ug/kg	64.9	14.0	1	06/02/21 08:45	06/03/21 00:10	156-60-5	
trans-1,3-Dichloropropene	<185	ug/kg	324	185	1	06/02/21 08:45	06/03/21 00:10	10061-02-6	
Surrogates									
Toluene-d8 (S)	125	%	67-159		1	06/02/21 08:45	06/03/21 00:10	2037-26-5	
4-Bromofluorobenzene (S)	117	%	66-153		1	06/02/21 08:45	06/03/21 00:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	128	%	82-158		1	06/02/21 08:45	06/03/21 00:10	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.9	%	0.10	0.10	1		05/27/21 16:29		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 421202 USH 51 PORTAGE
Pace Project No.: 40227646

QC Batch: 386936 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40227646001, 40227646002, 40227646003

METHOD BLANK: 2232302 Matrix: Solid
Associated Lab Samples: 40227646001, 40227646002, 40227646003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	06/02/21 12:05	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	06/02/21 12:05	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	06/02/21 12:05	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	06/02/21 12:05	
1,1-Dichloroethane	ug/kg	<12.8	50.0	06/02/21 12:05	
1,1-Dichloroethene	ug/kg	<16.6	50.0	06/02/21 12:05	
1,1-Dichloropropene	ug/kg	<16.2	50.0	06/02/21 12:05	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	06/02/21 12:05	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	06/02/21 12:05	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	06/02/21 12:05	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	06/02/21 12:05	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	06/02/21 12:05	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	06/02/21 12:05	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	06/02/21 12:05	
1,2-Dichloroethane	ug/kg	<11.5	50.0	06/02/21 12:05	
1,2-Dichloropropane	ug/kg	<11.9	50.0	06/02/21 12:05	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	06/02/21 12:05	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	06/02/21 12:05	
1,3-Dichloropropane	ug/kg	<10.9	50.0	06/02/21 12:05	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	06/02/21 12:05	
2,2-Dichloropropane	ug/kg	<13.5	50.0	06/02/21 12:05	
2-Chlorotoluene	ug/kg	<16.2	50.0	06/02/21 12:05	
4-Chlorotoluene	ug/kg	<19.0	50.0	06/02/21 12:05	
Benzene	ug/kg	<11.9	20.0	06/02/21 12:05	
Bromobenzene	ug/kg	<19.5	50.0	06/02/21 12:05	
Bromochloromethane	ug/kg	<13.7	50.0	06/02/21 12:05	
Bromodichloromethane	ug/kg	<11.9	50.0	06/02/21 12:05	
Bromoform	ug/kg	<220	250	06/02/21 12:05	
Bromomethane	ug/kg	<70.1	250	06/02/21 12:05	
Carbon tetrachloride	ug/kg	<11.0	50.0	06/02/21 12:05	
Chlorobenzene	ug/kg	<6.0	50.0	06/02/21 12:05	
Chloroethane	ug/kg	<21.1	250	06/02/21 12:05	
Chloroform	ug/kg	<35.8	250	06/02/21 12:05	
Chloromethane	ug/kg	<19.0	50.0	06/02/21 12:05	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	06/02/21 12:05	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	06/02/21 12:05	
Dibromochloromethane	ug/kg	<171	250	06/02/21 12:05	
Dibromomethane	ug/kg	<14.8	50.0	06/02/21 12:05	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	06/02/21 12:05	
Diisopropyl ether	ug/kg	<12.4	50.0	06/02/21 12:05	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

METHOD BLANK: 2232302

Matrix: Solid

Associated Lab Samples: 40227646001, 40227646002, 40227646003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	06/02/21 12:05	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	06/02/21 12:05	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	06/02/21 12:05	
m&p-Xylene	ug/kg	<21.1	100	06/02/21 12:05	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	06/02/21 12:05	
Methylene Chloride	ug/kg	<13.9	50.0	06/02/21 12:05	
n-Butylbenzene	ug/kg	<22.9	50.0	06/02/21 12:05	
n-Propylbenzene	ug/kg	<12.0	50.0	06/02/21 12:05	
Naphthalene	ug/kg	<15.6	250	06/02/21 12:05	
o-Xylene	ug/kg	<15.0	50.0	06/02/21 12:05	
p-Isopropyltoluene	ug/kg	<15.2	50.0	06/02/21 12:05	
sec-Butylbenzene	ug/kg	<12.2	50.0	06/02/21 12:05	
Styrene	ug/kg	<12.8	50.0	06/02/21 12:05	
tert-Butylbenzene	ug/kg	<15.7	50.0	06/02/21 12:05	
Tetrachloroethene	ug/kg	<19.4	50.0	06/02/21 12:05	
Toluene	ug/kg	<12.6	50.0	06/02/21 12:05	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	06/02/21 12:05	
trans-1,3-Dichloropropene	ug/kg	<143	250	06/02/21 12:05	
Trichloroethene	ug/kg	<18.7	50.0	06/02/21 12:05	
Trichlorofluoromethane	ug/kg	<14.5	50.0	06/02/21 12:05	
Vinyl chloride	ug/kg	<10.1	50.0	06/02/21 12:05	
1,2-Dichlorobenzene-d4 (S)	%	93	82-158	06/02/21 12:05	
4-Bromofluorobenzene (S)	%	88	66-153	06/02/21 12:05	
Toluene-d8 (S)	%	95	67-159	06/02/21 12:05	

LABORATORY CONTROL SAMPLE: 2232303

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2350	94	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2710	108	65-129	
1,1,2-Trichloroethane	ug/kg	2500	2600	104	70-130	
1,1-Dichloroethane	ug/kg	2500	2690	107	70-130	
1,1-Dichloroethene	ug/kg	2500	2240	90	67-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2430	97	64-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	3060	122	57-119	L1
1,2-Dibromoethane (EDB)	ug/kg	2500	2760	111	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2700	108	70-130	
1,2-Dichloroethane	ug/kg	2500	2600	104	70-130	
1,2-Dichloropropane	ug/kg	2500	2590	103	72-118	
1,3-Dichlorobenzene	ug/kg	2500	2490	99	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2460	99	70-130	
Benzene	ug/kg	2500	2260	90	70-130	
Bromodichloromethane	ug/kg	2500	2290	92	70-130	
Bromoform	ug/kg	2500	2820	113	66-130	

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QUALITY CONTROL DATA

Project: 421202 USH 51 PORTAGE
Pace Project No.: 40227646

LABORATORY CONTROL SAMPLE: 2232303

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	1510	60	13-153	
Carbon tetrachloride	ug/kg	2500	2430	97	73-134	
Chlorobenzene	ug/kg	2500	2550	102	70-130	
Chloroethane	ug/kg	2500	1700	68	19-170	
Chloroform	ug/kg	2500	2330	93	79-120	
Chloromethane	ug/kg	2500	2340	94	45-117	
cis-1,2-Dichloroethene	ug/kg	2500	2420	97	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2370	95	68-130	
Dibromochloromethane	ug/kg	2500	2720	109	70-130	
Dichlorodifluoromethane	ug/kg	2500	1970	79	15-135	
Ethylbenzene	ug/kg	2500	2350	94	78-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2370	95	70-130	
m&p-Xylene	ug/kg	5000	4690	94	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2500	100	65-130	
Methylene Chloride	ug/kg	2500	2320	93	70-130	
o-Xylene	ug/kg	2500	2440	97	70-130	
Styrene	ug/kg	2500	2490	100	70-130	
Tetrachloroethene	ug/kg	2500	2260	90	70-130	
Toluene	ug/kg	2500	2490	100	76-120	
trans-1,2-Dichloroethene	ug/kg	2500	2450	98	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2520	101	70-130	
Trichloroethene	ug/kg	2500	2240	90	70-130	
Trichlorofluoromethane	ug/kg	2500	1980	79	49-153	
Vinyl chloride	ug/kg	2500	2030	81	58-121	
1,2-Dichlorobenzene-d4 (S)	%			103	82-158	
4-Bromofluorobenzene (S)	%			97	66-153	
Toluene-d8 (S)	%			108	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2232304 2232305

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40227387022 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/kg	<0.017 mg/kg	1360	1360	1250	1300	92	96	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	<0.025 mg/kg	1360	1360	1660	1650	122	121	65-129	1	20	
1,1,2-Trichloroethane	ug/kg	<0.025 mg/kg	1360	1360	1540	1470	113	108	70-130	5	20	
1,1-Dichloroethane	ug/kg	<0.017 mg/kg	1360	1360	1460	1470	107	108	70-130	1	20	
1,1-Dichloroethene	ug/kg	<0.023 mg/kg	1360	1360	1290	1180	95	87	64-120	9	20	
1,2,4-Trichlorobenzene	ug/kg	<0.056 mg/kg	1360	1360	1650	1640	122	121	64-130	1	20	
1,2-Dibromo-3-chloropropane	ug/kg	<0.053 mg/kg	1360	1360	1580	1700	116	125	57-130	7	21	

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QUALITY CONTROL DATA

Project: 421202 USH 51 PORTAGE
Pace Project No.: 40227646

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2232304		2232305		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40227387022 Result	MS Spike Conc.	MSD Spike Conc.									
1,2-Dibromoethane (EDB)	ug/kg	<0.019 mg/kg	1360	1360	1590	1600	117	118	70-130	1	20		
1,2-Dichlorobenzene	ug/kg	<0.021 mg/kg	1360	1360	1620	1580	119	116	70-130	2	20		
1,2-Dichloroethane	ug/kg	<0.016 mg/kg	1360	1360	1410	1390	104	102	70-130	2	20		
1,2-Dichloropropane	ug/kg	<0.016 mg/kg	1360	1360	1400	1400	103	103	72-122	0	20		
1,3-Dichlorobenzene	ug/kg	<0.019 mg/kg	1360	1360	1540	1530	113	113	70-130	0	20		
1,4-Dichlorobenzene	ug/kg	<0.019 mg/kg	1360	1360	1510	1460	111	107	70-130	4	20		
Benzene	ug/kg	<0.016 mg/kg	1360	1360	1250	1280	92	94	70-130	2	20		
Bromodichloromethane	ug/kg	<0.016 mg/kg	1360	1360	1250	1280	92	94	70-130	3	20		
Bromoform	ug/kg	<0.30 mg/kg	1360	1360	1580	1540	116	113	66-130	3	20		
Bromomethane	ug/kg	<0.095 mg/kg	1360	1360	1100	1050	81	78	13-153	4	20		
Carbon tetrachloride	ug/kg	<0.015 mg/kg	1360	1360	1240	1240	92	92	67-134	0	20		
Chlorobenzene	ug/kg	<0.0081 mg/kg	1360	1360	1520	1410	111	104	70-130	7	20		
Chloroethane	ug/kg	<0.029 mg/kg	1360	1360	1110	1090	82	80	11-195	2	20		
Chloroform	ug/kg	<0.049 mg/kg	1360	1360	1300	1320	95	97	79-120	2	20		
Chloromethane	ug/kg	<0.026 mg/kg	1360	1360	1680	1740	123	128	30-136	4	20		
cis-1,2-Dichloroethene	ug/kg	<0.015 mg/kg	1360	1360	1360	1330	100	98	70-130	2	20		
cis-1,3-Dichloropropene	ug/kg	<0.045 mg/kg	1360	1360	1280	1240	94	91	68-130	3	20		
Dibromochloromethane	ug/kg	<0.23 mg/kg	1360	1360	1520	1430	112	105	70-130	6	20		
Dichlorodifluoromethane	ug/kg	<0.029 mg/kg	1360	1360	1630	1710	120	126	10-158	5	25		
Ethylbenzene	ug/kg	<0.016 mg/kg	1360	1360	1310	1280	97	94	78-120	2	20		
Isopropylbenzene (Cumene)	ug/kg	<0.018 mg/kg	1360	1360	1400	1330	103	98	70-130	5	20		
m&p-Xylene	ug/kg	<0.029 mg/kg	2710	2710	2730	2660	101	98	70-130	3	20		
Methyl-tert-butyl ether	ug/kg	<0.020 mg/kg	1360	1360	1390	1330	102	98	65-130	4	20		
Methylene Chloride	ug/kg	0.033J mg/kg	1360	1360	1350	1350	97	97	70-130	0	20		
o-Xylene	ug/kg	<0.020 mg/kg	1360	1360	1440	1320	106	97	70-130	9	20		
Styrene	ug/kg	<0.017 mg/kg	1360	1360	1430	1410	105	104	70-130	2	20		
Tetrachloroethene	ug/kg	<0.026 mg/kg	1360	1360	1310	1250	97	92	70-130	5	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

Parameter	Units	40227387022		2232304		2232305		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Toluene	ug/kg	<0.017 mg/kg	1360	1360	1420	1380	104	102	76-120	3	20			
trans-1,2-Dichloroethene	ug/kg	<0.015 mg/kg	1360	1360	1360	1450	100	107	70-130	6	20			
trans-1,3-Dichloropropene	ug/kg	<0.19 mg/kg	1360	1360	1480	1430	109	105	70-130	4	20			
Trichloroethene	ug/kg	<0.025 mg/kg	1360	1360	1220	1280	90	94	70-130	5	20			
Trichlorofluoromethane	ug/kg	<0.020 mg/kg	1360	1360	1340	1150	99	85	42-159	15	21			
Vinyl chloride	ug/kg	<0.014 mg/kg	1360	1360	1420	1400	104	103	43-137	1	20			
1,2-Dichlorobenzene-d4 (S)	%						117	116	82-158					
4-Bromofluorobenzene (S)	%						110	110	66-153					
Toluene-d8 (S)	%						121	118	67-159					

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QUALITY CONTROL DATA

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

QC Batch: 386602

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40227646001, 40227646002, 40227646003

SAMPLE DUPLICATE: 2230778

Parameter	Units	40227646003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.9	13.5	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 421202 USH 51 PORTAGE

Pace Project No.: 40227646

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40227646001	SS A	EPA 5035/5030B	386936	EPA 8260	386939
40227646002	SS B	EPA 5035/5030B	386936	EPA 8260	386939
40227646003	SS C	EPA 5035/5030B	386936	EPA 8260	386939
40227646001	SS A	ASTM D2974-87	386602		
40227646002	SS B	ASTM D2974-87	386602		
40227646003	SS C	ASTM D2974-87	386602		

REPORT OF LABORATORY ANALYSIS

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Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: TRC

Project # 40227646

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:


Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)								
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN						
001																																							2.5 / 5 / 10
002																																							2.5 / 5 / 10
003																																							2.5 / 5 / 10
004																																							2.5 / 5 / 10
005																																							2.5 / 5 / 10
006																																							2.5 / 5 / 10
007																																							2.5 / 5 / 10
008																																							2.5 / 5 / 10
009																																							2.5 / 5 / 10
010																																							2.5 / 5 / 10
011																																							2.5 / 5 / 10
012																																							2.5 / 5 / 10
013																																							2.5 / 5 / 10
014																																							2.5 / 5 / 10
015																																							2.5 / 5 / 10
016																																							2.5 / 5 / 10
017																																							2.5 / 5 / 10
018																																							2.5 / 5 / 10
019																																							2.5 / 5 / 10
020																																							2.5 / 5 / 10

5/27/21
ALS

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: TRC

WO# : 40227646

Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____



Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SR-107 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3 / JCorr: 3

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 5/27/21 Initials: AW
 Labeled By Initials: SRK

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no inv. phone 5/27/21 AW</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>6/27/21 SRK</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
- Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
- Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>no times or dates 5/27/21 AW</u>
- Includes date/time/ID/Analysis Matrix: <u>3</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

July 01, 2021

DAN HAAK
TRC - MADISON
708 HEARTLAND TRAIL
Madison, WI 53717

RE: Project: 421202 WISDOT-USH 51,PORTAGE
Pace Project No.: 40229173

Dear DAN HAAK:

Enclosed are the analytical results for sample(s) received by the laboratory on June 29, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer
tod.noltemeyer@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Tom Perkins, TRC Madison
Peggy Popp, TRC - Madison



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40229173001	SAMPLE-1	Solid	06/25/21 08:05	06/29/21 10:05
40229173002	SAMPLE-2	Solid	06/25/21 08:07	06/29/21 10:05
40229173003	SAMPLE-3	Solid	06/25/21 08:10	06/29/21 10:05
40229173004	SAMPLE-4	Solid	06/25/21 08:12	06/29/21 10:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40229173001	SAMPLE-1	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229173002	SAMPLE-2	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229173003	SAMPLE-3	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40229173004	SAMPLE-4	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40229173001	SAMPLE-1					
EPA 8260	Tetrachloroethene	291	ug/kg	70.5	06/30/21 16:18	
ASTM D2974-87	Percent Moisture	17.0	%	0.10	06/29/21 12:23	
40229173002	SAMPLE-2					
EPA 8260	Tetrachloroethene	104	ug/kg	73.8	06/30/21 16:37	
ASTM D2974-87	Percent Moisture	19.2	%	0.10	06/29/21 12:23	
40229173003	SAMPLE-3					
EPA 8260	Tetrachloroethene	39.0J	ug/kg	59.2	06/30/21 16:56	
ASTM D2974-87	Percent Moisture	8.4	%	0.10	06/29/21 12:24	
40229173004	SAMPLE-4					
ASTM D2974-87	Percent Moisture	17.2	%	0.10	06/29/21 12:24	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 421202 WISDOT-USH 51,PORTAGE
Pace Project No.: 40229173

Method: EPA 8260
Description: 8260 MSV Med Level Normal List
Client: TRC - MADISON
Date: July 01, 2021

General Information:

4 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 389418

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40229176003

R1: RPD value was outside control limits.

- MSD (Lab ID: 2245866)
 - 1,2-Dibromo-3-chloropropane
 - Dichlorodifluoromethane

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 WISDOT-USH 51,PORTAGE
Pace Project No.: 40229173

Sample: **SAMPLE-1** Lab ID: **40229173001** Collected: 06/25/21 08:05 Received: 06/29/21 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<16.9	ug/kg	70.5	16.9	1	06/30/21 08:30	06/30/21 16:18	630-20-6	
1,1,1-Trichloroethane	<18.0	ug/kg	70.5	18.0	1	06/30/21 08:30	06/30/21 16:18	71-55-6	
1,1,2,2-Tetrachloroethane	<25.5	ug/kg	70.5	25.5	1	06/30/21 08:30	06/30/21 16:18	79-34-5	
1,1,2-Trichloroethane	<25.7	ug/kg	70.5	25.7	1	06/30/21 08:30	06/30/21 16:18	79-00-5	
1,1-Dichloroethane	<18.0	ug/kg	70.5	18.0	1	06/30/21 08:30	06/30/21 16:18	75-34-3	
1,1-Dichloroethene	<23.4	ug/kg	70.5	23.4	1	06/30/21 08:30	06/30/21 16:18	75-35-4	
1,1-Dichloropropene	<22.8	ug/kg	70.5	22.8	1	06/30/21 08:30	06/30/21 16:18	563-58-6	
1,2,3-Trichlorobenzene	<78.5	ug/kg	352	78.5	1	06/30/21 08:30	06/30/21 16:18	87-61-6	
1,2,3-Trichloropropane	<34.3	ug/kg	70.5	34.3	1	06/30/21 08:30	06/30/21 16:18	96-18-4	
1,2,4-Trichlorobenzene	<58.1	ug/kg	352	58.1	1	06/30/21 08:30	06/30/21 16:18	120-82-1	
1,2,4-Trimethylbenzene	<21.0	ug/kg	70.5	21.0	1	06/30/21 08:30	06/30/21 16:18	95-63-6	
1,2-Dibromo-3-chloropropane	<54.7	ug/kg	352	54.7	1	06/30/21 08:30	06/30/21 16:18	96-12-8	
1,2-Dibromoethane (EDB)	<19.3	ug/kg	70.5	19.3	1	06/30/21 08:30	06/30/21 16:18	106-93-4	
1,2-Dichlorobenzene	<21.9	ug/kg	70.5	21.9	1	06/30/21 08:30	06/30/21 16:18	95-50-1	
1,2-Dichloroethane	<16.2	ug/kg	70.5	16.2	1	06/30/21 08:30	06/30/21 16:18	107-06-2	
1,2-Dichloropropane	<16.8	ug/kg	70.5	16.8	1	06/30/21 08:30	06/30/21 16:18	78-87-5	
1,3,5-Trimethylbenzene	<22.7	ug/kg	70.5	22.7	1	06/30/21 08:30	06/30/21 16:18	108-67-8	
1,3-Dichlorobenzene	<19.3	ug/kg	70.5	19.3	1	06/30/21 08:30	06/30/21 16:18	541-73-1	
1,3-Dichloropropane	<15.4	ug/kg	70.5	15.4	1	06/30/21 08:30	06/30/21 16:18	142-28-9	
1,4-Dichlorobenzene	<19.3	ug/kg	70.5	19.3	1	06/30/21 08:30	06/30/21 16:18	106-46-7	
2,2-Dichloropropane	<19.0	ug/kg	70.5	19.0	1	06/30/21 08:30	06/30/21 16:18	594-20-7	
2-Chlorotoluene	<22.8	ug/kg	70.5	22.8	1	06/30/21 08:30	06/30/21 16:18	95-49-8	
4-Chlorotoluene	<26.8	ug/kg	70.5	26.8	1	06/30/21 08:30	06/30/21 16:18	106-43-4	
Benzene	<16.8	ug/kg	28.2	16.8	1	06/30/21 08:30	06/30/21 16:18	71-43-2	
Bromobenzene	<27.5	ug/kg	70.5	27.5	1	06/30/21 08:30	06/30/21 16:18	108-86-1	
Bromochloromethane	<19.3	ug/kg	70.5	19.3	1	06/30/21 08:30	06/30/21 16:18	74-97-5	
Bromodichloromethane	<16.8	ug/kg	70.5	16.8	1	06/30/21 08:30	06/30/21 16:18	75-27-4	
Bromoform	<310	ug/kg	352	310	1	06/30/21 08:30	06/30/21 16:18	75-25-2	
Bromomethane	<98.8	ug/kg	352	98.8	1	06/30/21 08:30	06/30/21 16:18	74-83-9	
Carbon tetrachloride	<15.5	ug/kg	70.5	15.5	1	06/30/21 08:30	06/30/21 16:18	56-23-5	
Chlorobenzene	<8.4	ug/kg	70.5	8.4	1	06/30/21 08:30	06/30/21 16:18	108-90-7	
Chloroethane	<29.7	ug/kg	352	29.7	1	06/30/21 08:30	06/30/21 16:18	75-00-3	
Chloroform	<50.5	ug/kg	352	50.5	1	06/30/21 08:30	06/30/21 16:18	67-66-3	
Chloromethane	<26.8	ug/kg	70.5	26.8	1	06/30/21 08:30	06/30/21 16:18	74-87-3	
Dibromochloromethane	<241	ug/kg	352	241	1	06/30/21 08:30	06/30/21 16:18	124-48-1	
Dibromomethane	<20.9	ug/kg	70.5	20.9	1	06/30/21 08:30	06/30/21 16:18	74-95-3	
Dichlorodifluoromethane	<30.3	ug/kg	70.5	30.3	1	06/30/21 08:30	06/30/21 16:18	75-71-8	
Diisopropyl ether	<17.5	ug/kg	70.5	17.5	1	06/30/21 08:30	06/30/21 16:18	108-20-3	
Ethylbenzene	<16.8	ug/kg	70.5	16.8	1	06/30/21 08:30	06/30/21 16:18	100-41-4	
Hexachloro-1,3-butadiene	<140	ug/kg	352	140	1	06/30/21 08:30	06/30/21 16:18	87-68-3	
Isopropylbenzene (Cumene)	<19.0	ug/kg	70.5	19.0	1	06/30/21 08:30	06/30/21 16:18	98-82-8	
Methyl-tert-butyl ether	<20.7	ug/kg	70.5	20.7	1	06/30/21 08:30	06/30/21 16:18	1634-04-4	
Methylene Chloride	<19.6	ug/kg	70.5	19.6	1	06/30/21 08:30	06/30/21 16:18	75-09-2	
Naphthalene	<22.0	ug/kg	352	22.0	1	06/30/21 08:30	06/30/21 16:18	91-20-3	

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ANALYTICAL RESULTS

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

Sample: SAMPLE-1 **Lab ID: 40229173001** Collected: 06/25/21 08:05 Received: 06/29/21 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<18.0	ug/kg	70.5	18.0	1	06/30/21 08:30	06/30/21 16:18	100-42-5	
Tetrachloroethene	291	ug/kg	70.5	27.4	1	06/30/21 08:30	06/30/21 16:18	127-18-4	
Toluene	<17.8	ug/kg	70.5	17.8	1	06/30/21 08:30	06/30/21 16:18	108-88-3	
Trichloroethene	<26.4	ug/kg	70.5	26.4	1	06/30/21 08:30	06/30/21 16:18	79-01-6	
Trichlorofluoromethane	<20.4	ug/kg	70.5	20.4	1	06/30/21 08:30	06/30/21 16:18	75-69-4	
Vinyl chloride	<14.2	ug/kg	70.5	14.2	1	06/30/21 08:30	06/30/21 16:18	75-01-4	
cis-1,2-Dichloroethene	<15.1	ug/kg	70.5	15.1	1	06/30/21 08:30	06/30/21 16:18	156-59-2	
cis-1,3-Dichloropropene	<46.5	ug/kg	352	46.5	1	06/30/21 08:30	06/30/21 16:18	10061-01-5	
m&p-Xylene	<29.7	ug/kg	141	29.7	1	06/30/21 08:30	06/30/21 16:18	179601-23-1	
n-Butylbenzene	<32.3	ug/kg	70.5	32.3	1	06/30/21 08:30	06/30/21 16:18	104-51-8	
n-Propylbenzene	<16.9	ug/kg	70.5	16.9	1	06/30/21 08:30	06/30/21 16:18	103-65-1	
o-Xylene	<21.1	ug/kg	70.5	21.1	1	06/30/21 08:30	06/30/21 16:18	95-47-6	
p-Isopropyltoluene	<21.4	ug/kg	70.5	21.4	1	06/30/21 08:30	06/30/21 16:18	99-87-6	
sec-Butylbenzene	<17.2	ug/kg	70.5	17.2	1	06/30/21 08:30	06/30/21 16:18	135-98-8	
tert-Butylbenzene	<22.1	ug/kg	70.5	22.1	1	06/30/21 08:30	06/30/21 16:18	98-06-6	
trans-1,2-Dichloroethene	<15.2	ug/kg	70.5	15.2	1	06/30/21 08:30	06/30/21 16:18	156-60-5	
trans-1,3-Dichloropropene	<202	ug/kg	352	202	1	06/30/21 08:30	06/30/21 16:18	10061-02-6	
Surrogates									
Toluene-d8 (S)	126	%	67-159		1	06/30/21 08:30	06/30/21 16:18	2037-26-5	
4-Bromofluorobenzene (S)	145	%	66-153		1	06/30/21 08:30	06/30/21 16:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	127	%	82-158		1	06/30/21 08:30	06/30/21 16:18	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.0	%	0.10	0.10	1		06/29/21 12:23		

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ANALYTICAL RESULTS

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

Sample: SAMPLE-2 **Lab ID: 40229173002** Collected: 06/25/21 08:07 Received: 06/29/21 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<17.7	ug/kg	73.8	17.7	1	06/30/21 08:30	06/30/21 16:37	630-20-6	
1,1,1-Trichloroethane	<18.9	ug/kg	73.8	18.9	1	06/30/21 08:30	06/30/21 16:37	71-55-6	
1,1,2,2-Tetrachloroethane	<26.7	ug/kg	73.8	26.7	1	06/30/21 08:30	06/30/21 16:37	79-34-5	
1,1,2-Trichloroethane	<26.9	ug/kg	73.8	26.9	1	06/30/21 08:30	06/30/21 16:37	79-00-5	
1,1-Dichloroethane	<18.9	ug/kg	73.8	18.9	1	06/30/21 08:30	06/30/21 16:37	75-34-3	
1,1-Dichloroethene	<24.5	ug/kg	73.8	24.5	1	06/30/21 08:30	06/30/21 16:37	75-35-4	
1,1-Dichloropropene	<23.9	ug/kg	73.8	23.9	1	06/30/21 08:30	06/30/21 16:37	563-58-6	
1,2,3-Trichlorobenzene	<82.2	ug/kg	369	82.2	1	06/30/21 08:30	06/30/21 16:37	87-61-6	
1,2,3-Trichloropropane	<35.9	ug/kg	73.8	35.9	1	06/30/21 08:30	06/30/21 16:37	96-18-4	
1,2,4-Trichlorobenzene	<60.8	ug/kg	369	60.8	1	06/30/21 08:30	06/30/21 16:37	120-82-1	
1,2,4-Trimethylbenzene	<22.0	ug/kg	73.8	22.0	1	06/30/21 08:30	06/30/21 16:37	95-63-6	
1,2-Dibromo-3-chloropropane	<57.3	ug/kg	369	57.3	1	06/30/21 08:30	06/30/21 16:37	96-12-8	
1,2-Dibromoethane (EDB)	<20.2	ug/kg	73.8	20.2	1	06/30/21 08:30	06/30/21 16:37	106-93-4	
1,2-Dichlorobenzene	<22.9	ug/kg	73.8	22.9	1	06/30/21 08:30	06/30/21 16:37	95-50-1	
1,2-Dichloroethane	<17.0	ug/kg	73.8	17.0	1	06/30/21 08:30	06/30/21 16:37	107-06-2	
1,2-Dichloropropane	<17.6	ug/kg	73.8	17.6	1	06/30/21 08:30	06/30/21 16:37	78-87-5	
1,3,5-Trimethylbenzene	<23.8	ug/kg	73.8	23.8	1	06/30/21 08:30	06/30/21 16:37	108-67-8	
1,3-Dichlorobenzene	<20.2	ug/kg	73.8	20.2	1	06/30/21 08:30	06/30/21 16:37	541-73-1	
1,3-Dichloropropane	<16.1	ug/kg	73.8	16.1	1	06/30/21 08:30	06/30/21 16:37	142-28-9	
1,4-Dichlorobenzene	<20.2	ug/kg	73.8	20.2	1	06/30/21 08:30	06/30/21 16:37	106-46-7	
2,2-Dichloropropane	<19.9	ug/kg	73.8	19.9	1	06/30/21 08:30	06/30/21 16:37	594-20-7	
2-Chlorotoluene	<23.9	ug/kg	73.8	23.9	1	06/30/21 08:30	06/30/21 16:37	95-49-8	
4-Chlorotoluene	<28.0	ug/kg	73.8	28.0	1	06/30/21 08:30	06/30/21 16:37	106-43-4	
Benzene	<17.6	ug/kg	29.5	17.6	1	06/30/21 08:30	06/30/21 16:37	71-43-2	
Bromobenzene	<28.8	ug/kg	73.8	28.8	1	06/30/21 08:30	06/30/21 16:37	108-86-1	
Bromochloromethane	<20.2	ug/kg	73.8	20.2	1	06/30/21 08:30	06/30/21 16:37	74-97-5	
Bromodichloromethane	<17.6	ug/kg	73.8	17.6	1	06/30/21 08:30	06/30/21 16:37	75-27-4	
Bromoform	<325	ug/kg	369	325	1	06/30/21 08:30	06/30/21 16:37	75-25-2	
Bromomethane	<103	ug/kg	369	103	1	06/30/21 08:30	06/30/21 16:37	74-83-9	
Carbon tetrachloride	<16.2	ug/kg	73.8	16.2	1	06/30/21 08:30	06/30/21 16:37	56-23-5	
Chlorobenzene	<8.8	ug/kg	73.8	8.8	1	06/30/21 08:30	06/30/21 16:37	108-90-7	
Chloroethane	<31.1	ug/kg	369	31.1	1	06/30/21 08:30	06/30/21 16:37	75-00-3	
Chloroform	<52.8	ug/kg	369	52.8	1	06/30/21 08:30	06/30/21 16:37	67-66-3	
Chloromethane	<28.0	ug/kg	73.8	28.0	1	06/30/21 08:30	06/30/21 16:37	74-87-3	
Dibromochloromethane	<252	ug/kg	369	252	1	06/30/21 08:30	06/30/21 16:37	124-48-1	
Dibromomethane	<21.8	ug/kg	73.8	21.8	1	06/30/21 08:30	06/30/21 16:37	74-95-3	
Dichlorodifluoromethane	<31.7	ug/kg	73.8	31.7	1	06/30/21 08:30	06/30/21 16:37	75-71-8	
Diisopropyl ether	<18.3	ug/kg	73.8	18.3	1	06/30/21 08:30	06/30/21 16:37	108-20-3	
Ethylbenzene	<17.6	ug/kg	73.8	17.6	1	06/30/21 08:30	06/30/21 16:37	100-41-4	
Hexachloro-1,3-butadiene	<147	ug/kg	369	147	1	06/30/21 08:30	06/30/21 16:37	87-68-3	
Isopropylbenzene (Cumene)	<19.9	ug/kg	73.8	19.9	1	06/30/21 08:30	06/30/21 16:37	98-82-8	
Methyl-tert-butyl ether	<21.7	ug/kg	73.8	21.7	1	06/30/21 08:30	06/30/21 16:37	1634-04-4	
Methylene Chloride	<20.5	ug/kg	73.8	20.5	1	06/30/21 08:30	06/30/21 16:37	75-09-2	
Naphthalene	<23.0	ug/kg	369	23.0	1	06/30/21 08:30	06/30/21 16:37	91-20-3	

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ANALYTICAL RESULTS

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

Sample: SAMPLE-2 **Lab ID: 40229173002** Collected: 06/25/21 08:07 Received: 06/29/21 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<18.9	ug/kg	73.8	18.9	1	06/30/21 08:30	06/30/21 16:37	100-42-5	
Tetrachloroethene	104	ug/kg	73.8	28.6	1	06/30/21 08:30	06/30/21 16:37	127-18-4	
Toluene	<18.6	ug/kg	73.8	18.6	1	06/30/21 08:30	06/30/21 16:37	108-88-3	
Trichloroethene	<27.6	ug/kg	73.8	27.6	1	06/30/21 08:30	06/30/21 16:37	79-01-6	
Trichlorofluoromethane	<21.4	ug/kg	73.8	21.4	1	06/30/21 08:30	06/30/21 16:37	75-69-4	
Vinyl chloride	<14.9	ug/kg	73.8	14.9	1	06/30/21 08:30	06/30/21 16:37	75-01-4	
cis-1,2-Dichloroethene	<15.8	ug/kg	73.8	15.8	1	06/30/21 08:30	06/30/21 16:37	156-59-2	
cis-1,3-Dichloropropene	<48.7	ug/kg	369	48.7	1	06/30/21 08:30	06/30/21 16:37	10061-01-5	
m&p-Xylene	<31.1	ug/kg	148	31.1	1	06/30/21 08:30	06/30/21 16:37	179601-23-1	
n-Butylbenzene	<33.8	ug/kg	73.8	33.8	1	06/30/21 08:30	06/30/21 16:37	104-51-8	
n-Propylbenzene	<17.7	ug/kg	73.8	17.7	1	06/30/21 08:30	06/30/21 16:37	103-65-1	
o-Xylene	<22.1	ug/kg	73.8	22.1	1	06/30/21 08:30	06/30/21 16:37	95-47-6	
p-Isopropyltoluene	<22.4	ug/kg	73.8	22.4	1	06/30/21 08:30	06/30/21 16:37	99-87-6	
sec-Butylbenzene	<18.0	ug/kg	73.8	18.0	1	06/30/21 08:30	06/30/21 16:37	135-98-8	
tert-Butylbenzene	<23.2	ug/kg	73.8	23.2	1	06/30/21 08:30	06/30/21 16:37	98-06-6	
trans-1,2-Dichloroethene	<15.9	ug/kg	73.8	15.9	1	06/30/21 08:30	06/30/21 16:37	156-60-5	
trans-1,3-Dichloropropene	<211	ug/kg	369	211	1	06/30/21 08:30	06/30/21 16:37	10061-02-6	
Surrogates									
Toluene-d8 (S)	140	%	67-159		1	06/30/21 08:30	06/30/21 16:37	2037-26-5	
4-Bromofluorobenzene (S)	149	%	66-153		1	06/30/21 08:30	06/30/21 16:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	141	%	82-158		1	06/30/21 08:30	06/30/21 16:37	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	19.2	%	0.10	0.10	1		06/29/21 12:23		

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ANALYTICAL RESULTS

Project: 421202 WISDOT-USH 51,PORTAGE
Pace Project No.: 40229173

Sample: SAMPLE-3 **Lab ID: 40229173003** Collected: 06/25/21 08:10 Received: 06/29/21 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<14.2	ug/kg	59.2	14.2	1	06/30/21 08:30	06/30/21 16:56	630-20-6	
1,1,1-Trichloroethane	<15.2	ug/kg	59.2	15.2	1	06/30/21 08:30	06/30/21 16:56	71-55-6	
1,1,2,2-Tetrachloroethane	<21.4	ug/kg	59.2	21.4	1	06/30/21 08:30	06/30/21 16:56	79-34-5	
1,1,2-Trichloroethane	<21.6	ug/kg	59.2	21.6	1	06/30/21 08:30	06/30/21 16:56	79-00-5	
1,1-Dichloroethane	<15.2	ug/kg	59.2	15.2	1	06/30/21 08:30	06/30/21 16:56	75-34-3	
1,1-Dichloroethene	<19.7	ug/kg	59.2	19.7	1	06/30/21 08:30	06/30/21 16:56	75-35-4	
1,1-Dichloropropene	<19.2	ug/kg	59.2	19.2	1	06/30/21 08:30	06/30/21 16:56	563-58-6	
1,2,3-Trichlorobenzene	<66.0	ug/kg	296	66.0	1	06/30/21 08:30	06/30/21 16:56	87-61-6	
1,2,3-Trichloropropane	<28.8	ug/kg	59.2	28.8	1	06/30/21 08:30	06/30/21 16:56	96-18-4	
1,2,4-Trichlorobenzene	<48.8	ug/kg	296	48.8	1	06/30/21 08:30	06/30/21 16:56	120-82-1	
1,2,4-Trimethylbenzene	<17.6	ug/kg	59.2	17.6	1	06/30/21 08:30	06/30/21 16:56	95-63-6	
1,2-Dibromo-3-chloropropane	<46.0	ug/kg	296	46.0	1	06/30/21 08:30	06/30/21 16:56	96-12-8	
1,2-Dibromoethane (EDB)	<16.2	ug/kg	59.2	16.2	1	06/30/21 08:30	06/30/21 16:56	106-93-4	
1,2-Dichlorobenzene	<18.4	ug/kg	59.2	18.4	1	06/30/21 08:30	06/30/21 16:56	95-50-1	
1,2-Dichloroethane	<13.6	ug/kg	59.2	13.6	1	06/30/21 08:30	06/30/21 16:56	107-06-2	
1,2-Dichloropropane	<14.1	ug/kg	59.2	14.1	1	06/30/21 08:30	06/30/21 16:56	78-87-5	
1,3,5-Trimethylbenzene	<19.1	ug/kg	59.2	19.1	1	06/30/21 08:30	06/30/21 16:56	108-67-8	
1,3-Dichlorobenzene	<16.2	ug/kg	59.2	16.2	1	06/30/21 08:30	06/30/21 16:56	541-73-1	
1,3-Dichloropropane	<12.9	ug/kg	59.2	12.9	1	06/30/21 08:30	06/30/21 16:56	142-28-9	
1,4-Dichlorobenzene	<16.2	ug/kg	59.2	16.2	1	06/30/21 08:30	06/30/21 16:56	106-46-7	
2,2-Dichloropropane	<16.0	ug/kg	59.2	16.0	1	06/30/21 08:30	06/30/21 16:56	594-20-7	
2-Chlorotoluene	<19.2	ug/kg	59.2	19.2	1	06/30/21 08:30	06/30/21 16:56	95-49-8	
4-Chlorotoluene	<22.5	ug/kg	59.2	22.5	1	06/30/21 08:30	06/30/21 16:56	106-43-4	
Benzene	<14.1	ug/kg	23.7	14.1	1	06/30/21 08:30	06/30/21 16:56	71-43-2	
Bromobenzene	<23.1	ug/kg	59.2	23.1	1	06/30/21 08:30	06/30/21 16:56	108-86-1	
Bromochloromethane	<16.2	ug/kg	59.2	16.2	1	06/30/21 08:30	06/30/21 16:56	74-97-5	
Bromodichloromethane	<14.1	ug/kg	59.2	14.1	1	06/30/21 08:30	06/30/21 16:56	75-27-4	
Bromoform	<261	ug/kg	296	261	1	06/30/21 08:30	06/30/21 16:56	75-25-2	
Bromomethane	<83.0	ug/kg	296	83.0	1	06/30/21 08:30	06/30/21 16:56	74-83-9	
Carbon tetrachloride	<13.0	ug/kg	59.2	13.0	1	06/30/21 08:30	06/30/21 16:56	56-23-5	
Chlorobenzene	<7.1	ug/kg	59.2	7.1	1	06/30/21 08:30	06/30/21 16:56	108-90-7	
Chloroethane	<25.0	ug/kg	296	25.0	1	06/30/21 08:30	06/30/21 16:56	75-00-3	
Chloroform	<42.4	ug/kg	296	42.4	1	06/30/21 08:30	06/30/21 16:56	67-66-3	
Chloromethane	<22.5	ug/kg	59.2	22.5	1	06/30/21 08:30	06/30/21 16:56	74-87-3	
Dibromochloromethane	<202	ug/kg	296	202	1	06/30/21 08:30	06/30/21 16:56	124-48-1	
Dibromomethane	<17.5	ug/kg	59.2	17.5	1	06/30/21 08:30	06/30/21 16:56	74-95-3	
Dichlorodifluoromethane	<25.5	ug/kg	59.2	25.5	1	06/30/21 08:30	06/30/21 16:56	75-71-8	
Diisopropyl ether	<14.7	ug/kg	59.2	14.7	1	06/30/21 08:30	06/30/21 16:56	108-20-3	
Ethylbenzene	<14.1	ug/kg	59.2	14.1	1	06/30/21 08:30	06/30/21 16:56	100-41-4	
Hexachloro-1,3-butadiene	<118	ug/kg	296	118	1	06/30/21 08:30	06/30/21 16:56	87-68-3	
Isopropylbenzene (Cumene)	<16.0	ug/kg	59.2	16.0	1	06/30/21 08:30	06/30/21 16:56	98-82-8	
Methyl-tert-butyl ether	<17.4	ug/kg	59.2	17.4	1	06/30/21 08:30	06/30/21 16:56	1634-04-4	
Methylene Chloride	<16.5	ug/kg	59.2	16.5	1	06/30/21 08:30	06/30/21 16:56	75-09-2	
Naphthalene	<18.5	ug/kg	296	18.5	1	06/30/21 08:30	06/30/21 16:56	91-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

Sample: SAMPLE-3 **Lab ID: 40229173003** Collected: 06/25/21 08:10 Received: 06/29/21 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<15.2	ug/kg	59.2	15.2	1	06/30/21 08:30	06/30/21 16:56	100-42-5	
Tetrachloroethene	39.0J	ug/kg	59.2	23.0	1	06/30/21 08:30	06/30/21 16:56	127-18-4	
Toluene	<14.9	ug/kg	59.2	14.9	1	06/30/21 08:30	06/30/21 16:56	108-88-3	
Trichloroethene	<22.2	ug/kg	59.2	22.2	1	06/30/21 08:30	06/30/21 16:56	79-01-6	
Trichlorofluoromethane	<17.2	ug/kg	59.2	17.2	1	06/30/21 08:30	06/30/21 16:56	75-69-4	
Vinyl chloride	<12.0	ug/kg	59.2	12.0	1	06/30/21 08:30	06/30/21 16:56	75-01-4	
cis-1,2-Dichloroethene	<12.7	ug/kg	59.2	12.7	1	06/30/21 08:30	06/30/21 16:56	156-59-2	
cis-1,3-Dichloropropene	<39.1	ug/kg	296	39.1	1	06/30/21 08:30	06/30/21 16:56	10061-01-5	
m&p-Xylene	<25.0	ug/kg	118	25.0	1	06/30/21 08:30	06/30/21 16:56	179601-23-1	
n-Butylbenzene	<27.1	ug/kg	59.2	27.1	1	06/30/21 08:30	06/30/21 16:56	104-51-8	
n-Propylbenzene	<14.2	ug/kg	59.2	14.2	1	06/30/21 08:30	06/30/21 16:56	103-65-1	
o-Xylene	<17.8	ug/kg	59.2	17.8	1	06/30/21 08:30	06/30/21 16:56	95-47-6	
p-Isopropyltoluene	<18.0	ug/kg	59.2	18.0	1	06/30/21 08:30	06/30/21 16:56	99-87-6	
sec-Butylbenzene	<14.5	ug/kg	59.2	14.5	1	06/30/21 08:30	06/30/21 16:56	135-98-8	
tert-Butylbenzene	<18.6	ug/kg	59.2	18.6	1	06/30/21 08:30	06/30/21 16:56	98-06-6	
trans-1,2-Dichloroethene	<12.8	ug/kg	59.2	12.8	1	06/30/21 08:30	06/30/21 16:56	156-60-5	
trans-1,3-Dichloropropene	<169	ug/kg	296	169	1	06/30/21 08:30	06/30/21 16:56	10061-02-6	
Surrogates									
Toluene-d8 (S)	128	%	67-159		1	06/30/21 08:30	06/30/21 16:56	2037-26-5	
4-Bromofluorobenzene (S)	131	%	66-153		1	06/30/21 08:30	06/30/21 16:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	122	%	82-158		1	06/30/21 08:30	06/30/21 16:56	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	8.4	%	0.10	0.10	1		06/29/21 12:24		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

Sample: SAMPLE-4 **Lab ID: 40229173004** Collected: 06/25/21 08:12 Received: 06/29/21 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<17.0	ug/kg	70.7	17.0	1	06/30/21 08:30	06/30/21 17:16	630-20-6	
1,1,1-Trichloroethane	<18.1	ug/kg	70.7	18.1	1	06/30/21 08:30	06/30/21 17:16	71-55-6	
1,1,2,2-Tetrachloroethane	<25.6	ug/kg	70.7	25.6	1	06/30/21 08:30	06/30/21 17:16	79-34-5	
1,1,2-Trichloroethane	<25.7	ug/kg	70.7	25.7	1	06/30/21 08:30	06/30/21 17:16	79-00-5	
1,1-Dichloroethane	<18.1	ug/kg	70.7	18.1	1	06/30/21 08:30	06/30/21 17:16	75-34-3	
1,1-Dichloroethene	<23.5	ug/kg	70.7	23.5	1	06/30/21 08:30	06/30/21 17:16	75-35-4	
1,1-Dichloropropene	<22.9	ug/kg	70.7	22.9	1	06/30/21 08:30	06/30/21 17:16	563-58-6	
1,2,3-Trichlorobenzene	<78.8	ug/kg	354	78.8	1	06/30/21 08:30	06/30/21 17:16	87-61-6	
1,2,3-Trichloropropane	<34.4	ug/kg	70.7	34.4	1	06/30/21 08:30	06/30/21 17:16	96-18-4	
1,2,4-Trichlorobenzene	<58.3	ug/kg	354	58.3	1	06/30/21 08:30	06/30/21 17:16	120-82-1	
1,2,4-Trimethylbenzene	<21.1	ug/kg	70.7	21.1	1	06/30/21 08:30	06/30/21 17:16	95-63-6	
1,2-Dibromo-3-chloropropane	<54.9	ug/kg	354	54.9	1	06/30/21 08:30	06/30/21 17:16	96-12-8	
1,2-Dibromoethane (EDB)	<19.4	ug/kg	70.7	19.4	1	06/30/21 08:30	06/30/21 17:16	106-93-4	
1,2-Dichlorobenzene	<21.9	ug/kg	70.7	21.9	1	06/30/21 08:30	06/30/21 17:16	95-50-1	
1,2-Dichloroethane	<16.3	ug/kg	70.7	16.3	1	06/30/21 08:30	06/30/21 17:16	107-06-2	
1,2-Dichloropropane	<16.8	ug/kg	70.7	16.8	1	06/30/21 08:30	06/30/21 17:16	78-87-5	
1,3,5-Trimethylbenzene	<22.8	ug/kg	70.7	22.8	1	06/30/21 08:30	06/30/21 17:16	108-67-8	
1,3-Dichlorobenzene	<19.4	ug/kg	70.7	19.4	1	06/30/21 08:30	06/30/21 17:16	541-73-1	
1,3-Dichloropropane	<15.4	ug/kg	70.7	15.4	1	06/30/21 08:30	06/30/21 17:16	142-28-9	
1,4-Dichlorobenzene	<19.4	ug/kg	70.7	19.4	1	06/30/21 08:30	06/30/21 17:16	106-46-7	
2,2-Dichloropropane	<19.1	ug/kg	70.7	19.1	1	06/30/21 08:30	06/30/21 17:16	594-20-7	
2-Chlorotoluene	<22.9	ug/kg	70.7	22.9	1	06/30/21 08:30	06/30/21 17:16	95-49-8	
4-Chlorotoluene	<26.9	ug/kg	70.7	26.9	1	06/30/21 08:30	06/30/21 17:16	106-43-4	
Benzene	<16.8	ug/kg	28.3	16.8	1	06/30/21 08:30	06/30/21 17:16	71-43-2	
Bromobenzene	<27.6	ug/kg	70.7	27.6	1	06/30/21 08:30	06/30/21 17:16	108-86-1	
Bromochloromethane	<19.4	ug/kg	70.7	19.4	1	06/30/21 08:30	06/30/21 17:16	74-97-5	
Bromodichloromethane	<16.8	ug/kg	70.7	16.8	1	06/30/21 08:30	06/30/21 17:16	75-27-4	
Bromoform	<311	ug/kg	354	311	1	06/30/21 08:30	06/30/21 17:16	75-25-2	
Bromomethane	<99.2	ug/kg	354	99.2	1	06/30/21 08:30	06/30/21 17:16	74-83-9	
Carbon tetrachloride	<15.6	ug/kg	70.7	15.6	1	06/30/21 08:30	06/30/21 17:16	56-23-5	
Chlorobenzene	<8.5	ug/kg	70.7	8.5	1	06/30/21 08:30	06/30/21 17:16	108-90-7	
Chloroethane	<29.8	ug/kg	354	29.8	1	06/30/21 08:30	06/30/21 17:16	75-00-3	
Chloroform	<50.6	ug/kg	354	50.6	1	06/30/21 08:30	06/30/21 17:16	67-66-3	
Chloromethane	<26.9	ug/kg	70.7	26.9	1	06/30/21 08:30	06/30/21 17:16	74-87-3	
Dibromochloromethane	<242	ug/kg	354	242	1	06/30/21 08:30	06/30/21 17:16	124-48-1	
Dibromomethane	<20.9	ug/kg	70.7	20.9	1	06/30/21 08:30	06/30/21 17:16	74-95-3	
Dichlorodifluoromethane	<30.4	ug/kg	70.7	30.4	1	06/30/21 08:30	06/30/21 17:16	75-71-8	
Diisopropyl ether	<17.5	ug/kg	70.7	17.5	1	06/30/21 08:30	06/30/21 17:16	108-20-3	
Ethylbenzene	<16.8	ug/kg	70.7	16.8	1	06/30/21 08:30	06/30/21 17:16	100-41-4	
Hexachloro-1,3-butadiene	<141	ug/kg	354	141	1	06/30/21 08:30	06/30/21 17:16	87-68-3	
Isopropylbenzene (Cumene)	<19.1	ug/kg	70.7	19.1	1	06/30/21 08:30	06/30/21 17:16	98-82-8	
Methyl-tert-butyl ether	<20.8	ug/kg	70.7	20.8	1	06/30/21 08:30	06/30/21 17:16	1634-04-4	
Methylene Chloride	<19.7	ug/kg	70.7	19.7	1	06/30/21 08:30	06/30/21 17:16	75-09-2	
Naphthalene	<22.1	ug/kg	354	22.1	1	06/30/21 08:30	06/30/21 17:16	91-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 WISDOT-USH 51,PORTAGE
Pace Project No.: 40229173

Sample: SAMPLE-4 **Lab ID: 40229173004** Collected: 06/25/21 08:12 Received: 06/29/21 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<18.1	ug/kg	70.7	18.1	1	06/30/21 08:30	06/30/21 17:16	100-42-5	
Tetrachloroethene	<27.4	ug/kg	70.7	27.4	1	06/30/21 08:30	06/30/21 17:16	127-18-4	
Toluene	<17.8	ug/kg	70.7	17.8	1	06/30/21 08:30	06/30/21 17:16	108-88-3	
Trichloroethene	<26.5	ug/kg	70.7	26.5	1	06/30/21 08:30	06/30/21 17:16	79-01-6	
Trichlorofluoromethane	<20.5	ug/kg	70.7	20.5	1	06/30/21 08:30	06/30/21 17:16	75-69-4	
Vinyl chloride	<14.3	ug/kg	70.7	14.3	1	06/30/21 08:30	06/30/21 17:16	75-01-4	
cis-1,2-Dichloroethene	<15.1	ug/kg	70.7	15.1	1	06/30/21 08:30	06/30/21 17:16	156-59-2	
cis-1,3-Dichloropropene	<46.7	ug/kg	354	46.7	1	06/30/21 08:30	06/30/21 17:16	10061-01-5	
m&p-Xylene	<29.8	ug/kg	141	29.8	1	06/30/21 08:30	06/30/21 17:16	179601-23-1	
n-Butylbenzene	<32.4	ug/kg	70.7	32.4	1	06/30/21 08:30	06/30/21 17:16	104-51-8	
n-Propylbenzene	<17.0	ug/kg	70.7	17.0	1	06/30/21 08:30	06/30/21 17:16	103-65-1	
o-Xylene	<21.2	ug/kg	70.7	21.2	1	06/30/21 08:30	06/30/21 17:16	95-47-6	
p-Isopropyltoluene	<21.5	ug/kg	70.7	21.5	1	06/30/21 08:30	06/30/21 17:16	99-87-6	
sec-Butylbenzene	<17.3	ug/kg	70.7	17.3	1	06/30/21 08:30	06/30/21 17:16	135-98-8	
tert-Butylbenzene	<22.2	ug/kg	70.7	22.2	1	06/30/21 08:30	06/30/21 17:16	98-06-6	
trans-1,2-Dichloroethene	<15.3	ug/kg	70.7	15.3	1	06/30/21 08:30	06/30/21 17:16	156-60-5	
trans-1,3-Dichloropropene	<202	ug/kg	354	202	1	06/30/21 08:30	06/30/21 17:16	10061-02-6	
Surrogates									
Toluene-d8 (S)	138	%	67-159		1	06/30/21 08:30	06/30/21 17:16	2037-26-5	
4-Bromofluorobenzene (S)	142	%	66-153		1	06/30/21 08:30	06/30/21 17:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	133	%	82-158		1	06/30/21 08:30	06/30/21 17:16	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.2	%	0.10	0.10	1		06/29/21 12:24		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

QC Batch: 389418

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV Med Level Normal List

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40229173001, 40229173002, 40229173003, 40229173004

METHOD BLANK: 2245863

Matrix: Solid

Associated Lab Samples: 40229173001, 40229173002, 40229173003, 40229173004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	06/30/21 09:54	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	06/30/21 09:54	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	06/30/21 09:54	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	06/30/21 09:54	
1,1-Dichloroethane	ug/kg	<12.8	50.0	06/30/21 09:54	
1,1-Dichloroethene	ug/kg	<16.6	50.0	06/30/21 09:54	
1,1-Dichloropropene	ug/kg	<16.2	50.0	06/30/21 09:54	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	06/30/21 09:54	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	06/30/21 09:54	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	06/30/21 09:54	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	06/30/21 09:54	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	06/30/21 09:54	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	06/30/21 09:54	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	06/30/21 09:54	
1,2-Dichloroethane	ug/kg	<11.5	50.0	06/30/21 09:54	
1,2-Dichloropropane	ug/kg	<11.9	50.0	06/30/21 09:54	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	06/30/21 09:54	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	06/30/21 09:54	
1,3-Dichloropropane	ug/kg	<10.9	50.0	06/30/21 09:54	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	06/30/21 09:54	
2,2-Dichloropropane	ug/kg	<13.5	50.0	06/30/21 09:54	
2-Chlorotoluene	ug/kg	<16.2	50.0	06/30/21 09:54	
4-Chlorotoluene	ug/kg	<19.0	50.0	06/30/21 09:54	
Benzene	ug/kg	<11.9	20.0	06/30/21 09:54	
Bromobenzene	ug/kg	<19.5	50.0	06/30/21 09:54	
Bromochloromethane	ug/kg	<13.7	50.0	06/30/21 09:54	
Bromodichloromethane	ug/kg	<11.9	50.0	06/30/21 09:54	
Bromoform	ug/kg	<220	250	06/30/21 09:54	
Bromomethane	ug/kg	<70.1	250	06/30/21 09:54	
Carbon tetrachloride	ug/kg	<11.0	50.0	06/30/21 09:54	
Chlorobenzene	ug/kg	<6.0	50.0	06/30/21 09:54	
Chloroethane	ug/kg	<21.1	250	06/30/21 09:54	
Chloroform	ug/kg	<35.8	250	06/30/21 09:54	
Chloromethane	ug/kg	<19.0	50.0	06/30/21 09:54	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	06/30/21 09:54	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	06/30/21 09:54	
Dibromochloromethane	ug/kg	<171	250	06/30/21 09:54	
Dibromomethane	ug/kg	<14.8	50.0	06/30/21 09:54	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	06/30/21 09:54	
Diisopropyl ether	ug/kg	<12.4	50.0	06/30/21 09:54	

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QUALITY CONTROL DATA

Project: 421202 WISDOT-USH 51,PORTAGE
Pace Project No.: 40229173

METHOD BLANK: 2245863 Matrix: Solid
Associated Lab Samples: 40229173001, 40229173002, 40229173003, 40229173004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	06/30/21 09:54	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	06/30/21 09:54	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	06/30/21 09:54	
m&p-Xylene	ug/kg	<21.1	100	06/30/21 09:54	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	06/30/21 09:54	
Methylene Chloride	ug/kg	<13.9	50.0	06/30/21 09:54	
n-Butylbenzene	ug/kg	<22.9	50.0	06/30/21 09:54	
n-Propylbenzene	ug/kg	<12.0	50.0	06/30/21 09:54	
Naphthalene	ug/kg	<15.6	250	06/30/21 09:54	
o-Xylene	ug/kg	<15.0	50.0	06/30/21 09:54	
p-Isopropyltoluene	ug/kg	<15.2	50.0	06/30/21 09:54	
sec-Butylbenzene	ug/kg	15.7J	50.0	06/30/21 09:54	
Styrene	ug/kg	<12.8	50.0	06/30/21 09:54	
tert-Butylbenzene	ug/kg	<15.7	50.0	06/30/21 09:54	
Tetrachloroethene	ug/kg	<19.4	50.0	06/30/21 09:54	
Toluene	ug/kg	<12.6	50.0	06/30/21 09:54	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	06/30/21 09:54	
trans-1,3-Dichloropropene	ug/kg	<143	250	06/30/21 09:54	
Trichloroethene	ug/kg	<18.7	50.0	06/30/21 09:54	
Trichlorofluoromethane	ug/kg	<14.5	50.0	06/30/21 09:54	
Vinyl chloride	ug/kg	<10.1	50.0	06/30/21 09:54	
1,2-Dichlorobenzene-d4 (S)	%	102	82-158	06/30/21 09:54	
4-Bromofluorobenzene (S)	%	109	66-153	06/30/21 09:54	
Toluene-d8 (S)	%	109	67-159	06/30/21 09:54	

LABORATORY CONTROL SAMPLE: 2245864

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2440	98	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2530	101	65-129	
1,1,2-Trichloroethane	ug/kg	2500	2760	110	70-130	
1,1-Dichloroethane	ug/kg	2500	2490	100	70-130	
1,1-Dichloroethene	ug/kg	2500	2210	89	67-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2130	85	64-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2340	94	57-119	
1,2-Dibromoethane (EDB)	ug/kg	2500	2810	112	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2420	97	70-130	
1,2-Dichloroethane	ug/kg	2500	2530	101	70-130	
1,2-Dichloropropane	ug/kg	2500	2620	105	72-118	
1,3-Dichlorobenzene	ug/kg	2500	2520	101	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2410	96	70-130	
Benzene	ug/kg	2500	2450	98	70-130	
Bromodichloromethane	ug/kg	2500	2550	102	70-130	
Bromoform	ug/kg	2500	2470	99	66-130	

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QUALITY CONTROL DATA

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

LABORATORY CONTROL SAMPLE: 2245864

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	1860	74	13-153	
Carbon tetrachloride	ug/kg	2500	2450	98	73-134	
Chlorobenzene	ug/kg	2500	2400	96	70-130	
Chloroethane	ug/kg	2500	2060	82	19-170	
Chloroform	ug/kg	2500	2470	99	79-120	
Chloromethane	ug/kg	2500	2150	86	45-117	
cis-1,2-Dichloroethene	ug/kg	2500	2340	94	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2550	102	68-130	
Dibromochloromethane	ug/kg	2500	2920	117	70-130	
Dichlorodifluoromethane	ug/kg	2500	1750	70	15-135	
Ethylbenzene	ug/kg	2500	2450	98	78-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2850	114	70-130	
m&p-Xylene	ug/kg	5000	4700	94	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2430	97	65-130	
Methylene Chloride	ug/kg	2500	2350	94	70-130	
o-Xylene	ug/kg	2500	2650	106	70-130	
Styrene	ug/kg	2500	2890	116	70-130	
Tetrachloroethene	ug/kg	2500	2590	103	70-130	
Toluene	ug/kg	2500	2750	110	76-120	
trans-1,2-Dichloroethene	ug/kg	2500	2320	93	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	3080	123	70-130	
Trichloroethene	ug/kg	2500	2430	97	70-130	
Trichlorofluoromethane	ug/kg	2500	2060	83	49-153	
Vinyl chloride	ug/kg	2500	2250	90	58-121	
1,2-Dichlorobenzene-d4 (S)	%			105	82-158	
4-Bromofluorobenzene (S)	%			117	66-153	
Toluene-d8 (S)	%			122	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2245865 2245866

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40229176003 Result	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/kg	<18.5	1440	1440	1130	1190	78	82	70-130	5	20		
1,1,2,2-Tetrachloroethane	ug/kg	<26.2	1440	1440	1750	1600	121	110	65-129	9	20		
1,1,2-Trichloroethane	ug/kg	<26.3	1440	1440	1600	1510	110	104	70-130	6	20		
1,1-Dichloroethane	ug/kg	<18.5	1440	1440	1430	1410	99	98	70-130	1	20		
1,1-Dichloroethene	ug/kg	<24.0	1440	1440	987	1020	68	71	64-120	3	20		
1,2,4-Trichlorobenzene	ug/kg	<59.6	1440	1440	1640	1360	113	94	64-130	19	20		
1,2-Dibromo-3-chloropropane	ug/kg	<56.1	1440	1440	1710	1150	118	79	57-130	39	21	R1	
1,2-Dibromoethane (EDB)	ug/kg	<19.8	1440	1440	1610	1550	111	107	70-130	4	20		
1,2-Dichlorobenzene	ug/kg	<22.4	1440	1440	1660	1580	115	109	70-130	5	20		
1,2-Dichloroethane	ug/kg	<16.6	1440	1440	1540	1560	107	108	70-130	1	20		
1,2-Dichloropropane	ug/kg	<17.2	1440	1440	1550	1560	107	108	72-122	0	20		
1,3-Dichlorobenzene	ug/kg	<19.8	1440	1440	1570	1550	109	107	70-130	1	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 421202 WISDOT-USH 51,PORTAGE
Pace Project No.: 40229173

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2245865		2245866		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40229176003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/kg	<19.8	1440	1440	1540	1550	106	107	70-130	1	20		
Benzene	ug/kg	<17.2	1440	1440	1390	1370	96	94	70-130	1	20		
Bromodichloromethane	ug/kg	<17.2	1440	1440	1450	1470	100	101	70-130	1	20		
Bromoform	ug/kg	<318	1440	1440	1490	1400	103	97	66-130	6	20		
Bromomethane	ug/kg	<101	1440	1440	1100	1030	76	72	13-153	6	20		
Carbon tetrachloride	ug/kg	<15.9	1440	1440	998	1100	69	76	67-134	9	20		
Chlorobenzene	ug/kg	<8.7	1440	1440	1480	1460	102	101	70-130	1	20		
Chloroethane	ug/kg	<30.5	1440	1440	1290	1560	89	108	11-195	19	20		
Chloroform	ug/kg	<51.8	1440	1440	1450	1460	100	101	79-120	1	20		
Chloromethane	ug/kg	<27.5	1440	1440	1160	1050	80	72	30-136	10	20		
cis-1,2-Dichloroethene	ug/kg	<15.5	1440	1440	1450	1390	100	96	70-130	4	20		
cis-1,3-Dichloropropene	ug/kg	<47.7	1440	1440	1520	1500	105	104	68-130	1	20		
Dibromochloromethane	ug/kg	<247	1440	1440	1580	1470	109	101	70-130	8	20		
Dichlorodifluoromethane	ug/kg	<31.1	1440	1440	611	815	42	56	10-158	29	25	R1	
Ethylbenzene	ug/kg	<17.2	1440	1440	1420	1390	98	96	78-120	2	20		
Isopropylbenzene (Cumene)	ug/kg	<19.5	1440	1440	1410	1430	98	99	70-130	1	20		
m&p-Xylene	ug/kg	<30.5	2890	2890	2810	2780	97	96	70-130	1	20		
Methyl-tert-butyl ether	ug/kg	<21.3	1440	1440	1460	1470	101	102	65-130	0	20		
Methylene Chloride	ug/kg	<20.1	1440	1440	1350	1290	93	89	70-130	5	20		
o-Xylene	ug/kg	<21.7	1440	1440	1510	1460	105	101	70-130	3	20		
Styrene	ug/kg	<18.5	1440	1440	1600	1590	111	110	70-130	1	20		
Tetrachloroethene	ug/kg	<28.1	1440	1440	1190	1180	83	82	70-130	1	20		
Toluene	ug/kg	<18.2	1440	1440	1420	1410	98	97	76-120	1	20		
trans-1,2-Dichloroethene	ug/kg	<15.6	1440	1440	1250	1200	86	83	70-130	4	20		
trans-1,3-Dichloropropene	ug/kg	<207	1440	1440	1670	1580	116	109	70-130	6	20		
Trichloroethene	ug/kg	<27.0	1440	1440	1340	1330	93	92	70-130	1	20		
Trichlorofluoromethane	ug/kg	<21.0	1440	1440	737	861	51	59	42-159	16	21		
Vinyl chloride	ug/kg	<14.6	1440	1440	1030	1040	71	72	43-137	2	20		
1,2-Dichlorobenzene-d4 (S)	%						124	119	82-158				
4-Bromofluorobenzene (S)	%						139	127	66-153				
Toluene-d8 (S)	%						123	122	67-159				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 421202 WISDOT-USH 51,PORTAGE

Pace Project No.: 40229173

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 421202 WISDOT-USH 51,PORTAGE
Pace Project No.: 40229173

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40229173001	SAMPLE-1	EPA 5035/5030B	389418	EPA 8260	389420
40229173002	SAMPLE-2	EPA 5035/5030B	389418	EPA 8260	389420
40229173003	SAMPLE-3	EPA 5035/5030B	389418	EPA 8260	389420
40229173004	SAMPLE-4	EPA 5035/5030B	389418	EPA 8260	389420
40229173001	SAMPLE-1	ASTM D2974-87	389318		
40229173002	SAMPLE-2	ASTM D2974-87	389318		
40229173003	SAMPLE-3	ASTM D2974-87	389318		
40229173004	SAMPLE-4	ASTM D2974-87	389318		

REPORT OF LABORATORY ANALYSIS

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40229173



CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)

Company Name: TRE
 Branch/Location: Madison
 Project Contact: Don Hawk
 Phone: 608-886-7423
 Project Number: 421202
 Project Name: VISDOT - USH SI, Portage
 Project State: WI
 Sampled By (Print): Tom W. Perkins
 Sampled By (Sign): [Signature]
 PO #: _____ Regulatory Program: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
001	SAMPLE-1	6/25/21	0805	S	N	F	VOCs
002	SAMPLE-2	6/25/21	0807	S			
003	SAMPLE-3	6/25/21	0810	S			
004	SAMPLE-4	6/25/21	0812	S			

Quote #: _____
 Mail To Contact: SAME
 Mail To Company: _____
 Mail To Address: _____
 Invoice To Contact: _____
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): _____
 Profile #: _____

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: RUSH ASAP

Relinquished By: <u>[Signature]</u> Date/Time: <u>6/25/21 1630</u>	Received By: _____ Date/Time: _____
Relinquished By: <u>Fred [Signature]</u> Date/Time: <u>6/29/21 1005</u>	Received By: <u>[Signature]</u> Date/Time: <u>6/29/21 1005</u>
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____

Transmit Prelim Rush Results by (complete what you want):
 Email #1: DHAWK@TRECOMPANIES.COM
 Email #2: TPERKINS@TRECOMPANIES.COM
 Telephone: _____
 Fax: _____

Samples on HOLD are subject to special pricing and release of liability

PACE Project No. 40229173
 Receipt Temp = 23.5 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact

Sample Preservation Receipt Form

Client Name: TRC

Project # U0229173

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:


Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass					Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)									
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U								WGFU	WPFU	SP5T	ZPLC	GN				
001																																					2.5 / 5 / 10
002																																					2.5 / 5 / 10
003																																					2.5 / 5 / 10
004																																					2.5 / 5 / 10
005																																					2.5 / 5 / 10
006																																					2.5 / 5 / 10
007																																					2.5 / 5 / 10
008																																					2.5 / 5 / 10
009																																					2.5 / 5 / 10
010																																					2.5 / 5 / 10
011																																					2.5 / 5 / 10
012																																					2.5 / 5 / 10
013																																					2.5 / 5 / 10
014																																					2.5 / 5 / 10
015																																					2.5 / 5 / 10
016																																					2.5 / 5 / 10
017																																					2.5 / 5 / 10
018																																					2.5 / 5 / 10
019																																					2.5 / 5 / 10
020																																					2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			


 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: TRC
 Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

Project #: _____

WO#: 40229173



40229173

Tracking #: 2808 27343322
 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
 Custody Seal on Samples Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other Dist Water Only 6-29-21
 Thermometer Used SR-105 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
 Cooler Temperature Uncorr: 23 /Corr: 23.5
 Temp Blank Present: yes no Biological Tissue is Frozen: yes no
 Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
 Date: 6-29-21 /Initials: JKW
 Labeled By Initials: JKW

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Pg#, Mail-Inx. info</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>6-29-21</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: Proceed with Analysis Per PM 6-29-21
JKW

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log in

July 06, 2021

DAN HAAK
TRC - MADISON
708 HEARTLAND TRAIL
Madison, WI 53717

RE: Project: 421202 WISDOT - USH51 PORTAGE
Pace Project No.: 40229167

Dear DAN HAAK:

Enclosed are the analytical results for sample(s) received by the laboratory on June 29, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer
tod.noltemeyer@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Tom Perkins, TRC Madison
Peggy Popp, TRC - Madison



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 421202 WISDOT - USH51 PORTAGE

Pace Project No.: 40229167

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 421202 WISDOT - USH51 PORTAGE

Pace Project No.: 40229167

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40229167001	WC-1	Solid	06/28/21 11:30	06/29/21 09:45
40229167002	WC-2	Solid	06/28/21 11:32	06/29/21 09:45
40229167003	WC-3	Solid	06/28/21 11:35	06/29/21 09:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 421202 WISDOT - USH51 PORTAGE

Pace Project No.: 40229167

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40229167001	WC-1	EPA 6010D	TXW	1	PASI-G
		EPA 8260	LAP	13	PASI-G
40229167002	WC-2	EPA 6010D	TXW	1	PASI-G
		EPA 8260	LAP	13	PASI-G
40229167003	WC-3	EPA 6010D	TXW	1	PASI-G
		EPA 8260	LAP	13	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 421202 WISDOT - USH51 PORTAGE
Pace Project No.: 40229167

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40229167001	WC-1					
EPA 6010D	Lead	0.025	mg/L	0.020	07/02/21 11:59	
40229167002	WC-2					
EPA 6010D	Lead	0.021	mg/L	0.020	07/02/21 11:54	
EPA 8260	Tetrachloroethene	23.9	ug/L	10.0	07/01/21 11:04	
40229167003	WC-3					
EPA 8260	Tetrachloroethene	38.9	ug/L	10.0	07/01/21 10:25	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 421202 WISDOT - USH51 PORTAGE

Pace Project No.: 40229167

Method: EPA 6010D

Description: 6010D MET ICP, TCLP

Client: TRC - MADISON

Date: July 06, 2021

General Information:

3 samples were analyzed for EPA 6010D by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 421202 WISDOT - USH51 PORTAGE

Pace Project No.: 40229167

Method: EPA 8260

Description: 8260 MSV TCLP

Client: TRC - MADISON

Date: July 06, 2021

General Information:

3 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 WISDOT - USH51 PORTAGE
Pace Project No.: 40229167

Sample: WC-1 **Lab ID: 40229167001** Collected: 06/28/21 11:30 Received: 06/29/21 09:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP, TCLP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Leachate Method/Date: EPA 1311; 06/29/21 14:27									
Pace Analytical Services - Green Bay									
Lead	0.025	mg/L	0.020	0.0059	1	07/02/21 05:16	07/02/21 11:59	7439-92-1	
8260 MSV TCLP									
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 06/29/21 14:27									
Pace Analytical Services - Green Bay									
Benzene	< 3.0	ug/L	10.0	3.0	10		07/01/21 10:44	71-43-2	
2-Butanone (MEK)	< 65.2	ug/L	250	65.2	10		07/01/21 10:44	78-93-3	
Carbon tetrachloride	< 3.7	ug/L	10.0	3.7	10		07/01/21 10:44	56-23-5	
Chlorobenzene	< 8.6	ug/L	10.0	8.6	10		07/01/21 10:44	108-90-7	
Chloroform	< 11.8	ug/L	50.0	11.8	10		07/01/21 10:44	67-66-3	
1,2-Dichloroethane	< 2.9	ug/L	10.0	2.9	10		07/01/21 10:44	107-06-2	
1,1-Dichloroethene	< 5.8	ug/L	10.0	5.8	10		07/01/21 10:44	75-35-4	
Tetrachloroethene	< 4.1	ug/L	10.0	4.1	10		07/01/21 10:44	127-18-4	
Trichloroethene	< 3.2	ug/L	10.0	3.2	10		07/01/21 10:44	79-01-6	
Vinyl chloride	< 1.7	ug/L	10.0	1.7	10		07/01/21 10:44	75-01-4	
Surrogates									
Toluene-d8 (S)	98	%	70-130		10		07/01/21 10:44	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-130		10		07/01/21 10:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		10		07/01/21 10:44	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 WISDOT - USH51 PORTAGE

Pace Project No.: 40229167

Sample: WC-2 **Lab ID: 40229167002** Collected: 06/28/21 11:32 Received: 06/29/21 09:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP, TCLP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Leachate Method/Date: EPA 1311; 06/29/21 14:27									
Pace Analytical Services - Green Bay									
Lead	0.021	mg/L	0.020	0.0059	1	07/02/21 05:16	07/02/21 11:54	7439-92-1	
8260 MSV TCLP									
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 06/29/21 14:27									
Pace Analytical Services - Green Bay									
Benzene	< 3.0	ug/L	10.0	3.0	10		07/01/21 11:04	71-43-2	
2-Butanone (MEK)	< 65.2	ug/L	250	65.2	10		07/01/21 11:04	78-93-3	
Carbon tetrachloride	< 3.7	ug/L	10.0	3.7	10		07/01/21 11:04	56-23-5	
Chlorobenzene	< 8.6	ug/L	10.0	8.6	10		07/01/21 11:04	108-90-7	
Chloroform	< 11.8	ug/L	50.0	11.8	10		07/01/21 11:04	67-66-3	
1,2-Dichloroethane	< 2.9	ug/L	10.0	2.9	10		07/01/21 11:04	107-06-2	
1,1-Dichloroethene	< 5.8	ug/L	10.0	5.8	10		07/01/21 11:04	75-35-4	
Tetrachloroethene	23.9	ug/L	10.0	4.1	10		07/01/21 11:04	127-18-4	
Trichloroethene	< 3.2	ug/L	10.0	3.2	10		07/01/21 11:04	79-01-6	
Vinyl chloride	< 1.7	ug/L	10.0	1.7	10		07/01/21 11:04	75-01-4	
Surrogates									
Toluene-d8 (S)	100	%	70-130		10		07/01/21 11:04	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		10		07/01/21 11:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		10		07/01/21 11:04	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 421202 WISDOT - USH51 PORTAGE

Pace Project No.: 40229167

Sample: WC-3 **Lab ID: 40229167003** Collected: 06/28/21 11:35 Received: 06/29/21 09:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP, TCLP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Leachate Method/Date: EPA 1311; 06/29/21 14:27									
Pace Analytical Services - Green Bay									
Lead	<0.0059	mg/L	0.020	0.0059	1	07/02/21 05:16	07/02/21 11:44	7439-92-1	
8260 MSV TCLP									
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 06/29/21 14:27									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		07/01/21 10:25	71-43-2	
2-Butanone (MEK)	<65.2	ug/L	250	65.2	10		07/01/21 10:25	78-93-3	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		07/01/21 10:25	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		07/01/21 10:25	108-90-7	
Chloroform	<11.8	ug/L	50.0	11.8	10		07/01/21 10:25	67-66-3	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		07/01/21 10:25	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		07/01/21 10:25	75-35-4	
Tetrachloroethene	38.9	ug/L	10.0	4.1	10		07/01/21 10:25	127-18-4	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		07/01/21 10:25	79-01-6	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		07/01/21 10:25	75-01-4	
Surrogates									
Toluene-d8 (S)	99	%	70-130		10		07/01/21 10:25	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		10		07/01/21 10:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		10		07/01/21 10:25	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 421202 WISDOT - USH51 PORTAGE
Pace Project No.: 40229167

QC Batch: 389596 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D MET TCLP
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40229167001, 40229167002, 40229167003

METHOD BLANK: 2246636 Matrix: Water
Associated Lab Samples: 40229167001, 40229167002, 40229167003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0059	0.020	07/02/21 11:40	

METHOD BLANK: 2245527 Matrix: Solid
Associated Lab Samples: 40229167001, 40229167002, 40229167003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0059	0.020	07/02/21 12:09	

LABORATORY CONTROL SAMPLE: 2246637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.25	0.26	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2246638 2246639

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40229167003	Result	Spike Conc.	Spike Conc.								
Lead	mg/L	<0.0059	0.25	0.25	0.26	0.26	102	101	75-125	1	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 421202 WISDOT - USH51 PORTAGE
Pace Project No.: 40229167

QC Batch: 389451 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40229167001, 40229167002, 40229167003

METHOD BLANK: 2246018 Matrix: Water
Associated Lab Samples: 40229167001, 40229167002, 40229167003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.58	1.0	07/01/21 08:07	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/01/21 08:07	
2-Butanone (MEK)	ug/L	<6.5	25.0	07/01/21 08:07	
Benzene	ug/L	<0.30	1.0	07/01/21 08:07	
Carbon tetrachloride	ug/L	<0.37	1.0	07/01/21 08:07	
Chlorobenzene	ug/L	<0.86	1.0	07/01/21 08:07	
Chloroform	ug/L	<1.2	5.0	07/01/21 08:07	
Tetrachloroethene	ug/L	<0.41	1.0	07/01/21 08:07	
Trichloroethene	ug/L	<0.32	1.0	07/01/21 08:07	
Vinyl chloride	ug/L	<0.17	1.0	07/01/21 08:07	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	07/01/21 08:07	
4-Bromofluorobenzene (S)	%	94	70-130	07/01/21 08:07	
Toluene-d8 (S)	%	99	70-130	07/01/21 08:07	

METHOD BLANK: 2245530 Matrix: Solid
Associated Lab Samples: 40229167001, 40229167002, 40229167003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<5.8	10.0	07/01/21 10:05	
1,2-Dichloroethane	ug/L	<2.9	10.0	07/01/21 10:05	
2-Butanone (MEK)	ug/L	<65.2	250	07/01/21 10:05	
Benzene	ug/L	<3.0	10.0	07/01/21 10:05	
Carbon tetrachloride	ug/L	<3.7	10.0	07/01/21 10:05	
Chlorobenzene	ug/L	<8.6	10.0	07/01/21 10:05	
Chloroform	ug/L	<11.8	50.0	07/01/21 10:05	
Tetrachloroethene	ug/L	<4.1	10.0	07/01/21 10:05	
Trichloroethene	ug/L	<3.2	10.0	07/01/21 10:05	
Vinyl chloride	ug/L	<1.7	10.0	07/01/21 10:05	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	07/01/21 10:05	
4-Bromofluorobenzene (S)	%	91	70-130	07/01/21 10:05	
Toluene-d8 (S)	%	99	70-130	07/01/21 10:05	

LABORATORY CONTROL SAMPLE: 2246019

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	53.3	107	85-126	
1,2-Dichloroethane	ug/L	50	50.0	100	70-130	

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QUALITY CONTROL DATA

Project: 421202 WISDOT - USH51 PORTAGE
Pace Project No.: 40229167

LABORATORY CONTROL SAMPLE: 2246019

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	54.4	109	70-132	
Carbon tetrachloride	ug/L	50	49.8	100	70-130	
Chlorobenzene	ug/L	50	54.9	110	70-130	
Chloroform	ug/L	50	54.0	108	80-122	
Tetrachloroethene	ug/L	50	51.3	103	70-130	
Trichloroethene	ug/L	50	55.0	110	70-130	
Vinyl chloride	ug/L	50	50.6	101	63-142	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2246754 2246755

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40229167001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1-Dichloroethene	ug/L	<5.8	500	500	537	572	107	114	76-132	6	20		
1,2-Dichloroethane	ug/L	<2.9	500	500	503	502	101	100	70-130	0	20		
Benzene	ug/L	<3.0	500	500	536	529	107	106	70-132	1	20		
Carbon tetrachloride	ug/L	<3.7	500	500	478	497	96	99	70-132	4	20		
Chlorobenzene	ug/L	<8.6	500	500	560	545	112	109	70-130	3	20		
Chloroform	ug/L	<11.8	500	500	521	520	104	104	80-122	0	20		
Tetrachloroethene	ug/L	<4.1	500	500	500	491	100	98	70-130	2	20		
Trichloroethene	ug/L	<3.2	500	500	528	524	106	105	70-130	1	20		
Vinyl chloride	ug/L	<1.7	500	500	514	504	103	101	61-143	2	20		
1,2-Dichlorobenzene-d4 (S)	%						101	103	70-130				
4-Bromofluorobenzene (S)	%						101	100	70-130				
Toluene-d8 (S)	%						99	98	70-130				

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QUALIFIERS

Project: 421202 WISDOT - USH51 PORTAGE

Pace Project No.: 40229167

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 421202 WISDOT - USH51 PORTAGE
Pace Project No.: 40229167

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40229167001	WC-1	EPA 3010A	389596	EPA 6010D	389645
40229167002	WC-2	EPA 3010A	389596	EPA 6010D	389645
40229167003	WC-3	EPA 3010A	389596	EPA 6010D	389645
40229167001	WC-1	EPA 8260	389451		
40229167002	WC-2	EPA 8260	389451		
40229167003	WC-3	EPA 8260	389451		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: TRC
 Branch/Location: Madison
 Project Contact: Dan Haak
 Phone: 421202
 Project Number: (608) 886-7423
 Project Name: WisDOT - USHSI Package
 Project State: WI
 Sampled By (Print): Tom C. Perkins
 Sampled By (Sign): *[Signature]*
 PO #: _____ Regulatory Program: _____



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

40229167

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	N	N																
Y/N	N	N																
Pick Letter	A	A																
Analyses Requested	TCLP	VOCS																
	TCLP	LEAD																
	X	X																
	X	X																
	X	X																

Quote #: _____
 Mail To Contact: SAME
 Mail To Company: _____
 Mail To Address: _____
 Invoice To Contact: _____
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): _____
 Profile #: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	A	A												
		DATE	TIME																
001	WC-1	6/28/21	1130	S		X	X												
002	WC-2	6/28/21	1132	S		X	X												
003	WC-3	6/28/21	1135	S		X	X												

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed: 7/2/2021

Transmit Prelim Rush Results by (complete what you want):

Email #1: *[Email]*
 Email #2: *[Email]*
 Telephone: _____
 Fax: _____

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: *[Signature]* Date/Time: 6/29/21/0945
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: *[Signature]* Date/Time: 6/29/21/0945
 Received By: *[Signature]* Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40229167
 Receipt Temp = 4.5 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present
 Intact / Not Intact



Document Name:
Sample Condition Upon Receipt (SCUR)
 Document No.:
ENV-FRM-GBAY-0014-Rev.00

Document Revised: 26Mar2020
 Author:
 Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: TRC

WO#: 40229167



Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR-105 Type of Ice: Wet Blue Dry None

Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 5 / Corr: 4.5

Person examining contents:
 Date: 6/29/21 Initials: EL
 Labeled By Initials: ATB

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir