999 Fourier Dr., Ste. 101
Madison, WI 53717

T 608.826.3600
TRCcompanies.com

January 12, 2024

Mackenzie Reynolds
Wisconsin Department of Natural Resources
1027 W. St. Paul Avenue
Milwaukee, WI 53233

Subject: Phase 2.5 Investigation
Various Locations in Baraboo, Reedsburg, and Rock Springs, Sauk County, Wisconsin
WisDOT Project ID #5637-02-01

Dear Ms. Reynolds:

Enclosed is the Phase 2.5 Investigation Report for various locations in Baraboo, Reedsburg, and Rock Springs, Sauk County, Wisconsin (WisDOT ID 5637-02-01). Based on the results of the investigation and the proposed depth of disturbance, contaminated soil is not expected to be encountered during construction. Groundwater was not encountered during the investigation and is not anticipated to be encountered during construction. No further investigation is recommended.

TRC recommends that the WDNR review this report and the attached Special Provisions as the Excavation Management Plan (EMP) for the project. We ask for WDNR concurrence with this report and the Special Provisions by February 28, 2024.

Please contact Erica at (608) 556-4957, or Dan at (608) 826-3628, with comments or questions.

Sincerely,

TRC

Erica Lawson, P.E.
Senior Project Engineer

Dan Haak, P.E.
Project Manager

cc: Anna Jahns, WisDOT (pdf via email)
Shar TeBeest, WisDOT (pdf via email)

Phase 2.5 Investigation

Various Locations in Baraboo, Reedsburg, and Rock Springs, Sauk County, Wisconsin

January 2024

WisDOT Project #5637-02-01

Prepared For:

Wisconsin Department of Transportation

Prepared By:

TRC
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

Erica Lawson, P.E.
Project Manager

Dan Haak, P.E.
TRC Quality Assurance

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TABLES

FIGURES

APPENDICES

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 Wisconsin Department of Transportation (WisDOT) is planning to upgrade and replace curb ramps and short stretches of sidewalk along the following state highways in Sauk County, Wisconsin (WisDOT ID 5637-02-01), hereinafter referred to as the "project area:"

- **Baraboo:** STH 136, STH 136 / STH 33, and STH 113 (Broadway Street/Water Street)
- **Reedsburg:** STH 23 (S Albert Avenue) and STH 23 / STH 33 (Main Street)
- **Rock Springs:** STH 154 / STH 136 (Broadway Street)

Construction on the project is anticipated to begin in 2024.

The WisDOT previously retained TRC Environmental Corporation (TRC) to conduct a Modified Phase 1 Investigation (Modified Phase 1) to review the project area for known or suspected areas of contamination to evaluate the potential for direct contact with contaminants, whether abandoned monitoring wells within the project area were appropriately abandoned, and whether any active monitoring wells within the project area should be abandoned prior to construction activities. Based on the findings of the Modified Phase 1, a total of 11 sites in Reedsburg and Baraboo were identified within the project area as having the potential for contaminated soil to be encountered during WisDOT construction activities, and nine of those sites were recommended for soil sampling. Additional investigation was not recommended for sites in Rock Springs based on the findings of the Modified Phase 1.

The WisDOT retained TRC to conduct a Phase 2.5 Investigation to evaluate the nine sites recommended for soil sampling based on the findings of the Modified Phase 1. On February 28, 2023, TRC and TRC's Geoprobe® subcontractor completed soil borings and soil sampling at these nine sites in Baraboo and Reedsburg, Wisconsin. A total of 18 soil borings were installed (two per site). One soil sample was collected from each soil boring and submitted for laboratory analysis for volatile organic compounds (VOCs), petroleum volatile organic compounds (PVOCs), lead, diesel range organics (DRO), and/or gasoline range organics (GRO). The soil sample results indicated that DRO was detected in two samples at estimated concentrations less than 3 mg/kg, VOCs were not detected, and lead was detected in nine samples at concentrations below the NR 720 soil residual contaminant levels (RCLs).

Based on the results of the investigation and the proposed depth of disturbance, contaminated soil is not expected to be encountered during construction. If obvious signs of contamination are identified during construction, the highway contractor should stop work and contact TRC to mobilize to the project area to collect soil samples for waste characterization and coordination for off-site disposal.

No further investigation is recommended for the sites evaluated in this Phase 2.5 investigation. Groundwater was not encountered during the investigation and is not anticipated to be encountered during construction.

Areas of contaminated soil and/or groundwater beyond project limits were previously identified by environmental investigations completed by others. A Notice to Contractor for Contamination Beyond Construction Limits is provided in **Appendix D**.

1.0 Background

1.1 Proposed Roadway and Utility Construction

The WisDOT is planning to upgrade and replace curb ramps and short stretches of sidewalk along the following state highways in Sauk County, Wisconsin (WisDOT ID 5637-02-01), as shown on Figure 1 and Figures 2.1-2.3, hereinafter referred to as the "project area:"

- **Baraboo:** STH 136, STH 136 / STH 33, and STH 113 (Broadway Street/Water Street)
- **Reedsburg:** STH 23 (S Albert Avenue) and STH 23 / STH 33 (Main Street)
- **Rock Springs:** STH 154 / STH 136 (Broadway Street)

Construction on the project is anticipated to begin in 2024.

The project is expected to require minor fee acquisition areas and temporary limited easements at curb ramp and sidewalk improvement areas. Excavations to install the new curb ramps and replace sidewalk areas will generally be limited to approximately 2 feet (ft) below ground surface (bgs) throughout the project area. Applicable sections of the preliminary construction drawings are included in **Appendix A**.

1.2 Previous Site Investigations

The WisDOT previously retained TRC to conduct a Modified Phase 1 to review the project area for known or suspected areas of contamination to determine the potential for direct contact with contaminants, determine whether abandoned monitoring wells within the project area were appropriately abandoned, and determine whether any active monitoring wells within the project area should be abandoned prior to construction activities.

Based on the findings of the Modified Phase 1, a total of 11 sites in Reedsburg and Baraboo were identified within the project area as having the potential for contaminated soil to be encountered during WisDOT construction activities:

Site	Name	Address	Recommendation	
			Soil Sampling	Post Closure Modification
1	Reedsburg Cleaners	349 E Main St, Reedsburg, WI	X	
2	Spellman Monument	403 E Main St, Reedsburg, WI	X	X
3	Meyers 76	441 E Main St, Reedsburg, WI	X	
4	Verns Garden Center	640 E Main St, Reedsburg, WI	X	
5	COOP County Partners	306 E Main St, Reedsburg, WI		X
6	Leuths Mobil	1001 S Main St, Reedsburg, WI	X	
7	Hesselberg Property	401 Broadway St, Baraboo, WI	X	
8	Johnsen Insurance Agency	402 Broadway St, Baraboo, WI	X	
9	Smith Oil Service	701 Broadway St, Baraboo, WI	X	X
10	Broadway 66 Self Service	805 Broadway St, Baraboo, WI	X	X
11	Veolia Environmental Services Former	300 Water Street Baraboo, WI		X

Based on a review of documentation obtained from the WDNR BRRTS website, residual soil and groundwater contamination associated with these sites was documented greater than 50 feet from the project area. As such, no soil sampling was proposed for Sites 5 and 11. The submittal of post closure modifications to WDNR for the potential disturbance of existing soil caps at or adjacent to the above five sites (Sites 2, 5, 9, 10, and 11) will be provided as a separate deliverable. Additional investigation was not recommended for sites in Rock Springs based on the findings of the Modified Phase 1.

2.0 Phase 2.5 Investigation

2.1 Investigation Methods

The WisDOT retained TRC to perform a Phase 2.5 Investigation for the nine sites recommended for soil sampling to identify the absence or presence of soil contamination within the construction limits.

Representatives from TRC and TRC's Geoprobe® subcontractor, On-Site Environmental Services, Inc. (On-Site) were in Reedsburg and Baraboo, Wisconsin on April 28, 2023, to complete 18 soil borings (SB-1 through SB-18) and collect soil samples for laboratory analysis. Two soil borings were installed at each of the nine sites. Photographs of the site investigation activities are included in **Appendix B**, and boring locations are shown in **Figures 3.1** through **3.9**.

Soil borings were drilled using a track mounted Geoprobe® and advanced to depths of 4 ft bgs except SB-3 and SB-5, which were terminated upon refusal at 2.5 ft bgs and 3.5 ft bgs, respectively. Soil was separated into two-foot intervals and screened by TRC for visual and olfactory signs of contamination, as well as using a photoionization detector (PID). The PID headspace readings for all soil intervals were 0 parts per million (ppm) and are summarized in **Table 1**.

The soil borings consisted of sandy silt with sandstone gravel, and clayey silt. Fill material was observed in boring SB-10 at 3.5 ft bgs. Soil borings SB-3 and SB-5 both were terminated upon refusal at bedrock at 2.5 ft and 3 ft, respectively. Groundwater was not encountered during the investigation. As such, groundwater is not expected to be encountered during construction.

One soil sample interval was selected from each boring. If no potential impacts were observed during field-screening, then a soil sample was collected from the depth interval below the upper foot of non-native topsoil and concrete. The soil sample for SB-10 was collected from 1.5 to 3.5 ft bgs in order to evaluate the presence of fill material observed at 3.5 ft bgs.

Soil samples were placed in laboratory-provided containers and submitted to Pace Analytical in Green Bay, Wisconsin for laboratory analysis for analysis of VOCs, PVOCs, lead, DRO, and/or GRO, as summarized in the table below:

Summary of Laboratory Analysis and Analytical Methods

Soil Boring ID	VOCs (EPA 8260)	PVOCs (WI MOD GRO)	DRO (WI MOD DRO)	GRO (WI MOD GRO)	Lead (EPA 6010D)
SB-1	X		X	X	X
SB-2	X				
SB-3		X			
SB-4		X	X	X	X
SB-5		X			
SB-6		X	X	X	X
SB-7		X	X	X	X
SB-8		X			
SB-9		X			
SB-10		X	X	X	X
SB-11		X			
SB-12		X	X	X	X
SB-13		X			
SB-14		X	X	X	X
SB-15		X	X	X	X
SB-16		X			
SB-17		X	X	X	X
SB-18		X			

Soil borings were abandoned following the completion of soil sampling by backfilling the holes with 3/8" bentonite chips to the ground surface. Soil borings located in sidewalks or driveways were finished with concrete to match the surrounding material.

2.2 Soil Analytical Results

Soil analytical results are summarized in **Table 1** and the complete laboratory report is included in **Appendix C**. Analytical results were reviewed per TRC's data usability guidelines. All results except lead were qualified as estimated with potential low bias (flagged "J-") due to the receipt of samples at a temperature above method requirements resulting from delays in shipping.

The laboratory analytical results from the soil sampling indicate that DRO was detected in two samples at estimated concentrations less than 3 mg/kg, VOCs were not detected in any samples, and lead was detected in nine samples at concentrations below the NR 720 soil RCLs and the background threshold value.

2.3 Investigation Derived Waste

All disposable investigation-derived waste (IDW) including Geoprobe liners, gloves, bags, etc. was collected and disposed of as solid waste at the TRC office. Soil cuttings were thin spread on site after field indications of contamination were not observed.

3.0 Conclusions and Recommendations

3.1 Soil Management Recommendations

Based on the results of the investigation and the proposed depth of disturbance, contaminated soil is not expected to be encountered during construction. If obvious signs of contamination are identified during construction, the highway contractor should stop work and contact TRC to mobilize to the project area to collect soil samples for waste characterization and coordination for off-site disposal.

No further investigation is recommended for the sites evaluated in this Phase 2.5 investigation. Groundwater was not encountered during the investigation and is not anticipated to be encountered during construction.

Areas of contaminated soil and/or groundwater beyond project limits were previously identified by environmental investigations completed by others. A Notice to Contractor for Contamination Beyond Construction Limits is provided in **Appendix D**.

3.2 Cap Modification Requests and Monitoring Wells

TRC will coordinate with the WDNR to modify existing caps. All groundwater monitoring wells that are expected to be in conflict with the planned construction have been previously abandoned at the sites except for one monitoring well (MW-2) at Site 1. This well should be protected during construction.

Table 1: Soil Analytical Results
WisDOT Sauk County Curb Ramps
Baraboo, Reedsburg, and Rock Springs, Sauk County, Wisconsin
TRC Project #531779.0000, WisDOT ID: 5637-02-01

Soil Boring/Sample Location ID			NR 720 Soil RCLs[2]				SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	SB-17	SB-18
Sample Depth (ft bgs)							1-3	1-3	1-2.5	1-3	1-3	1-3	1-3	1-3	1-3	1.5-3.5	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
Sample Date							4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023	4/28/2023
Unsaturated/Saturated (U/S)							U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Parameters[1]	**CAS RN**	**Units**	**Soil to Groundwater Pathway**	**Non-Industrial Direct Contact**	**Industrial Direct Contact Pathway**	**BTV[2]**																		
PID Field Screening	-	ppm	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRO	-	mg/kg	-	-	-	-	<1.3 J-	--	--	2.0 J-	--	<1.4 J-	<1.4 J-	--	--	<1.4 J-	--	2.8 J-	--	<1.4 J-	<1.6 J-	--	<1.4 J-	--
Metals																								
Lead	7439-92-1	mg/kg	27	400	800	51.6	13	--	--	3.4	--	3.1	26.9	--	--	17.9	--	10.2	--	1.1 J	18.9	--	13.6	--

Notes:

Prepared by: C. Frauen 5/23/2023
Checked by: L. Auner, 6/9/2023

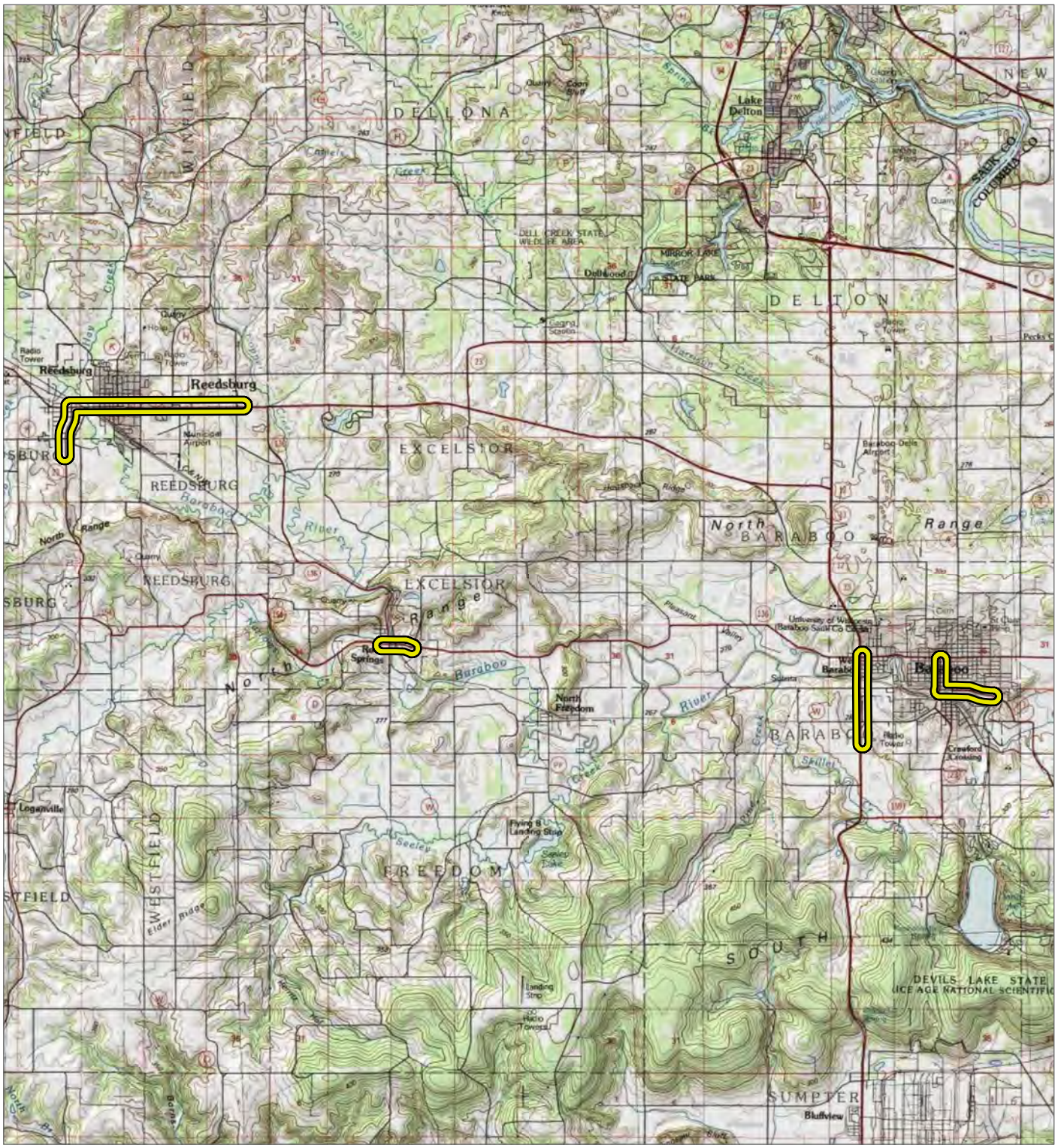
RCL = NR 720 residual contaminant level
BTV = background threshold value
ft bgs = feet below ground surface
PID = photoionization detector
CAS RN = Chemical Abstract Service Registry Number
DRO = diesel range organics
ppm = parts per million
mg/kg = milligrams per kilogram
- = standard not established
-- = not analyzed
Blue italics = detection equals or exceeds the NR 720 groundwater pathway RCL and BTV (if established)
Orange bold = detection equals or exceeds the non-industrial direct contact pathway RCL and BTV (if established)
Red bold = detection equals or exceeds the industrial direct contact pathway RCL and BTV (if established)

Data Qualifiers

J- = Estimated concentration with potential low bias

Footnotes:

(1) Only analytes that were detected in at least one sample are included in the table.
(2) NR 720 RCLs and BTVs from WDNR RCL spreadsheet (December 2018 update), in which RCLs were calculated using default exposure assumptions listed in NR 720.12(3).



PROJECT AREA

0 6,000 12,000

FEET

1:144,000 1" = 12,000'

BASE MAP: ARCGIS MAP SERVICE - USA_TOPO_MAPS

PROJECT:

WISDOT PROJECT #5637-02-01
SAUK COUNTY, WISCONSIN

TITLE:

PROJECT LOCATION MAP

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		
APPROVED BY:	D. HAAK		**FIGURE 1**
DATE:	JANUARY 2024		

TRC

999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SAUKCO

LEGEND

PROJECT BOUNDARY

STATE TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO IMAGERY, (8/10/2020).

1:12,000
1" = 1,000'

0 1,000 2,000 FEET

PROJECT: WISDOT PROJECT #5637-02-01
BARABOO
SAUK COUNTY, WISCONSIN

TITLE: PROJECT AREA

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		FIGURE 2.1
APPROVED BY:	D. HAAK		
DATE:	JANUARY 2024		

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet - Map Rotation: 0
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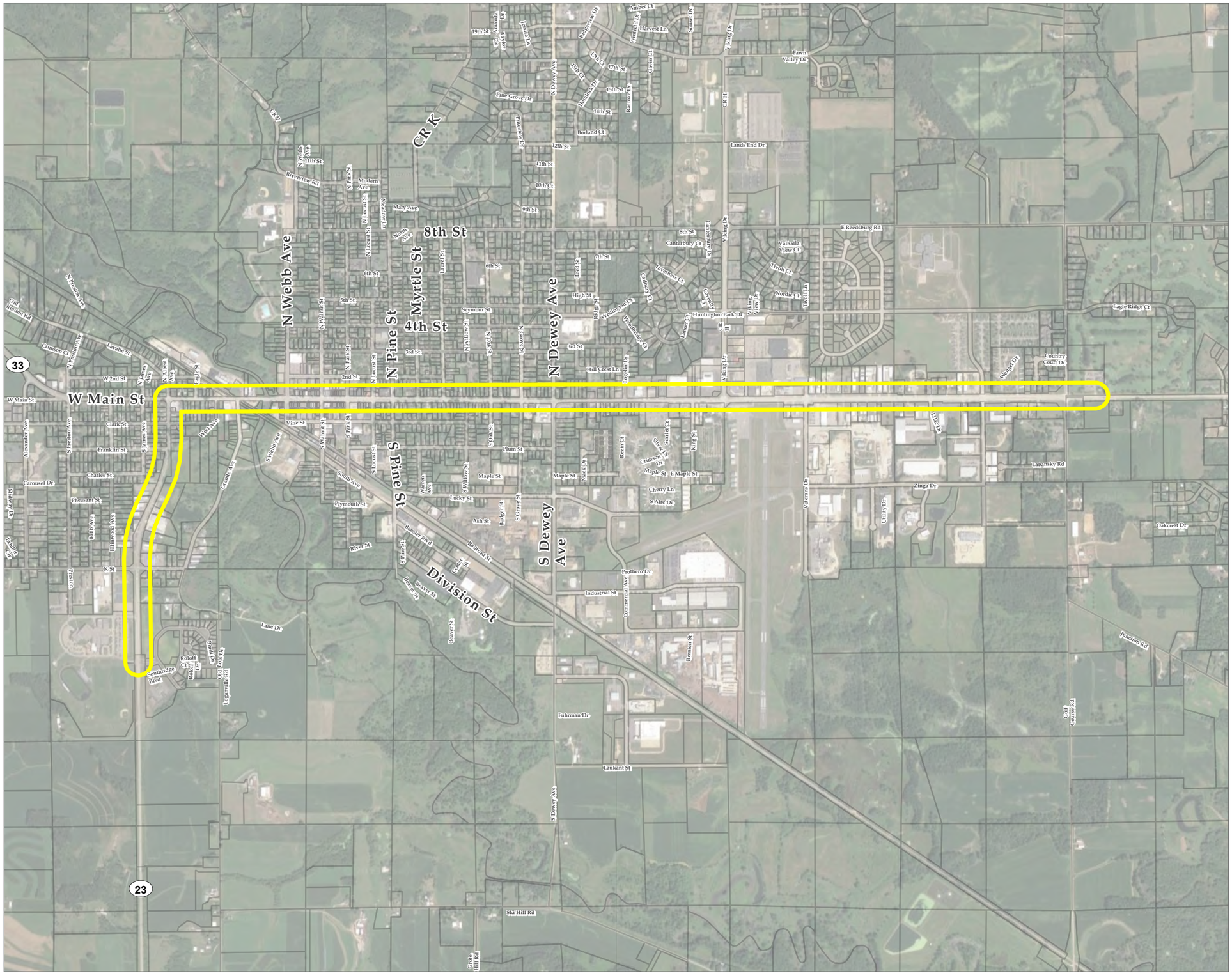

LEGEND

- PROJECT BOUNDARY
- STATE TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO IMAGERY, (8/10/2020).

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1" = 1,500'

0 1,600 3,200 FEET

PROJECT:
WISDOT PROJECT #5637-02-01
REEDSBURG
SAUK COUNTY, WISCONSIN

TITLE:
PROJECT AREA

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		
APPROVED BY:	D. HAAK		**FIGURE 2.2**
DATE:	JANUARY 2024		

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet; Map Rotation: 0
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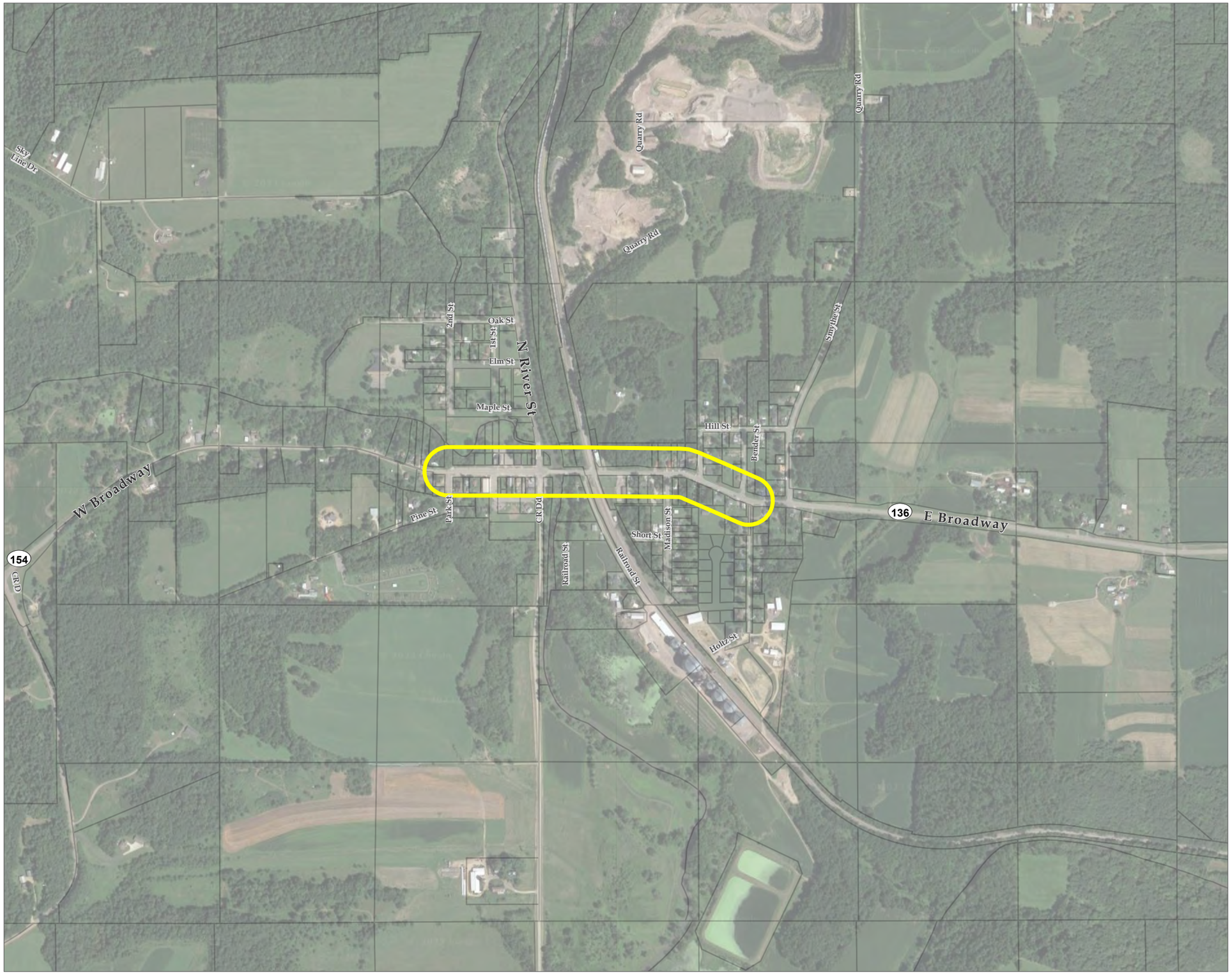

LEGEND

- PROJECT BOUNDARY
- STATE TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO IMAGERY, (8/10/2020).
2. STREAM DATA ACQUIRED FROM USGS NATIONAL HYDROGRAPHY DATASET (NHD).

1:9,600
1" = 800'

0 800 1,600 FEET

PROJECT:
WISDOT PROJECT #5637-02-01
ROCK SPRINGS
SAUK COUNTY, WISCONSIN

TITLE:
PROJECT AREA

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON	**FIGURE 2.3**	
APPROVED BY:	D. HAAK		
DATE:	JANUARY 2024		

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet. Map Rotation: 0
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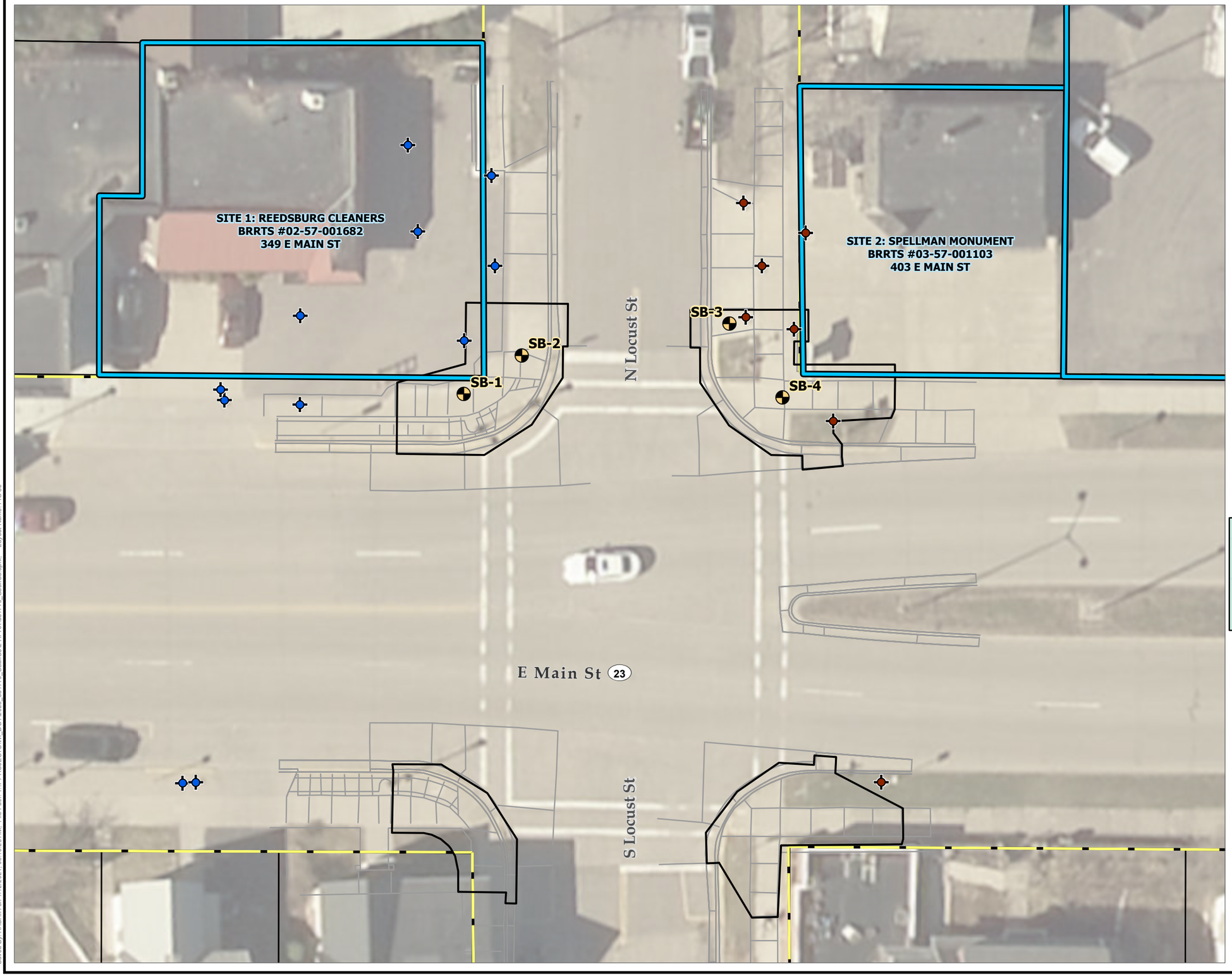
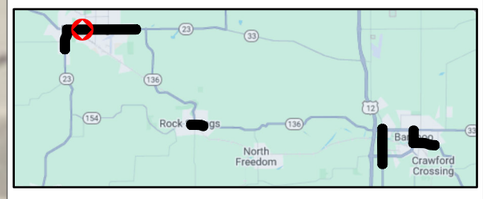


LEGEND

- SITE OF CONCERN FROM MODIFIED PHASE I
- ABANDONED MONITORING WELL (BY OTHERS)
- EXISTING MONITORING WELL (INSTALLED BY OTHERS)
- SOIL BORING
- WISDOT DISTURBANCE AREA
- EXISTING RIGHT OF WAY
- TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM ESRI WORLD IMAGREY LAYER.
2. PARCEL BOUNDARIES FROM SAUK COUNTY GIS.
3. DWG LINEWORK FROM WISDOT # 5637-02-71 (4/2023).



1:240
1" = 20'

0 20 40 FEET

PROJECT:
WISDOT PROJECT #5637-02-01
SAUK COUNTY, WISCONSIN

TITLE:
DETAILED SITE MAP
REEDSBURG CLEANERS/SPELLMAN MONUMENT
REEDSBURG, WI

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		
APPROVED BY:	D. HAAK		
DATE:	JANUARY 2024		

FIGURE 3.1

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

Coordinate System: NAD 1983 HARN WISCRS Sauk County Feet; Map Rotation: 0
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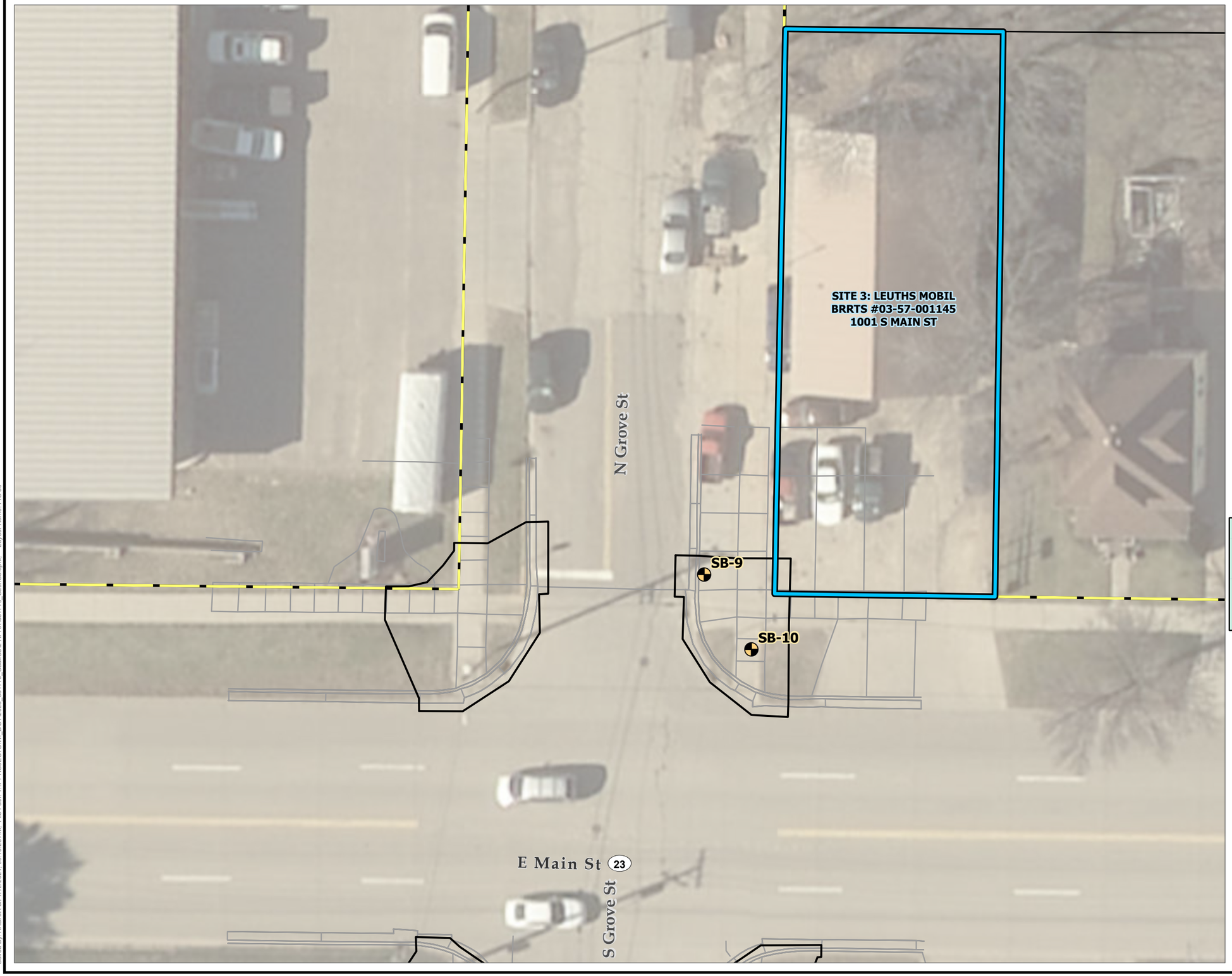
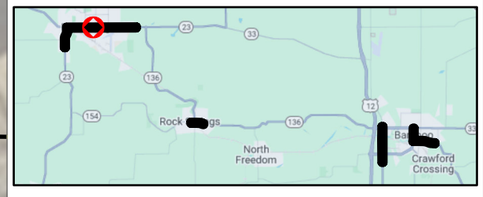


LEGEND

- SITE OF CONCERN FROM MODIFIED PHASE I
- SOIL BORING
- WISDOT DISTURBANCE AREA
- EXISTING RIGHT OF WAY
- TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM ESRI WORLD IMAGREY LAYER.
2. PARCEL BOUNDARIES FROM SAUK COUNTY GIS.
3. DWG LINEWORK FROM WISDOT # 5637-02-71 (4/2023).



1:240
1" = 20'
0 20 40 FEET

PROJECT:
WISDOT PROJECT #5637-02-01
SAUK COUNTY, WISCONSIN

TITLE:
DETAILED SITE MAP
LEUTHS MOBIL
REEDSBURG, WI

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		
APPROVED BY:	D. HAAK		
DATE:	JANUARY 2024		

FIGURE 3.2

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

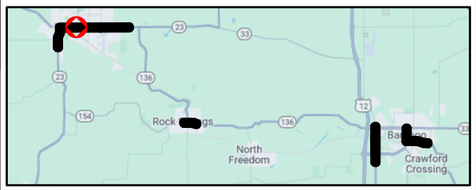
Coordinate System: NAD 1983 HARN WISCRS Sauk County Feet. Map Rotation: 0
Saved By: AADAIR on 1/22/2024, 08:16:34 AM. File Path: T:\1_PROJECTS\WI_DOT\2023_531779_SaukCo\2-APRX\531779_SaukCo.aprx Layout Name: FIG 3s

LEGEND

- SITE OF CONCERN FROM MODIFIED PHASE I
- SOIL BORING
- WISDOT DISTURBANCE AREA
- EXISTING RIGHT OF WAY
- TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM ESRI WORLD IMAGREY LAYER.
2. PARCEL BOUNDARIES FROM SAUK COUNTY GIS.
3. DWG LINEWORK FROM WISDOT # 5637-02-71 (4/2023).



N

1:240
1" = 20'

0 20 40 FEET

PROJECT:
WISDOT PROJECT #5637-02-01
SAUK COUNTY, WISCONSIN

TITLE:
DETAILED SITE MAP
MEYERS 76
REEDSBURG, WI

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		
APPROVED BY:	D. HAAK		**FIGURE 3.3**
DATE:	JANUARY 2024		

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

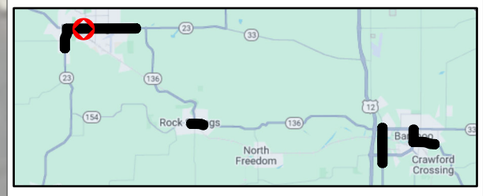
Coordinate System: NAD 1983 HARN WISCRS Sauk County Feet; Map Rotation: 0
Saved By: AADAIR on 1/22/2024 08:16:22 AM; File Path: T:\PROJECTS\WI_DOT\2023_531779_SaukCo\2-APRX\531779_SaukCo.aprx; Layout Name: FIG 3s

LEGEND

- SITE OF CONCERN FROM MODIFIED PHASE I
- SOIL BORING
- WISDOT DISTURBANCE AREA
- EXISTING RIGHT OF WAY
- TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM ESRI WORLD IMAGREY LAYER.
2. PARCEL BOUNDARIES FROM SAUK COUNTY GIS.
3. DWG LINEWORK FROM WISDOT # 5637-02-71 (4/2023).



1:240
1" = 20'

0 20 40 FEET

PROJECT:	WISDOT PROJECT #5637-02-01 SAUK COUNTY, WISCONSIN
TITLE:	DETAILED SITE MAP VERNS GARDEN CENTER REEDSBURG, WI
DRAWN BY: A. ADAIR	PROJ. NO.: 531779
CHECKED BY: E. LAWSON	FIGURE 3.4
APPROVED BY: D. HAAK	
DATE: JANUARY 2024	

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

Coordinate System: NAD 1983 HARN WISCRS Sauk County Feet, Map Rotation: 0
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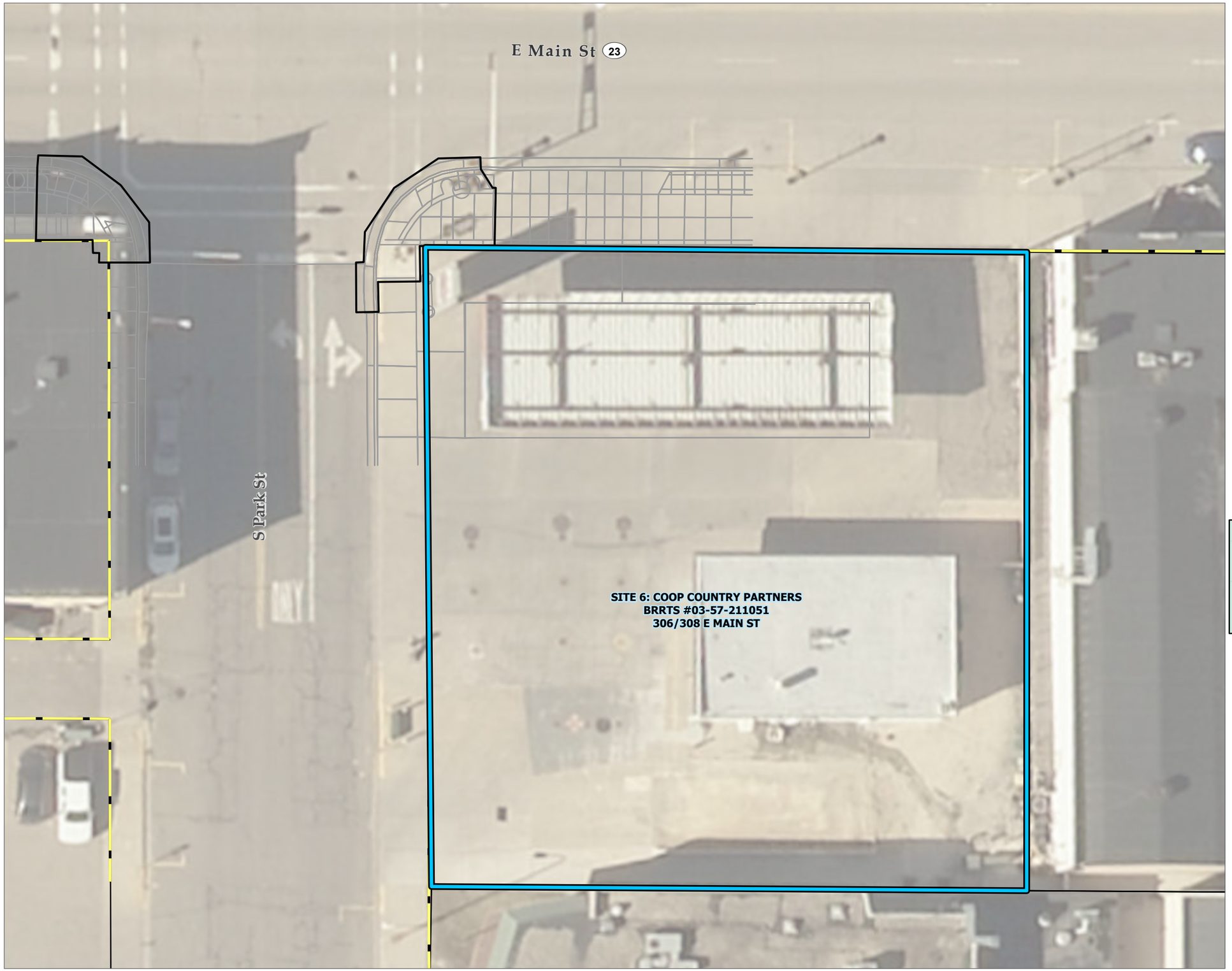
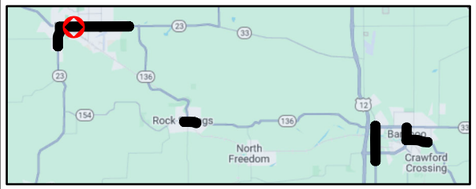


LEGEND

- SITE OF CONCERN FROM MODIFIED PHASE I
- WISDOT DISTURBANCE AREA
- EXISTING RIGHT OF WAY
- TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM ESRI WORLD IMAGREY LAYER.
2. PARCEL BOUNDARIES FROM SAUK COUNTY GIS.
3. DWG LINEWORK FROM WISDOT # 5637-02-71 (4/2023).



1:240
1" = 20'
0 20 40 FEET

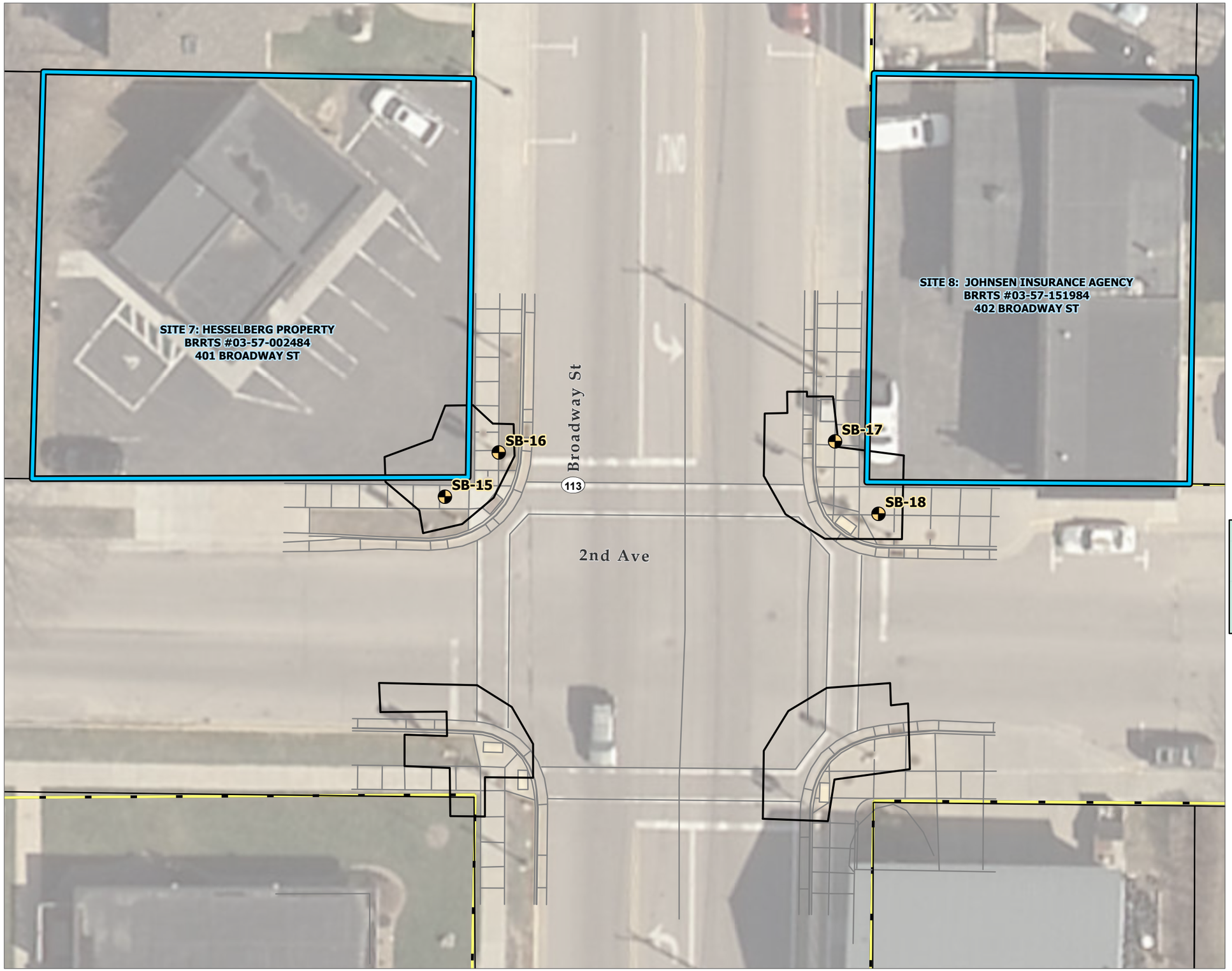
PROJECT:
WISDOT PROJECT #5637-02-01
SAUK COUNTY, WISCONSIN

TITLE:
DETAILED SITE MAP
COOP COUNTRY PARTNERS
REEDSBURG, WI

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		
APPROVED BY:	D. HAAK		**FIGURE 3.5**
DATE:	JANUARY 2024		

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx



LEGEND

- SITE OF CONCERN FROM MODIFIED PHASE I
- SOIL BORING
- WISDOT DISTURBANCE AREA
- EXISTING RIGHT OF WAY
- TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM ESRI WORLD IMAGREY LAYER.
2. PARCEL BOUNDARIES FROM SAUK COUNTY GIS.
3. DWG LINEWORK FROM WISDOT # 5637-02-71 (4/2023).

N

1:240
1" = 20'

0 20 40 FEET

PROJECT:
WISDOT PROJECT #5637-02-01
SAUK COUNTY, WISCONSIN

TITLE:
DETAILED SITE MAP
HESSELBERG PROPERTY/JOHNSEN INSURANCE AGENCY
BARABOO, WI

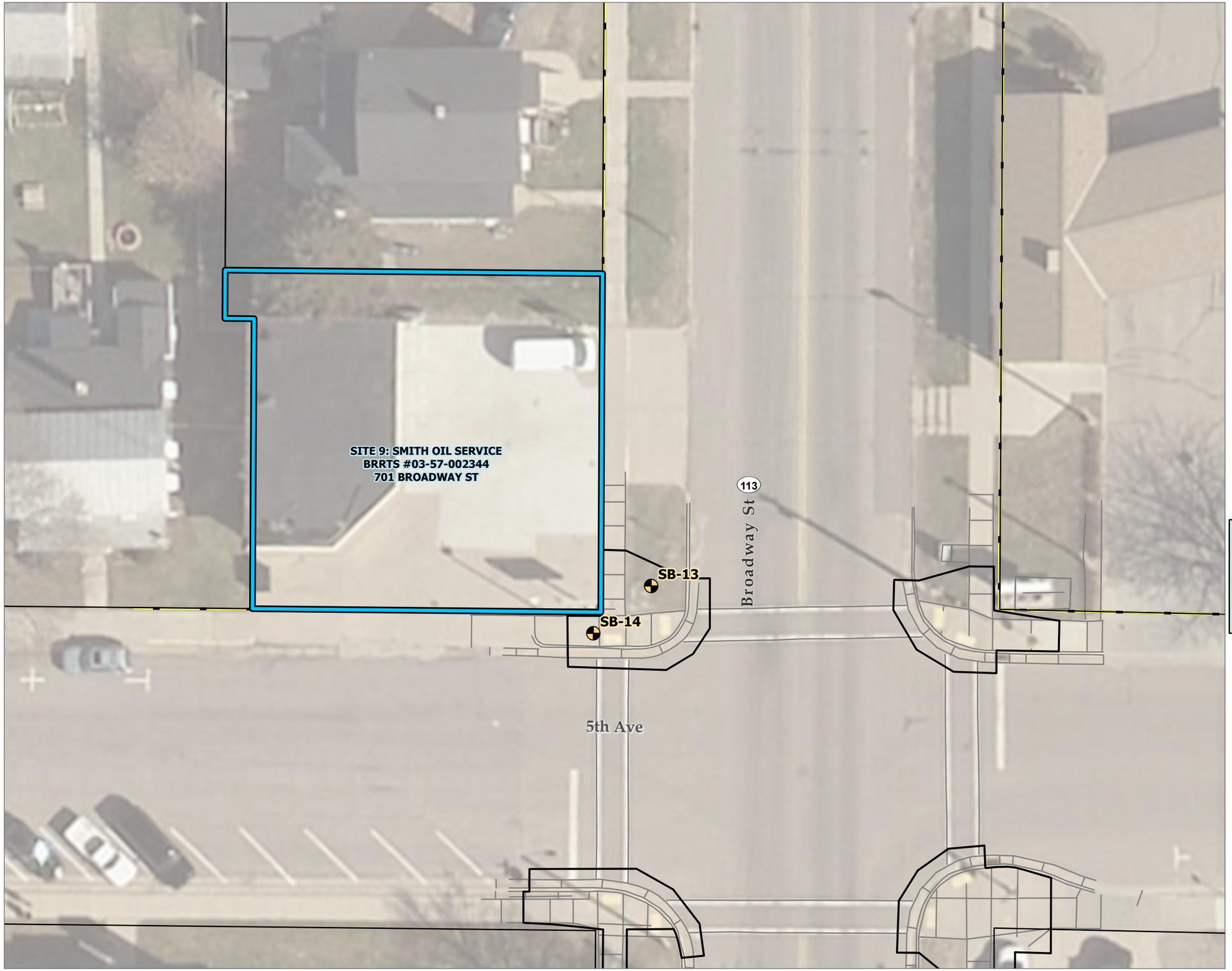
DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		
APPROVED BY:	D. HAAK		
DATE:	JANUARY 2024		

FIGURE 3.6

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

Coordinate System: NAD 1983 HARN WISCRS Sauk County Feet; Map Rotation: 0
Saved By: AADAIR on 1/22/2024 08:16:23 AM; File Path: T:\PROJECTS\WI_DOT\2023_531779_SaukCo\2-APRX\531779_SaukCo.aprx; Layout Name: FIG 3s

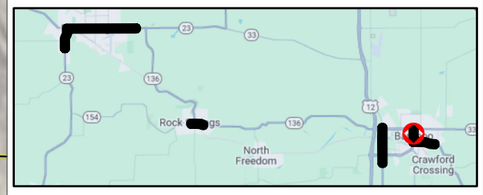


LEGEND

- SITE OF CONCERN FROM MODIFIED PHASE I
- SOIL BORING
- WISDOT DISTURBANCE AREA
- EXISTING RIGHT OF WAY
- TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM ESRI WORLD IMAGREY LAYER.
2. PARCEL BOUNDARIES FROM SAUK COUNTY GIS.
3. DWG LINEWORK FROM WISDOT # 5637-02-71 (4/2023).



N

1:240
1" = 20'

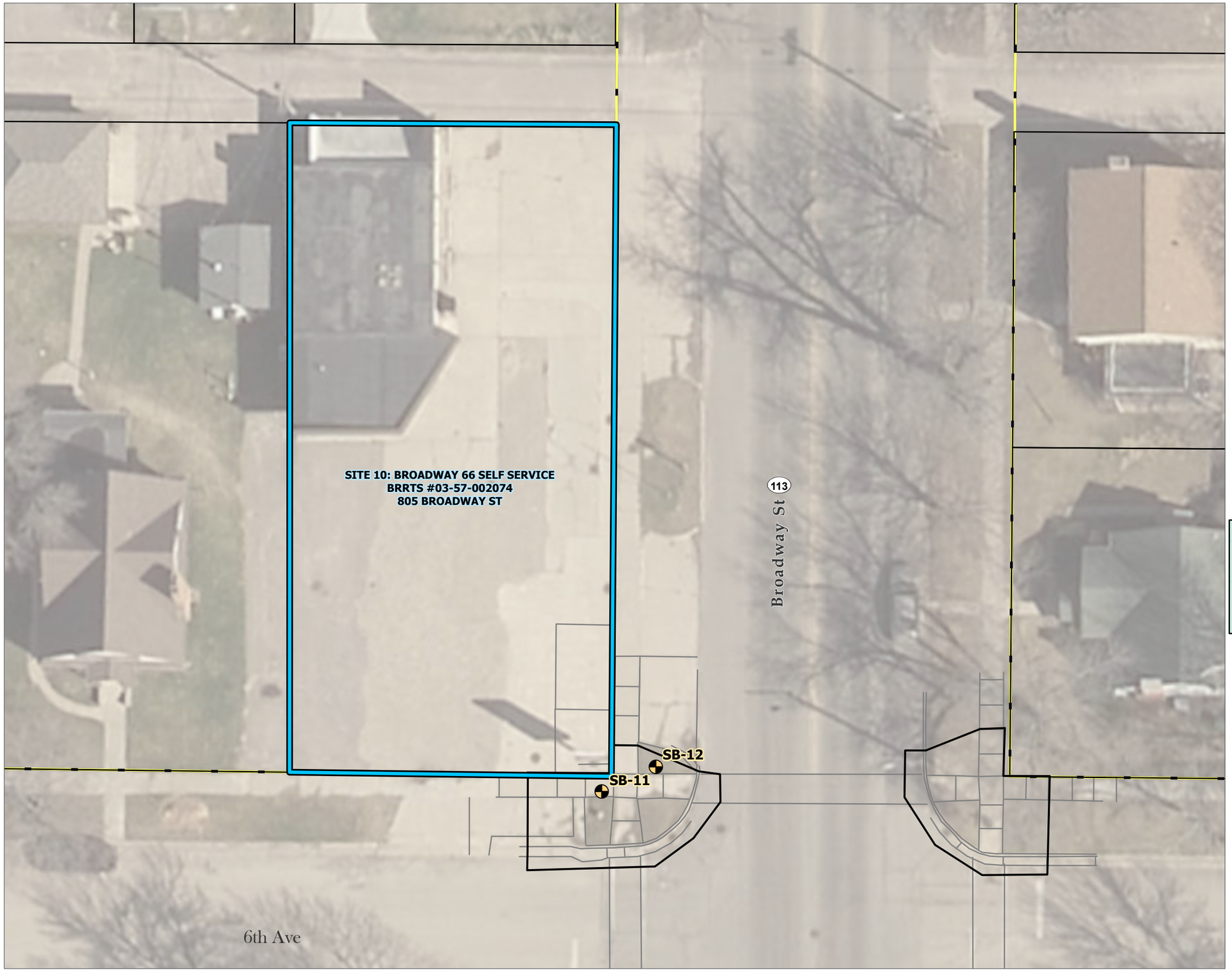
0 20 40 FEET

PROJECT:	WISDOT PROJECT #5637-02-01 SAUK COUNTY, WISCONSIN
TITLE:	DETAILED SITE MAP SMITH OIL SERVICE BARABOO, WI
DRAWN BY: A. ADAIR	PROJ. NO.: 531779
CHECKED BY: E. LAWSON	FIGURE 3.7
APPROVED BY: D. HAAK	
DATE: JANUARY 2024	

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

Coordinate System: NAD 1983 HARN WISCRS Sauk County Feet Map Rotation: 0
Saved By: AADAIR on 1/22/2024 08:12:2 AM File Path: T:\PROJECTS\WI_DOT\2023_531779_SaukCo\2-APRX\531779_SaukCo.aprx Layout Name: FIG 3s



LEGEND

- SITE OF CONCERN FROM MODIFIED PHASE I
- SOIL BORING
- WISDOT DISTURBANCE AREA
- EXISTING RIGHT OF WAY
- TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM ESRI WORLD IMAGREY LAYER.
2. PARCEL BOUNDARIES FROM SAUK COUNTY GIS.
3. DWG LINEWORK FROM WISDOT # 5637-02-71 (4/2023).

N

1:240
1" = 20'

0 20 40 FEET

PROJECT:
WISDOT PROJECT #5637-02-01
SAUK COUNTY, WISCONSIN

TITLE:
DETAILED SITE MAP
BROADWAY 66 SELF SERVICE
BARABOO, WI

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		
APPROVED BY:	D. HAAK		
DATE:	JANUARY 2024		

FIGURE 3.8

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

Coordinate System: NAD 1983 HARN WISCRS Sauk County Feet; Map Rotation: 0
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East St

Water St 113

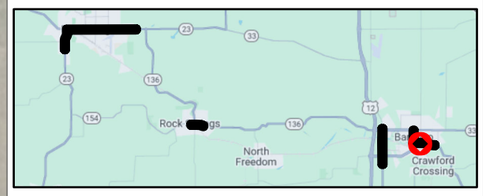
SITE 11: VEOLIA ENVIRONMENTAL SERVICES FORMER
BRRTS #02-57-556945 and 06-57-556947
300 WATER ST

LEGEND

- SITE OF CONCERN FROM MODIFIED PHASE I
- WISDOT DISTURBANCE AREA
- EXISTING RIGHT OF WAY
- TAX PARCEL

NOTES:

1. BASE MAP IMAGERY FROM ESRI WORLD IMAGREY LAYER.
2. PARCEL BOUNDARIES FROM SAUK COUNTY GIS.
3. DWG LINEWORK FROM WISDOT # 5637-02-71 (4/2023).
4. NO SOIL SAMPLING PERFORMED OR RECCOMMENDED.



N

1:600
1" = 50'

0 50 100 FEET

PROJECT:
WISDOT PROJECT #5637-02-01
SAUK COUNTY, WISCONSIN

TITLE:
SOIL BORING LOCATIONS
VEOLIA ENVIRONMENTAL SERVICES FORMER
BARABOO, WI

DRAWN BY:	A. ADAIR	PROJ. NO.:	531779
CHECKED BY:	E. LAWSON		
APPROVED BY:	D. HAAK		
DATE:	JANUARY 2024		

FIGURE 3.9

TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
PHONE: 608.826.3663

FILE: 531779_SaukCo.aprx

Coordinate System: NAD 1983 HARN WISCRS Sauk County Feet; Map Rotation: 0
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Appendix A: Construction Plans

PROJECT ID: 5637-02-71

WITH: N/A

COUNTY: SAUK

ORDER OF SHEETS

TOTAL SHEETS =

N

DESIGN DESIGNATION

A.A.D.T.	N/A	=	N/A
A.A.D.T.	N/A	=	N/A
D.H.V.		=	N/A
D.D.		=	N/A
T.		=	N/A
DESIGN SPEED		=	N/A
ESALS		=	N/A

CONVENTIONAL SYMBOLS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE
LIMITED EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
FENCE
GUARD RAIL
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE (To be noted as such) — ROCK
MARSH AREA
WOODED OR SHRUB AREA
STREAM OR WATER EDGE
BUSH
PINE TREE — (SIZE)
TREE — (SIZE)
TRAFFIC SIGNAL CONTROL CABINET
TRAFFIC SIGNAL
TRAFFIC SIGNAL MAST-ARM
TRAFFIC SIGNAL WITH LIGHT
EXISTING PULL BOX
BOLLARD

COMBUSTIBLE FLUIDS
UNDERGROUND UTILITIES GAS
SANITARY SEWER
STORM SEWER
WATER
ELECTRIC
TELEPHONE
FIBER OPTIC
CABLE TELEVISION
FORCE MAIN
MANHOLE
UTILITY PEDESTAL
FIBER OPTIC HAND HOLE
POWER POLE
TELEPHONE POLE
RAILROAD
HYDRANT
LIGHT POLE
RAILROAD SIGNAL
SIGN
TRANSMISSION TOWER
VALVE
CURB STOP
EXISTING CULVERT
PROPOSED CULVERT (Box or Pipe)

CAUTION
(SIZE) G
(SIZE) SAN
(SIZE) SS
(SIZE) W
E
T
FO
TV
FM
MH
HH
(TYPE)
CS
(SIZE, TYPE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5637-02-71		

SOUTHWEST REGION ADA CURB RAMPS

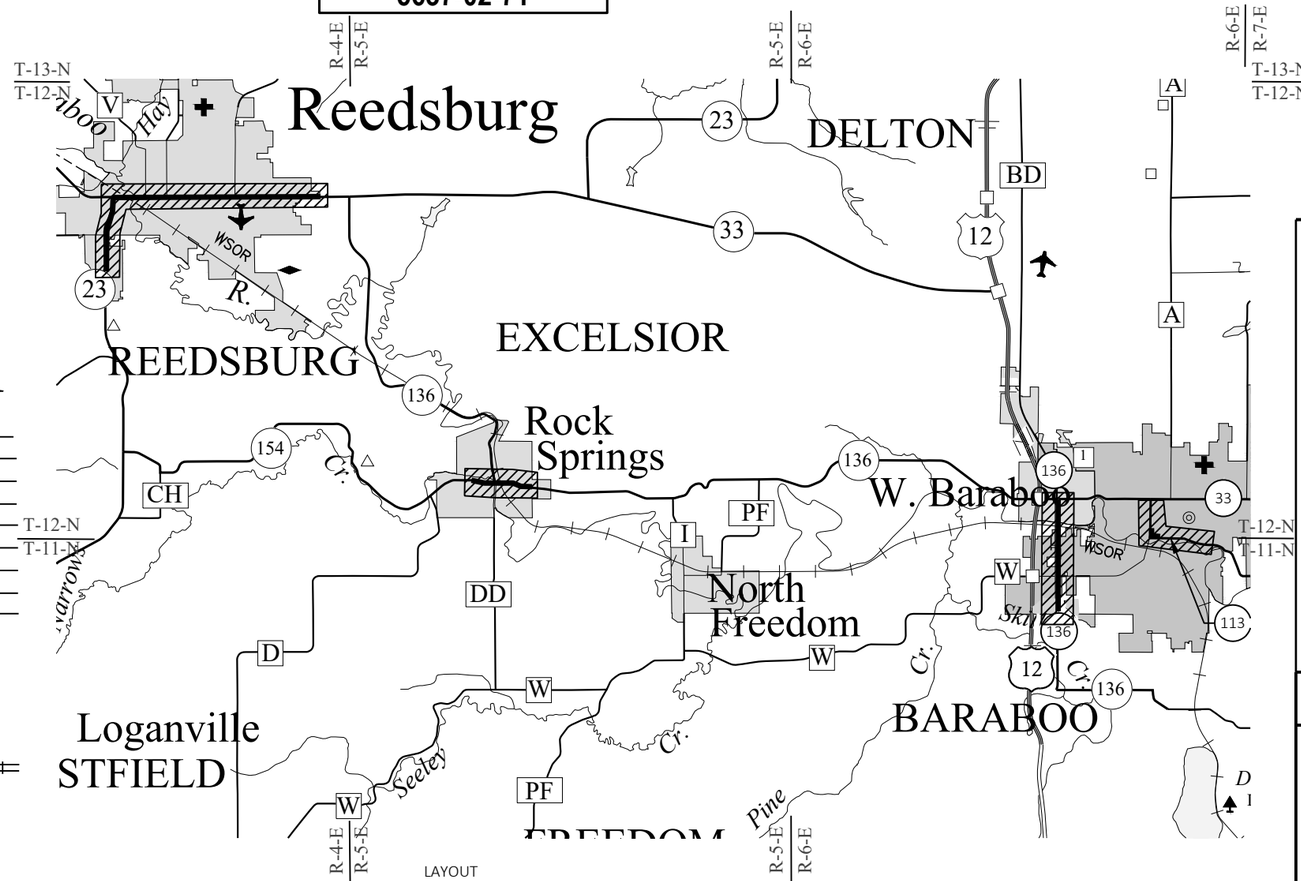
SAUK COUNTY VARIOUS LOCATIONS

STH 23

SAUK COUNTY

STATE PROJECT NUMBER

5637-02-71



LAYOUT

SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 0.000 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), SAUK COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

PLANS APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS

APRIL 17, 2023

ORIGINAL PLANS PREPARED BY

raSmith
CREATIVITY BEYOND ENGINEERING
rasmith.com

(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	raSmith
Designer	raSmith
Project Manager	Chris Hazard
Regional Examiner	SW Region
Regional Supervisor	Kurt Johnson

APPROVED FOR THE DEPARTMENT

DATE: _____ (Signature)

1078-1

E

2

STANDARD ABBREVIATIONS

AC	ASPHALTIC CEMENT
ADJ	ADJUST
AEW	APRON ENDWALL
BAD	BASE AGGREGATE DENSE
CFS	CUBIC FEET PER SECOND
CL	CLASS
CMCP	CORRUGATED METAL CULVERT PIPE
CMP	CORRUGATED METAL PIPE
CPRC	CULVERT PIPE REINFORCED CONCRETE
DWF	DETECTABLE WARNING FIELD
FPS	FEET PER SECOND
HP	HIGH POINT
HW	HIGH WATER
LP	LOW POINT
MAX	MAXIMUM
OH	OVERHEAD
OPT	OPTIONAL
PSF	POUNDS PER SQUARE FOOT

GENERAL NOTES

1. EROSION CONTROL DEVICES ARE AT SUGGESTED LOCATIONS. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE CONTRACTORS ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR UNTIL THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
2. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.
3. RE-TOPSOIL GRADED AREAS, AS DESIGNATED BY THE ENGINEER, IMMEDIATELY AFTER GRADING IS COMPLETED WITHIN THOSE AREAS. SOD AND FERTILIZE TOPSOILED AREAS, AS DESIGNATED BY THE ENGINEER, WITHIN FIVE (5) CALENDAR DAYS AFTER PLACEMENT OF TOPSOIL. IF GRADED AREAS ARE TO BE LEFT EXPOSED FOR MORE THAN FOURTEEN (14) CALENDAR DAYS, SEED THOSE AREAS WITH TEMPORARY SEED AND MULCH.
4. STOCKPILE EXCESS MATERIAL OR SPOILS ON UPLAND AREAS AWAY FROM WETLANDS, FLOODPLAINS, AND WATERWAYS. STOCKPILED SOIL SHALL BE PROTECTED AGAINST EROSION. IF STOCKPILED MATERIAL IS TO BE LEFT FOR MORE THAN FOURTEEN (14) CALENDAR DAYS, RESTORE THE STOCKPILE WITH TEMPORARY SEED AND MULCH.
5. RESHAPE, RESTORE, AND FINISH ALL PREVIOUSLY GRASSED AREAS DISTURBED OUTSIDE THE NORMAL CONSTRUCTION LIMITS AT NO EXPENSE TO THE DEPARTMENT.
6. PLACE TOPSOIL 1 INCH BELOW TOP OF ADJACENT CONCRETE CURBS OR SIDEWALKS IN SOD AREAS.
7. THE LOCATION OF EXISTING UTILITY INSTALLATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THERE ARE OTHER UTILITY INSTALLATIONS IN THE AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL COORDINATE THEIR ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA.
8. ALL CURB AND GUTTER RADII ARE MEASURED TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
9. VERIFY EXISTING PAVEMENT ELEVATIONS AT ALL TIE-INS TO EXISTING PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER IF A DISCREPANCY IS FOUND BETWEEN PROPOSED PLAN ELEVATIONS AND EXISTING PAVEMENT ELEVATIONS.
10. SAWCUT EXISTING ASPHALT AND CONCRETE PAVEMENT AT THE MATCHLINE INDICATED ON THE PLANS UNLESS OTHERWISE IDENTIFIED IN THE PLAN OR AS DIRECTED BY THE ENGINEER.
11. OUTSIDE OF CURB RAMP OPENING LOCATIONS, CONSTRUCT INSIDE EDGE OF SIDEWALK 1/2-INCH HIGHER THAN TOP OF CURB WHEN THEY ARE ADJACENT TO EACH OTHER.
12. FOR CURB RAMP DESIGN CRITERIA OUTSIDE OF ADA OR STANDARD DETAIL DRAWING REQUIREMENTS, SEE TECHNICAL INFEASIBILITY MEMO.

ORDER OF SECTION 2 SHEETS

*NOT INCLUDED FOR PLANS TO UTILITIES

DESIGNER CONTACT

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DNR LIAISON

WISCONSIN DNR SOUTHERN REGION
ANDREW BARTA
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
(608) 275-3308
andrew.barta@wisconsin.gov

WISCONSIN DOT DESIGN PROJECT MANAGER

WISCONSIN DOT SOUTHWEST REGION
CHRISTOPHER HAZARD, PE.
2101 WRIGHT STREET
MADISON, WI 53704-2559
(608) 245-2652
christopher.hazard@dot.wi.gov

UTILITY CONTACTS

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cc WPLRoadPlans@AlliantEnergy.com

GAS

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cc WPLRoadPlans@AlliantEnergy.com

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TRANS 220 MAILBOX
dl-ATCDONotifications@atcllc.com

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relocations@brightspeed.com

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szibell@ci.reedsburg.wi.us

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PLYMOUTH, WI 53073
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NORTHERN NATURAL GAS COMPANY
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klas@rucls.net

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cc CHTR_WI_CONST@charter.com

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SPRINT COMMUNICATIONS
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SKANDIA, MI 49885
(513) 462-7221
Steven.Hughes1@T-Mobile.com

SEWER

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JENNIFER ROLOFF
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PO BOX 26
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(608) 522-5700
Clerk-Treasurer@RockSpringsWI.gov

WATER

VILLAGE OF ROCK SPRINGS - SEWER
JENNIFER ROLOFF
251 RAILROAD STREET
PO BOX 26
ROCK SPRINGS, WI 53961
(608) 522-5700
Clerk-Treasurer@RockSpringsWI.gov

SEWER

VILLAGE OF WEST BARABOO - SEWER
OWEN MERGEN
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WEST BARABOO, WI 53913
(608) 356-2516
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WATER

VILLAGE OF WEST BARABOO - WATER
OWEN MERGEN
500 CEDAR ST
WEST BARABOO, WI 53913
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o.mergen@villageofwestbaraboo.us

COMMUNICATIONS

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OTHER CONTACTS

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ELECTRIC

VILLAGE OF WEST BARABOO - ELECTRIC
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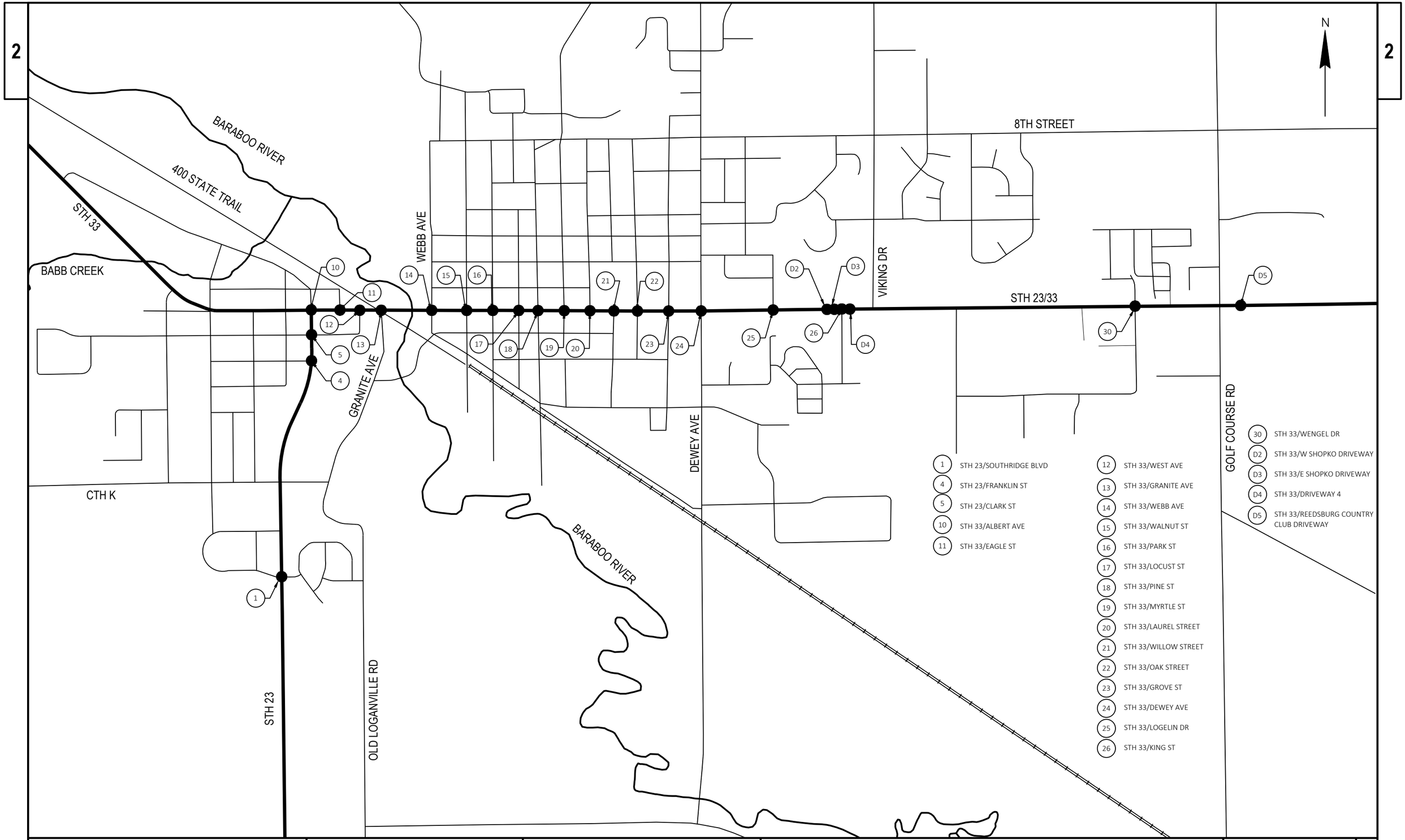
(608) 356-2516
o.mergen@villageofwestbaraboo.us

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

APPROVED FOR THE DESIGN OF UTILITY ADJUSTMENTS - APRIL 17, 2023



PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	PROJECT OVERVIEW - REEDSBURG	SHEET 1078-3	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\020201-PO.DWG
LAYOUT NAME - 01

PLOT DATE : 4/4/2023 6:19 AM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

2

N

33 STH 154 / PARK ST
34 STH 154/1ST ST
35 STH136/RIVER STREET
39 STH 136/RAILROAD ST
40 STH 136 / MADISON ST
41 STH 136/MONTGOMERY ST
43 STH 136 / HOLTZ ST

OAK ST
ELM ST
MAPLE ST
BARABOO RIVER
NARROWS CREEK
WISDOT RAILROAD CROSSING #178149H
STH 154 / W BROADWAY
STH 136 / E BROADWAY
PARK ST
1ST ST
CTH DD / RIVER ST
RAILROAD ST
WISCONSIN & SOUTHERN RAILROAD
MADISON ST
MONTGOMERY ST
BENDER ST
SMYTHE ST
HOLTZ ST

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	PROJECT OVERVIEW - ROCK SPRINGS	SHEET 1078-4	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\020201-PO.DWG
LAYOUT NAME - 02
PLOT DATE : 4/4/2023 6:19 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

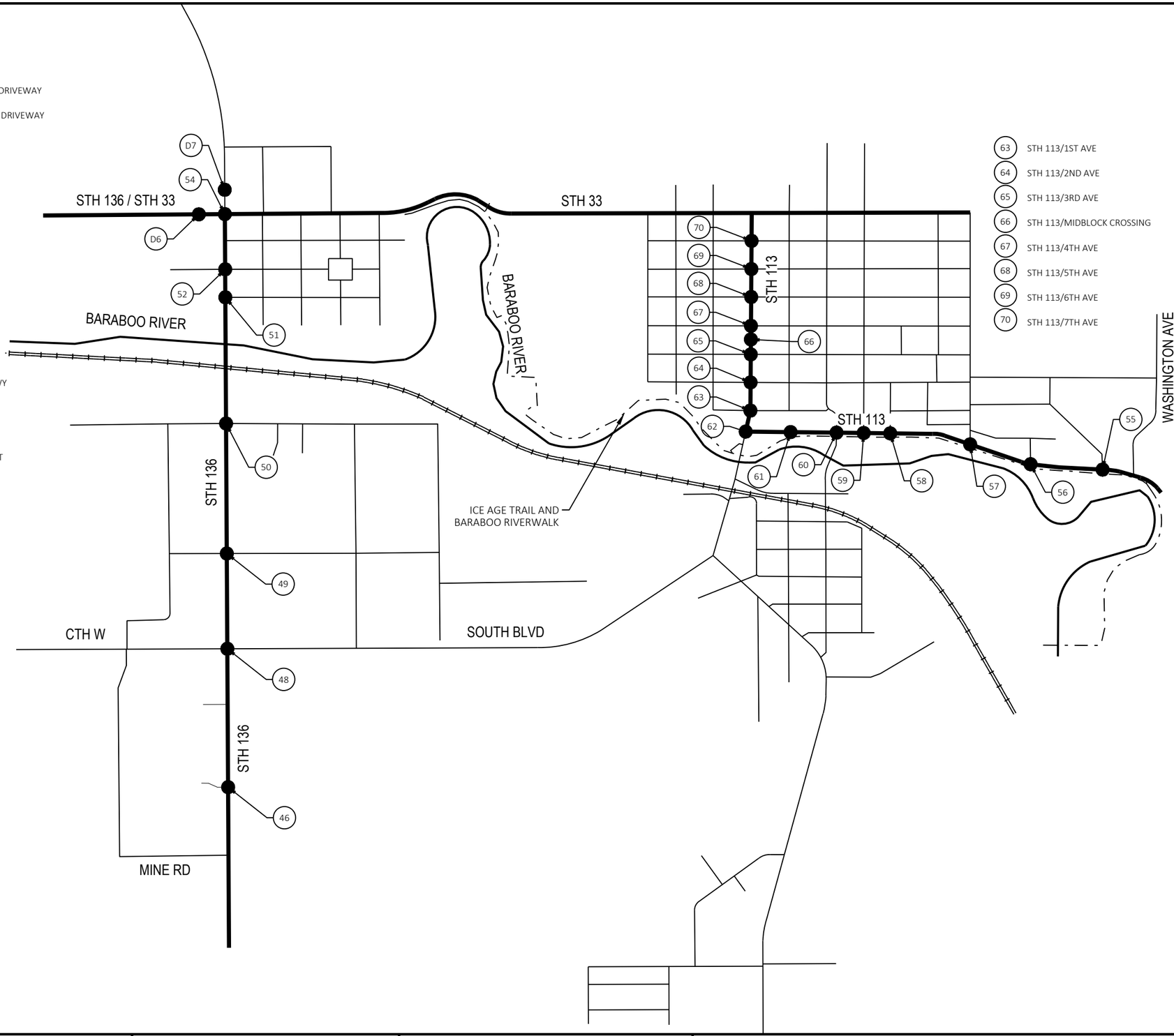
N

D6 STH 33/W WALGREENS DRIVEWAY
D7 STH 136/N WALGREENS DRIVEWAY

46 STH 136 / MENARDS DWY
48 STH 136 / SOUTH BLVD
49 STH 136/SAUK AVE
50 STH 136 / CARPENTER ST
51 STH 136 / LOCUST ST
52 STH 136 / TINKAM TR
54 STH 136/STH 33

55 STH 113/MOUND ST
56 STH 113/LITCHFIELD LN
57 STH 113/ELIZABETH ST
58 STH 113/ROSALINE ST
59 STH 113/EAST ST
60 STH 113/ASH ST
61 STH 113/ICE AGE TRAIL CROSSING
62 STH 113/BROADWAY ST

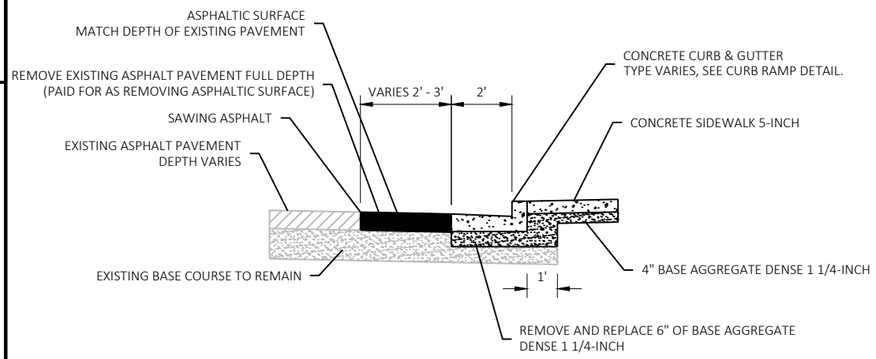
63 STH 113/1ST AVE
64 STH 113/2ND AVE
65 STH 113/3RD AVE
66 STH 113/MIDBLOCK CROSSING
67 STH 113/4TH AVE
68 STH 113/5TH AVE
69 STH 113/6TH AVE
70 STH 113/7TH AVE



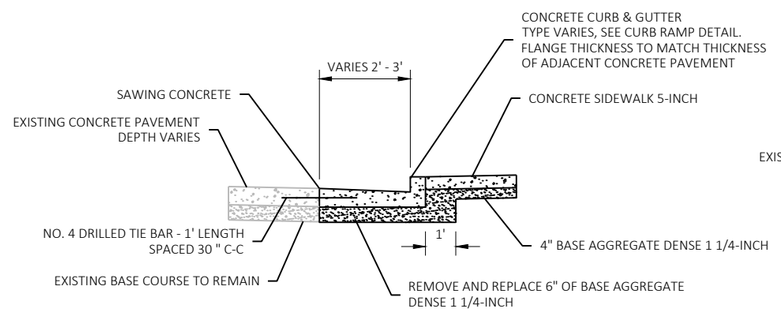
PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	PROJECT OVERVIEW - BARABOO	SHEET 1078-5	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\020201-PO.DWG
LAYOUT NAME - 03
PLOT DATE : 4/4/2023 6:19 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:400 FT

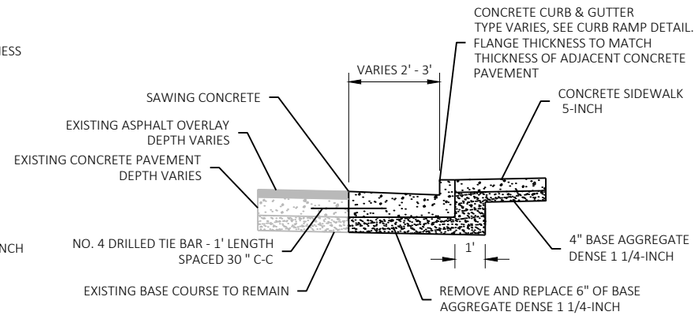
2



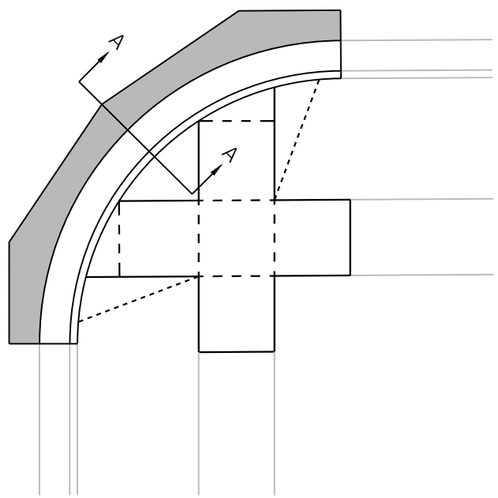
SECTION A-A



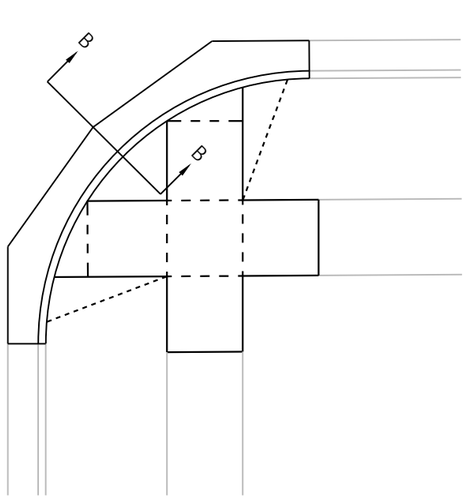
SECTION B-B



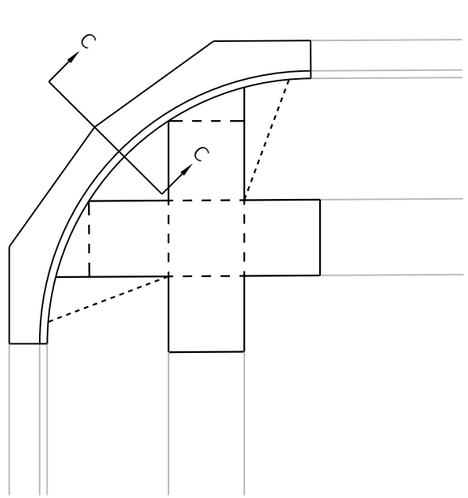
SECTION C-C



CURB & GUTTER REPLACEMENT
ADJACENT TO ASPHALT PAVEMENT



CURB & GUTTER REPLACEMENT
ADJACENT TO CONCRETE PAVEMENT



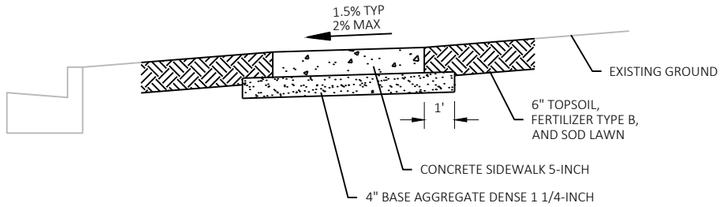
CURB & GUTTER REPLACEMENT
ADJACENT TO CONCRETE PAVEMENT
WITH ASPHALT OVERLAY

NOTES:
1. SEE CURB RAMP DETAILS FOR GUTTER PAN SLOPES.
2. INSTALL 2 DRILLED TIE BARS AT EACH CONNECTION TO EXISTING CURB & GUTTER

CURB & GUTTER REPLACEMENT DETAILS

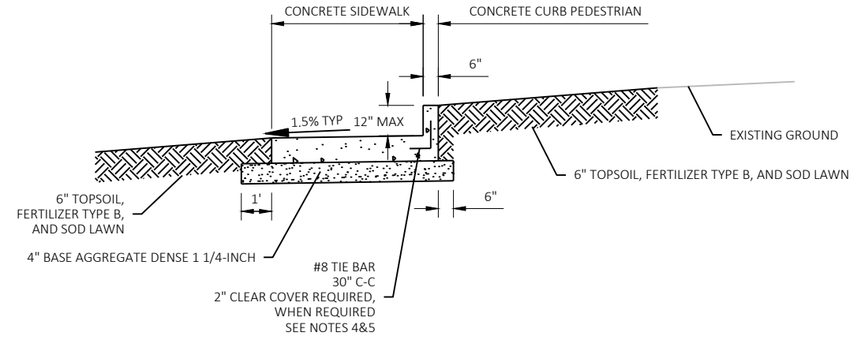
PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CONSTRUCTION DETAILS	SHEET 1078-6	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021001-CD.DWG
LAYOUT NAME - 01
PLOT DATE : 4/4/2023 6:19 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



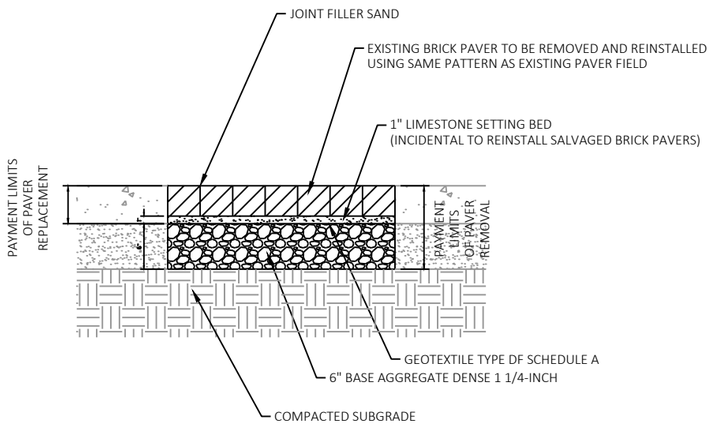
TYPICAL SIDEWALK SECTION

NOTES:
1. PAYMENT FOR ALL EXCAVATION, EMBANKMENT, EARTH BACKFILL, TOPSOIL, FERTILIZER, AND SOD SHALL BE PAID FOR USING THE BID ITEMS GRADING SHAPING & FINISHING CURB RAMP ONE RAMP OR GRADING SHAPING & FINISHING CURB RAMP TWO RAMPS
2. PAYMENT FOR CONCRETE SIDEWALK AND BASE AGGREGATE DENSE SHALL BE PAID FOR USING STANDARD BID ITEMS



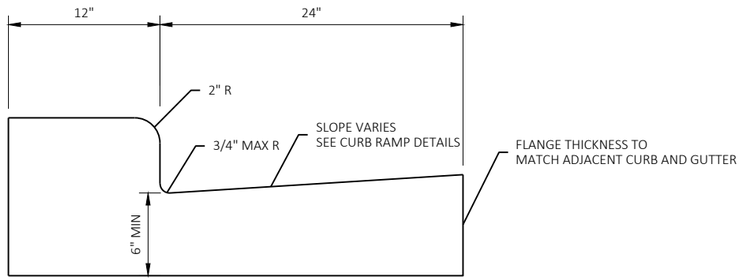
CONCRETE CURB PEDESTRIAN SECTION

NOTES:
1. PAYMENT FOR ALL EXCAVATION, EMBANKMENT, EARTH BACKFILL, TOPSOIL, FERTILIZER, AND SOD SHALL BE PAID FOR USING THE BID ITEMS GRADING SHAPING & FINISHING CURB RAMP ONE RAMP OR GRADING SHAPING & FINISHING CURB RAMP TWO RAMPS
2. PAYMENT FOR CONCRETE CURB PEDESTRIAN SHALL BE MADE USING THE BID ITEM CONCRETE CURB PEDESTRIAN
3. THE HEIGHT OF THE CURB SHALL VARY BETWEEN 0 INCHES AND 12 INCHES BASED ON THE GRADES SHOWN ON THE CURB RAMP DETAILS.
4. WHEN THE HEIGHT OF THE PEDESTRIAN CURB IS GREATER THAN 6 INCHES IN HEIGHT THE CURB SHALL BE POURED MONOLITHICALLY WITH THE CONCRETE SIDEWALK AND SHALL BE TIED TO THE SIDEWALK USING A #8 TIE BAR SPACED 30" CENTER TO CENTER. THE TIE BARS ARE INCIDENTAL TO THE CONCRETE CURB PEDESTRIAN.
5. WHEN THE HEIGHT OF THE PEDESTRIAN CURB IS 6 INCHES OR LESS IT MAY BE POURED MONOLITHICALLY WITH THE CONCRETE SIDEWALK OR POURED SEPARATELY. WHEN POURED SEPARATELY EXPANSION FELT IS REQUIRED BETWEEN THE CONCRETE SIDEWALK AND CONCRETE CURB PEDESTRIAN. TIE BARS ARE NOT REQUIRED WHEN THE HEIGHT OF THE PEDESTRIAN CURB IS 6 INCHES OR LESS.



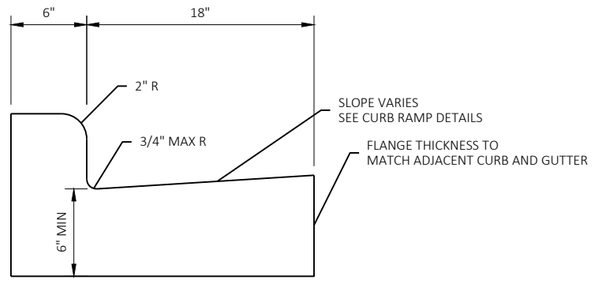
REMOVE, SALVAGE, AND REINSTALL BRICK PAVER TYPICAL SECTION

NOTES:
1. CONTRACTOR TO PHOTOGRAPH EACH PAVER FIELD PRIOR TO PAVER REMOVAL AND PROVIDE ENGINEER WITH COPY OF PHOTO FOR EACH FIELD TO VERIFY EXISTING PATTERN AND ANY DAMAGE TO EXISTING PAVERS.
2. PAVERS DAMAGED BY CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR FOR NO ADDITIONAL COMPENSATION.
3. PAYMENT FOR ALL EXCAVATION, EMBANKMENT, EARTH BACKFILL, TOPSOIL, FERTILIZER, AND SOD SHALL BE PAID FOR USING THE BID ITEMS GRADING SHAPING & FINISHING CURB RAMP ONE RAMP OR GRADING SHAPING & FINISHING CURB RAMP TWO RAMPS
4. PAYMENT FOR REMOVING, SALVAGING, AND REINSTALLING BRICK PAVERS, GEOTEXTILE FABRIC, AND BASE AGGREGATE DENSE SHALL BE PAID FOR USING SEPARATE BID ITEMS.



CONCRETE CURB & GUTTER 36-INCH BARABOO

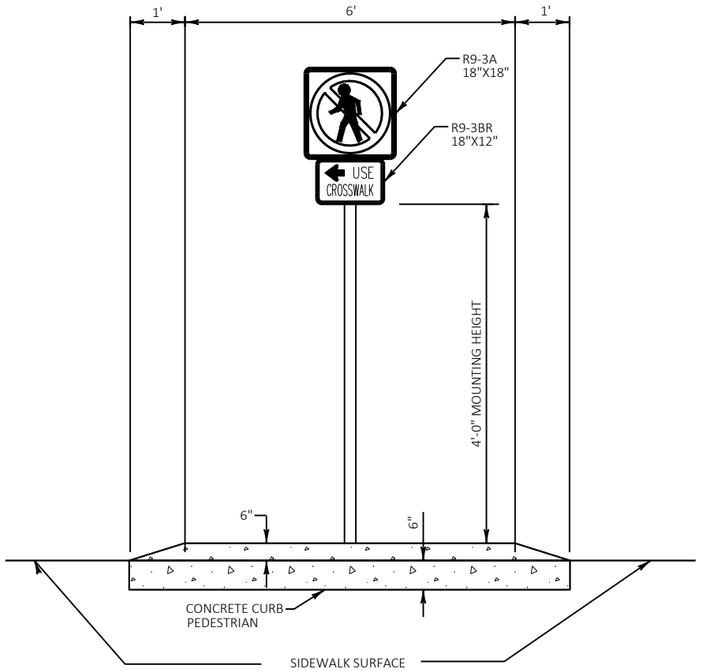
SEE CURB RAMP DETAILS FOR LOCATIONS



CONCRETE CURB & GUTTER 24-INCH TYPE D

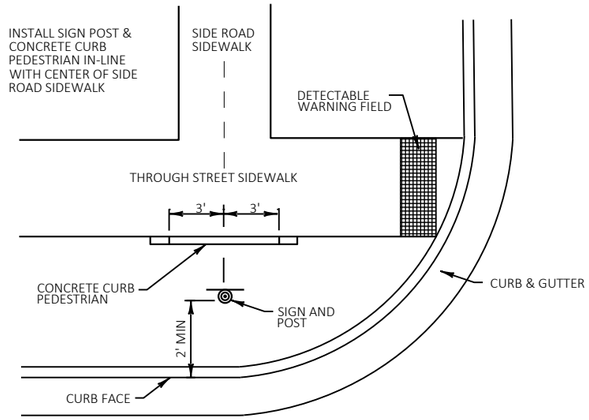
SEE CURB RAMP DETAILS FOR LOCATIONS

2



CONCRETE CURB PEDESTRIAN DETAIL

CURB ELEVATION VIEW



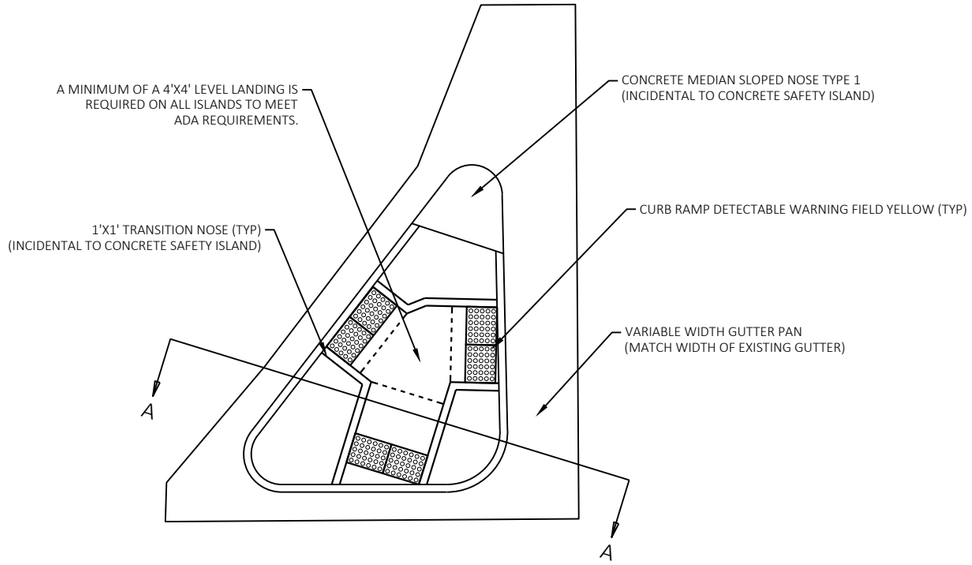
CURB AND SIGN LOCATION DETAIL

PEDESTRIAN BARRIER DETAIL

NOT TO SCALE

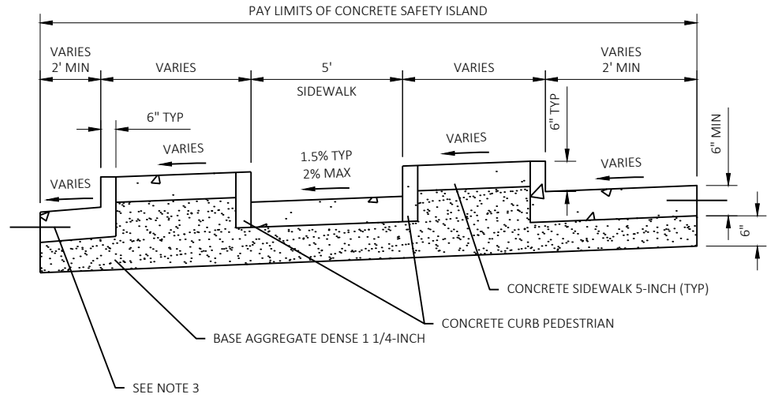
INTERSECTION 11 - STH 33 / EAGLE ST - NW QUADRANT
INTERSECTION 19 - STH 33 / MYRTLE ST - NW QUADRANT
INTERSECTION 20 - STH 33 / LAUREL ST - NW QUADRANT
INTERSECTION 21 - STH 33 / WILLOW ST - SW QUADRANT
INTERSECTION 22 - STH 33 / OAK ST - NE QUADRANT
INTERSECTION 25 - STH 33 / LOGELIN DR - NW QUADRANT
INTERSECTION 33 - STH 154 / PARK ST - SW QUADRANT
INTERSECTION 34 - STH 154 / 1ST ST - SW QUADRANT
INTERSECTION 51 - STH 136 / LOCUST ST - NE QUADRANT
INTERSECTION 57 - STH 113 / ELIZABETH ST - NW QUADRANT
INTERSECTION 58 - STH 113 / ROSALINE ST - NW QUADRANT

2



CONCRETE SAFETY ISLAND DETAIL

SEE CURB RAMP DETAILS FOR LOCATIONS



SECTION A-A

NOTES:

1. ENTIRE ISLAND INCLUDING WALKING PATH IS PAID FOR AS CONCRETE SAFETY ISLAND.
2. SIZE AND SHAPE OF INDIVIDUAL ISLANDS VARIES. SEE PLAN DETAILS FOR LAYOUT INFORMATION FOR EACH ISLAND.
3. #4 X 1' DRILLED TIE BAR SPACED AT 30" CENTER TO CENTER TO BE INSTALLED WHEN ISLAND IS CONSTRUCTED ADJACENT TO CONCRETE PAVEMENT.
4. CONCRETE SAFETY ISLAND MAY BE CONSTRUCTED AS ONE MONOLITHIC SLAB OR INDIVIDUAL SECTIONS OF CURB AND GUTTER, CONCRETE SIDEWALK, AND PEDESTRIAN CURB. PAYMENT SHALL BE THE SAME FOR BOTH METHODS OF CONSTRUCTION.
5. WALKING PATH SHALL MEET ADA REQUIREMENTS.

2

LEGEND

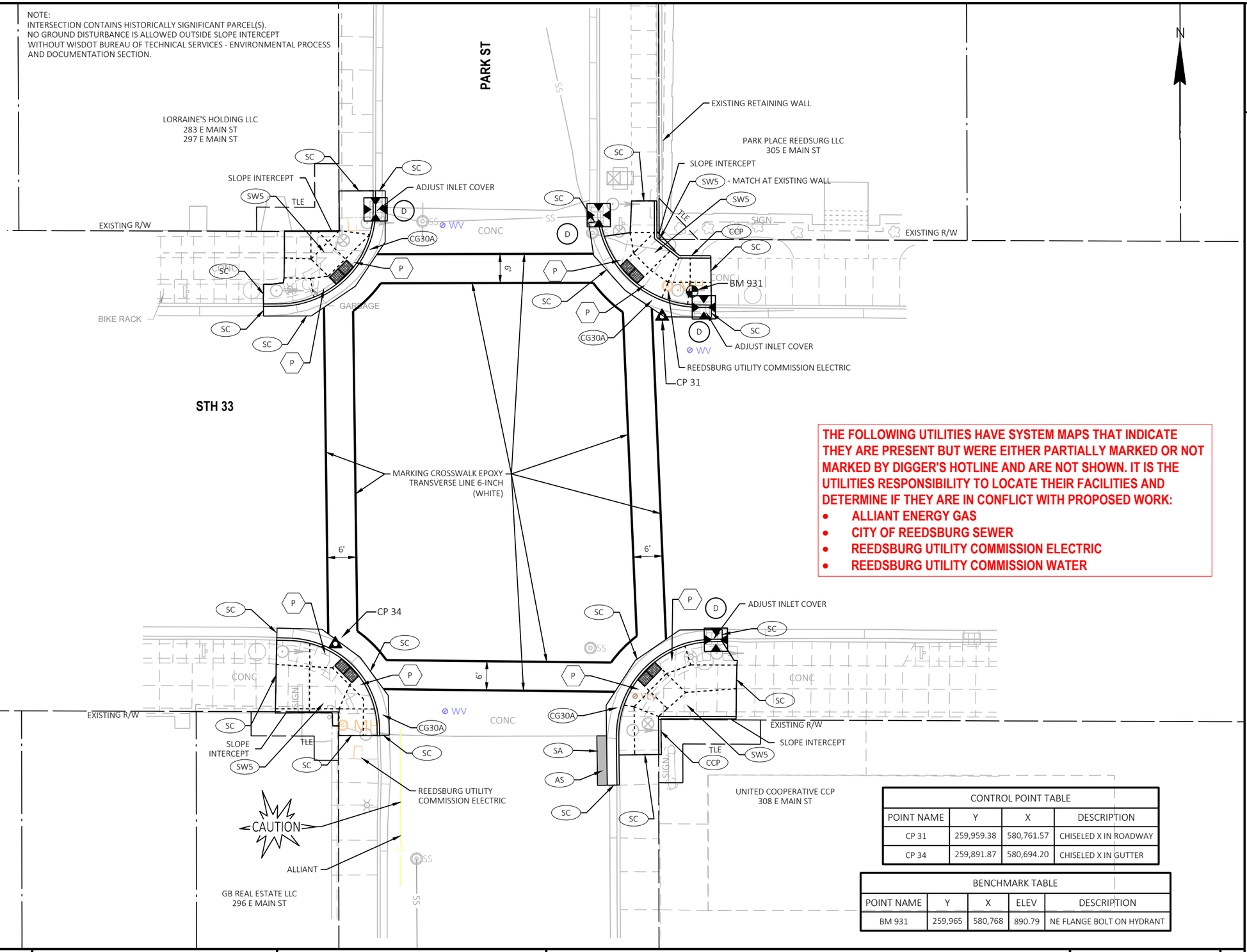
- AS — ASPHALTIC SURFACE (MATCH ADJACENT PAVEMENT DEPTH)
- CCP — CONCRETE CURB PEDESTRIAN
- CG24D — CONCRETE CURB & GUTTER 24-INCH TYPE D
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D
- CG36A — CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG36B — CONCRETE CURB & GUTTER 36-INCH BARABOO
- CP9 — CONCRETE PAVEMENT 9-INCH
- CP10 — CONCRETE PAVEMENT 10-INCH
- CSI — CONCRETE SAFETY ISLAND
- DWY7 — CONCRETE DRIVEWAY 7-INCH
- SA — SAWING ASPHALT
- SC — SAWING CONCRETE
- SOD — SOD LAWN RESTORATION
- SN01 — CONCRETE MEDIAN SLOPED NOSE TYPE 1
- SN02 — CONCRETE MEDIAN SLOPED NOSE TYPE 2
- SW5 — CONCRETE SIDEWALK 5-INCH
- G — GRADED FLARE (6:1 MAX SLOPE)
- P — PAVED FLARE (10% MAX SLOPE)
- CURB RAMP DETECTABLE WARNING FIELD YELLOW

NOTE:
SOD LAWN RESTORATION IS INCIDENTAL TO GRADING, SHAPING & FINISHING CURB RAMP OR DRIVEWAY BID ITEMS

EROSION CONTROL LEGEND

- INLET PROTECTION
- D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- SILT FENCE
- CULVERT PIPE CHECK

NOTE:
INTERSECTION CONTAINS HISTORICALLY SIGNIFICANT PARCEL(S).
NO GROUND DISTURBANCE IS ALLOWED OUTSIDE SLOPE INTERCEPT
WITHOUT WISDOT BUREAU OF TECHNICAL SERVICES - ENVIRONMENTAL PROCESS
AND DOCUMENTATION SECTION.



THE FOLLOWING UTILITIES HAVE SYSTEM MAPS THAT INDICATE THEY ARE PRESENT BUT WERE EITHER PARTIALLY MARKED OR NOT MARKED BY DIGGER'S HOTLINE AND ARE NOT SHOWN. IT IS THE UTILITIES RESPONSIBILITY TO LOCATE THEIR FACILITIES AND DETERMINE IF THEY ARE IN CONFLICT WITH PROPOSED WORK:

- **ALLIANT ENERGY GAS**
- **CITY OF REEDSBURG SEWER**
- **REEDSBURG UTILITY COMMISSION ELECTRIC**
- **REEDSBURG UTILITY COMMISSION WATER**

CONTROL POINT TABLE			
POINT NAME	Y	X	DESCRIPTION
CP 31	259,959.38	580,761.57	CHISELED X IN ROADWAY
CP 34	259,891.87	580,694.20	CHISELED X IN GUTTER

BENCHMARK TABLE				
POINT NAME	Y	X	ELEV	DESCRIPTION
BM 931	259,965	580,768	890.79	NE FLANGE BOLT ON HYDRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-37	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021101-ID-REEDSBURG.DWG
LAYOUT NAME - 16
PLOT DATE : 4/4/2023 7:41 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
A	CURB RADIUS POINT NUMBER

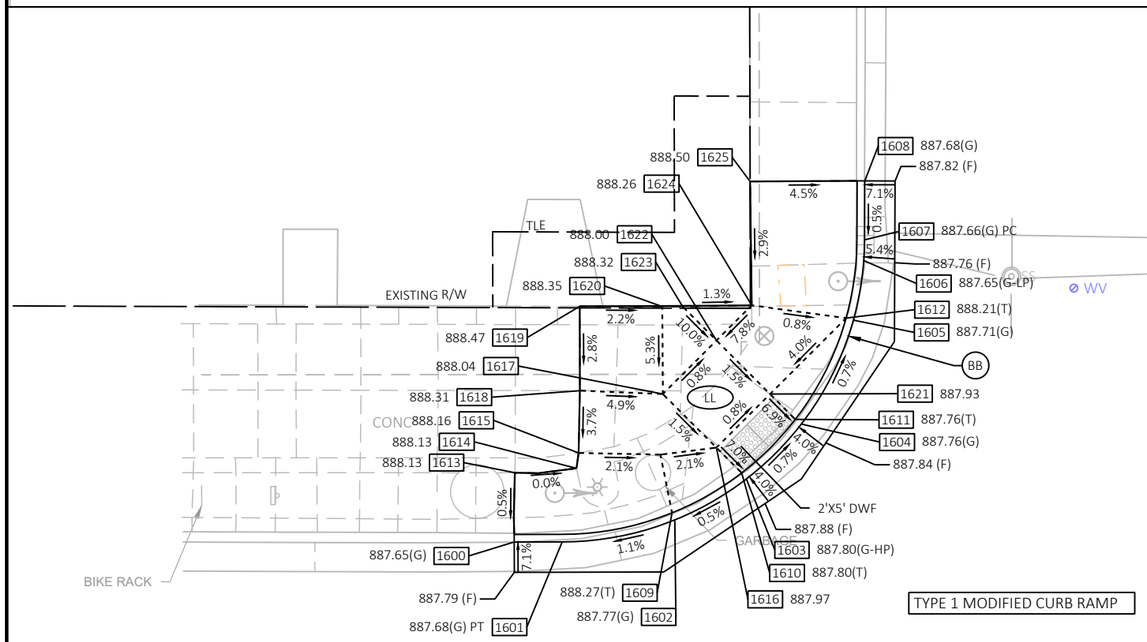
POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1600	259,961.45	580,679.38	887.65
1601	259,961.46	580,682.54	887.68
1602	259,962.91	580,689.98	887.77
1603	259,965.61	580,694.70	887.80
1604	259,969.24	580,698.32	887.76
1605	259,976.09	580,701.76	887.71
1606	259,980.03	580,702.44	887.65
1607	259,981.39	580,702.49	887.66
1608	259,985.28	580,702.51	887.68
1609	259,963.38	580,689.79	888.27
1610	259,966.01	580,694.39	887.80
1611	259,969.54	580,697.93	887.76
1612	259,976.23	580,701.28	888.21
1613	259,966.03	580,679.42	888.13
1614	259,966.32	580,683.49	888.13

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1615	259,967.33	580,683.63	888.16
1616	259,967.68	580,692.72	887.97
1617	259,971.22	580,689.19	888.04
1618	259,971.44	580,683.71	888.31
1619	259,977.01	580,683.71	888.47
1620	259,976.99	580,689.15	888.35
1621	259,971.21	580,696.26	887.93
1622	259,974.75	580,692.73	888.00
1623	259,976.98	580,690.50	888.32
1624	259,977.07	580,695.05	888.26
1625	259,985.24	580,694.95	888.50
1626	259,979.03	580,748.39	888.07
1627	259,975.75	580,749.17	888.28
1628	259,969.41	580,752.52	888.50
1629	259,965.79	580,756.09	888.56

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1630	259,962.74	580,761.35	888.59
1631	259,961.22	580,771.78	888.63
1632	259,975.90	580,749.64	888.78
1633	259,969.71	580,752.91	888.50
1634	259,966.18	580,756.40	888.56
1635	259,963.20	580,761.54	889.09
1636	259,976.65	580,754.99	888.73
1637	259,972.45	580,755.68	888.65
1638	259,968.90	580,759.20	888.72
1639	259,983.18	580,755.28	889.08
1640	259,983.20	580,759.96	889.19
1641	259,976.71	580,759.99	888.74
1642	259,972.86	580,763.21	888.80
1643	259,971.42	580,764.98	888.95
1644	259,971.41	580,767.37	889.10

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1645	259,971.40	580,771.60	889.38
1646	259,966.40	580,771.67	889.30
1647	259,966.41	580,767.35	889.08
1648	259,966.43	580,762.82	888.91
1649	259,961.24	580,768.96	888.62
16000	259,975.42	580,759.99	888.76

RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
BB	259,981.46	580,682.49	20'
BC	259,982.24	580,769.14	21'

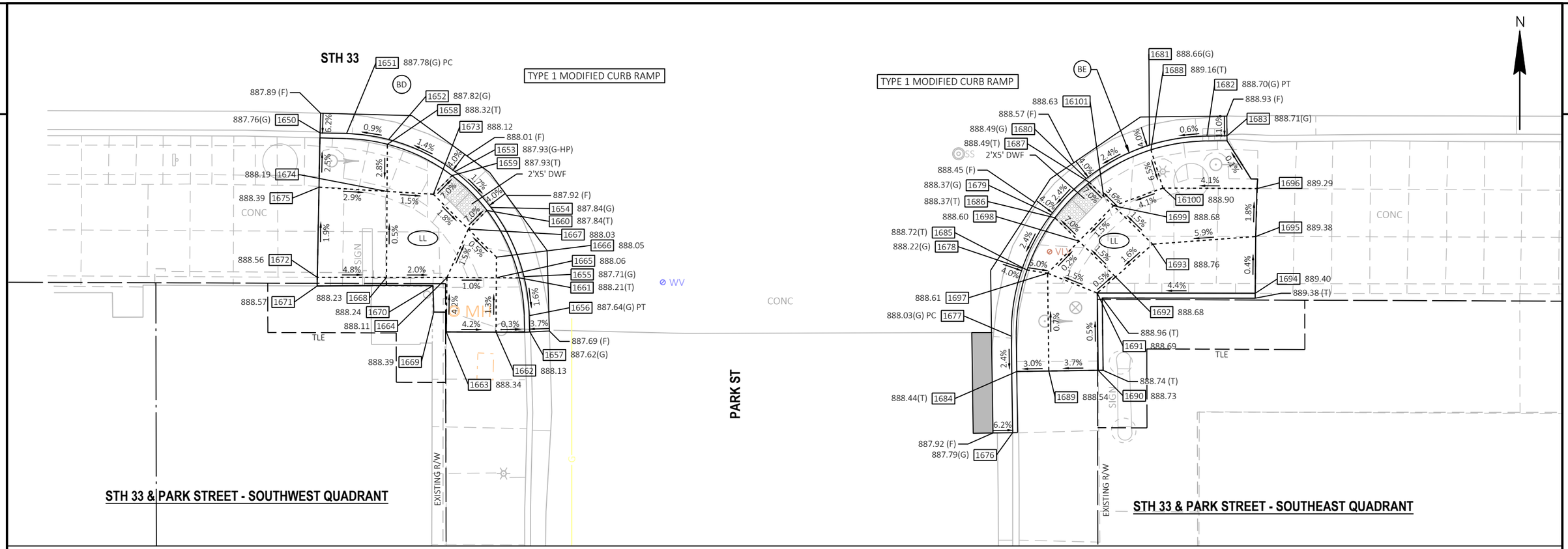


STH 33 & PARK STREET - NORTHWEST QUADRANT

STH 33 & PARK STREET - NORTHEAST QUADRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-38	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021301-CR-REEDSBURG.DWG
LAYOUT NAME - 16N
PLOT DATE : 4/4/2023 7:42 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
(LL)	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
– – – –	SLOPE INTERCEPTS
— - - —	GRADED FLARE
	DETECTABLE WARNING FIELD
(A)	CURB RADIUS POINT NUMBER

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1650	259,893.14	580,682.13	887.76
1651	259,893.07	580,684.81	887.78
1652	259,892.47	580,689.07	887.82
1653	259,889.22	580,695.78	887.93
1654	259,885.59	580,699.42	887.84
1655	259,878.58	580,702.77	887.71
1656	259,874.63	580,703.30	887.64
1657	259,873.02	580,703.35	887.62
1658	259,891.99	580,688.94	888.32
1659	259,888.82	580,695.48	887.93
1660	259,885.29	580,699.03	887.84
1661	259,878.46	580,702.28	888.21
1662	259,872.96	580,699.95	888.13
1663	259,872.99	580,694.91	888.34
1664	259,878.49	580,694.98	888.11

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1665	259,878.48	580,699.98	888.06
1666	259,880.57	580,699.99	888.05
1667	259,883.40	580,697.14	888.03
1668	259,878.51	580,688.85	888.23
1669	259,874.99	580,693.65	888.39
1670	259,877.68	580,693.56	888.24
1671	259,877.64	580,681.83	888.57
1672	259,878.51	580,681.85	888.56
1673	259,886.93	580,693.60	888.12
1674	259,887.22	580,688.91	888.19
1675	259,887.64	580,682.02	888.39
1676	259,862.78	580,752.26	887.79
1677	259,872.55	580,752.13	888.03
1678	259,879.42	580,753.24	888.22
1679	259,884.85	580,756.14	888.37

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1680	259,888.52	580,759.72	888.49
1681	259,891.90	580,766.11	888.66
1682	259,892.83	580,771.93	888.70
1683	259,892.85	580,773.97	888.71
1684	259,868.98	580,752.68	888.44
1685	259,879.26	580,753.72	888.72
1686	259,884.55	580,756.54	888.37
1687	259,888.12	580,760.03	888.49
1688	259,891.42	580,766.26	889.16
1689	259,869.03	580,755.92	888.54
1690	259,869.09	580,760.92	888.73
1691	259,876.92	580,760.82	888.69
1692	259,878.56	580,762.68	888.68
1693	259,881.87	580,766.44	888.76
1694	259,876.90	580,776.82	889.40

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1695	259,882.65	580,776.87	889.38
1696	259,887.51	580,777.00	889.29
1697	259,878.93	580,755.80	888.61
1698	259,882.18	580,758.97	888.60
1699	259,885.76	580,762.46	888.68
16100	259,887.56	580,767.48	888.90
16101	259,886.73	580,761.47	888.63

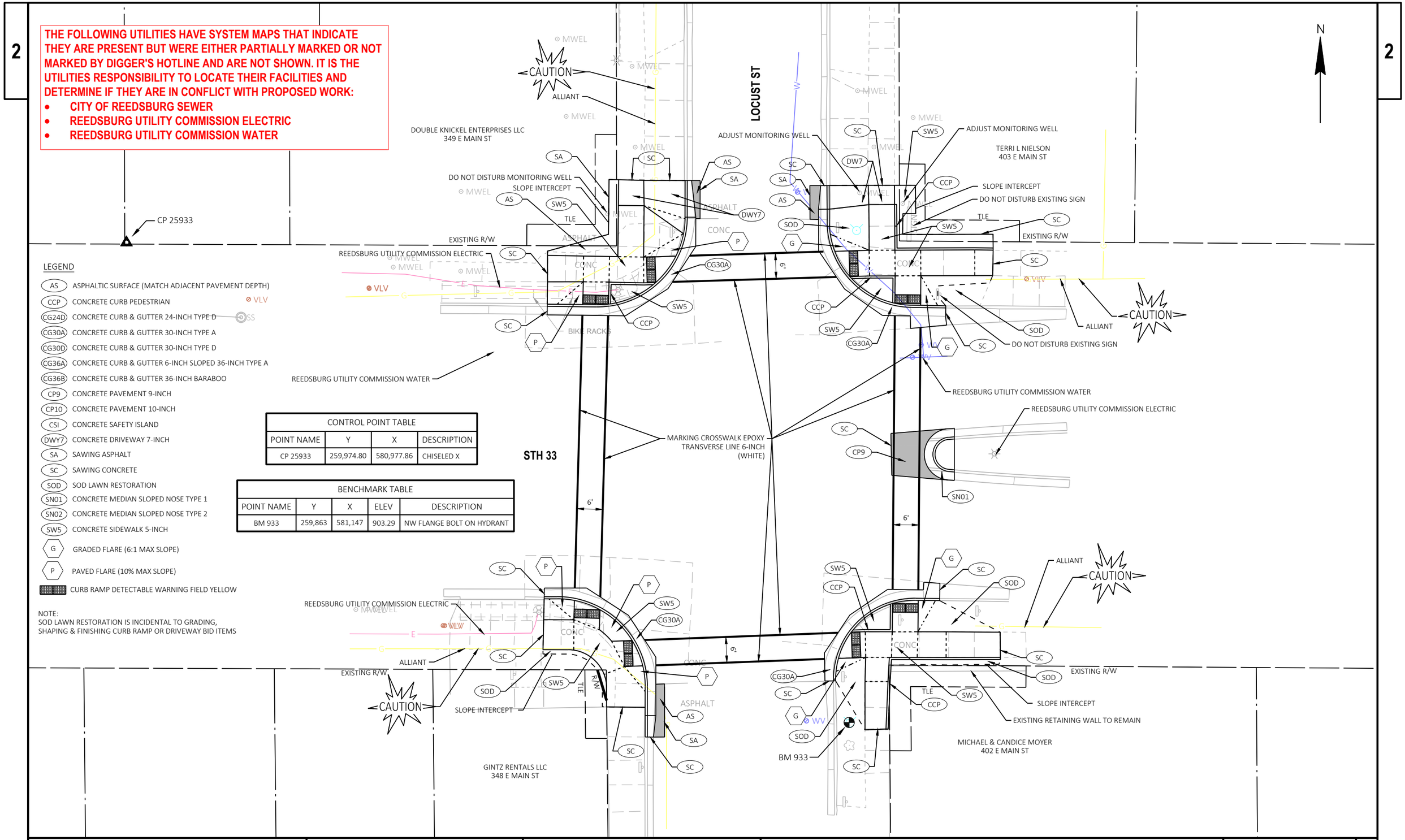
RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
BD	259,874.08	580,684.31	19'
BE	259,872.83	580,772.12	20'

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-39	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021301-CR-REEDSBURG.DWG
LAYOUT NAME - 16S
PLOT DATE : 4/4/2023 7:43 AM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : 1 IN:10 FT

THE FOLLOWING UTILITIES HAVE SYSTEM MAPS THAT INDICATE THEY ARE PRESENT BUT WERE EITHER PARTIALLY MARKED OR NOT MARKED BY DIGGER'S HOTLINE AND ARE NOT SHOWN. IT IS THE UTILITIES RESPONSIBILITY TO LOCATE THEIR FACILITIES AND DETERMINE IF THEY ARE IN CONFLICT WITH PROPOSED WORK:

- **CITY OF REEDSBURG SEWER**
- **REEDSBURG UTILITY COMMISSION ELECTRIC**
- **REEDSBURG UTILITY COMMISSION WATER**



LEGEND

AS	ASPHALTIC SURFACE (MATCH ADJACENT PAVEMENT DEPTH)
CCP	CONCRETE CURB PEDESTRIAN
CG24D	CONCRETE CURB & GUTTER 24-INCH TYPE D
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
CG36A	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
CG36B	CONCRETE CURB & GUTTER 36-INCH BARABOO
CP9	CONCRETE PAVEMENT 9-INCH
CP10	CONCRETE PAVEMENT 10-INCH
CSI	CONCRETE SAFETY ISLAND
DWY7	CONCRETE DRIVEWAY 7-INCH
SA	SAWING ASPHALT
SC	SAWING CONCRETE
SOD	SOD LAWN RESTORATION
SN01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN02	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SW5	CONCRETE SIDEWALK 5-INCH
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10% MAX SLOPE)
	CURB RAMP DETECTABLE WARNING FIELD YELLOW

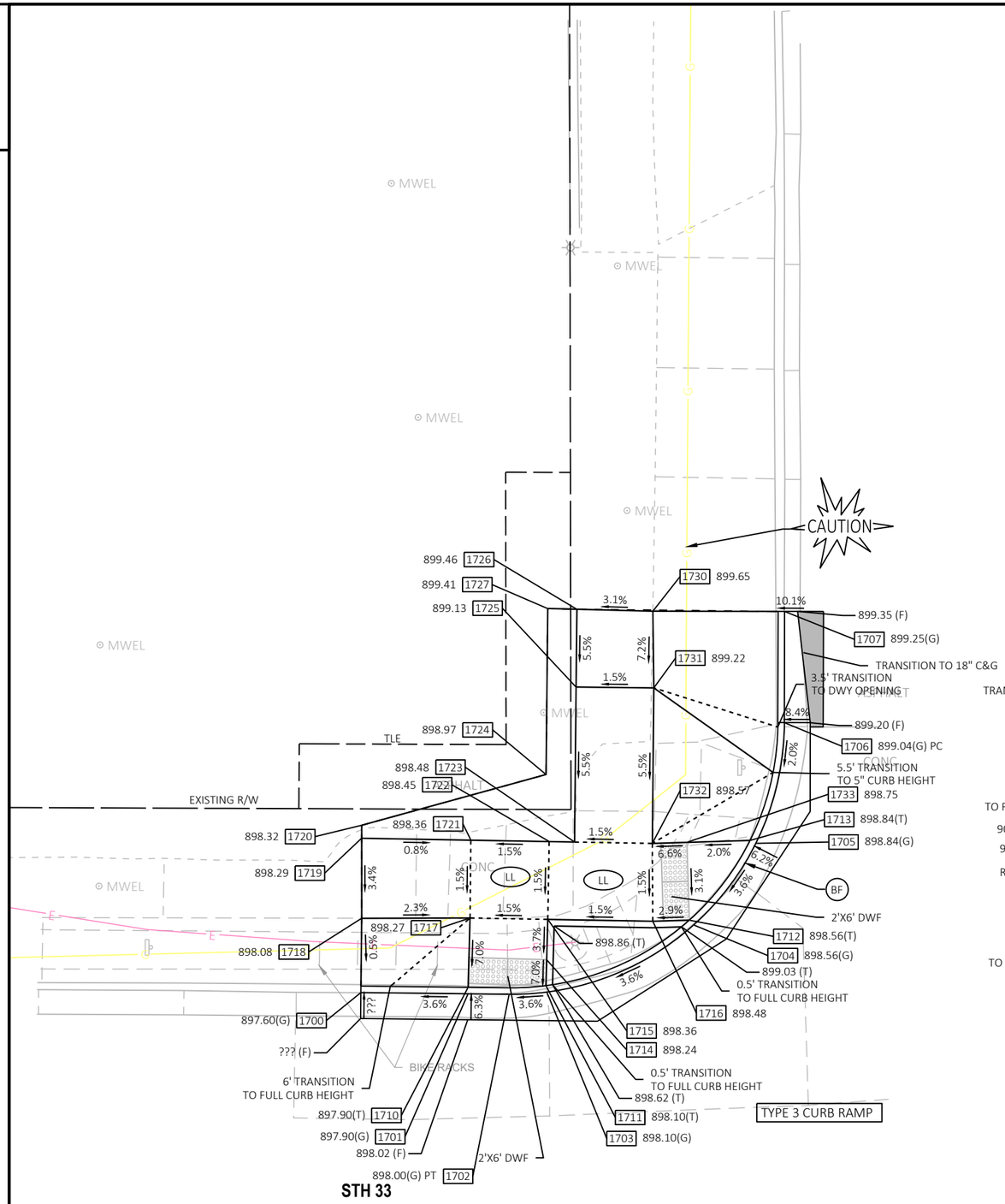
NOTE:
SOD LAWN RESTORATION IS INCIDENTAL TO GRADING, SHAPING & FINISHING CURB RAMP OR DRIVEWAY BID ITEMS

CONTROL POINT TABLE			
POINT NAME	Y	X	DESCRIPTION
CP 25933	259,974.80	580,977.86	CHISELED X

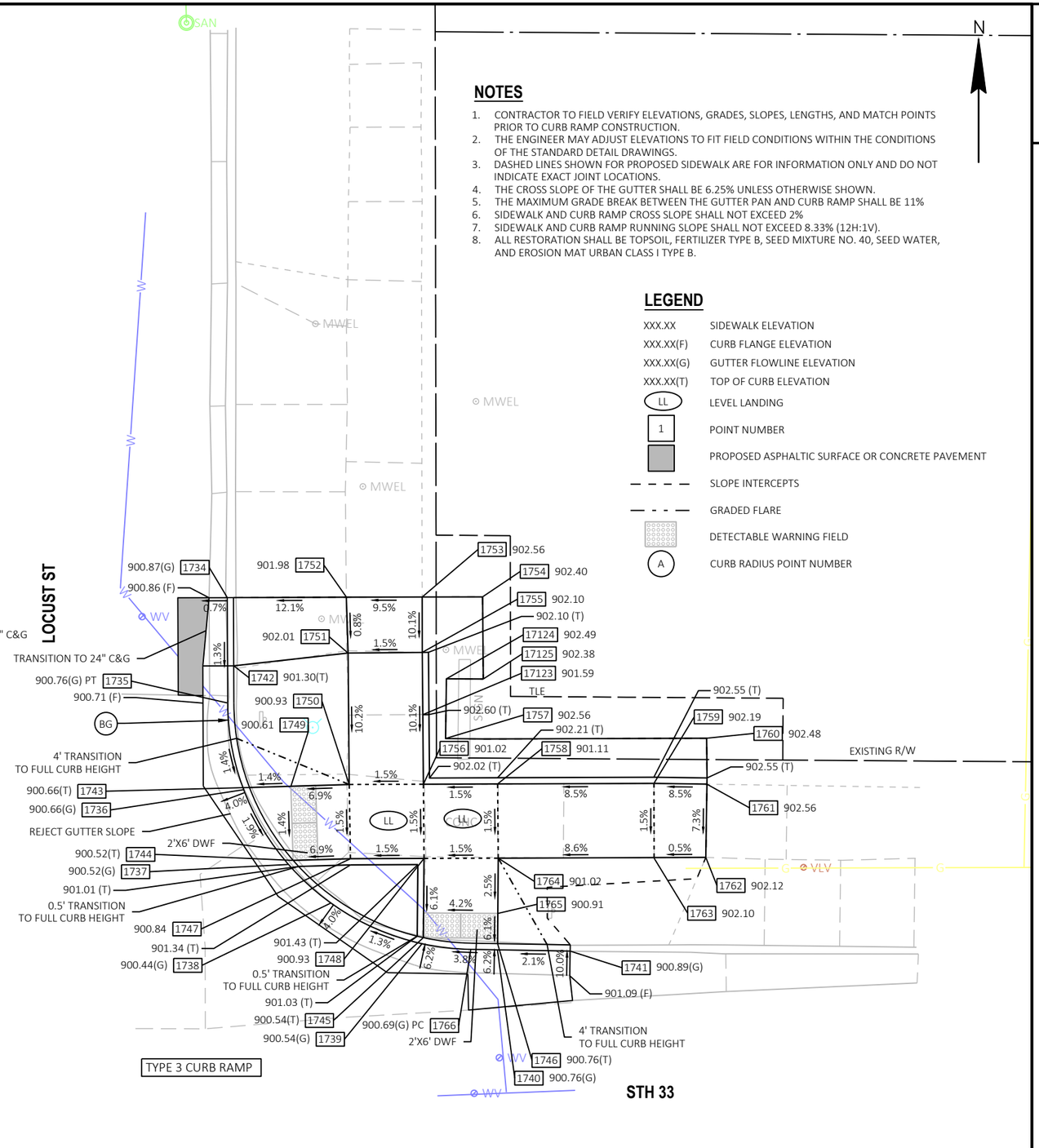
BENCHMARK TABLE				
POINT NAME	Y	X	ELEV	DESCRIPTION
BM 933	259,863	581,147	903.29	NW FLANGE BOLT ON HYDRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-40	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021101-ID-REEDSBURG.DWG
LAYOUT NAME - 17
PLOT DATE : 4/4/2023 7:44 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



STH 33 & LOCUST STREET - NORTHWEST QUADRANT



STH 33 & LOCUST STREET - NORTHEAST QUADRANT

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
A	CURB RADIUS POINT NUMBER

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-41	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021301-CR-REEDSBURG.DWG
LAYOUT NAME - 17N
PLOT DATE : 4/4/2023 7:45 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

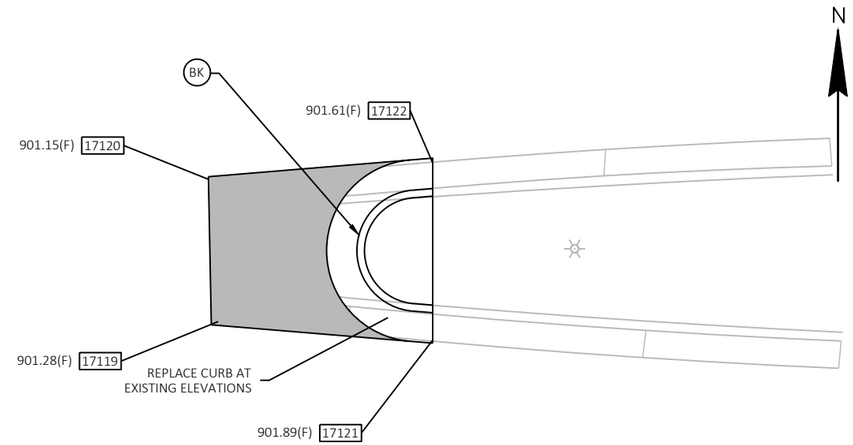
2

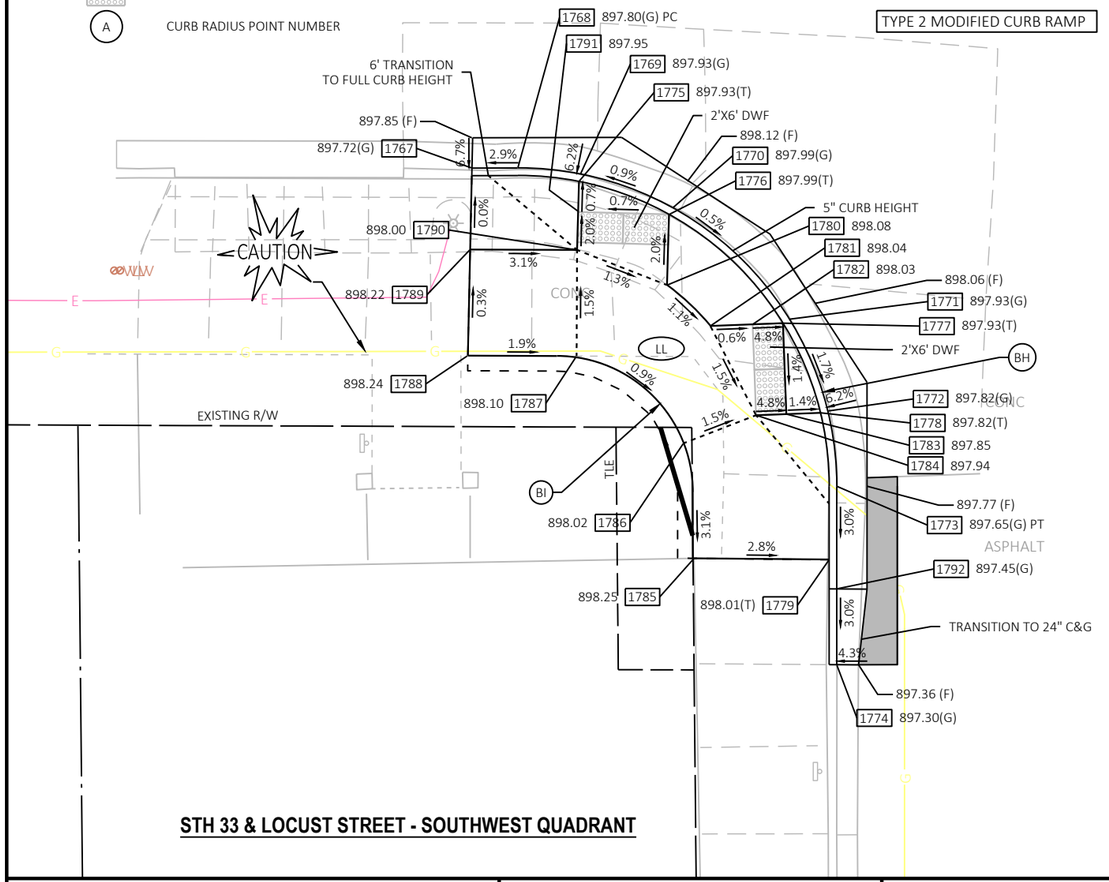
NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

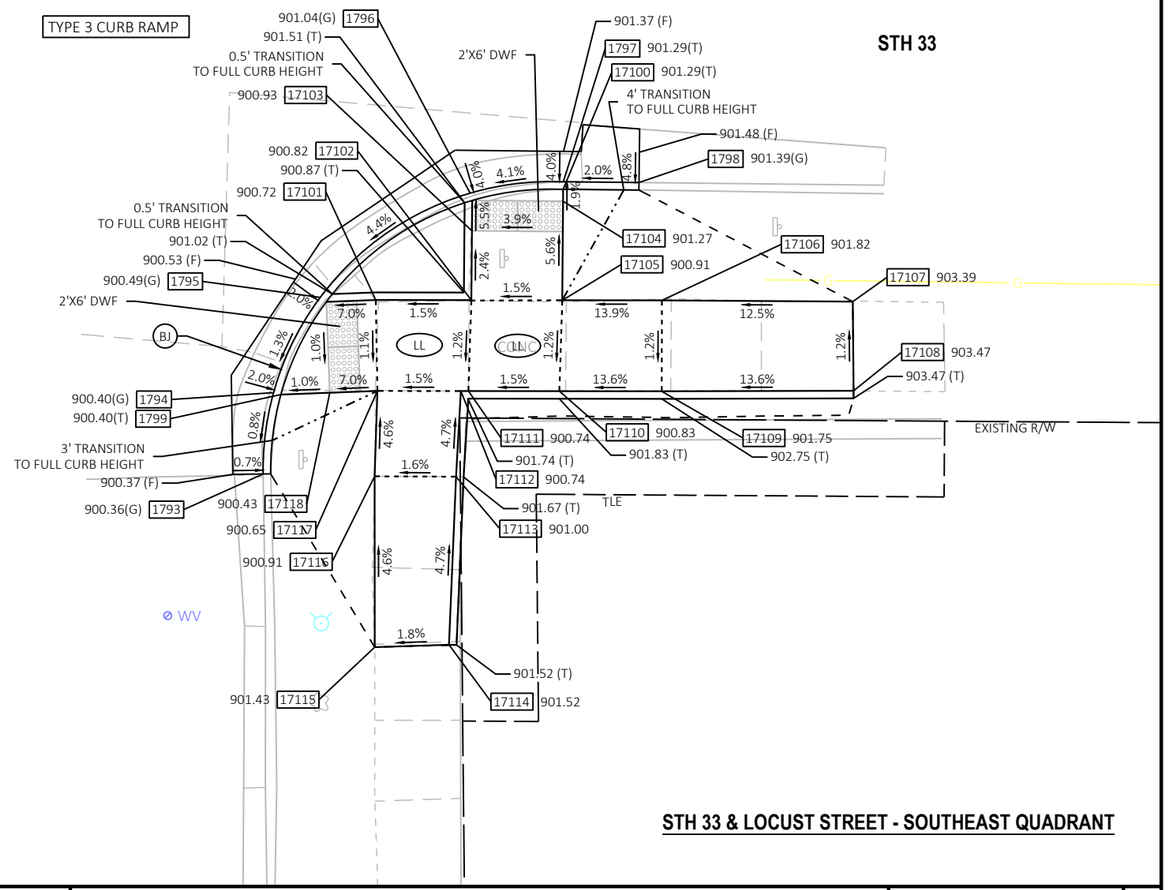
LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
(LL)	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
(A)	CURB RADIUS POINT NUMBER





LOCUST ST



STH 33 & LOCUST STREET - SOUTHWEST QUADRANT

STH 33 & LOCUST STREET - SOUTHEAST QUADRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-42	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021301-CR-REEDSBURG.DWG
LAYOUT NAME - 17S

PLOT DATE : 4/4/2023 7:45 AM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1700	259,959.92	581,076.09	897.60
1701	259,959.83	581,084.36	897.90
1702	259,959.79	581,087.53	898.00
1703	259,959.96	581,090.44	898.10
1704	259,965.14	581,101.77	898.56
1705	259,971.43	581,106.56	898.84
1706	259,980.74	581,108.77	899.04
1707	259,989.31	581,108.79	899.25
1710	259,960.33	581,084.37	897.90
1711	259,960.46	581,090.37	898.10
1712	259,965.51	581,101.43	898.56
1713	259,971.65	581,106.12	898.84
1714	259,962.46	581,090.43	898.24
1715	259,965.57	581,090.52	898.36
1716	259,965.42	581,098.61	898.48

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1717	259,965.67	581,084.52	898.27
1718	259,965.65	581,076.16	898.08
1719	259,971.82	581,076.16	898.29
1720	259,972.82	581,076.16	898.32
1721	259,971.67	581,084.58	898.36
1722	259,971.57	581,090.62	898.45
1723	259,971.53	581,092.58	898.48
1724	259,976.74	581,090.38	898.97
1725	259,983.48	581,092.70	899.13
1726	259,989.48	581,092.76	899.46
1727	259,989.53	581,090.51	899.41
1730	259,989.33	581,098.62	899.65
1731	259,983.42	581,098.70	899.22
1732	259,971.43	581,098.58	898.57
1733	259,971.51	581,101.25	898.75

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1734	259,988.13	581,141.40	900.87
1735	259,979.61	581,141.43	900.76
1736	259,972.60	581,142.72	900.66
1737	259,966.55	581,146.34	900.52
1738	259,963.43	581,149.77	900.44
1739	259,960.15	581,157.14	900.54
1740	259,959.65	581,163.24	900.76
1741	259,959.54	581,169.12	900.89
1742	259,982.62	581,141.92	901.30
1743	259,972.77	581,143.19	900.66
1744	259,966.88	581,146.72	900.52
1745	259,960.63	581,157.25	900.54
1746	259,960.15	581,163.25	900.76
1747	259,967.02	581,151.35	900.84
1748	259,967.04	581,157.30	900.93

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1749	259,972.88	581,146.54	900.61
1750	259,973.02	581,151.25	900.93
1751	259,983.65	581,151.16	902.01
1752	259,988.17	581,151.02	901.98
1753	259,988.18	581,157.15	902.56
1754	259,988.19	581,162.03	902.40
1755	259,983.70	581,157.16	902.10
1756	259,973.04	581,157.25	901.02
1757	259,976.73	581,159.05	902.56
1758	259,973.06	581,163.25	901.11
1759	259,973.10	581,175.89	902.19
1760	259,976.76	581,180.15	902.48
1761	259,973.04	581,180.18	902.56
1762	259,967.12	581,180.09	902.12
1763	259,967.10	581,175.88	902.10

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1764	259,967.06	581,163.30	901.02
1765	259,962.59	581,163.27	900.91
1766	259,959.68	581,161.08	900.69
17123	259,978.66	581,157.20	901.59
17124	259,981.56	581,159.11	902.49
17125	259,981.55	581,162.09	902.38

RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
BF	259,980.79	581,087.77	21'
BG	259,979.68	581,161.43	20'

CURB RAMP POINTS - STH 33 & LOCUST STREET - NORTHWEST & NORTHEAST QUADRANTS

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1767	259,892.15	581,075.37	897.72
1768	259,892.16	581,078.40	897.80
1769	259,891.75	581,082.54	897.93
1770	259,889.53	581,088.62	897.99
1771	259,882.18	581,096.32	897.93
1772	259,876.12	581,098.85	897.82
1773	259,871.16	581,099.44	897.65
1774	259,859.37	581,099.45	897.30
1775	259,891.26	581,082.44	897.93
1776	259,889.09	581,088.38	897.99
1777	259,881.92	581,095.89	897.93
1778	259,876.00	581,098.36	897.82
1779	259,866.31	581,098.95	898.01
1780	259,884.43	581,088.25	898.08
1781	259,881.73	581,091.11	898.04

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1782	259,881.84	581,093.90	898.03
1783	259,875.92	581,096.12	897.85
1784	259,875.84	581,094.12	897.94
1785	259,866.40	581,090.03	898.25
1786	259,874.00	581,089.34	898.02
1787	259,879.75	581,082.28	898.10
1788	259,879.78	581,075.10	898.24
1789	259,886.78	581,075.26	898.22
1790	259,886.75	581,082.31	898.00
1791	259,889.26	581,082.38	897.95
1792	259,864.38	581,099.45	897.45
1793	259,872.49	581,142.90	900.36
1794	259,877.86	581,143.59	900.40
1795	259,884.15	581,146.67	900.49
1796	259,891.02	581,156.55	901.04

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1797	259,891.78	581,162.70	901.29
1798	259,891.72	581,167.70	901.39
1799	259,877.73	581,144.07	900.40
17100	259,891.28	581,162.69	901.29
17101	259,883.97	581,150.33	900.72
17102	259,883.96	581,156.64	900.82
17103	259,888.54	581,156.68	900.93
17104	259,890.49	581,162.69	901.27
17105	259,883.96	581,162.64	900.91
17106	259,883.95	581,169.21	901.82
17107	259,883.86	581,181.81	903.39
17108	259,877.98	581,181.86	903.47
17109	259,877.95	581,169.20	901.75
17110	259,877.96	581,162.44	900.83
17111	259,877.96	581,156.44	900.74

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
17112	259,877.97	581,155.94	900.74
17113	259,872.32	581,155.62	901.00
17114	259,861.23	581,155.16	901.52
17115	259,861.07	581,150.26	901.43
17116	259,872.34	581,150.26	900.91
17117	259,877.97	581,150.44	900.65
17118	259,877.85	581,147.30	900.43
17119	259,920.70	581,156.99	901.28
17120	259,930.07	581,156.32	901.15
17121	259,919.46	581,171.11	901.89
17122	259,931.16	581,171.11	901.61

RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
BH	259,871.16	581,078.44	21'
BI	259,870.75	581,080.94	9'
BJ	259,872.79	581,161.90	19'
BK	259,925.36	581,170.11	4'

CURB RAMP POINTS - STH 33 & LOCUST STREET - SOUTHWEST , SOUTHEAST QUADRANTS, & MEDIAN

APPROVED FOR THE DESIGN OF UTILITY ADJUSTMENTS - APRIL 17, 2023

2

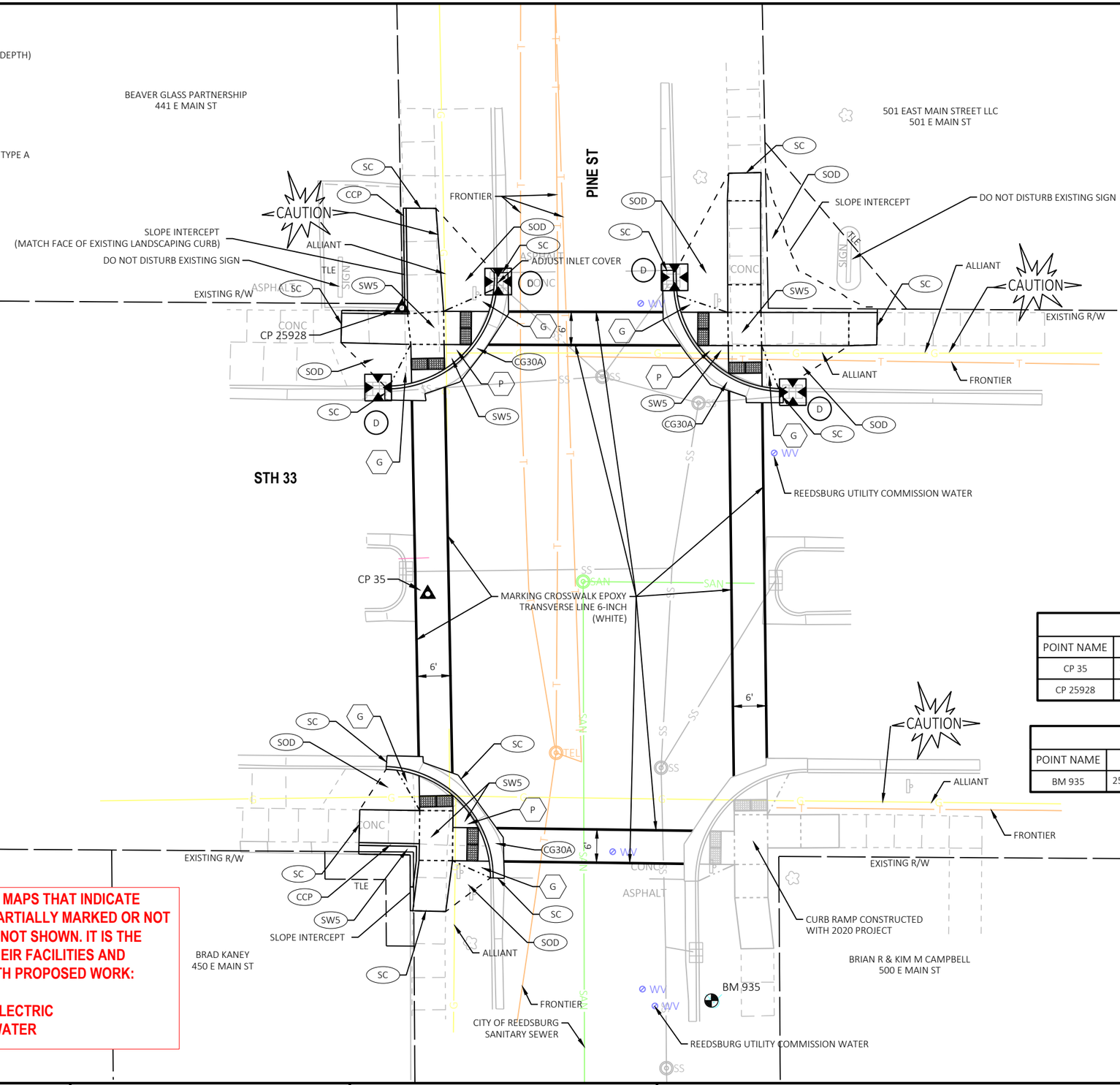
LEGEND

- AS — ASPHALTIC SURFACE (MATCH ADJACENT PAVEMENT DEPTH)
- CCP — CONCRETE CURB PEDESTRIAN
- CG24D — CONCRETE CURB & GUTTER 24-INCH TYPE D
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D
- CG36A — CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG36B — CONCRETE CURB & GUTTER 36-INCH BARABOO
- CP9 — CONCRETE PAVEMENT 9-INCH
- CP10 — CONCRETE PAVEMENT 10-INCH
- CSI — CONCRETE SAFETY ISLAND
- DWY7 — CONCRETE DRIVEWAY 7-INCH
- SA — SAWING ASPHALT
- SC — SAWING CONCRETE
- SOD — SOD LAWN RESTORATION
- SN01 — CONCRETE MEDIAN SLOPED NOSE TYPE 1
- SN02 — CONCRETE MEDIAN SLOPED NOSE TYPE 2
- SW5 — CONCRETE SIDEWALK 5-INCH
- G — GRADED FLARE (6:1 MAX SLOPE)
- P — PAVED FLARE (10% MAX SLOPE)
- CURB RAMP DETECTABLE WARNING FIELD YELLOW

NOTE:
SOD LAWN RESTORATION IS INCIDENTAL TO GRADING, SHAPING & FINISHING CURB RAMP OR DRIVEWAY BID ITEMS

EROSION CONTROL LEGEND

- INLET PROTECTION
- D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- SILT FENCE
- CULVERT PIPE CHECK



CONTROL POINT TABLE			
POINT NAME	Y	X	DESCRIPTION
CP 35	259,921.19	581,397.18	CHISELED X IN ROADWAY
CP 25928	259,972.82	581,392.51	CHISELED X IN CURB

BENCHMARK TABLE				
POINT NAME	Y	X	ELEV	DESCRIPTION
BM 935	259,848	581,448	902.03	NW FLANGE BOLT ON HYDRANT

THE FOLLOWING UTILITIES HAVE SYSTEM MAPS THAT INDICATE THEY ARE PRESENT BUT WERE EITHER PARTIALLY MARKED OR NOT MARKED BY DIGGER'S HOTLINE AND ARE NOT SHOWN. IT IS THE UTILITIES RESPONSIBILITY TO LOCATE THEIR FACILITIES AND DETERMINE IF THEY ARE IN CONFLICT WITH PROPOSED WORK:

- **ALLIANT ENERGY GAS**
- **REEDSBURG UTILITY COMMISSION ELECTRIC**
- **REEDSBURG UTILITY COMMISSION WATER**

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-44	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021101-ID-REEDSBURG.DWG
LAYOUT NAME - 18

PLOT DATE : 4/4/2023 7:46 AM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
(LL)	LEVEL LANDING
[1]	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
(A)	CURB RADIUS POINT NUMBER

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
1800	259,958.24	581,389.41	903.00
1801	259,958.79	581,394.37	903.05
1802	259,961.40	581,400.47	903.10
1803	259,965.92	581,405.44	903.27
1804	259,972.06	581,408.71	903.51
1805	259,979.23	581,409.67	903.74
1806	259,959.28	581,394.26	903.05
1807	259,961.82	581,400.21	903.10
1808	259,966.23	581,405.05	903.27
1809	259,972.21	581,408.23	903.51
1810	259,961.71	581,394.21	903.06
1811	259,966.30	581,394.12	903.39
1812	259,966.58	581,381.51	904.15
1813	259,971.92	581,381.63	904.20
1814	259,971.78	581,393.54	903.47

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
1815	259,966.24	581,400.12	903.41
1816	259,990.88	581,393.26	904.68
1817	259,990.83	581,398.65	904.54
1818	259,972.24	581,400.03	903.50
1819	259,972.23	581,403.07	903.49
1820	259,972.23	581,405.07	903.43
1821	259,979.64	581,441.52	903.58
1822	259,977.32	581,441.57	903.49
1823	259,971.93	581,442.42	903.25
1824	259,965.75	581,445.55	903.07
1825	259,960.58	581,451.28	902.87
1826	259,958.16	581,457.47	902.70
1827	259,957.74	581,461.40	902.61
1828	259,972.08	581,442.90	903.25
1829	259,966.07	581,445.94	903.07

POINT TABLE

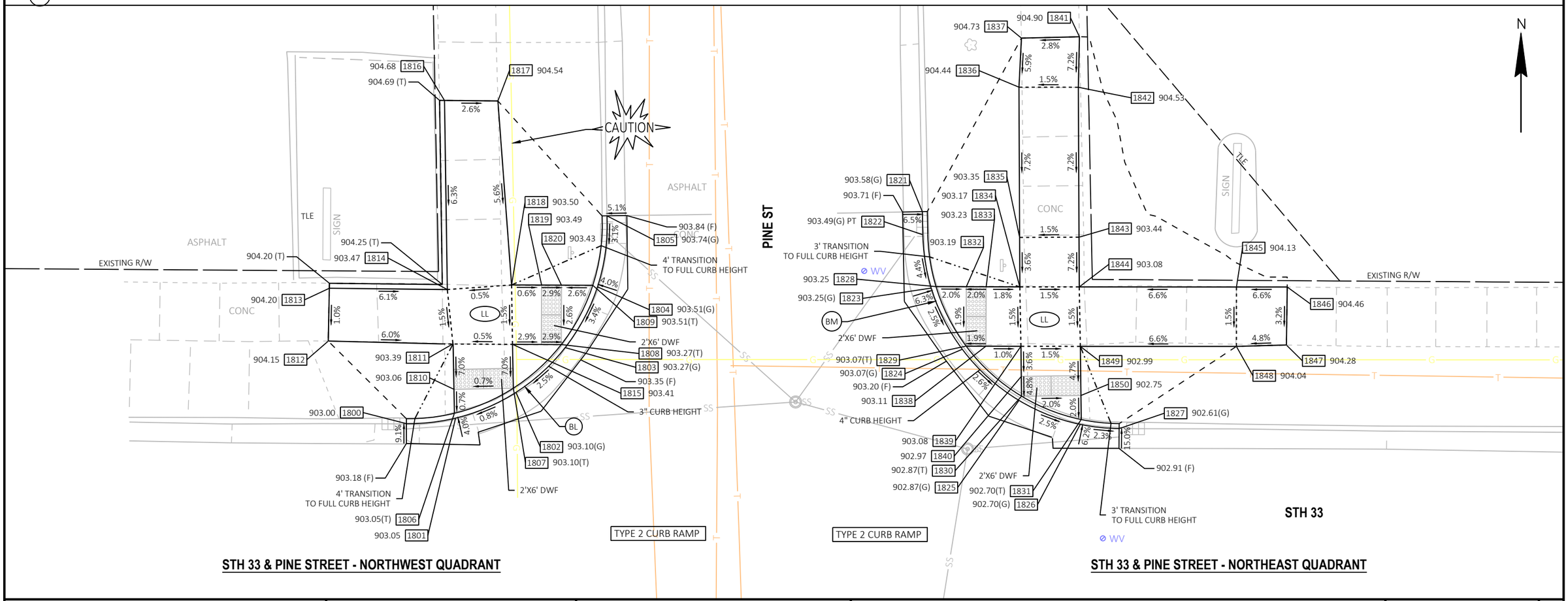
POINT NUMBER	Y	X	ELEVATION
1830	259,961.01	581,451.54	902.87
1831	259,958.65	581,457.57	902.70
1832	259,972.07	581,445.96	903.19
1833	259,972.06	581,447.96	903.23
1834	259,972.05	581,451.37	903.17
1835	259,977.05	581,451.35	903.35
1836	259,992.22	581,451.28	904.44
1837	259,997.17	581,451.53	904.73
1838	259,966.06	581,447.94	903.11
1839	259,966.05	581,451.48	903.08
1840	259,963.01	581,451.52	902.97
1841	259,997.31	581,457.38	904.90
1842	259,992.21	581,457.28	904.53
1843	259,977.07	581,457.35	903.44
1844	259,972.04	581,457.37	903.08

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
1845	259,972.04	581,473.25	904.13
1846	259,972.04	581,478.38	904.46
1847	259,966.18	581,478.29	904.28
1848	259,966.04	581,473.24	904.04
1849	259,966.04	581,457.48	902.99
1850	259,961.08	581,457.54	902.75

RADIUS TABLE

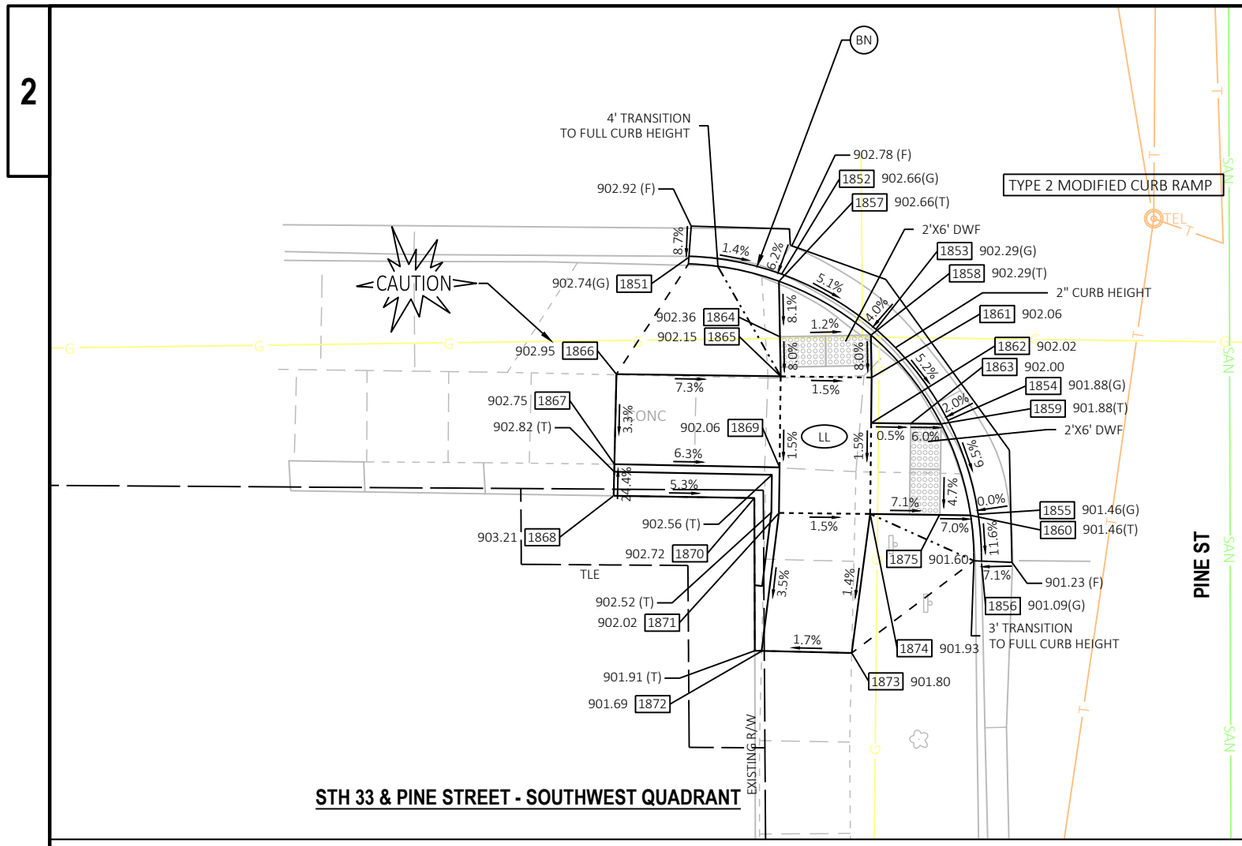
POINT NUMBER	Y	X	RADIUS
BL	259,978.24	581,389.68	20'
BM	259,977.74	581,461.56	20'



PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-45	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021301-CR-REEDSBURG.DWG
LAYOUT NAME - 18N
PLOT DATE : 4/4/2023 7:48 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

APPROVED FOR THE DESIGN OF UTILITY ADJUSTMENTS - APRIL 17, 2023



STH 33 & PINE STREET - SOUTHWEST QUADRANT

STH 33 & PINE STREET - SOUTHEAST QUADRANT

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1851	259,890.01	581,389.75	902.74
1852	259,888.83	581,395.78	902.66
1853	259,885.19	581,402.01	902.29
1854	259,879.18	581,406.76	901.88
1855	259,873.00	581,408.76	901.46
1856	259,869.78	581,408.99	901.09
1857	259,888.36	581,395.61	902.66
1858	259,884.81	581,401.68	902.29
1859	259,878.95	581,406.31	901.88
1860	259,872.92	581,408.26	901.46
1861	259,882.02	581,401.73	902.06
1862	259,879.02	581,401.70	902.02
1863	259,878.98	581,404.31	902.00
1864	259,884.70	581,395.68	902.36
1865	259,882.09	581,395.73	902.15

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
1866	259,882.23	581,384.89	902.95
1867	259,876.30	581,384.76	902.75
1868	259,874.21	581,384.71	903.21
1869	259,876.09	581,395.65	902.06
1870	259,874.06	581,393.99	902.72
1871	259,873.08	581,395.61	902.02
1872	259,863.98	581,394.52	901.69
1873	259,863.84	581,400.42	901.80
1874	259,873.02	581,401.64	901.93
1875	259,872.95	581,406.23	901.60

RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
BN	259,870.02	581,388.98	20'

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
— — — —	SLOPE INTERCEPTS
— - - —	GRADED FLARE
	DETECTABLE WARNING FIELD
A	CURB RADIUS POINT NUMBER

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-46	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021301-CR-REEDSBURG.DWG
LAYOUT NAME - 18S

PLOT DATE : 4/4/2023 7:48 AM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

THE FOLLOWING UTILITIES HAVE SYSTEM MAPS THAT INDICATE THEY ARE PRESENT BUT WERE EITHER PARTIALLY MARKED OR NOT MARKED BY DIGGER'S HOTLINE AND ARE NOT SHOWN. IT IS THE UTILITIES RESPONSIBILITY TO LOCATE THEIR FACILITIES AND DETERMINE IF THEY ARE IN CONFLICT WITH PROPOSED WORK:

- **REEDSBURG UTILITY COMMISSION WATER**

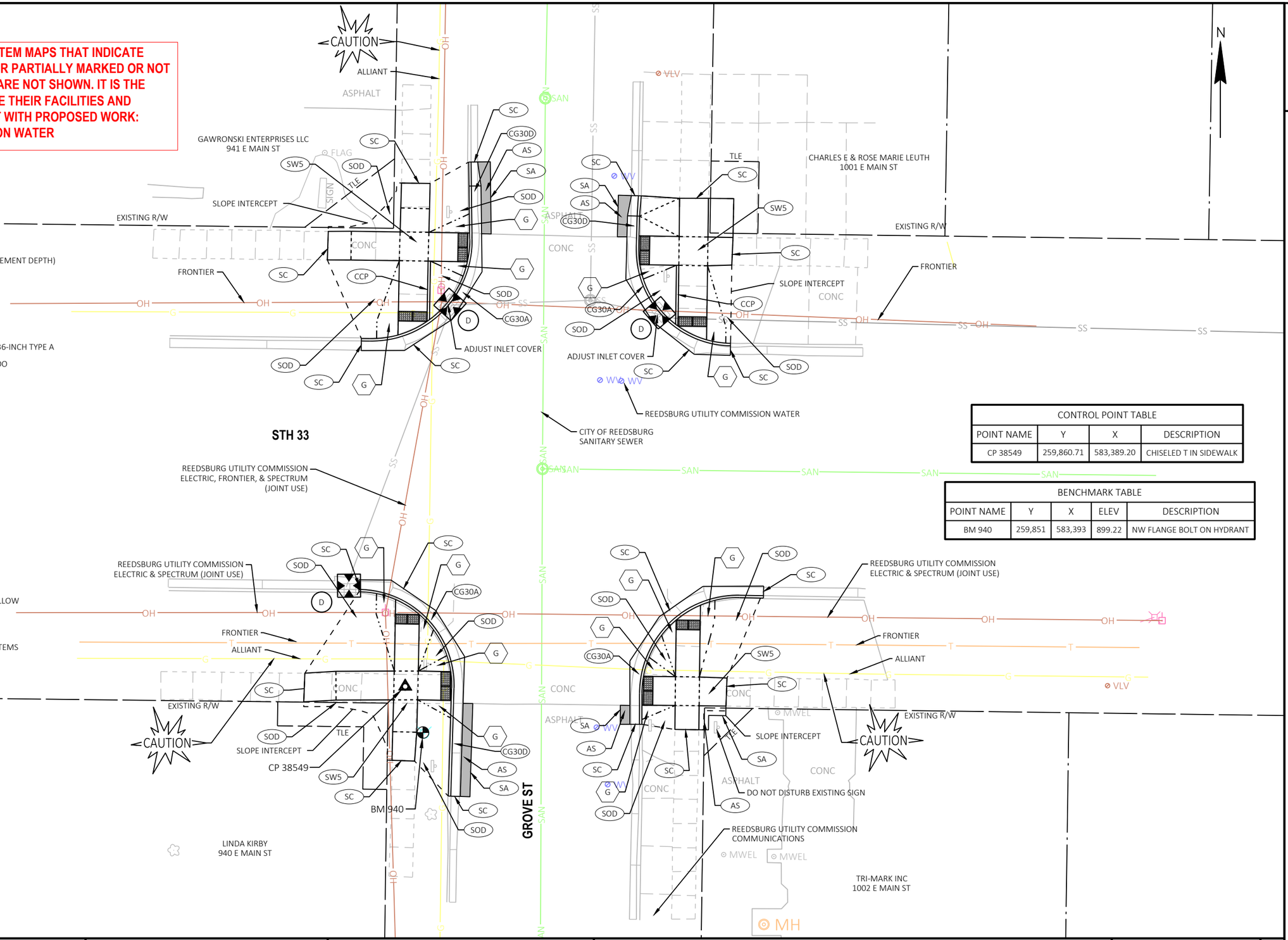
LEGEND

- AS — ASPHALTIC SURFACE (MATCH ADJACENT PAVEMENT DEPTH)
- CCP — CONCRETE CURB PEDESTRIAN
- CG24D — CONCRETE CURB & GUTTER 24-INCH TYPE D
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D
- CG36A — CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG36B — CONCRETE CURB & GUTTER 36-INCH BARABOO
- CP9 — CONCRETE PAVEMENT 9-INCH
- CP10 — CONCRETE PAVEMENT 10-INCH
- CSI — CONCRETE SAFETY ISLAND
- DWY7 — CONCRETE DRIVEWAY 7-INCH
- SA — SAWING ASPHALT
- SC — SAWING CONCRETE
- SOD — SOD LAWN RESTORATION
- SN01 — CONCRETE MEDIAN SLOPED NOSE TYPE 1
- SN02 — CONCRETE MEDIAN SLOPED NOSE TYPE 2
- SW5 — CONCRETE SIDEWALK 5-INCH
- G — GRADED FLARE (6:1 MAX SLOPE)
- P — PAVED FLARE (10% MAX SLOPE)
- CURB RAMP DETECTABLE WARNING FIELD YELLOW

NOTE:
SOD LAWN RESTORATION IS INCIDENTAL TO GRADING, SHAPING & FINISHING CURB RAMP OR DRIVEWAY BID ITEMS

EROSION CONTROL LEGEND

- INLET PROTECTION
- D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- SILT FENCE
- CULVERT PIPE CHECK



CONTROL POINT TABLE			
POINT NAME	Y	X	DESCRIPTION
CP 38549	259,860.71	583,389.20	CHISELED T IN SIDEWALK

BENCHMARK TABLE				
POINT NAME	Y	X	ELEV	DESCRIPTION
BM 940	259,851	583,393	899.22	NW FLANGE BOLT ON HYDRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-59	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021101-ID-REEDSBURG.DWG
LAYOUT NAME - 23
PLOT DATE : 4/4/2023 7:59 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

2

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
A	CURB RADIUS POINT NUMBER

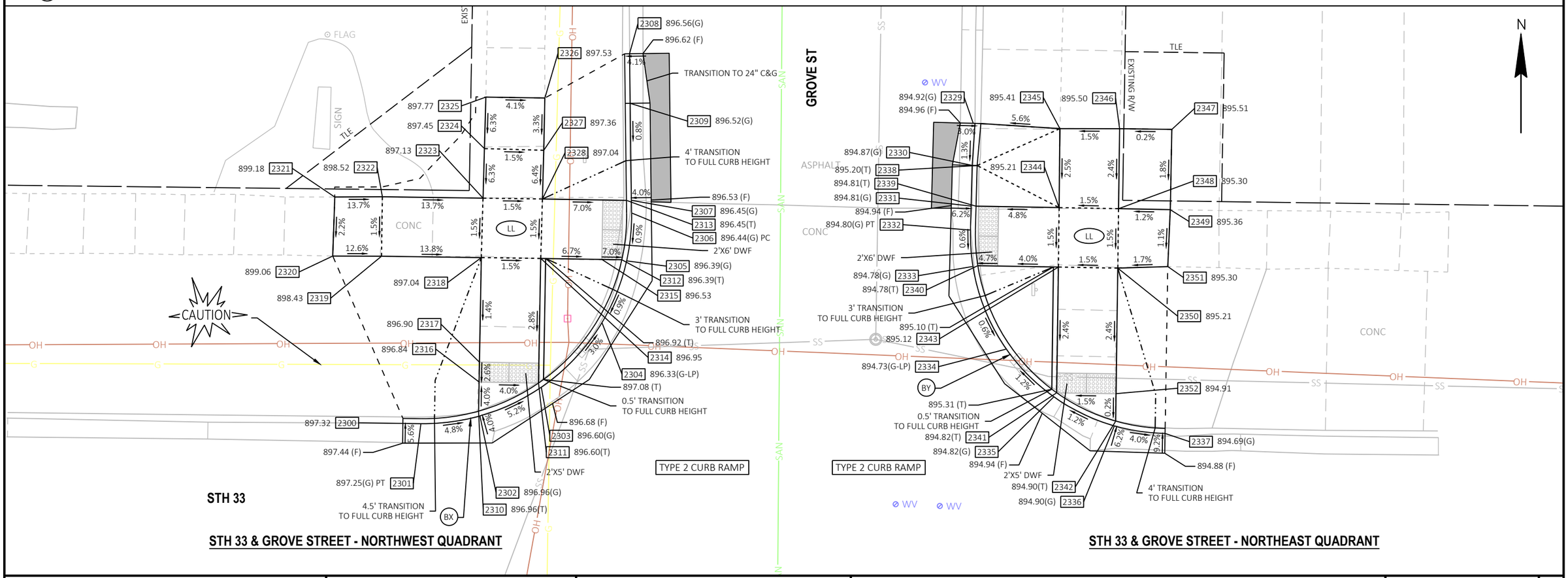
POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
2300	259,932.74	583,380.04	897.32
2301	259,932.71	583,381.86	897.25
2302	259,933.50	583,387.82	896.96
2303	259,936.40	583,394.02	896.60
2304	259,942.90	583,400.15	896.33
2305	259,949.14	583,402.64	896.39
2306	259,953.97	583,403.14	896.44
2307	259,955.25	583,403.12	896.45
2308	259,970.04	583,402.94	896.56
2309	259,965.04	583,403.00	896.52
2310	259,933.98	583,387.69	896.96
2311	259,936.81	583,393.74	896.60
2312	259,949.25	583,402.15	896.39
2313	259,955.25	583,402.62	896.45
2314	259,949.39	583,393.97	896.95

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
2315	259,949.29	583,400.15	896.53
2316	259,936.92	583,387.74	896.84
2317	259,938.92	583,387.78	896.90
2318	259,949.47	583,387.97	897.04
2319	259,949.61	583,377.89	898.43
2320	259,949.63	583,372.96	899.06
2321	259,955.58	583,373.16	899.18
2322	259,955.61	583,377.97	898.52
2323	259,955.47	583,388.14	897.13
2324	259,960.47	583,388.28	897.45
2325	259,965.66	583,388.42	897.77
2326	259,965.57	583,394.38	897.53
2327	259,960.30	583,394.27	897.36
2328	259,955.39	583,394.14	897.04
2329	259,963.02	583,437.66	894.92

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
2330	259,958.78	583,437.54	894.87
2331	259,954.67	583,437.44	894.81
2332	259,952.25	583,437.37	894.80
2333	259,948.57	583,437.62	894.78
2334	259,940.24	583,440.99	894.73
2335	259,935.41	583,445.79	894.82
2336	259,932.48	583,451.90	894.90
2337	259,931.73	583,457.03	894.69
2338	259,958.76	583,438.04	895.20
2339	259,954.66	583,437.94	894.81
2340	259,948.65	583,438.11	894.78
2341	259,935.82	583,446.08	894.82
2342	259,932.96	583,452.04	894.90
2343	259,948.52	583,446.26	895.12
2344	259,954.52	583,446.33	895.21

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
2345	259,962.48	583,446.41	895.41
2346	259,962.48	583,452.44	895.50
2347	259,962.41	583,457.71	895.51
2348	259,954.41	583,452.33	895.30
2349	259,954.30	583,457.56	895.36
2350	259,948.41	583,452.25	895.21
2351	259,948.56	583,457.30	895.30
2352	259,935.74	583,452.08	894.91

RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
BX	259,953.71	583,382.14	21'
BY	259,951.72	583,457.37	20'



STH 33 & GROVE STREET - NORTHWEST QUADRANT

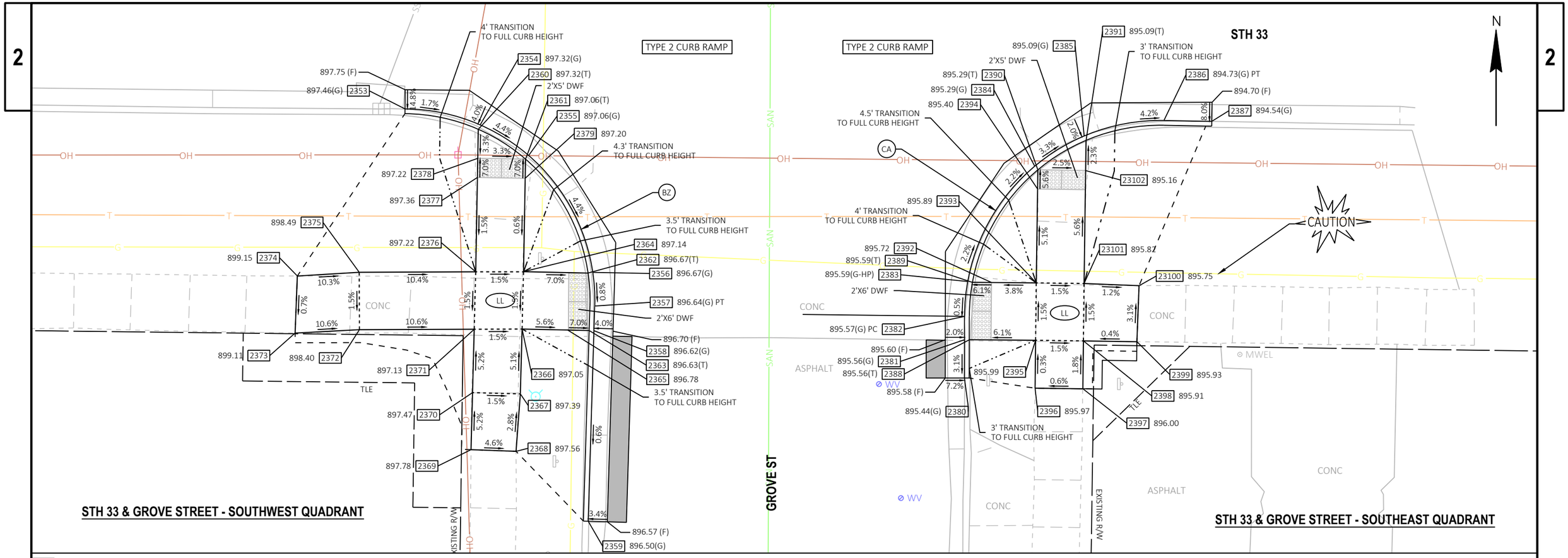
STH 33 & GROVE STREET - NORTHEAST QUADRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-60	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021301-CR-REEDSBURG.DWG
LAYOUT NAME - 23N

PLOT DATE : 4/4/2023 8:00 AM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
A	CURB RADIUS POINT NUMBER

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
2353	259,880.94	583,379.54	897.46
2354	259,879.27	583,387.40	897.32
2355	259,876.07	583,392.47	897.06
2356	259,863.86	583,399.17	896.67
2357	259,860.34	583,399.37	896.64
2358	259,857.77	583,399.30	896.62
2359	259,837.85	583,398.69	896.50
2360	259,878.81	583,387.20	897.32
2361	259,875.69	583,392.14	897.06
2362	259,863.79	583,398.68	896.67
2363	259,857.78	583,398.80	896.63
2364	259,863.93	583,391.94	897.14
2365	259,857.83	583,396.55	896.78
2366	259,857.94	583,391.78	897.05
2367	259,851.16	583,391.60	897.39

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
2368	259,845.15	583,391.15	897.56
2369	259,845.33	583,386.44	897.78
2370	259,851.29	583,386.60	897.47
2371	259,857.92	583,386.78	897.13
2372	259,857.87	583,374.77	898.40
2373	259,857.51	583,368.04	899.11
2374	259,863.48	583,368.28	899.15
2375	259,863.87	583,374.74	898.49
2376	259,863.92	583,386.93	897.22
2377	259,873.78	583,387.11	897.36
2378	259,875.78	583,387.14	897.22
2379	259,873.69	583,392.11	897.20
2380	259,852.82	583,438.04	895.44
2381	259,856.82	583,438.05	895.56
2382	259,859.26	583,438.05	895.57

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
2383	259,862.90	583,438.38	895.59
2384	259,874.96	583,445.40	895.29
2385	259,878.11	583,450.57	895.09
2386	259,879.73	583,458.91	894.73
2387	259,879.64	583,463.91	894.54
2388	259,856.82	583,438.55	895.56
2389	259,862.81	583,438.87	895.59
2390	259,874.57	583,445.72	895.29
2391	259,877.65	583,450.76	895.09
2392	259,862.80	583,440.87	895.72
2393	259,862.76	583,445.55	895.89
2394	259,872.57	583,445.69	895.40
2395	259,856.76	583,445.49	895.99
2396	259,851.75	583,445.43	895.97
2397	259,851.70	583,450.43	896.00

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
2398	259,856.70	583,450.48	895.91
2399	259,856.61	583,456.08	895.93
23100	259,862.46	583,456.30	895.75
23101	259,862.69	583,450.55	895.82
23102	259,874.50	583,450.72	895.16

RADIUS TABLE

POINT NUMBER	Y	X	RADIUS
BZ	259,860.94	583,379.38	19.5'
CA	259,859.23	583,458.55	20.5'

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - REEDSBURG	SHEET 1078-61	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021301-CR-REEDSBURG.DWG
LAYOUT NAME - 23S
PLOT DATE : 4/4/2023 8:01 AM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

APPROVED FOR THE DESIGN OF UTILITY ADJUSTMENTS - APRIL 17, 2023

2

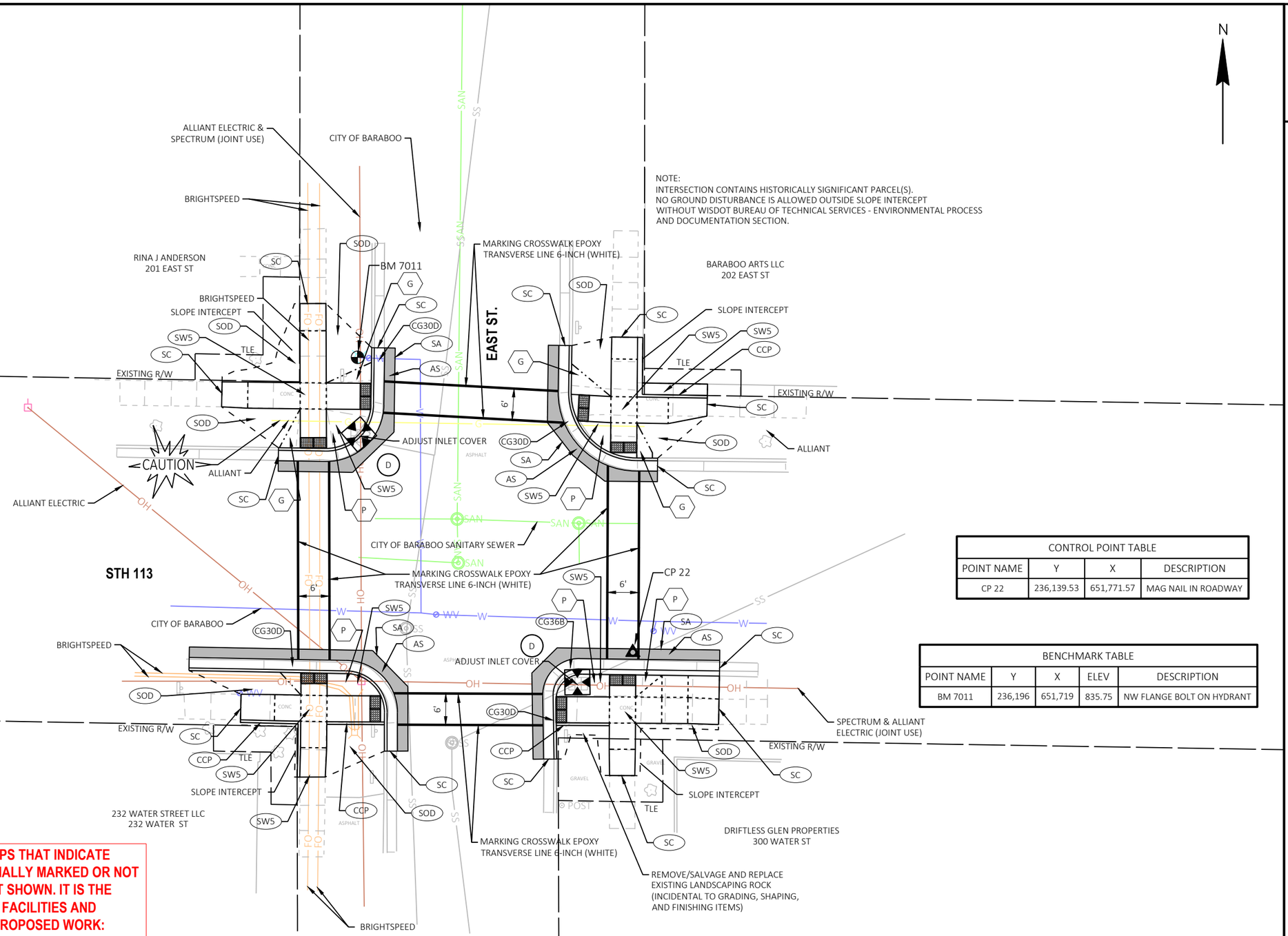
LEGEND

- AS — ASPHALTIC SURFACE (MATCH ADJACENT PAVEMENT DEPTH)
- CCP — CONCRETE CURB PEDESTRIAN
- CG24D — CONCRETE CURB & GUTTER 24-INCH TYPE D
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D
- CG36A — CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG36B — CONCRETE CURB & GUTTER 36-INCH BARABOO
- CP9 — CONCRETE PAVEMENT 9-INCH
- CP10 — CONCRETE PAVEMENT 10-INCH
- CSI — CONCRETE SAFETY ISLAND
- DWY7 — CONCRETE DRIVEWAY 7-INCH
- SA — SAWING ASPHALT
- SC — SAWING CONCRETE
- SOD — SOD LAWN RESTORATION
- SN01 — CONCRETE MEDIAN SLOPED NOSE TYPE 1
- SN02 — CONCRETE MEDIAN SLOPED NOSE TYPE 2
- SW5 — CONCRETE SIDEWALK 5-INCH
- G — GRADED FLARE (6:1 MAX SLOPE)
- P — PAVED FLARE (10% MAX SLOPE)
- CURB RAMP DETECTABLE WARNING FIELD YELLOW

NOTE:
SOD LAWN RESTORATION IS INCIDENTAL TO GRADING, SHAPING & FINISHING CURB RAMP OR DRIVEWAY BID ITEMS

EROSION CONTROL LEGEND

- INLET PROTECTION
- D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- SILT FENCE
- CULVERT PIPE CHECK



NOTE:
INTERSECTION CONTAINS HISTORICALLY SIGNIFICANT PARCEL(S).
NO GROUND DISTURBANCE IS ALLOWED OUTSIDE SLOPE INTERCEPT
WITHOUT WISDOT BUREAU OF TECHNICAL SERVICES - ENVIRONMENTAL PROCESS
AND DOCUMENTATION SECTION.

CONTROL POINT TABLE			
POINT NAME	Y	X	DESCRIPTION
CP 22	236,139.53	651,771.57	MAG NAIL IN ROADWAY

BENCHMARK TABLE				
POINT NAME	Y	X	ELEV	DESCRIPTION
BM 7011	236,196	651,719	835.75	NW FLANGE BOLT ON HYDRANT

THE FOLLOWING UTILITIES HAVE SYSTEM MAPS THAT INDICATE THEY ARE PRESENT BUT WERE EITHER PARTIALLY MARKED OR NOT MARKED BY DIGGER'S HOTLINE AND ARE NOT SHOWN. IT IS THE UTILITIES RESPONSIBILITY TO LOCATE THEIR FACILITIES AND DETERMINE IF THEY ARE IN CONFLICT WITH PROPOSED WORK:

- **ALLIANT ENERGY GAS**
- **CITY OF BARABOO SANITARY SEWER**

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-125	E

2

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
A	CURB RADIUS POINT NUMBER

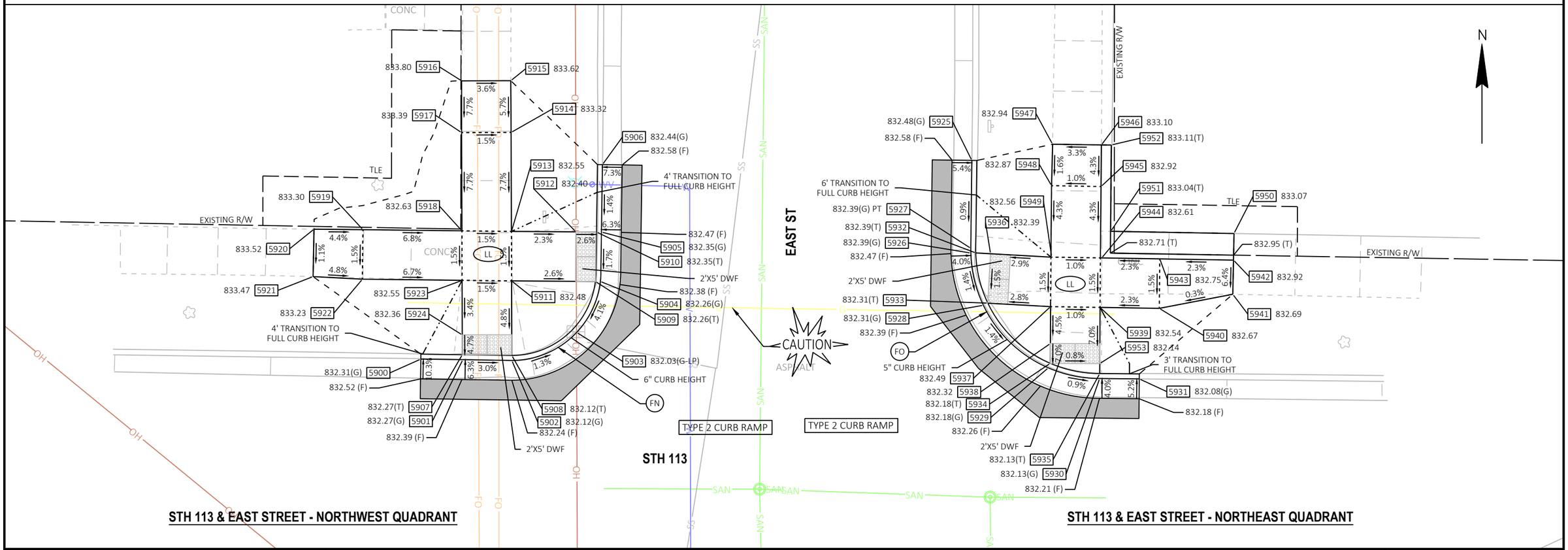
POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
5900	236,178.21	651,703.74	832.31
5901	236,178.15	651,707.98	832.27
5902	236,178.07	651,712.93	832.12
5903	236,180.91	651,719.48	832.03
5904	236,186.05	651,721.87	832.26
5905	236,191.04	651,721.98	832.35
5906	236,197.85	651,722.08	832.44
5907	236,178.65	651,707.93	832.27
5908	236,178.57	651,712.93	832.12
5909	236,186.05	651,721.36	832.26
5910	236,191.04	651,721.48	832.35
5911	236,186.10	651,712.91	832.48
5912	236,191.06	651,719.40	832.40
5913	236,191.10	651,712.89	832.55
5914	236,201.10	651,712.86	833.32

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
5915	236,206.33	651,712.83	833.62
5916	236,206.31	651,707.86	833.80
5917	236,201.09	651,707.86	833.39
5918	236,191.16	651,707.89	832.63
5919	236,191.28	651,697.89	833.30
5920	236,191.33	651,692.95	833.52
5921	236,186.54	651,692.86	833.47
5922	236,186.28	651,697.83	833.23
5923	236,186.16	651,707.91	832.55
5924	236,180.65	651,707.92	832.36
5925	236,198.28	651,759.40	832.48
5926	236,188.92	651,759.29	832.39
5927	236,189.40	651,759.29	832.39
5928	236,183.64	651,760.56	832.31
5929	236,177.32	651,767.12	832.18

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
5930	236,176.24	651,772.31	832.13
5931	236,176.21	651,776.31	832.08
5932	236,188.93	651,759.79	832.39
5933	236,183.86	651,761.01	832.31
5934	236,177.78	651,767.32	832.18
5935	236,176.74	651,772.31	832.13
5936	236,188.85	651,761.29	832.39
5937	236,183.51	651,767.34	832.49
5938	236,179.78	651,767.33	832.32
5939	236,183.43	651,772.34	832.54
5940	236,183.33	651,778.33	832.67
5941	236,184.75	651,785.76	832.69
5942	236,188.21	651,785.82	832.92
5943	236,188.33	651,778.38	832.75
5944	236,188.43	651,772.52	832.61

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
5945	236,195.64	651,772.44	832.92
5946	236,199.84	651,772.48	833.10
5947	236,199.91	651,767.55	832.94
5948	236,195.73	651,767.44	832.87
5949	236,188.51	651,767.46	832.56
5950	236,190.89	651,785.87	833.07
5951	236,191.12	651,773.43	833.04
5952	236,199.83	651,773.48	833.11
5953	236,177.75	651,772.32	832.14

RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
FN	236,187.07	651,712.93	9'
FO	236,189.25	651,772.29	13'



STH 113 & EAST STREET - NORTHWEST QUADRANT

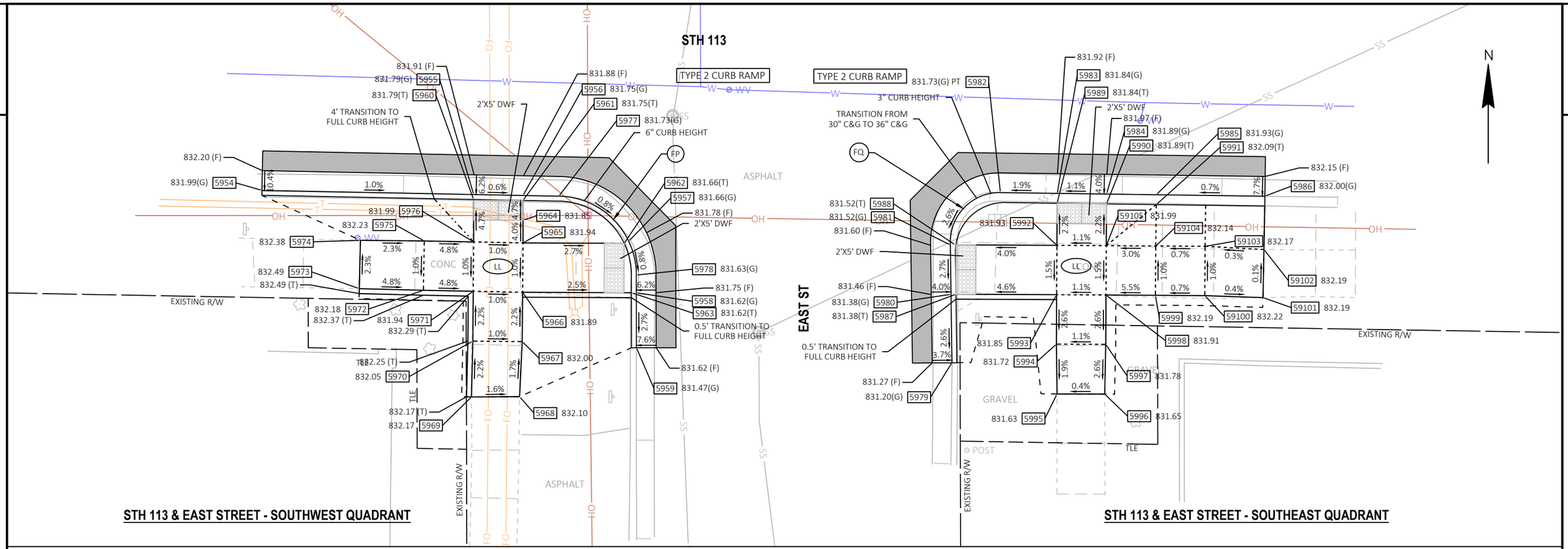
STH 113 & EAST STREET - NORTHEAST QUADRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-126	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021303-CR-BARABOO.DWG
LAYOUT NAME - 59N

PLOT DATE : 4/4/2023 6:04 PM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



STH 113 & EAST STREET - SOUTHWEST QUADRANT

STH 113 & EAST STREET - SOUTHEAST QUADRANT

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
(LL)	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
— — — —	SLOPE INTERCEPTS
— - - —	GRADED FLARE
	DETECTABLE WARNING FIELD
(A)	CURB RADIUS POINT NUMBER

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
5954	236,136.57	651,686.61	831.99
5955	236,136.15	651,708.05	831.79
5956	236,136.05	651,713.05	831.75
5957	236,131.42	651,723.74	831.66
5958	236,126.20	651,724.52	831.62
5959	236,120.62	651,724.53	831.47
5960	236,135.65	651,708.04	831.79
5961	236,135.55	651,713.04	831.75
5962	236,131.20	651,723.29	831.66
5963	236,126.20	651,724.02	831.62
5964	236,133.55	651,713.04	831.85
5965	236,131.25	651,713.05	831.94
5966	236,126.25	651,713.01	831.89
5967	236,121.25	651,712.96	832.00
5968	236,115.68	651,712.70	832.10

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
5969	236,115.64	651,707.83	832.17
5970	236,121.30	651,707.96	832.05
5971	236,126.35	651,708.01	831.94
5972	236,126.45	651,702.95	832.18
5973	236,126.61	651,696.47	832.49
5974	236,131.51	651,696.58	832.38
5975	236,131.45	651,703.05	832.23
5976	236,131.35	651,708.05	831.99
5977	236,135.98	651,716.67	831.73
5978	236,127.99	651,724.52	831.63
5979	236,119.13	651,756.48	831.20
5980	236,126.04	651,756.39	831.38
5981	236,131.04	651,756.32	831.52
5982	236,136.34	651,761.38	831.73
5983	236,136.27	651,767.14	831.84

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
5984	236,136.20	651,772.14	831.89
5985	236,136.13	651,777.18	831.93
5986	236,135.98	651,788.16	832.00
5987	236,126.05	651,756.89	831.38
5988	236,131.05	651,756.82	831.52
5989	236,135.27	651,767.13	831.84
5990	236,135.20	651,772.12	831.89
5991	236,135.13	651,777.17	832.09
5992	236,131.00	651,767.11	831.93
5993	236,126.00	651,767.08	831.85
5994	236,120.99	651,767.06	831.72
5995	236,115.95	651,767.12	831.63
5996	236,115.94	651,771.94	831.65
5997	236,120.97	651,772.06	831.78
5998	236,125.97	651,772.08	831.91

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
5999	236,125.94	651,777.08	832.19
59100	236,125.90	651,782.08	832.22
59101	236,125.71	651,787.98	832.19
59102	236,130.58	651,788.07	832.19
59103	236,130.90	651,782.11	832.17
59104	236,130.94	651,777.11	832.14
59105	236,130.97	651,772.11	831.99

RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
FP	236,127.98	651,716.52	8'
FQ	236,131.34	651,761.31	5'

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-127 E

2

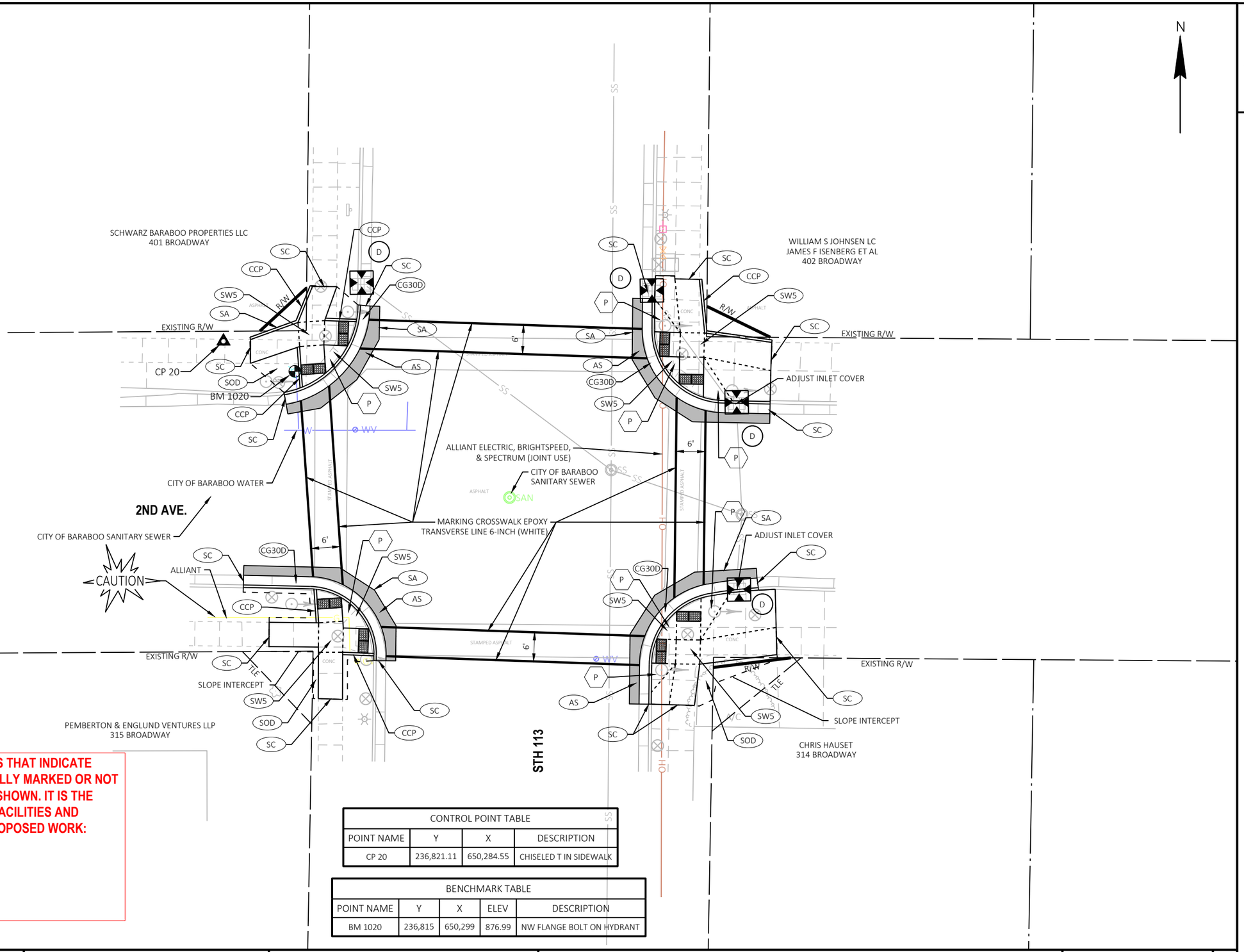
LEGEND

- AS — ASPHALTIC SURFACE (MATCH ADJACENT PAVEMENT DEPTH)
- CCP — CONCRETE CURB PEDESTRIAN
- CG24D — CONCRETE CURB & GUTTER 24-INCH TYPE D
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D
- CG36A — CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG36B — CONCRETE CURB & GUTTER 36-INCH BARABOO
- CP9 — CONCRETE PAVEMENT 9-INCH
- CP10 — CONCRETE PAVEMENT 10-INCH
- CSI — CONCRETE SAFETY ISLAND
- DWY7 — CONCRETE DRIVEWAY 7-INCH
- SA — SAWING ASPHALT
- SC — SAWING CONCRETE
- SOD — SOD LAWN RESTORATION
- SN01 — CONCRETE MEDIAN SLOPED NOSE TYPE 1
- SN02 — CONCRETE MEDIAN SLOPED NOSE TYPE 2
- SW5 — CONCRETE SIDEWALK 5-INCH
- G — GRADED FLARE (6:1 MAX SLOPE)
- P — PAVED FLARE (10% MAX SLOPE)
- CURB RAMP DETECTABLE WARNING FIELD YELLOW

NOTE:
SOD LAWN RESTORATION IS INCIDENTAL TO GRADING, SHAPING & FINISHING CURB RAMP OR DRIVEWAY BID ITEMS

EROSION CONTROL LEGEND

- INLET PROTECTION
- D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- SILT FENCE
- CULVERT PIPE CHECK



THE FOLLOWING UTILITIES HAVE SYSTEM MAPS THAT INDICATE THEY ARE PRESENT BUT WERE EITHER PARTIALLY MARKED OR NOT MARKED BY DIGGER'S HOTLINE AND ARE NOT SHOWN. IT IS THE UTILITIES RESPONSIBILITY TO LOCATE THEIR FACILITIES AND DETERMINE IF THEY ARE IN CONFLICT WITH PROPOSED WORK:

- ALLIANT ENERGY GAS
- CITY OF BARABOO ELECTRIC
- CITY OF BARABOO SANITARY SEWER
- CITY OF BARABOO WATER
- SAUK COUNTY COMMUNICATIONS

CONTROL POINT TABLE

POINT NAME	Y	X	DESCRIPTION
CP 20	236,821.11	650,284.55	CHISELED T IN SIDEWALK

BENCHMARK TABLE

POINT NAME	Y	X	ELEV	DESCRIPTION
BM 1020	236,815	650,299	876.99	NW FLANGE BOLT ON HYDRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-138	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021103-ID-BARABOO.DWG
LAYOUT NAME - 64
PLOT DATE : 4/4/2023 6:12 PM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

2

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

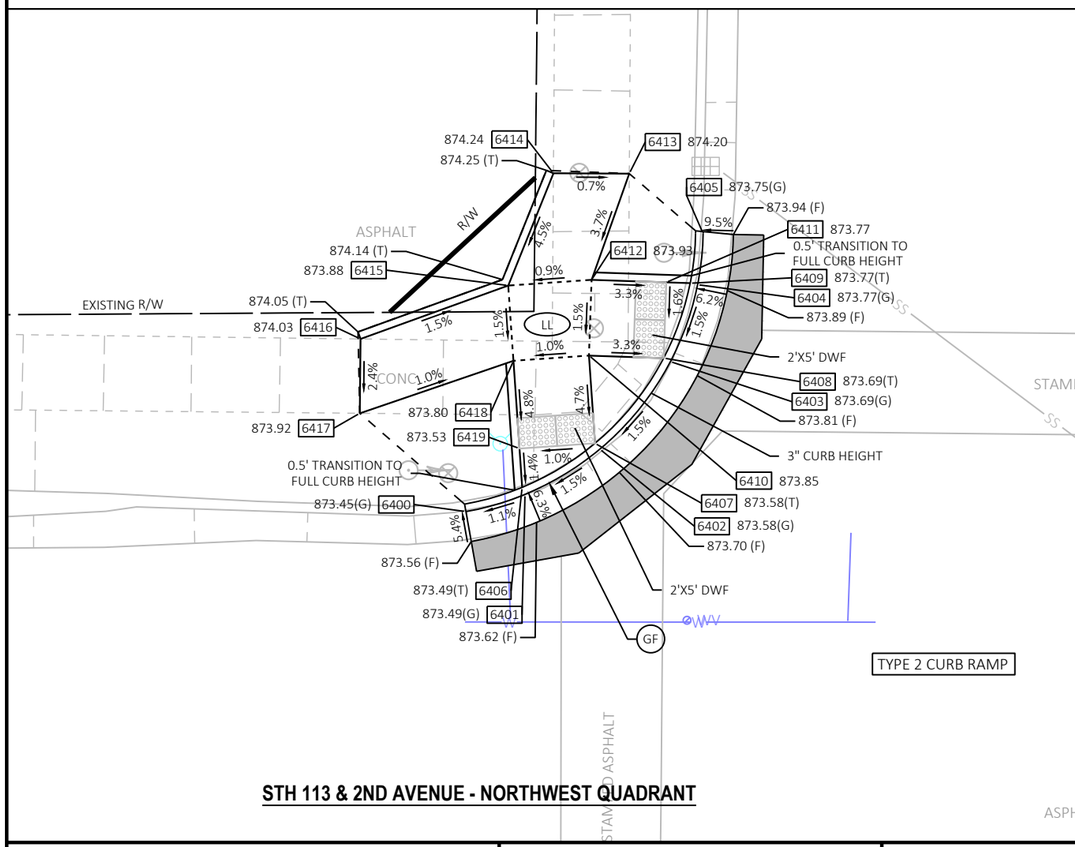
XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
A	CURB RADIUS POINT NUMBER

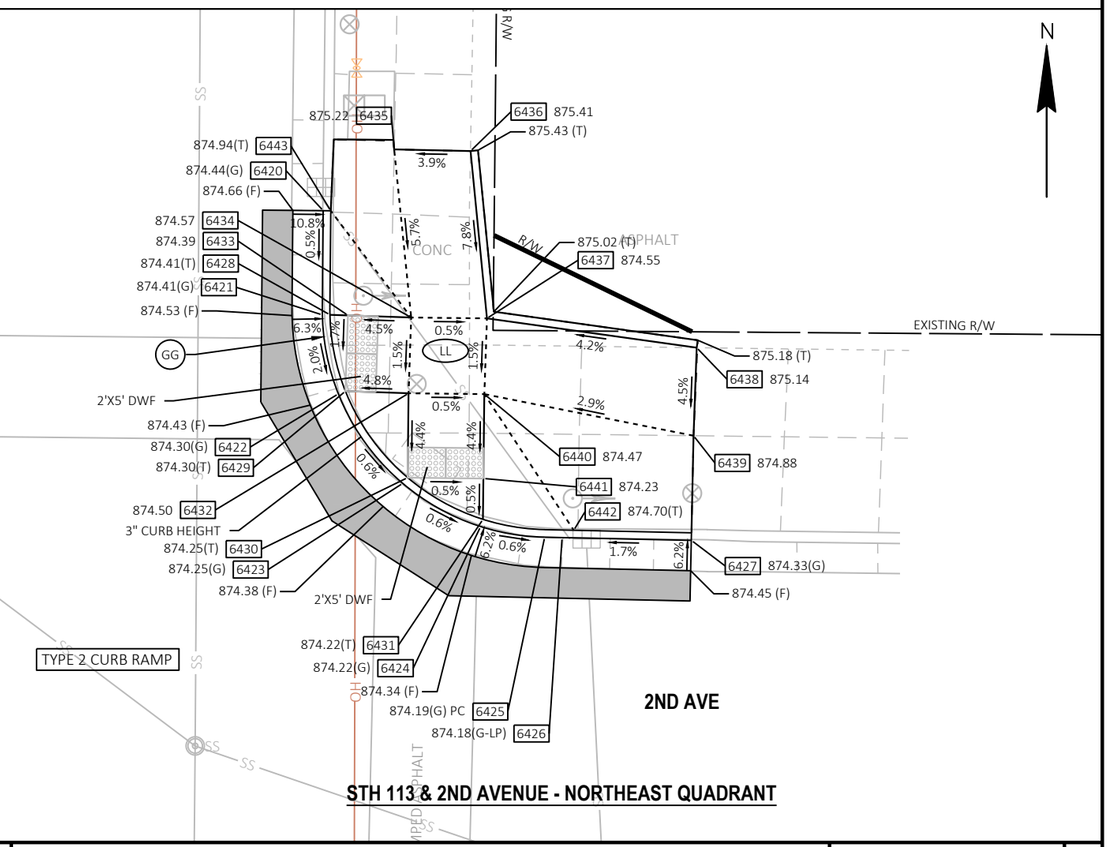
POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6400	236,810.08	650,297.11	873.45
6401	236,811.22	650,301.01	873.49
6402	236,814.20	650,305.95	873.58
6403	236,819.97	650,310.60	873.69
6404	236,825.05	650,312.40	873.77
6405	236,828.40	650,312.76	873.75
6406	236,811.68	650,300.82	873.49
6407	236,814.58	650,305.63	873.58
6408	236,820.21	650,310.16	873.69
6409	236,825.15	650,311.91	873.77
6410	236,820.37	650,305.23	873.85
6411	236,825.20	650,310.33	873.77
6412	236,825.37	650,305.40	873.93
6413	236,832.38	650,307.89	874.20
6414	236,832.40	650,302.88	874.24

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6415	236,824.99	650,299.90	873.88
6416	236,821.47	650,290.16	874.03
6417	236,816.57	650,290.10	873.92
6418	236,820.03	650,300.24	873.80
6419	236,814.24	650,300.64	873.53
6420	236,829.93	650,372.88	874.44
6421	236,823.05	650,372.83	874.41
6422	236,817.84	650,373.89	874.30
6423	236,811.94	650,378.13	874.25
6424	236,809.09	650,383.27	874.22
6425	236,808.39	650,387.50	874.19
6426	236,808.37	650,388.65	874.18
6427	236,808.18	650,397.18	874.33
6428	236,823.07	650,373.33	874.41
6429	236,818.03	650,374.35	874.30

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6430	236,812.32	650,378.46	874.25
6431	236,809.57	650,383.42	874.22
6432	236,817.89	650,378.52	874.50
6433	236,823.02	650,374.52	874.39
6434	236,822.88	650,378.69	874.57
6435	236,833.97	650,377.57	875.22
6436	236,833.87	650,382.60	875.41
6437	236,822.83	650,383.69	874.55
6438	236,820.89	650,397.53	875.14
6439	236,815.09	650,397.32	874.88
6440	236,817.83	650,383.52	874.47
6441	236,812.26	650,383.46	874.23
6442	236,808.85	650,389.42	874.70
6443	236,829.93	650,373.38	874.94

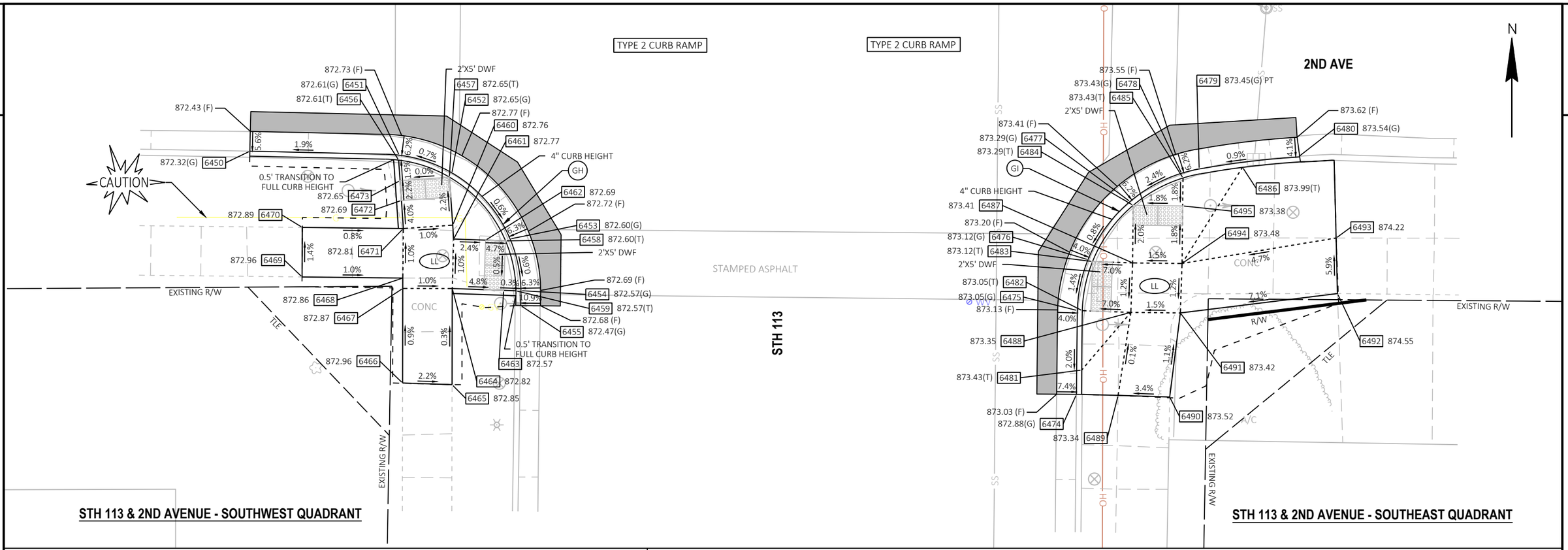
RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
GF	236,828.78	650,293.77	19'
GG	236,823.39	650,387.82	15'





PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-139	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021303-CR-BARABOO.DWG
LAYOUT NAME - 64N
PLOT DATE : 4/4/2023 6:14 PM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : ##########



NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
(LL)	LEVEL LANDING
[1]	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
– – – –	SLOPE INTERCEPTS
— - - —	GRADED FLARE
	DETECTABLE WARNING FIELD
(A)	CURB RADIUS POINT NUMBER

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6450	236,770.93	650,288.66	872.32
6451	236,770.52	650,303.75	872.61
6452	236,768.73	650,309.07	872.65
6453	236,762.07	650,314.94	872.60
6454	236,756.84	650,316.04	872.57
6455	236,755.34	650,316.03	872.47
6456	236,770.03	650,303.69	872.61
6457	236,768.30	650,308.82	872.65
6458	236,761.87	650,314.48	872.60
6459	236,756.83	650,315.54	872.57
6460	236,763.46	650,309.15	872.76
6461	236,762.06	650,309.25	872.77
6462	236,761.94	650,312.48	872.69
6463	236,756.88	650,314.30	872.57
6464	236,757.06	650,309.11	872.82

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6465	236,747.35	650,309.09	872.85
6466	236,747.52	650,304.09	872.96
6467	236,757.07	650,304.11	872.87
6468	236,758.12	650,304.11	872.86
6469	236,758.23	650,293.93	872.96
6470	236,763.23	650,293.96	872.89
6471	236,763.12	650,304.17	872.81
6472	236,765.96	650,303.97	872.69
6473	236,767.96	650,303.83	872.65
6474	236,746.37	650,372.18	872.88
6475	236,754.84	650,372.27	873.05
6476	236,759.98	650,373.35	873.12
6477	236,765.84	650,377.59	873.29
6478	236,768.70	650,382.80	873.43
6479	236,769.13	650,384.58	873.45

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6480	236,770.35	650,394.60	873.54
6481	236,748.82	650,372.71	873.43
6482	236,754.82	650,372.77	873.05
6483	236,759.79	650,373.81	873.12
6484	236,765.46	650,377.92	873.29
6485	236,768.22	650,382.95	873.43
6486	236,769.31	650,388.96	873.99
6487	236,759.65	650,377.85	873.41
6488	236,754.65	650,377.68	873.35
6489	236,746.27	650,376.39	873.34
6490	236,746.11	650,381.60	873.52
6491	236,754.59	650,382.68	873.42
6492	236,756.56	650,398.55	874.55
6493	236,762.16	650,398.42	874.22
6494	236,759.59	650,382.85	873.48

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6495	236,765.40	650,382.92	873.38

RADIUS TABLE

POINT NUMBER	Y	X	RADIUS
GH	236,756.63	650,302.04	14'
GI	236,754.38	650,387.26	15'

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-140	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021303-CR-BARABOO.DWG
LAYOUT NAME - 64S
PLOT DATE : 4/4/2023 6:14 PM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : ##########

APPROVED FOR THE DESIGN OF UTILITY ADJUSTMENTS - APRIL 17, 2023

2

2

LEGEND

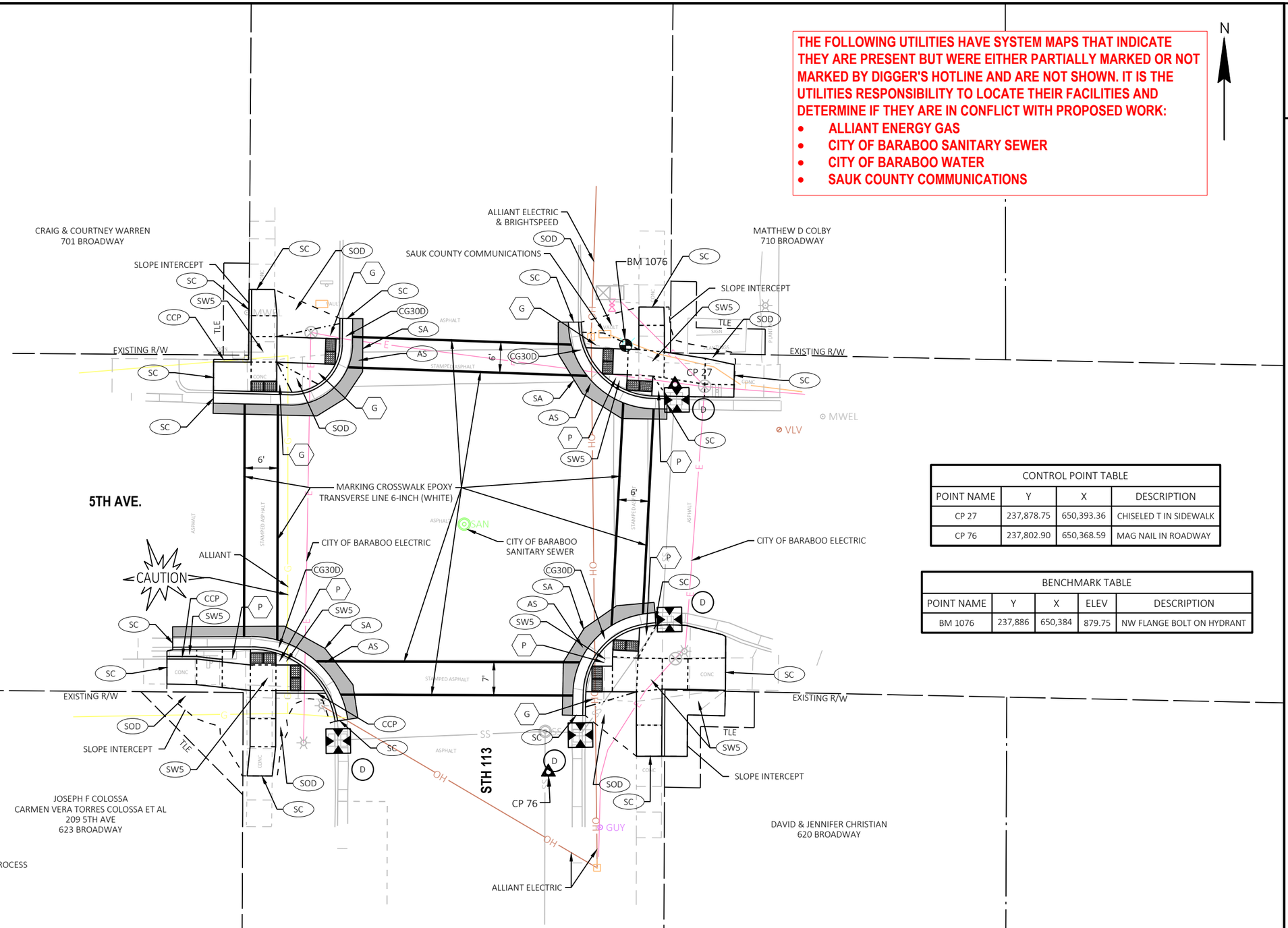
- AS — ASPHALTIC SURFACE (MATCH ADJACENT PAVEMENT DEPTH)
- CCP — CONCRETE CURB PEDESTRIAN
- CG24D — CONCRETE CURB & GUTTER 24-INCH TYPE D
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D
- CG36A — CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG36B — CONCRETE CURB & GUTTER 36-INCH BARABOO
- CP9 — CONCRETE PAVEMENT 9-INCH
- CP10 — CONCRETE PAVEMENT 10-INCH
- CSI — CONCRETE SAFETY ISLAND
- DWY7 — CONCRETE DRIVEWAY 7-INCH
- SA — SAWING ASPHALT
- SC — SAWING CONCRETE
- SOD — SOD LAWN RESTORATION
- SN01 — CONCRETE MEDIAN SLOPED NOSE TYPE 1
- SN02 — CONCRETE MEDIAN SLOPED NOSE TYPE 2
- SW5 — CONCRETE SIDEWALK 5-INCH
- G — GRADED FLARE (6:1 MAX SLOPE)
- P — PAVED FLARE (10% MAX SLOPE)
- CURB RAMP DETECTABLE WARNING FIELD YELLOW

NOTE:
SOD LAWN RESTORATION IS INCIDENTAL TO GRADING, SHAPING & FINISHING CURB RAMP OR DRIVEWAY BID ITEMS

EROSION CONTROL LEGEND

- INLET PROTECTION
- D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- SILT FENCE
- CULVERT PIPE CHECK

NOTE:
INTERSECTION CONTAINS HISTORICALLY SIGNIFICANT PARCEL(S).
NO GROUND DISTURBANCE IS ALLOWED OUTSIDE SLOPE INTERCEPT
WITHOUT WISDOT BUREAU OF TECHNICAL SERVICES - ENVIRONMENTAL PROCESS
AND DOCUMENTATION SECTION.



CONTROL POINT TABLE			
POINT NAME	Y	X	DESCRIPTION
CP 27	237,878.75	650,393.36	CHISELED T IN SIDEWALK
CP 76	237,802.90	650,368.59	MAG NAIL IN ROADWAY

BENCHMARK TABLE				
POINT NAME	Y	X	ELEV	DESCRIPTION
BM 1076	237,886	650,384	879.75	NW FLANGE BOLT ON HYDRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-149	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021103-ID-BARABOO.DWG
LAYOUT NAME - 68
PLOT DATE : 4/4/2023 6:21 PM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

2

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
A	CURB RADIUS POINT NUMBER

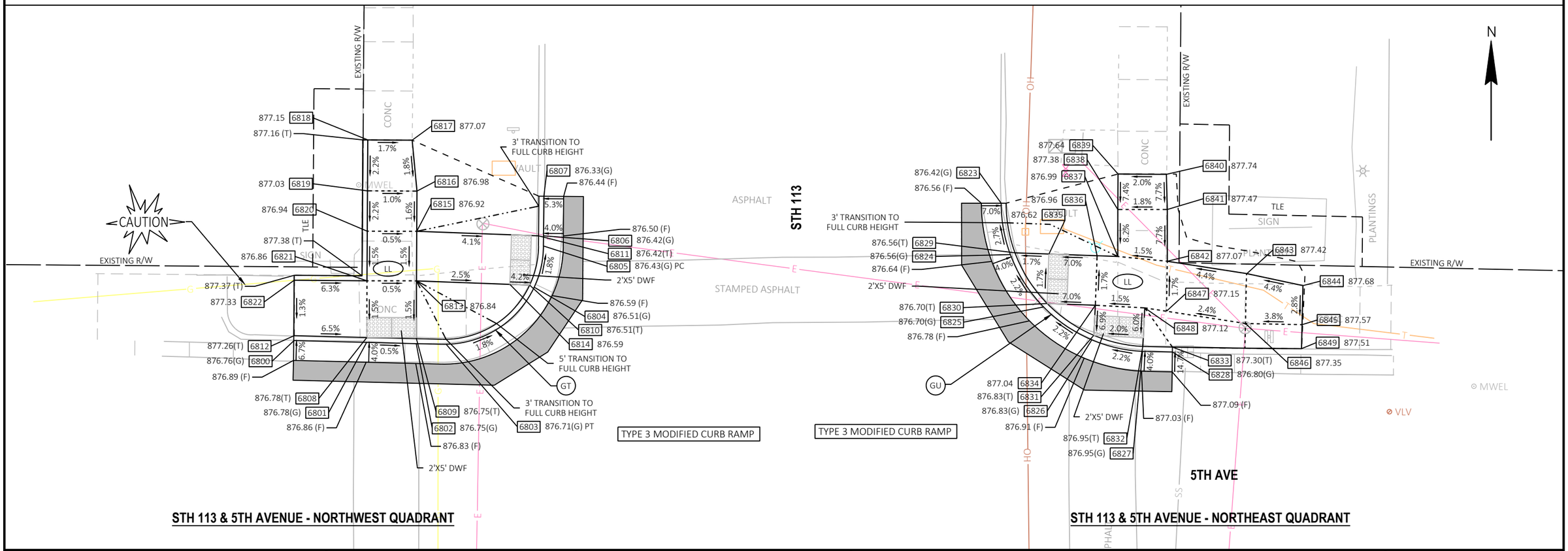
POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6800	237,877.08	650,303.09	876.76
6801	237,876.91	650,310.44	876.78
6802	237,876.79	650,315.43	876.75
6803	237,876.71	650,318.45	876.71
6804	237,882.47	650,327.34	876.51
6805	237,886.63	650,328.28	876.43
6806	237,887.65	650,328.29	876.42
6807	237,891.65	650,328.32	876.33
6808	237,877.40	650,310.45	876.78
6809	237,877.27	650,315.45	876.75
6810	237,882.68	650,326.89	876.51
6811	237,887.65	650,327.79	876.42
6812	237,877.58	650,303.11	877.26
6813	237,883.11	650,315.46	876.84
6814	237,882.75	650,324.89	876.59

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6815	237,888.11	650,315.48	876.92
6816	237,892.17	650,315.51	876.98
6817	237,897.31	650,315.03	877.07
6818	237,897.33	650,310.54	877.15
6819	237,892.20	650,310.51	877.03
6820	237,888.12	650,310.48	876.94
6821	237,883.11	650,310.46	876.86
6822	237,883.17	650,303.11	877.33
6823	237,890.95	650,374.51	876.42
6824	237,885.76	650,375.45	876.56
6825	237,880.47	650,378.80	876.70
6826	237,877.15	650,383.67	876.83
6827	237,875.99	650,388.79	876.95
6828	237,875.93	650,391.82	876.80
6829	237,885.94	650,375.91	876.56

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6830	237,880.82	650,379.16	876.70
6831	237,877.61	650,383.87	876.83
6832	237,876.48	650,388.82	876.95
6833	237,876.43	650,391.81	877.30
6834	237,880.64	650,384.03	877.04
6835	237,885.81	650,379.34	876.62
6836	237,885.64	650,384.21	876.96
6837	237,885.57	650,386.29	876.99
6838	237,890.31	650,386.29	877.38
6839	237,893.89	650,386.32	877.64
6840	237,893.86	650,391.20	877.74
6841	237,890.31	650,391.29	877.47
6842	237,885.09	650,391.29	877.07
6843	237,883.80	650,399.29	877.42
6844	237,882.63	650,405.00	877.68

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6845	237,878.68	650,404.91	877.57
6846	237,878.80	650,399.19	877.35
6847	237,880.04	650,391.21	877.15
6848	237,880.38	650,389.02	877.12
6849	237,876.27	650,404.85	877.51

RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
GT	237,886.70	650,318.28	10'
GU	237,890.97	650,389.51	15'



STH 113 & 5TH AVENUE - NORTHWEST QUADRANT

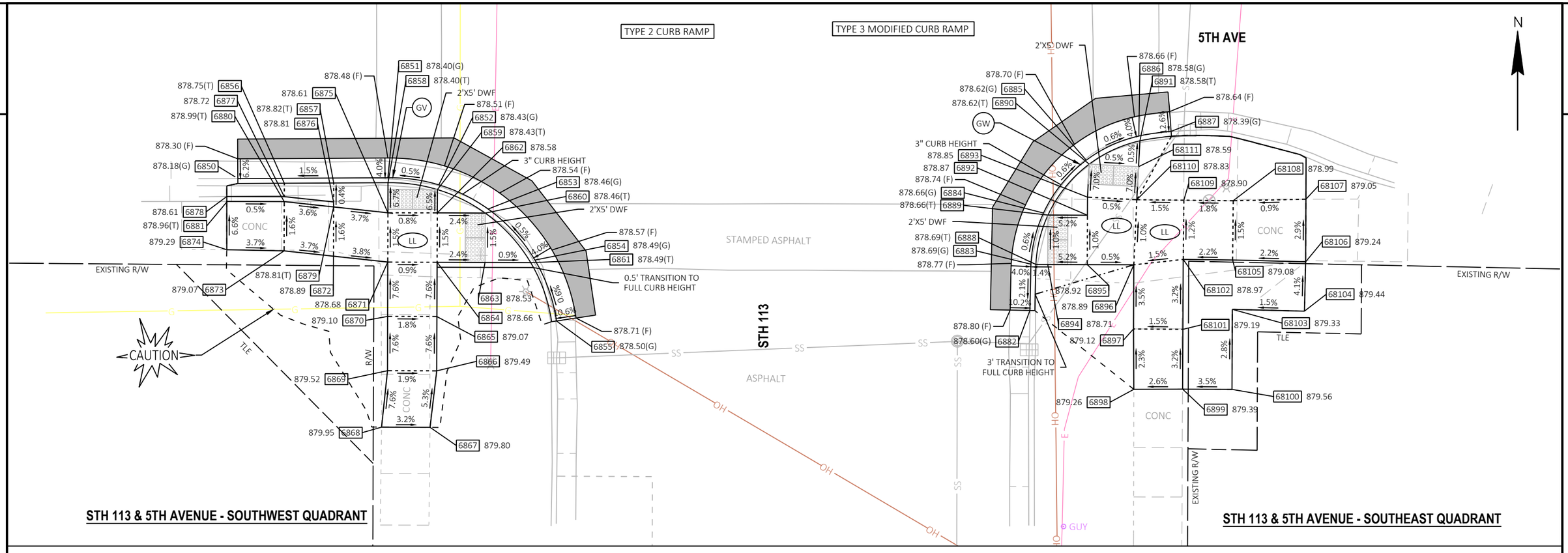
STH 113 & 5TH AVENUE - NORTHEAST QUADRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-150	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021303-CR-BARABOO.DWG
LAYOUT NAME - 68N

PLOT DATE : 4/4/2023 6:22 PM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
1	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
A	CURB RADIUS POINT NUMBER

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6850	237,827.33	650,295.10	878.18
6851	237,827.39	650,310.30	878.40
6852	237,826.69	650,315.45	878.43
6853	237,824.24	650,320.44	878.46
6854	237,819.07	650,325.18	878.49
6855	237,812.91	650,327.37	878.50
6856	237,826.85	650,299.81	878.75
6857	237,826.88	650,304.80	878.82
6858	237,826.91	650,310.31	878.40
6859	237,826.21	650,315.30	878.43
6860	237,823.83	650,320.15	878.46
6861	237,818.82	650,324.75	878.49
6862	237,823.85	650,315.30	878.58
6863	237,818.83	650,320.13	878.53
6864	237,818.85	650,315.28	878.66

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6865	237,813.35	650,315.26	879.07
6866	237,807.85	650,315.24	879.49
6867	237,802.13	650,314.56	879.80
6868	237,802.15	650,309.66	879.95
6869	237,807.87	650,310.25	879.52
6870	237,813.37	650,310.27	879.10
6871	237,818.87	650,310.28	878.68
6872	237,819.46	650,304.79	878.89
6873	237,820.00	650,299.79	879.07
6874	237,820.12	650,293.98	879.29
6875	237,823.86	650,310.30	878.61
6876	237,824.96	650,304.80	878.81
6877	237,825.50	650,299.80	878.72
6878	237,825.51	650,293.98	878.61
6879	237,824.46	650,304.80	878.81

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6880	237,825.00	650,299.80	878.99
6881	237,824.96	650,293.98	878.96
6882	237,813.96	650,375.31	878.60
6883	237,818.66	650,375.41	878.69
6884	237,823.84	650,376.68	878.66
6885	237,829.19	650,381.01	878.62
6886	237,831.63	650,386.33	878.58
6887	237,832.12	650,389.63	878.39
6888	237,818.63	650,375.91	878.69
6889	237,823.63	650,377.13	878.66
6890	237,828.79	650,381.31	878.62
6891	237,831.15	650,386.44	878.58
6892	237,823.61	650,381.13	878.87
6893	237,825.45	650,381.14	878.85
6894	237,818.63	650,377.12	878.71

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6895	237,818.61	650,381.11	878.92
6896	237,818.59	650,385.83	878.89
6897	237,812.09	650,385.80	879.12
6898	237,805.99	650,385.82	879.26
6899	237,806.00	650,390.77	879.39
68100	237,805.97	650,395.77	879.56
68101	237,812.06	650,390.79	879.19
68102	237,819.14	650,390.83	878.97
68103	237,814.08	650,395.81	879.33
68104	237,813.90	650,403.10	879.44
68105	237,819.08	650,395.83	879.08
68106	237,818.90	650,403.23	879.24
68107	237,825.23	650,403.25	879.05
68108	237,825.08	650,395.89	878.99
68109	237,825.14	650,390.89	878.90

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
68110	237,825.19	650,386.13	878.83
68111	237,828.52	650,386.30	878.59

RADIUS TABLE

POINT NUMBER	Y	X	RADIUS
GV	237,810.41	650,310.55	17'
GW	237,817.97	650,389.39	14'

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-151	E

2

LEGEND

- AS — ASPHALTIC SURFACE (MATCH ADJACENT PAVEMENT DEPTH)
- CCP — CONCRETE CURB PEDESTRIAN
- CG24D — CONCRETE CURB & GUTTER 24-INCH TYPE D
- CG30A — CONCRETE CURB & GUTTER 30-INCH TYPE A
- CG30D — CONCRETE CURB & GUTTER 30-INCH TYPE D
- CG36A — CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG36B — CONCRETE CURB & GUTTER 36-INCH BARABOO
- CP9 — CONCRETE PAVEMENT 9-INCH
- CP10 — CONCRETE PAVEMENT 10-INCH
- CSI — CONCRETE SAFETY ISLAND
- DWY7 — CONCRETE DRIVEWAY 7-INCH
- SA — SAWING ASPHALT
- SC — SAWING CONCRETE
- SOD — SOD LAWN RESTORATION
- SN01 — CONCRETE MEDIAN SLOPED NOSE TYPE 1
- SN02 — CONCRETE MEDIAN SLOPED NOSE TYPE 2
- SW5 — CONCRETE SIDEWALK 5-INCH
- G — GRADED FLARE (6:1 MAX SLOPE)
- P — PAVED FLARE (10% MAX SLOPE)
- CURB RAMP DETECTABLE WARNING FIELD YELLOW

NOTE:
SOD LAWN RESTORATION IS INCIDENTAL TO GRADING, SHAPING & FINISHING CURB RAMP OR DRIVEWAY BID ITEMS

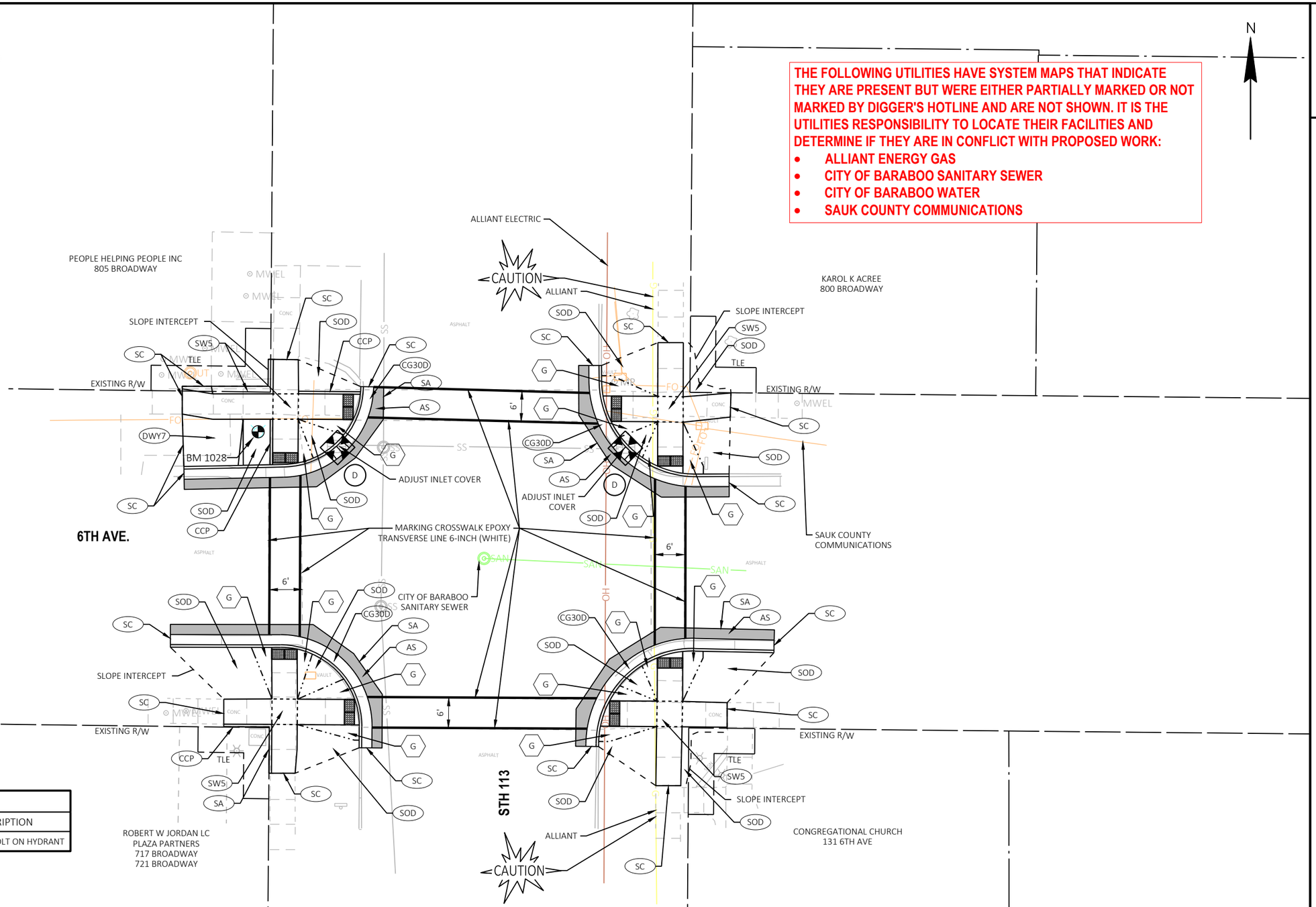
EROSION CONTROL LEGEND

- INLET PROTECTION
- D — INLET PROTECTION TYPE
- TEMPORARY DITCH CHECK
- SILT FENCE
- CULVERT PIPE CHECK

BENCHMARK TABLE				
POINT NAME	Y	X	ELEV	DESCRIPTION
BM 1028	238,224	650,310	877.70	NW FLANGE BOLT ON HYDRANT

THE FOLLOWING UTILITIES HAVE SYSTEM MAPS THAT INDICATE THEY ARE PRESENT BUT WERE EITHER PARTIALLY MARKED OR NOT MARKED BY DIGGER'S HOTLINE AND ARE NOT SHOWN. IT IS THE UTILITIES RESPONSIBILITY TO LOCATE THEIR FACILITIES AND DETERMINE IF THEY ARE IN CONFLICT WITH PROPOSED WORK:

- **ALLIANT ENERGY GAS**
- **CITY OF BARABOO SANITARY SEWER**
- **CITY OF BARABOO WATER**
- **SAUK COUNTY COMMUNICATIONS**



PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-152	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021103-ID-BARABOO.DWG
LAYOUT NAME - 69

PLOT DATE : 4/4/2023 6:23 PM PLOT BY : WHITEFOOT, DANIEL PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
(LL)	LEVEL LANDING
[1]	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
	SLOPE INTERCEPTS
	GRADED FLARE
	DETECTABLE WARNING FIELD
(A)	CURB RADIUS POINT NUMBER

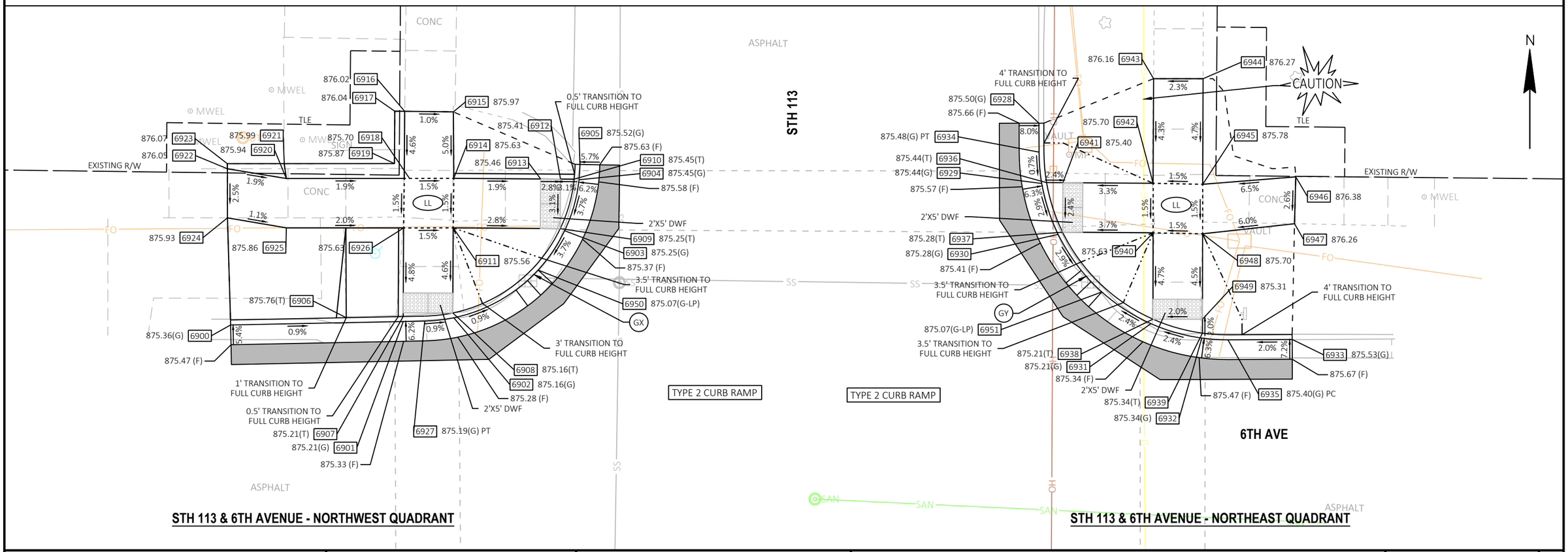
POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6900	238,216.65	650,295.20	875.36
6901	238,217.00	650,312.64	875.21
6902	238,217.37	650,317.73	875.16
6903	238,226.16	650,328.93	875.25
6904	238,231.32	650,330.39	875.45
6905	238,232.86	650,330.49	875.52
6906	238,217.38	650,306.88	875.76
6907	238,217.50	650,312.63	875.21
6908	238,217.86	650,317.63	875.16
6909	238,226.38	650,328.48	875.25
6910	238,231.37	650,329.90	875.45
6911	238,226.46	650,317.68	875.56
6912	238,231.38	650,328.52	875.41
6913	238,231.39	650,326.52	875.46
6914	238,231.46	650,317.74	875.63

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6915	238,238.17	650,317.69	875.97
6916	238,238.23	650,312.78	876.02
6917	238,238.24	650,311.78	876.04
6918	238,231.50	650,313.24	875.70
6919	238,232.95	650,311.75	875.87
6920	238,231.44	650,300.83	875.94
6921	238,232.94	650,300.61	875.99
6922	238,232.43	650,294.88	876.05
6923	238,232.94	650,294.87	876.07
6924	238,227.47	650,294.88	875.93
6925	238,226.45	650,300.83	875.86
6926	238,226.45	650,312.68	875.63
6927	238,217.04	650,314.81	875.19
6928	238,237.03	650,376.84	875.50
6929	238,230.94	650,377.12	875.44

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6930	238,225.80	650,378.78	875.28
6931	238,216.78	650,388.16	875.21
6932	238,215.33	650,393.29	875.34
6933	238,215.18	650,402.42	875.53
6934	238,234.11	650,376.85	875.48
6935	238,215.15	650,395.93	875.40
6936	238,231.03	650,377.62	875.44
6937	238,226.01	650,379.24	875.28
6938	238,217.24	650,388.36	875.21
6939	238,215.82	650,393.36	875.34
6940	238,225.96	650,388.38	875.63
6941	238,231.02	650,379.27	875.40
6942	238,230.96	650,388.38	875.70
6943	238,241.52	650,388.42	876.16
6944	238,241.52	650,393.42	876.27

POINT TABLE			
POINT NUMBER	Y	X	ELEVATION
6945	238,230.86	650,393.39	875.78
6946	238,231.61	650,402.78	876.38
6947	238,226.88	650,402.66	876.26
6948	238,225.86	650,393.38	875.70
6949	238,217.23	650,393.36	875.31
6950	238,222.20	650,326.25	875.07
6951	238,219.98	650,383.19	875.07

RADIUS TABLE			
POINT NUMBER	Y	X	RADIUS
GX	238,233.04	650,314.49	16'
GY	238,234.15	650,395.85	19'

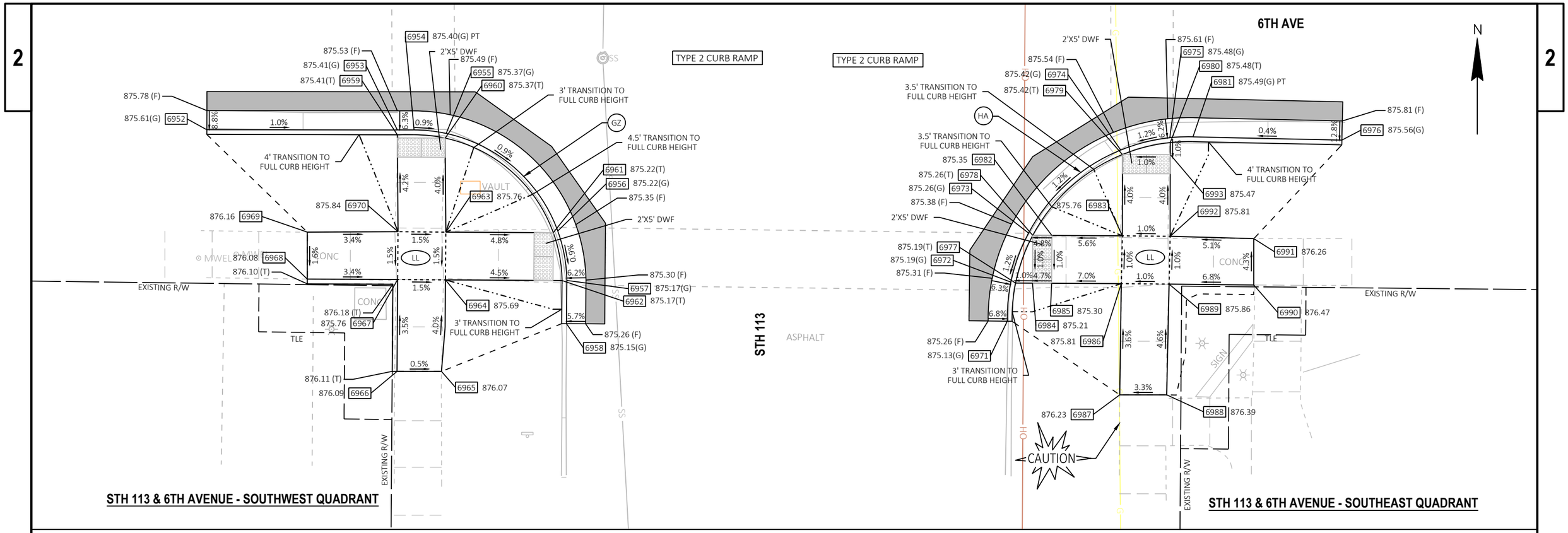


STH 113 & 6TH AVENUE - NORTHWEST QUADRANT

STH 113 & 6TH AVENUE - NORTHEAST QUADRANT

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-153	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021303-CR-BARABOO.DWG
LAYOUT NAME - 69N
PLOT DATE : 4/4/2023 6:24 PM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 6.25% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).
8. ALL RESTORATION SHALL BE TOPSOIL, FERTILIZER TYPE B, SEED MIXTURE NO. 40, SEED WATER, AND EROSION MAT URBAN CLASS I TYPE B.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	CURB FLANGE ELEVATION
XXX.XX(G)	GUTTER FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
(LL)	LEVEL LANDING
[1]	POINT NUMBER
	PROPOSED ASPHALTIC SURFACE OR CONCRETE PAVEMENT
— — — —	SLOPE INTERCEPTS
— - - —	GRADED FLARE
	DETECTABLE WARNING FIELD
(A)	CURB RADIUS POINT NUMBER

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6952	238,182.10	650,292.54	875.61
6953	238,182.07	650,312.46	875.41
6954	238,182.07	650,314.21	875.40
6955	238,181.71	650,317.57	875.37
6956	238,171.50	650,329.23	875.22
6957	238,166.33	650,330.18	875.17
6958	238,161.81	650,330.15	875.15
6959	238,181.57	650,312.46	875.41
6960	238,181.22	650,317.46	875.37
6961	238,171.33	650,328.76	875.22
6962	238,166.32	650,329.68	875.17
6963	238,171.39	650,317.53	875.76
6964	238,166.39	650,317.49	875.69
6965	238,156.82	650,317.08	876.07
6966	238,156.82	650,312.43	876.09

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6967	238,166.44	650,312.49	875.76
6968	238,166.48	650,303.04	876.08
6969	238,171.39	650,303.04	876.16
6970	238,171.44	650,312.53	875.84
6971	238,162.07	650,376.24	875.13
6972	238,166.16	650,376.63	875.19
6973	238,171.29	650,378.47	875.26
6974	238,179.97	650,388.11	875.42
6975	238,181.26	650,393.25	875.48
6976	238,181.01	650,411.24	875.56
6977	238,166.06	650,377.12	875.19
6978	238,171.05	650,378.92	875.26
6979	238,179.51	650,388.30	875.42
6980	238,180.76	650,393.30	875.48
6981	238,181.36	650,395.67	875.49

POINT TABLE

POINT NUMBER	Y	X	ELEVATION
6982	238,171.04	650,380.92	875.35
6983	238,171.00	650,388.28	875.76
6984	238,166.05	650,378.89	875.21
6985	238,166.04	650,380.89	875.30
6986	238,166.00	650,388.17	875.81
6987	238,154.37	650,388.01	876.23
6988	238,154.37	650,392.92	876.39
6989	238,165.95	650,393.17	875.86
6990	238,165.86	650,402.03	876.47
6991	238,170.71	650,402.03	876.26
6992	238,170.95	650,393.28	875.81
6993	238,179.50	650,393.30	875.47

RADIUS TABLE

POINT NUMBER	Y	X	RADIUS
GZ	238,166.07	650,314.18	16'
HA	238,162.36	650,395.25	19'

PROJECT NO: 5637-02-71	HWY: STH 23	COUNTY: SAUK	CURB RAMP DETAILS - BARABOO	SHEET 1078-154	E

FILE NAME : T:\1182708.05\CIVIL3D\56370200\SHEETSPLAN\5637-02-71\021303-CR-BARABOO.DWG
LAYOUT NAME - 69S
PLOT DATE : 4/4/2023 6:24 PM
PLOT BY : WHITEFOOT, DANIEL
PLOT NAME :
PLOT SCALE : ##########

Appendix B: Site Photographic Log

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	Baraboo/Reedsburg (Various Sites), Sauk County, WI	WisDOT ID: 5637-02-01 TRC Project: 531779

Photo No.	Date
1	4/28/2023

Description
Soil boring SB-1 at 349 E Main St. in Reedsburg.

Photo facing southwest.

Photo No.	Date
2	4/28/2023

Description
Soil sample from soil boring SB-4 at 409 E Main St. in Reedsburg.

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	Baraboo/Reedsburg (Various Sites), Sauk County, WI	WisDOT ID: 5637-02-01 TRC Project: 531779

Photo No.	Date
3	4/28/2023

Description
Location of soil boring SB-7 and SB-8 at 450 E Main St. in Reedsburg.

Photo facing north.

Photo No.	Date
4	4/28/2023

Description
Soil boring SB-9 at 1001 E Main St. in Reedsburg.

Photo facing north.

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	Baraboo/Reedsburg (Various Sites), Sauk County, WI	WisDOT ID: 5637-02-01 TRC Project: 531779

Photo No.	Date
5	4/28/2023

Description
Fill material in SB-10 (at approximately 3.5 ft bgs) at 1001 E Main St. in Reedsburg.

Photo No.	Date
6	4/28/2023

Description
805 Broadway St. (SB-11 and SB-12) in Baraboo.

Photo facing northwest.

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	Baraboo/Reedsburg (Various Sites), Sauk County, WI	WisDOT ID: 5637-02-01 TRC Project: 531779

Photo No.	Date
7	4/28/2023

Description
Site at 402 Broadway (SB-17 and SB-18) in Baraboo.

Picture taken facing northeast.

Photo No.	Date
8	4/28/2023

Description
Soil boring SB-18 from 402 Broadway in Baraboo.

Appendix C: Laboratory Analytical Report

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

May 17, 2023

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

RE: Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Dear DAN HAAK:

Enclosed are the analytical results for sample(s) received by the laboratory on May 02, 2023. 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
tod.noltemeyer@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Chris Frauen, TRC
Peggy Popp, TRC - Madison

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40261599001	**SB-1**	Solid	04/28/23 10:15	05/02/23 15:20
40261599002	**SB-2**	Solid	04/28/23 10:30	05/02/23 15:20
40261599003	**SB-3**	Solid	04/28/23 10:45	05/02/23 15:20
40261599004	**SB-4**	Solid	04/28/23 10:55	05/02/23 15:20
40261599005	**SB-5**	Solid	04/28/23 11:10	05/02/23 15:20
40261599006	**SB-6**	Solid	04/28/23 11:20	05/02/23 15:20
40261599007	**SB-7**	Solid	04/28/23 11:35	05/02/23 15:20
40261599008	**SB-8**	Solid	04/28/23 11:40	05/02/23 15:20
40261599009	**SB-9**	Solid	04/28/23 12:20	05/02/23 15:20
40261599010	**SB-10**	Solid	04/28/23 12:30	05/02/23 15:20
40261599011	**SB-11**	Solid	04/28/23 13:45	05/02/23 15:20
40261599012	**SB-12**	Solid	04/28/23 13:55	05/02/23 15:20
40261599013	**SB-13**	Solid	04/28/23 14:05	05/02/23 15:20
40261599014	**SB-14**	Solid	04/28/23 14:20	05/02/23 15:20
40261599015	**SB-15**	Solid	04/28/23 15:00	05/02/23 15:20
40261599016	**SB-16**	Solid	04/28/23 15:15	05/02/23 15:20
40261599017	**SB-17**	Solid	04/28/23 15:25	05/02/23 15:20
40261599018	**SB-18**	Solid	04/28/23 15:35	05/02/23 15:20

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40261599001	**SB-1**	WI MOD DRO	MRN	1	PASI-G
		WI MOD GRO	ALD	1	PASI-G
		EPA 6010D	SIS	1	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	EJS	1	PASI-G
40261599002	**SB-2**	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	EJS	1	PASI-G
40261599003	**SB-3**	WI MOD GRO	ALD	10	PASI-G
		ASTM D2974-87	EJS	1	PASI-G
40261599004	**SB-4**	WI MOD DRO	MRN	1	PASI-G
		WI MOD GRO	ALD	11	PASI-G
		EPA 6010D	SIS	1	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599005	**SB-5**	WI MOD GRO	ALD	10	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599006	**SB-6**	WI MOD DRO	MRN	1	PASI-G
		WI MOD GRO	ALD	11	PASI-G
		EPA 6010D	SIS	1	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599007	**SB-7**	WI MOD DRO	MRN	1	PASI-G
		WI MOD GRO	ALD	11	PASI-G
		EPA 6010D	SIS	1	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599008	**SB-8**	WI MOD GRO	ALD	10	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599009	**SB-9**	WI MOD GRO	ALD	10	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599010	**SB-10**	WI MOD DRO	MRN	1	PASI-G
		WI MOD GRO	ALD	11	PASI-G
		EPA 6010D	SIS	1	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599011	**SB-11**	WI MOD GRO	ALD	10	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599012	**SB-12**	WI MOD DRO	MRN	1	PASI-G
		WI MOD GRO	ALD	11	PASI-G
		EPA 6010D	SIS	1	PASI-G
		ASTM D2974-87	SRG	1	PASI-G

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40261599013	**SB-13**	WI MOD GRO	ALD	10	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599014	**SB-14**	WI MOD DRO	MRN	1	PASI-G
		WI MOD GRO	ALD	11	PASI-G
		EPA 6010D	SIS	1	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599015	**SB-15**	WI MOD DRO	MRN	1	PASI-G
		WI MOD GRO	ALD	11	PASI-G
		EPA 6010D	SIS	1	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599016	**SB-16**	WI MOD GRO	ALD	10	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599017	**SB-17**	WI MOD DRO	MRN	1	PASI-G
		WI MOD GRO	ALD	11	PASI-G
		EPA 6010D	SIS	1	PASI-G
		ASTM D2974-87	SRG	1	PASI-G
40261599018	**SB-18**	WI MOD GRO	ALD	10	PASI-G
		ASTM D2974-87	SRG	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40261599001	**SB-1**					
EPA 6010D	Lead	13.0	mg/kg	2.2	05/04/23 20:33	
ASTM D2974-87	Percent Moisture	10.5	%	0.10	05/03/23 09:08	
40261599002	**SB-2**					
ASTM D2974-87	Percent Moisture	8.6	%	0.10	05/03/23 09:08	
40261599003	**SB-3**					
ASTM D2974-87	Percent Moisture	16.5	%	0.10	05/03/23 09:08	
40261599004	**SB-4**					
WI MOD DRO	Diesel Range Organics	2.0J	mg/kg	4.5	05/08/23 08:07	D5
EPA 6010D	Lead	3.4	mg/kg	2.0	05/04/23 20:41	
ASTM D2974-87	Percent Moisture	7.1	%	0.10	05/03/23 17:06	
40261599005	**SB-5**					
ASTM D2974-87	Percent Moisture	7.2	%	0.10	05/03/23 17:06	
40261599006	**SB-6**					
EPA 6010D	Lead	3.1	mg/kg	2.2	05/04/23 20:45	
ASTM D2974-87	Percent Moisture	7.5	%	0.10	05/03/23 17:06	
40261599007	**SB-7**					
EPA 6010D	Lead	26.9	mg/kg	2.2	05/04/23 20:47	
ASTM D2974-87	Percent Moisture	9.1	%	0.10	05/03/23 17:06	
40261599008	**SB-8**					
ASTM D2974-87	Percent Moisture	9.0	%	0.10	05/03/23 17:07	
40261599009	**SB-9**					
ASTM D2974-87	Percent Moisture	8.9	%	0.10	05/03/23 17:07	
40261599010	**SB-10**					
EPA 6010D	Lead	17.9	mg/kg	2.2	05/04/23 20:54	
ASTM D2974-87	Percent Moisture	10.9	%	0.10	05/03/23 17:07	
40261599011	**SB-11**					
ASTM D2974-87	Percent Moisture	10.8	%	0.10	05/03/23 17:07	
40261599012	**SB-12**					
WI MOD DRO	Diesel Range Organics	2.8J	mg/kg	4.6	05/08/23 08:35	D5
EPA 6010D	Lead	10.2	mg/kg	2.1	05/04/23 20:56	
ASTM D2974-87	Percent Moisture	6.6	%	0.10	05/03/23 17:07	
40261599013	**SB-13**					
ASTM D2974-87	Percent Moisture	11.3	%	0.10	05/03/23 17:07	
40261599014	**SB-14**					
EPA 6010D	Lead	1.1J	mg/kg	2.2	05/04/23 20:58	
ASTM D2974-87	Percent Moisture	8.8	%	0.10	05/03/23 17:07	
40261599015	**SB-15**					
EPA 6010D	Lead	18.9	mg/kg	2.4	05/04/23 21:00	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40261599015	**SB-15**					
ASTM D2974-87	Percent Moisture	17.3	%	0.10	05/03/23 17:07	
40261599016	**SB-16**					
ASTM D2974-87	Percent Moisture	18.1	%	0.10	05/03/23 17:07	
40261599017	**SB-17**					
EPA 6010D	Lead	13.6	mg/kg	2.2	05/04/23 21:02	
ASTM D2974-87	Percent Moisture	13.4	%	0.10	05/03/23 17:07	
40261599018	**SB-18**					
ASTM D2974-87	Percent Moisture	7.8	%	0.10	05/03/23 17:08	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Date: May 17, 2023

Samples arrived at room temperature. Ok to analyze per Dan Haak on 5/3/23. TN

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Method: **WI MOD DRO**
Description: WIDRO GCS
Client: TRC - MADISON
Date: May 17, 2023

General Information:
9 samples were analyzed for WI MOD DRO 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 WI MOD DRO 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.

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:

Analyte Comments:

QC Batch: 444112

D5: The sample was re-weighed into a new container because the sample weight in the original container exceeded the method specifications.

- SB-1 (Lab ID: 40261599001)
  - Diesel Range Organics
- SB-10 (Lab ID: 40261599010)
  - Diesel Range Organics
- SB-12 (Lab ID: 40261599012)
  - Diesel Range Organics
- SB-14 (Lab ID: 40261599014)
  - Diesel Range Organics

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Method: **WI MOD DRO**
Description: WIDRO GCS
Client: TRC - MADISON
Date: May 17, 2023

Analyte Comments:

QC Batch: 444112

D5: The sample was re-weighed into a new container because the sample weight in the original container exceeded the method specifications.

- SB-15 (Lab ID: 40261599015)
  - Diesel Range Organics
- SB-17 (Lab ID: 40261599017)
  - Diesel Range Organics
- SB-4 (Lab ID: 40261599004)
  - Diesel Range Organics
- SB-6 (Lab ID: 40261599006)
  - Diesel Range Organics
- SB-7 (Lab ID: 40261599007)
  - Diesel Range Organics

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PROJECT NARRATIVE

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Method: **WI MOD GRO**
Description: WIGRO GCV
Client: TRC - MADISON
Date: May 17, 2023

General Information:
17 samples were analyzed for WI MOD GRO 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 TPH GRO/PVOC WI ext. 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.

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:

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PROJECT NARRATIVE

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Method: **EPA 6010D**
Description: 6010D MET ICP
Client: TRC - MADISON
Date: May 17, 2023

General Information:
9 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 3050B 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:

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PROJECT NARRATIVE

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: TRC - MADISON
Date: May 17, 2023

General Information:
2 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.

Additional Comments:

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

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-1 **Lab ID: 40261599001** Collected: 04/28/23 10:15 Received: 05/02/23 15:20 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
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay								
Diesel Range Organics	**<1.3**	mg/kg	4.4	1.3	1	05/05/23 06:32	05/08/23 07:13		D5
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<1.4**	mg/kg	2.8	1.4	1	05/09/23 08:15	05/09/23 11:02		
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**13.0**	mg/kg	2.2	0.67	1	05/04/23 07:25	05/04/23 20:33	7439-92-1	
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	**<14.8**	ug/kg	61.8	14.8	1	05/03/23 13:30	05/05/23 20:25	630-20-6	
1,1,1-Trichloroethane	**<15.8**	ug/kg	61.8	15.8	1	05/03/23 13:30	05/05/23 20:25	71-55-6	
1,1,2,2-Tetrachloroethane	**<22.4**	ug/kg	61.8	22.4	1	05/03/23 13:30	05/05/23 20:25	79-34-5	
1,1,2-Trichloroethane	**<22.5**	ug/kg	61.8	22.5	1	05/03/23 13:30	05/05/23 20:25	79-00-5	
1,1-Dichloroethane	**<15.8**	ug/kg	61.8	15.8	1	05/03/23 13:30	05/05/23 20:25	75-34-3	
1,1-Dichloroethene	**<20.5**	ug/kg	61.8	20.5	1	05/03/23 13:30	05/05/23 20:25	75-35-4	
1,1-Dichloropropene	**<20.0**	ug/kg	61.8	20.0	1	05/03/23 13:30	05/05/23 20:25	563-58-6	
1,2,3-Trichlorobenzene	**<68.8**	ug/kg	309	68.8	1	05/03/23 13:30	05/05/23 20:25	87-61-6	
1,2,3-Trichloropropane	**<30.0**	ug/kg	61.8	30.0	1	05/03/23 13:30	05/05/23 20:25	96-18-4	
1,2,4-Trichlorobenzene	**<50.9**	ug/kg	309	50.9	1	05/03/23 13:30	05/05/23 20:25	120-82-1	
1,2,4-Trimethylbenzene	**<18.4**	ug/kg	61.8	18.4	1	05/03/23 13:30	05/05/23 20:25	95-63-6	
1,2-Dibromo-3-chloropropane	**<47.9**	ug/kg	309	47.9	1	05/03/23 13:30	05/05/23 20:25	96-12-8	
1,2-Dibromoethane (EDB)	**<16.9**	ug/kg	61.8	16.9	1	05/03/23 13:30	05/05/23 20:25	106-93-4	
1,2-Dichlorobenzene	**<19.1**	ug/kg	61.8	19.1	1	05/03/23 13:30	05/05/23 20:25	95-50-1	
1,2-Dichloroethane	**<14.2**	ug/kg	61.8	14.2	1	05/03/23 13:30	05/05/23 20:25	107-06-2	
1,2-Dichloropropane	**<14.7**	ug/kg	61.8	14.7	1	05/03/23 13:30	05/05/23 20:25	78-87-5	
1,3,5-Trimethylbenzene	**<19.9**	ug/kg	61.8	19.9	1	05/03/23 13:30	05/05/23 20:25	108-67-8	
1,3-Dichlorobenzene	**<16.9**	ug/kg	61.8	16.9	1	05/03/23 13:30	05/05/23 20:25	541-73-1	
1,3-Dichloropropane	**<13.5**	ug/kg	61.8	13.5	1	05/03/23 13:30	05/05/23 20:25	142-28-9	
1,4-Dichlorobenzene	**<16.9**	ug/kg	61.8	16.9	1	05/03/23 13:30	05/05/23 20:25	106-46-7	
2,2-Dichloropropane	**<16.7**	ug/kg	61.8	16.7	1	05/03/23 13:30	05/05/23 20:25	594-20-7	
2-Chlorotoluene	**<20.0**	ug/kg	61.8	20.0	1	05/03/23 13:30	05/05/23 20:25	95-49-8	
4-Chlorotoluene	**<23.5**	ug/kg	61.8	23.5	1	05/03/23 13:30	05/05/23 20:25	106-43-4	
Benzene	**<14.7**	ug/kg	24.7	14.7	1	05/03/23 13:30	05/05/23 20:25	71-43-2	
Bromobenzene	**<24.1**	ug/kg	61.8	24.1	1	05/03/23 13:30	05/05/23 20:25	108-86-1	
Bromochloromethane	**<16.9**	ug/kg	61.8	16.9	1	05/03/23 13:30	05/05/23 20:25	74-97-5	
Bromodichloromethane	**<14.7**	ug/kg	61.8	14.7	1	05/03/23 13:30	05/05/23 20:25	75-27-4	
Bromoform	**<272**	ug/kg	309	272	1	05/03/23 13:30	05/05/23 20:25	75-25-2	
Bromomethane	**<86.6**	ug/kg	309	86.6	1	05/03/23 13:30	05/05/23 20:25	74-83-9	
Carbon tetrachloride	**<13.6**	ug/kg	61.8	13.6	1	05/03/23 13:30	05/05/23 20:25	56-23-5	
Chlorobenzene	**<7.4**	ug/kg	61.8	7.4	1	05/03/23 13:30	05/05/23 20:25	108-90-7	
Chloroethane	**<26.1**	ug/kg	309	26.1	1	05/03/23 13:30	05/05/23 20:25	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-1 **Lab ID: 40261599001** Collected: 04/28/23 10:15 Received: 05/02/23 15:20 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								
Chloroform	**<44.2**	ug/kg	309	44.2	1	05/03/23 13:30	05/05/23 20:25	67-66-3	
Chloromethane	**<23.5**	ug/kg	61.8	23.5	1	05/03/23 13:30	05/05/23 20:25	74-87-3	
Dibromochloromethane	**<211**	ug/kg	309	211	1	05/03/23 13:30	05/05/23 20:25	124-48-1	
Dibromomethane	**<18.3**	ug/kg	61.8	18.3	1	05/03/23 13:30	05/05/23 20:25	74-95-3	
Dichlorodifluoromethane	**<26.6**	ug/kg	61.8	26.6	1	05/03/23 13:30	05/05/23 20:25	75-71-8	
Diisopropyl ether	**<15.3**	ug/kg	61.8	15.3	1	05/03/23 13:30	05/05/23 20:25	108-20-3	
Ethylbenzene	**<14.7**	ug/kg	61.8	14.7	1	05/03/23 13:30	05/05/23 20:25	100-41-4	
Hexachloro-1,3-butadiene	**<123**	ug/kg	309	123	1	05/03/23 13:30	05/05/23 20:25	87-68-3	
Isopropylbenzene (Cumene)	**<16.7**	ug/kg	61.8	16.7	1	05/03/23 13:30	05/05/23 20:25	98-82-8	
Methyl-tert-butyl ether	**<18.2**	ug/kg	61.8	18.2	1	05/03/23 13:30	05/05/23 20:25	1634-04-4	
Methylene Chloride	**<17.2**	ug/kg	61.8	17.2	1	05/03/23 13:30	05/05/23 20:25	75-09-2	
Naphthalene	**<19.3**	ug/kg	309	19.3	1	05/03/23 13:30	05/05/23 20:25	91-20-3	
Styrene	**<15.8**	ug/kg	61.8	15.8	1	05/03/23 13:30	05/05/23 20:25	100-42-5	
Tetrachloroethene	**<24.0**	ug/kg	61.8	24.0	1	05/03/23 13:30	05/05/23 20:25	127-18-4	
Toluene	**<15.6**	ug/kg	61.8	15.6	1	05/03/23 13:30	05/05/23 20:25	108-88-3	
Trichloroethene	**<23.1**	ug/kg	61.8	23.1	1	05/03/23 13:30	05/05/23 20:25	79-01-6	
Trichlorofluoromethane	**<17.9**	ug/kg	61.8	17.9	1	05/03/23 13:30	05/05/23 20:25	75-69-4	
Vinyl chloride	**<12.5**	ug/kg	61.8	12.5	1	05/03/23 13:30	05/05/23 20:25	75-01-4	
cis-1,2-Dichloroethene	**<13.2**	ug/kg	61.8	13.2	1	05/03/23 13:30	05/05/23 20:25	156-59-2	
cis-1,3-Dichloropropene	**<40.8**	ug/kg	309	40.8	1	05/03/23 13:30	05/05/23 20:25	10061-01-5	
m&p-Xylene	**<26.1**	ug/kg	124	26.1	1	05/03/23 13:30	05/05/23 20:25	179601-23-1	
n-Butylbenzene	**<28.3**	ug/kg	61.8	28.3	1	05/03/23 13:30	05/05/23 20:25	104-51-8	
n-Propylbenzene	**<14.8**	ug/kg	61.8	14.8	1	05/03/23 13:30	05/05/23 20:25	103-65-1	
o-Xylene	**<18.5**	ug/kg	61.8	18.5	1	05/03/23 13:30	05/05/23 20:25	95-47-6	
p-Isopropyltoluene	**<18.8**	ug/kg	61.8	18.8	1	05/03/23 13:30	05/05/23 20:25	99-87-6	
sec-Butylbenzene	**<15.1**	ug/kg	61.8	15.1	1	05/03/23 13:30	05/05/23 20:25	135-98-8	
tert-Butylbenzene	**<19.4**	ug/kg	61.8	19.4	1	05/03/23 13:30	05/05/23 20:25	98-06-6	
trans-1,2-Dichloroethene	**<13.3**	ug/kg	61.8	13.3	1	05/03/23 13:30	05/05/23 20:25	156-60-5	
trans-1,3-Dichloropropene	**<177**	ug/kg	309	177	1	05/03/23 13:30	05/05/23 20:25	10061-02-6	
Surrogates									
Toluene-d8 (S)	94	%	69-153		1	05/03/23 13:30	05/05/23 20:25	2037-26-5	
4-Bromofluorobenzene (S)	98	%	68-156		1	05/03/23 13:30	05/05/23 20:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	71-161		1	05/03/23 13:30	05/05/23 20:25	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.5**	%	0.10	0.10	1		05/03/23 09:08		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-2 **Lab ID: 40261599002** Collected: 04/28/23 10:30 Received: 05/02/23 15:20 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	**<14.3**	ug/kg	59.4	14.3	1	05/03/23 13:30	05/05/23 15:32	630-20-6	
1,1,1-Trichloroethane	**<15.2**	ug/kg	59.4	15.2	1	05/03/23 13:30	05/05/23 15:32	71-55-6	
1,1,2,2-Tetrachloroethane	**<21.5**	ug/kg	59.4	21.5	1	05/03/23 13:30	05/05/23 15:32	79-34-5	
1,1,2-Trichloroethane	**<21.6**	ug/kg	59.4	21.6	1	05/03/23 13:30	05/05/23 15:32	79-00-5	
1,1-Dichloroethane	**<15.2**	ug/kg	59.4	15.2	1	05/03/23 13:30	05/05/23 15:32	75-34-3	
1,1-Dichloroethene	**<19.7**	ug/kg	59.4	19.7	1	05/03/23 13:30	05/05/23 15:32	75-35-4	
1,1-Dichloropropene	**<19.3**	ug/kg	59.4	19.3	1	05/03/23 13:30	05/05/23 15:32	563-58-6	
1,2,3-Trichlorobenzene	**<66.2**	ug/kg	297	66.2	1	05/03/23 13:30	05/05/23 15:32	87-61-6	
1,2,3-Trichloropropane	**<28.9**	ug/kg	59.4	28.9	1	05/03/23 13:30	05/05/23 15:32	96-18-4	
1,2,4-Trichlorobenzene	**<49.0**	ug/kg	297	49.0	1	05/03/23 13:30	05/05/23 15:32	120-82-1	
1,2,4-Trimethylbenzene	**<17.7**	ug/kg	59.4	17.7	1	05/03/23 13:30	05/05/23 15:32	95-63-6	
1,2-Dibromo-3-chloropropane	**<46.1**	ug/kg	297	46.1	1	05/03/23 13:30	05/05/23 15:32	96-12-8	
1,2-Dibromoethane (EDB)	**<16.3**	ug/kg	59.4	16.3	1	05/03/23 13:30	05/05/23 15:32	106-93-4	
1,2-Dichlorobenzene	**<18.4**	ug/kg	59.4	18.4	1	05/03/23 13:30	05/05/23 15:32	95-50-1	
1,2-Dichloroethane	**<13.7**	ug/kg	59.4	13.7	1	05/03/23 13:30	05/05/23 15:32	107-06-2	
1,2-Dichloropropane	**<14.1**	ug/kg	59.4	14.1	1	05/03/23 13:30	05/05/23 15:32	78-87-5	
1,3,5-Trimethylbenzene	**<19.1**	ug/kg	59.4	19.1	1	05/03/23 13:30	05/05/23 15:32	108-67-8	
1,3-Dichlorobenzene	**<16.3**	ug/kg	59.4	16.3	1	05/03/23 13:30	05/05/23 15:32	541-73-1	
1,3-Dichloropropane	**<13.0**	ug/kg	59.4	13.0	1	05/03/23 13:30	05/05/23 15:32	142-28-9	
1,4-Dichlorobenzene	**<16.3**	ug/kg	59.4	16.3	1	05/03/23 13:30	05/05/23 15:32	106-46-7	
2,2-Dichloropropane	**<16.0**	ug/kg	59.4	16.0	1	05/03/23 13:30	05/05/23 15:32	594-20-7	
2-Chlorotoluene	**<19.3**	ug/kg	59.4	19.3	1	05/03/23 13:30	05/05/23 15:32	95-49-8	
4-Chlorotoluene	**<22.6**	ug/kg	59.4	22.6	1	05/03/23 13:30	05/05/23 15:32	106-43-4	
Benzene	**<14.1**	ug/kg	23.8	14.1	1	05/03/23 13:30	05/05/23 15:32	71-43-2	
Bromobenzene	**<23.2**	ug/kg	59.4	23.2	1	05/03/23 13:30	05/05/23 15:32	108-86-1	
Bromochloromethane	**<16.3**	ug/kg	59.4	16.3	1	05/03/23 13:30	05/05/23 15:32	74-97-5	
Bromodichloromethane	**<14.1**	ug/kg	59.4	14.1	1	05/03/23 13:30	05/05/23 15:32	75-27-4	
Bromoform	**<262**	ug/kg	297	262	1	05/03/23 13:30	05/05/23 15:32	75-25-2	
Bromomethane	**<83.3**	ug/kg	297	83.3	1	05/03/23 13:30	05/05/23 15:32	74-83-9	
Carbon tetrachloride	**<13.1**	ug/kg	59.4	13.1	1	05/03/23 13:30	05/05/23 15:32	56-23-5	
Chlorobenzene	**<7.1**	ug/kg	59.4	7.1	1	05/03/23 13:30	05/05/23 15:32	108-90-7	
Chloroethane	**<25.1**	ug/kg	297	25.1	1	05/03/23 13:30	05/05/23 15:32	75-00-3	
Chloroform	**<42.6**	ug/kg	297	42.6	1	05/03/23 13:30	05/05/23 15:32	67-66-3	
Chloromethane	**<22.6**	ug/kg	59.4	22.6	1	05/03/23 13:30	05/05/23 15:32	74-87-3	
Dibromochloromethane	**<203**	ug/kg	297	203	1	05/03/23 13:30	05/05/23 15:32	124-48-1	
Dibromomethane	**<17.6**	ug/kg	59.4	17.6	1	05/03/23 13:30	05/05/23 15:32	74-95-3	
Dichlorodifluoromethane	**<25.6**	ug/kg	59.4	25.6	1	05/03/23 13:30	05/05/23 15:32	75-71-8	
Diisopropyl ether	**<14.7**	ug/kg	59.4	14.7	1	05/03/23 13:30	05/05/23 15:32	108-20-3	
Ethylbenzene	**<14.1**	ug/kg	59.4	14.1	1	05/03/23 13:30	05/05/23 15:32	100-41-4	
Hexachloro-1,3-butadiene	**<118**	ug/kg	297	118	1	05/03/23 13:30	05/05/23 15:32	87-68-3	
Isopropylbenzene (Cumene)	**<16.0**	ug/kg	59.4	16.0	1	05/03/23 13:30	05/05/23 15:32	98-82-8	
Methyl-tert-butyl ether	**<17.5**	ug/kg	59.4	17.5	1	05/03/23 13:30	05/05/23 15:32	1634-04-4	
Methylene Chloride	**<16.5**	ug/kg	59.4	16.5	1	05/03/23 13:30	05/05/23 15:32	75-09-2	
Naphthalene	**<18.5**	ug/kg	297	18.5	1	05/03/23 13:30	05/05/23 15:32	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-2 **Lab ID: 40261599002** Collected: 04/28/23 10:30 Received: 05/02/23 15:20 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	59.4	15.2	1	05/03/23 13:30	05/05/23 15:32	100-42-5	
Tetrachloroethene	**<23.1**	ug/kg	59.4	23.1	1	05/03/23 13:30	05/05/23 15:32	127-18-4	
Toluene	**<15.0**	ug/kg	59.4	15.0	1	05/03/23 13:30	05/05/23 15:32	108-88-3	
Trichloroethene	**<22.2**	ug/kg	59.4	22.2	1	05/03/23 13:30	05/05/23 15:32	79-01-6	
Trichlorofluoromethane	**<17.2**	ug/kg	59.4	17.2	1	05/03/23 13:30	05/05/23 15:32	75-69-4	
Vinyl chloride	**<12.0**	ug/kg	59.4	12.0	1	05/03/23 13:30	05/05/23 15:32	75-01-4	
cis-1,2-Dichloroethene	**<12.7**	ug/kg	59.4	12.7	1	05/03/23 13:30	05/05/23 15:32	156-59-2	
cis-1,3-Dichloropropene	**<39.2**	ug/kg	297	39.2	1	05/03/23 13:30	05/05/23 15:32	10061-01-5	
m&p-Xylene	**<25.1**	ug/kg	119	25.1	1	05/03/23 13:30	05/05/23 15:32	179601-23-1	
n-Butylbenzene	**<27.2**	ug/kg	59.4	27.2	1	05/03/23 13:30	05/05/23 15:32	104-51-8	
n-Propylbenzene	**<14.3**	ug/kg	59.4	14.3	1	05/03/23 13:30	05/05/23 15:32	103-65-1	
o-Xylene	**<17.8**	ug/kg	59.4	17.8	1	05/03/23 13:30	05/05/23 15:32	95-47-6	
p-Isopropyltoluene	**<18.1**	ug/kg	59.4	18.1	1	05/03/23 13:30	05/05/23 15:32	99-87-6	
sec-Butylbenzene	**<14.5**	ug/kg	59.4	14.5	1	05/03/23 13:30	05/05/23 15:32	135-98-8	
tert-Butylbenzene	**<18.7**	ug/kg	59.4	18.7	1	05/03/23 13:30	05/05/23 15:32	98-06-6	
trans-1,2-Dichloroethene	**<12.8**	ug/kg	59.4	12.8	1	05/03/23 13:30	05/05/23 15:32	156-60-5	
trans-1,3-Dichloropropene	**<170**	ug/kg	297	170	1	05/03/23 13:30	05/05/23 15:32	10061-02-6	
Surrogates									
Toluene-d8 (S)	116	%	69-153		1	05/03/23 13:30	05/05/23 15:32	2037-26-5	
4-Bromofluorobenzene (S)	133	%	68-156		1	05/03/23 13:30	05/05/23 15:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	136	%	71-161		1	05/03/23 13:30	05/05/23 15:32	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.6**	%	0.10	0.10	1		05/03/23 09:08		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-3 **Lab ID: 40261599003** Collected: 04/28/23 10:45 Received: 05/02/23 15:20 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
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
	Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<29.9**	ug/kg	59.9	29.9	1	05/08/23 11:00	05/08/23 17:27	95-63-6	
1,3,5-Trimethylbenzene	**<29.9**	ug/kg	59.9	29.9	1	05/08/23 11:00	05/08/23 17:27	108-67-8	
Benzene	**<29.9**	ug/kg	59.9	29.9	1	05/08/23 11:00	05/08/23 17:27	71-43-2	
Ethylbenzene	**<29.9**	ug/kg	59.9	29.9	1	05/08/23 11:00	05/08/23 17:27	100-41-4	
Methyl-tert-butyl ether	**<29.9**	ug/kg	59.9	29.9	1	05/08/23 11:00	05/08/23 17:27	1634-04-4	
Naphthalene	**<29.9**	ug/kg	59.9	29.9	1	05/08/23 11:00	05/08/23 17:27	91-20-3	
Toluene	**<29.9**	ug/kg	59.9	29.9	1	05/08/23 11:00	05/08/23 17:27	108-88-3	
m&p-Xylene	**<59.9**	ug/kg	120	59.9	1	05/08/23 11:00	05/08/23 17:27	179601-23-1	
o-Xylene	**<29.9**	ug/kg	59.9	29.9	1	05/08/23 11:00	05/08/23 17:27	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	05/08/23 11:00	05/08/23 17:27	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Green Bay								
Percent Moisture	**16.5**	%	0.10	0.10	1		05/03/23 09:08		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-4 **Lab ID: 40261599004** Collected: 04/28/23 10:55 Received: 05/02/23 15:20 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
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay								
Diesel Range Organics	**2.0J**	mg/kg	4.5	1.4	1	05/05/23 06:32	05/08/23 08:07		D5
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<26.9**	ug/kg	53.8	26.9	1	05/08/23 11:00	05/08/23 17:53	95-63-6	
1,3,5-Trimethylbenzene	**<26.9**	ug/kg	53.8	26.9	1	05/08/23 11:00	05/08/23 17:53	108-67-8	
Benzene	**<26.9**	ug/kg	53.8	26.9	1	05/08/23 11:00	05/08/23 17:53	71-43-2	
Ethylbenzene	**<26.9**	ug/kg	53.8	26.9	1	05/08/23 11:00	05/08/23 17:53	100-41-4	
Gasoline Range Organics	**<1.3**	mg/kg	2.7	1.3	1	05/08/23 11:00	05/08/23 17:53		
Methyl-tert-butyl ether	**<26.9**	ug/kg	53.8	26.9	1	05/08/23 11:00	05/08/23 17:53	1634-04-4	
Naphthalene	**<26.9**	ug/kg	53.8	26.9	1	05/08/23 11:00	05/08/23 17:53	91-20-3	
Toluene	**<26.9**	ug/kg	53.8	26.9	1	05/08/23 11:00	05/08/23 17:53	108-88-3	
m&p-Xylene	**<53.8**	ug/kg	108	53.8	1	05/08/23 11:00	05/08/23 17:53	179601-23-1	
o-Xylene	**<26.9**	ug/kg	53.8	26.9	1	05/08/23 11:00	05/08/23 17:53	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	05/08/23 11:00	05/08/23 17:53	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**3.4**	mg/kg	2.0	0.59	1	05/04/23 07:25	05/04/23 20:41	7439-92-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.1**	%	0.10	0.10	1		05/03/23 17:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-5 **Lab ID: 40261599005** Collected: 04/28/23 11:10 Received: 05/02/23 15:20 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
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
	Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<26.9**	ug/kg	53.9	26.9	1	05/08/23 11:00	05/08/23 18:19	95-63-6	
1,3,5-Trimethylbenzene	**<26.9**	ug/kg	53.9	26.9	1	05/08/23 11:00	05/08/23 18:19	108-67-8	
Benzene	**<26.9**	ug/kg	53.9	26.9	1	05/08/23 11:00	05/08/23 18:19	71-43-2	
Ethylbenzene	**<26.9**	ug/kg	53.9	26.9	1	05/08/23 11:00	05/08/23 18:19	100-41-4	
Methyl-tert-butyl ether	**<26.9**	ug/kg	53.9	26.9	1	05/08/23 11:00	05/08/23 18:19	1634-04-4	
Naphthalene	**<26.9**	ug/kg	53.9	26.9	1	05/08/23 11:00	05/08/23 18:19	91-20-3	
Toluene	**<26.9**	ug/kg	53.9	26.9	1	05/08/23 11:00	05/08/23 18:19	108-88-3	
m&p-Xylene	**<53.9**	ug/kg	108	53.9	1	05/08/23 11:00	05/08/23 18:19	179601-23-1	
o-Xylene	**<26.9**	ug/kg	53.9	26.9	1	05/08/23 11:00	05/08/23 18:19	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	05/08/23 11:00	05/08/23 18:19	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Green Bay								
Percent Moisture	**7.2**	%	0.10	0.10	1		05/03/23 17:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-6 **Lab ID: 40261599006** Collected: 04/28/23 11:20 Received: 05/02/23 15:20 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
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay								
Diesel Range Organics	**<1.4**	mg/kg	4.7	1.4	1	05/05/23 06:32	05/08/23 08:17		D5
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<27.0**	ug/kg	54.1	27.0	1	05/08/23 11:00	05/08/23 18:44	95-63-6	
1,3,5-Trimethylbenzene	**<27.0**	ug/kg	54.1	27.0	1	05/08/23 11:00	05/08/23 18:44	108-67-8	
Benzene	**<27.0**	ug/kg	54.1	27.0	1	05/08/23 11:00	05/08/23 18:44	71-43-2	
Ethylbenzene	**<27.0**	ug/kg	54.1	27.0	1	05/08/23 11:00	05/08/23 18:44	100-41-4	
Gasoline Range Organics	**<1.3**	mg/kg	2.7	1.3	1	05/08/23 11:00	05/08/23 18:44		
Methyl-tert-butyl ether	**<27.0**	ug/kg	54.1	27.0	1	05/08/23 11:00	05/08/23 18:44	1634-04-4	
Naphthalene	**<27.0**	ug/kg	54.1	27.0	1	05/08/23 11:00	05/08/23 18:44	91-20-3	
Toluene	**<27.0**	ug/kg	54.1	27.0	1	05/08/23 11:00	05/08/23 18:44	108-88-3	
m&p-Xylene	**<54.1**	ug/kg	108	54.1	1	05/08/23 11:00	05/08/23 18:44	179601-23-1	
o-Xylene	**<27.0**	ug/kg	54.1	27.0	1	05/08/23 11:00	05/08/23 18:44	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	05/08/23 11:00	05/08/23 18:44	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**3.1**	mg/kg	2.2	0.64	1	05/04/23 07:25	05/04/23 20:45	7439-92-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.5**	%	0.10	0.10	1		05/03/23 17:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-7 **Lab ID: 40261599007** Collected: 04/28/23 11:35 Received: 05/02/23 15:20 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
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay								
Diesel Range Organics	**<1.4**	mg/kg	4.5	1.4	1	05/05/23 06:32	05/08/23 09:29		D5
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<27.5**	ug/kg	55.0	27.5	1	05/08/23 11:00	05/08/23 19:10	95-63-6	
1,3,5-Trimethylbenzene	**<27.5**	ug/kg	55.0	27.5	1	05/08/23 11:00	05/08/23 19:10	108-67-8	
Benzene	**<27.5**	ug/kg	55.0	27.5	1	05/08/23 11:00	05/08/23 19:10	71-43-2	
Ethylbenzene	**<27.5**	ug/kg	55.0	27.5	1	05/08/23 11:00	05/08/23 19:10	100-41-4	
Gasoline Range Organics	**<1.4**	mg/kg	2.8	1.4	1	05/08/23 11:00	05/08/23 19:10		
Methyl-tert-butyl ether	**<27.5**	ug/kg	55.0	27.5	1	05/08/23 11:00	05/08/23 19:10	1634-04-4	
Naphthalene	**<27.5**	ug/kg	55.0	27.5	1	05/08/23 11:00	05/08/23 19:10	91-20-3	
Toluene	**<27.5**	ug/kg	55.0	27.5	1	05/08/23 11:00	05/08/23 19:10	108-88-3	
m&p-Xylene	**<55.0**	ug/kg	110	55.0	1	05/08/23 11:00	05/08/23 19:10	179601-23-1	
o-Xylene	**<27.5**	ug/kg	55.0	27.5	1	05/08/23 11:00	05/08/23 19:10	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	05/08/23 11:00	05/08/23 19:10	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**26.9**	mg/kg	2.2	0.65	1	05/04/23 07:25	05/04/23 20:47	7439-92-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.1**	%	0.10	0.10	1		05/03/23 17:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-8 **Lab ID: 40261599008** Collected: 04/28/23 11:40 Received: 05/02/23 15:20 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
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
	Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<27.5**	ug/kg	54.9	27.5	1	05/08/23 11:00	05/08/23 19:36	95-63-6	
1,3,5-Trimethylbenzene	**<27.5**	ug/kg	54.9	27.5	1	05/08/23 11:00	05/08/23 19:36	108-67-8	
Benzene	**<27.5**	ug/kg	54.9	27.5	1	05/08/23 11:00	05/08/23 19:36	71-43-2	
Ethylbenzene	**<27.5**	ug/kg	54.9	27.5	1	05/08/23 11:00	05/08/23 19:36	100-41-4	
Methyl-tert-butyl ether	**<27.5**	ug/kg	54.9	27.5	1	05/08/23 11:00	05/08/23 19:36	1634-04-4	
Naphthalene	**<27.5**	ug/kg	54.9	27.5	1	05/08/23 11:00	05/08/23 19:36	91-20-3	
Toluene	**<27.5**	ug/kg	54.9	27.5	1	05/08/23 11:00	05/08/23 19:36	108-88-3	
m&p-Xylene	**<54.9**	ug/kg	110	54.9	1	05/08/23 11:00	05/08/23 19:36	179601-23-1	
o-Xylene	**<27.5**	ug/kg	54.9	27.5	1	05/08/23 11:00	05/08/23 19:36	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	05/08/23 11:00	05/08/23 19:36	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Green Bay								
Percent Moisture	**9.0**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-9 **Lab ID: 40261599009** Collected: 04/28/23 12:20 Received: 05/02/23 15:20 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
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
	Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<27.4**	ug/kg	54.9	27.4	1	05/08/23 11:00	05/08/23 20:01	95-63-6	
1,3,5-Trimethylbenzene	**<27.4**	ug/kg	54.9	27.4	1	05/08/23 11:00	05/08/23 20:01	108-67-8	
Benzene	**<27.4**	ug/kg	54.9	27.4	1	05/08/23 11:00	05/08/23 20:01	71-43-2	
Ethylbenzene	**<27.4**	ug/kg	54.9	27.4	1	05/08/23 11:00	05/08/23 20:01	100-41-4	
Methyl-tert-butyl ether	**<27.4**	ug/kg	54.9	27.4	1	05/08/23 11:00	05/08/23 20:01	1634-04-4	
Naphthalene	**<27.4**	ug/kg	54.9	27.4	1	05/08/23 11:00	05/08/23 20:01	91-20-3	
Toluene	**<27.4**	ug/kg	54.9	27.4	1	05/08/23 11:00	05/08/23 20:01	108-88-3	
m&p-Xylene	**<54.9**	ug/kg	110	54.9	1	05/08/23 11:00	05/08/23 20:01	179601-23-1	
o-Xylene	**<27.4**	ug/kg	54.9	27.4	1	05/08/23 11:00	05/08/23 20:01	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	05/08/23 11:00	05/08/23 20:01	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Green Bay								
Percent Moisture	**8.9**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-10 **Lab ID: 40261599010** Collected: 04/28/23 12:30 Received: 05/02/23 15:20 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
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay								
Diesel Range Organics	**<1.4**	mg/kg	4.6	1.4	1	05/05/23 06:32	05/08/23 08:26		D5
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<28.1**	ug/kg	56.1	28.1	1	05/08/23 11:00	05/08/23 20:27	95-63-6	
1,3,5-Trimethylbenzene	**<28.1**	ug/kg	56.1	28.1	1	05/08/23 11:00	05/08/23 20:27	108-67-8	
Benzene	**<28.1**	ug/kg	56.1	28.1	1	05/08/23 11:00	05/08/23 20:27	71-43-2	
Ethylbenzene	**<28.1**	ug/kg	56.1	28.1	1	05/08/23 11:00	05/08/23 20:27	100-41-4	
Gasoline Range Organics	**<1.4**	mg/kg	2.8	1.4	1	05/08/23 11:00	05/08/23 20:27		
Methyl-tert-butyl ether	**<28.1**	ug/kg	56.1	28.1	1	05/08/23 11:00	05/08/23 20:27	1634-04-4	
Naphthalene	**<28.1**	ug/kg	56.1	28.1	1	05/08/23 11:00	05/08/23 20:27	91-20-3	
Toluene	**<28.1**	ug/kg	56.1	28.1	1	05/08/23 11:00	05/08/23 20:27	108-88-3	
m&p-Xylene	**<56.1**	ug/kg	112	56.1	1	05/08/23 11:00	05/08/23 20:27	179601-23-1	
o-Xylene	**<28.1**	ug/kg	56.1	28.1	1	05/08/23 11:00	05/08/23 20:27	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	05/08/23 11:00	05/08/23 20:27	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**17.9**	mg/kg	2.2	0.66	1	05/04/23 07:25	05/04/23 20:54	7439-92-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.9**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-11 **Lab ID: 40261599011** Collected: 04/28/23 13:45 Received: 05/02/23 15:20 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
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
	Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<28.0**	ug/kg	56.0	28.0	1	05/08/23 11:00	05/08/23 20:53	95-63-6	
1,3,5-Trimethylbenzene	**<28.0**	ug/kg	56.0	28.0	1	05/08/23 11:00	05/08/23 20:53	108-67-8	
Benzene	**<28.0**	ug/kg	56.0	28.0	1	05/08/23 11:00	05/08/23 20:53	71-43-2	
Ethylbenzene	**<28.0**	ug/kg	56.0	28.0	1	05/08/23 11:00	05/08/23 20:53	100-41-4	
Methyl-tert-butyl ether	**<28.0**	ug/kg	56.0	28.0	1	05/08/23 11:00	05/08/23 20:53	1634-04-4	
Naphthalene	**<28.0**	ug/kg	56.0	28.0	1	05/08/23 11:00	05/08/23 20:53	91-20-3	
Toluene	**<28.0**	ug/kg	56.0	28.0	1	05/08/23 11:00	05/08/23 20:53	108-88-3	
m&p-Xylene	**<56.0**	ug/kg	112	56.0	1	05/08/23 11:00	05/08/23 20:53	179601-23-1	
o-Xylene	**<28.0**	ug/kg	56.0	28.0	1	05/08/23 11:00	05/08/23 20:53	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	05/08/23 11:00	05/08/23 20:53	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Green Bay								
Percent Moisture	**10.8**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-12 **Lab ID: 40261599012** Collected: 04/28/23 13:55 Received: 05/02/23 15:20 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
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay								
Diesel Range Organics	**2.8J**	mg/kg	4.6	1.4	1	05/05/23 06:32	05/08/23 08:35		D5
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<26.8**	ug/kg	53.5	26.8	1	05/08/23 11:00	05/08/23 21:19	95-63-6	
1,3,5-Trimethylbenzene	**<26.8**	ug/kg	53.5	26.8	1	05/08/23 11:00	05/08/23 21:19	108-67-8	
Benzene	**<26.8**	ug/kg	53.5	26.8	1	05/08/23 11:00	05/08/23 21:19	71-43-2	
Ethylbenzene	**<26.8**	ug/kg	53.5	26.8	1	05/08/23 11:00	05/08/23 21:19	100-41-4	
Gasoline Range Organics	**<1.3**	mg/kg	2.7	1.3	1	05/08/23 11:00	05/08/23 21:19		
Methyl-tert-butyl ether	**<26.8**	ug/kg	53.5	26.8	1	05/08/23 11:00	05/08/23 21:19	1634-04-4	
Naphthalene	**<26.8**	ug/kg	53.5	26.8	1	05/08/23 11:00	05/08/23 21:19	91-20-3	
Toluene	**<26.8**	ug/kg	53.5	26.8	1	05/08/23 11:00	05/08/23 21:19	108-88-3	
m&p-Xylene	**<53.5**	ug/kg	107	53.5	1	05/08/23 11:00	05/08/23 21:19	179601-23-1	
o-Xylene	**<26.8**	ug/kg	53.5	26.8	1	05/08/23 11:00	05/08/23 21:19	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	05/08/23 11:00	05/08/23 21:19	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**10.2**	mg/kg	2.1	0.62	1	05/04/23 07:25	05/04/23 20:56	7439-92-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**6.6**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-13 **Lab ID: 40261599013** Collected: 04/28/23 14:05 Received: 05/02/23 15:20 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
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
	Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<28.2**	ug/kg	56.4	28.2	1	05/08/23 11:00	05/08/23 22:36	95-63-6	
1,3,5-Trimethylbenzene	**<28.2**	ug/kg	56.4	28.2	1	05/08/23 11:00	05/08/23 22:36	108-67-8	
Benzene	**<28.2**	ug/kg	56.4	28.2	1	05/08/23 11:00	05/08/23 22:36	71-43-2	
Ethylbenzene	**<28.2**	ug/kg	56.4	28.2	1	05/08/23 11:00	05/08/23 22:36	100-41-4	
Methyl-tert-butyl ether	**<28.2**	ug/kg	56.4	28.2	1	05/08/23 11:00	05/08/23 22:36	1634-04-4	
Naphthalene	**<28.2**	ug/kg	56.4	28.2	1	05/08/23 11:00	05/08/23 22:36	91-20-3	
Toluene	**<28.2**	ug/kg	56.4	28.2	1	05/08/23 11:00	05/08/23 22:36	108-88-3	
m&p-Xylene	**<56.4**	ug/kg	113	56.4	1	05/08/23 11:00	05/08/23 22:36	179601-23-1	
o-Xylene	**<28.2**	ug/kg	56.4	28.2	1	05/08/23 11:00	05/08/23 22:36	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1	05/08/23 11:00	05/08/23 22:36	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Green Bay								
Percent Moisture	**11.3**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-14 **Lab ID: 40261599014** Collected: 04/28/23 14:20 Received: 05/02/23 15:20 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
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay								
Diesel Range Organics	**<1.4**	mg/kg	4.5	1.4	1	05/05/23 06:32	05/08/23 08:44		D5
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<27.4**	ug/kg	54.8	27.4	1	05/08/23 11:00	05/08/23 23:02	95-63-6	
1,3,5-Trimethylbenzene	**<27.4**	ug/kg	54.8	27.4	1	05/08/23 11:00	05/08/23 23:02	108-67-8	
Benzene	**<27.4**	ug/kg	54.8	27.4	1	05/08/23 11:00	05/08/23 23:02	71-43-2	
Ethylbenzene	**<27.4**	ug/kg	54.8	27.4	1	05/08/23 11:00	05/08/23 23:02	100-41-4	
Gasoline Range Organics	**<1.4**	mg/kg	2.7	1.4	1	05/08/23 11:00	05/08/23 23:02		
Methyl-tert-butyl ether	**<27.4**	ug/kg	54.8	27.4	1	05/08/23 11:00	05/08/23 23:02	1634-04-4	
Naphthalene	**<27.4**	ug/kg	54.8	27.4	1	05/08/23 11:00	05/08/23 23:02	91-20-3	
Toluene	**<27.4**	ug/kg	54.8	27.4	1	05/08/23 11:00	05/08/23 23:02	108-88-3	
m&p-Xylene	**<54.8**	ug/kg	110	54.8	1	05/08/23 11:00	05/08/23 23:02	179601-23-1	
o-Xylene	**<27.4**	ug/kg	54.8	27.4	1	05/08/23 11:00	05/08/23 23:02	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	05/08/23 11:00	05/08/23 23:02	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**1.1J**	mg/kg	2.2	0.65	1	05/04/23 07:25	05/04/23 20:58	7439-92-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.8**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-15 **Lab ID: 40261599015** Collected: 04/28/23 15:00 Received: 05/02/23 15:20 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
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay								
Diesel Range Organics	**<1.6**	mg/kg	5.2	1.6	1	05/05/23 06:32	05/08/23 08:53		D5
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<30.2**	ug/kg	60.5	30.2	1	05/08/23 11:00	05/08/23 23:27	95-63-6	
1,3,5-Trimethylbenzene	**<30.2**	ug/kg	60.5	30.2	1	05/08/23 11:00	05/08/23 23:27	108-67-8	
Benzene	**<30.2**	ug/kg	60.5	30.2	1	05/08/23 11:00	05/08/23 23:27	71-43-2	
Ethylbenzene	**<30.2**	ug/kg	60.5	30.2	1	05/08/23 11:00	05/08/23 23:27	100-41-4	
Gasoline Range Organics	**<1.5**	mg/kg	3.0	1.5	1	05/08/23 11:00	05/08/23 23:27		
Methyl-tert-butyl ether	**<30.2**	ug/kg	60.5	30.2	1	05/08/23 11:00	05/08/23 23:27	1634-04-4	
Naphthalene	**<30.2**	ug/kg	60.5	30.2	1	05/08/23 11:00	05/08/23 23:27	91-20-3	
Toluene	**<30.2**	ug/kg	60.5	30.2	1	05/08/23 11:00	05/08/23 23:27	108-88-3	
m&p-Xylene	**<60.5**	ug/kg	121	60.5	1	05/08/23 11:00	05/08/23 23:27	179601-23-1	
o-Xylene	**<30.2**	ug/kg	60.5	30.2	1	05/08/23 11:00	05/08/23 23:27	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	05/08/23 11:00	05/08/23 23:27	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**18.9**	mg/kg	2.4	0.72	1	05/04/23 07:25	05/04/23 21:00	7439-92-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**17.3**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-16 **Lab ID: 40261599016** Collected: 04/28/23 15:15 Received: 05/02/23 15:20 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
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
	Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<30.5**	ug/kg	61.1	30.5	1	05/08/23 11:00	05/08/23 23:53	95-63-6	
1,3,5-Trimethylbenzene	**<30.5**	ug/kg	61.1	30.5	1	05/08/23 11:00	05/08/23 23:53	108-67-8	
Benzene	**<30.5**	ug/kg	61.1	30.5	1	05/08/23 11:00	05/08/23 23:53	71-43-2	
Ethylbenzene	**<30.5**	ug/kg	61.1	30.5	1	05/08/23 11:00	05/08/23 23:53	100-41-4	
Methyl-tert-butyl ether	**<30.5**	ug/kg	61.1	30.5	1	05/08/23 11:00	05/08/23 23:53	1634-04-4	
Naphthalene	**<30.5**	ug/kg	61.1	30.5	1	05/08/23 11:00	05/08/23 23:53	91-20-3	
Toluene	**<30.5**	ug/kg	61.1	30.5	1	05/08/23 11:00	05/08/23 23:53	108-88-3	
m&p-Xylene	**<61.1**	ug/kg	122	61.1	1	05/08/23 11:00	05/08/23 23:53	179601-23-1	
o-Xylene	**<30.5**	ug/kg	61.1	30.5	1	05/08/23 11:00	05/08/23 23:53	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	05/08/23 11:00	05/08/23 23:53	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Green Bay								
Percent Moisture	**18.1**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-17 **Lab ID: 40261599017** Collected: 04/28/23 15:25 Received: 05/02/23 15:20 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
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay								
Diesel Range Organics	**<1.4**	mg/kg	4.8	1.4	1	05/05/23 06:32	05/08/23 09:02		D5
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<28.9**	ug/kg	57.7	28.9	1	05/08/23 11:00	05/09/23 00:19	95-63-6	
1,3,5-Trimethylbenzene	**<28.9**	ug/kg	57.7	28.9	1	05/08/23 11:00	05/09/23 00:19	108-67-8	
Benzene	**<28.9**	ug/kg	57.7	28.9	1	05/08/23 11:00	05/09/23 00:19	71-43-2	
Ethylbenzene	**<28.9**	ug/kg	57.7	28.9	1	05/08/23 11:00	05/09/23 00:19	100-41-4	
Gasoline Range Organics	**<1.4**	mg/kg	2.9	1.4	1	05/08/23 11:00	05/09/23 00:19		
Methyl-tert-butyl ether	**<28.9**	ug/kg	57.7	28.9	1	05/08/23 11:00	05/09/23 00:19	1634-04-4	
Naphthalene	**<28.9**	ug/kg	57.7	28.9	1	05/08/23 11:00	05/09/23 00:19	91-20-3	
Toluene	**<28.9**	ug/kg	57.7	28.9	1	05/08/23 11:00	05/09/23 00:19	108-88-3	
m&p-Xylene	**<57.7**	ug/kg	115	57.7	1	05/08/23 11:00	05/09/23 00:19	179601-23-1	
o-Xylene	**<28.9**	ug/kg	57.7	28.9	1	05/08/23 11:00	05/09/23 00:19	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	05/08/23 11:00	05/09/23 00:19	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Lead	**13.6**	mg/kg	2.2	0.67	1	05/04/23 07:25	05/04/23 21:02	7439-92-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.4**	%	0.10	0.10	1		05/03/23 17:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Sample: SB-18 **Lab ID: 40261599018** Collected: 04/28/23 15:35 Received: 05/02/23 15:20 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
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
	Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	**<27.1**	ug/kg	54.2	27.1	1	05/08/23 11:00	05/09/23 00:45	95-63-6	
1,3,5-Trimethylbenzene	**<27.1**	ug/kg	54.2	27.1	1	05/08/23 11:00	05/09/23 00:45	108-67-8	
Benzene	**<27.1**	ug/kg	54.2	27.1	1	05/08/23 11:00	05/09/23 00:45	71-43-2	
Ethylbenzene	**<27.1**	ug/kg	54.2	27.1	1	05/08/23 11:00	05/09/23 00:45	100-41-4	
Methyl-tert-butyl ether	**<27.1**	ug/kg	54.2	27.1	1	05/08/23 11:00	05/09/23 00:45	1634-04-4	
Naphthalene	**<27.1**	ug/kg	54.2	27.1	1	05/08/23 11:00	05/09/23 00:45	91-20-3	
Toluene	**<27.1**	ug/kg	54.2	27.1	1	05/08/23 11:00	05/09/23 00:45	108-88-3	
m&p-Xylene	**<54.2**	ug/kg	108	54.2	1	05/08/23 11:00	05/09/23 00:45	179601-23-1	
o-Xylene	**<27.1**	ug/kg	54.2	27.1	1	05/08/23 11:00	05/09/23 00:45	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	05/08/23 11:00	05/09/23 00:45	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Green Bay								
Percent Moisture	**7.8**	%	0.10	0.10	1		05/03/23 17:08		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

QC Batch: 444287
QC Batch Method: TPH GRO/PVOC WI ext.
Analysis Method: WI MOD GRO
Analysis Description: WIGRO Solid GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40261599003, 40261599004, 40261599005, 40261599006, 40261599007, 40261599008, 40261599009, 40261599010, 40261599011, 40261599012, 40261599013, 40261599014, 40261599015, 40261599016, 40261599017, 40261599018

METHOD BLANK: 2550720 Matrix: Solid
Associated Lab Samples: 40261599003, 40261599004, 40261599005, 40261599006, 40261599007, 40261599008, 40261599009, 40261599010, 40261599011, 40261599012, 40261599013, 40261599014, 40261599015, 40261599016, 40261599017, 40261599018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	50.0	05/08/23 15:45	
1,3,5-Trimethylbenzene	ug/kg	<25.0	50.0	05/08/23 15:45	
Benzene	ug/kg	<25.0	50.0	05/08/23 15:45	
Ethylbenzene	ug/kg	<25.0	50.0	05/08/23 15:45	
Gasoline Range Organics	mg/kg	<1.2	2.5	05/08/23 15:45	
m&p-Xylene	ug/kg	<50.0	100	05/08/23 15:45	
Methyl-tert-butyl ether	ug/kg	<25.0	50.0	05/08/23 15:45	
Naphthalene	ug/kg	<25.0	50.0	05/08/23 15:45	
o-Xylene	ug/kg	<25.0	50.0	05/08/23 15:45	
Toluene	ug/kg	<25.0	50.0	05/08/23 15:45	
a,a,a-Trifluorotoluene (S)	%	102	80-120	05/08/23 15:45	

LABORATORY CONTROL SAMPLE & LCSD: 2550721 2550722

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1010	1090	101	109	80-120	7	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1030	1100	103	110	80-120	7	20	
Benzene	ug/kg	1000	995	1060	99	106	80-120	7	20	
Ethylbenzene	ug/kg	1000	1050	1130	105	113	80-120	7	20	
Gasoline Range Organics	mg/kg	10	9.7	11.1	97	111	80-120	14	20	
m&p-Xylene	ug/kg	2000	2080	2240	104	112	80-120	7	20	
Methyl-tert-butyl ether	ug/kg	1000	983	1040	98	104	80-120	6	20	
Naphthalene	ug/kg	1000	1040	1140	104	114	80-120	9	20	
o-Xylene	ug/kg	1000	1020	1120	102	112	80-120	9	20	
Toluene	ug/kg	1000	1010	1060	101	106	80-120	5	20	
a,a,a-Trifluorotoluene (S)	%				103	101	80-120			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

QC Batch: 444363
QC Batch Method: TPH GRO/PVOC WI ext.
Analysis Method: WI MOD GRO
Analysis Description: WIGRO Solid GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40261599001

METHOD BLANK: 2550980 Matrix: Solid
Associated Lab Samples: 40261599001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	<1.2	2.5	05/09/23 09:45	
a,a,a-Trifluorotoluene (S)	%	103	80-120	05/09/23 09:45	

LABORATORY CONTROL SAMPLE & LCSD: 2550981 2550982

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	10	9.7	10.0	97	100	80-120	3	20	
a,a,a-Trifluorotoluene (S)	%				105	104	80-120			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

QC Batch: 444009
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40261599001, 40261599004, 40261599006, 40261599007, 40261599010, 40261599012, 40261599014, 40261599015, 40261599017

METHOD BLANK: 2549092 Matrix: Solid
Associated Lab Samples: 40261599001, 40261599004, 40261599006, 40261599007, 40261599010, 40261599012, 40261599014, 40261599015, 40261599017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.60	2.0	05/04/23 20:29	

LABORATORY CONTROL SAMPLE: 2549093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	25	25.9	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2549094 2549095

Parameter	Units	40261599001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	13.0	27.8	27.9	40.5	40.0	99	97	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

QC Batch: 443967
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40261599001, 40261599002

METHOD BLANK: 2548854 Matrix: Solid
Associated Lab Samples: 40261599001, 40261599002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	05/05/23 11:37	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	05/05/23 11:37	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	05/05/23 11:37	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	05/05/23 11:37	
1,1-Dichloroethane	ug/kg	<12.8	50.0	05/05/23 11:37	
1,1-Dichloroethene	ug/kg	<16.6	50.0	05/05/23 11:37	
1,1-Dichloropropene	ug/kg	<16.2	50.0	05/05/23 11:37	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	05/05/23 11:37	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	05/05/23 11:37	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	05/05/23 11:37	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	05/05/23 11:37	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	05/05/23 11:37	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	05/05/23 11:37	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	05/05/23 11:37	
1,2-Dichloroethane	ug/kg	<11.5	50.0	05/05/23 11:37	
1,2-Dichloropropane	ug/kg	<11.9	50.0	05/05/23 11:37	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	05/05/23 11:37	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	05/05/23 11:37	
1,3-Dichloropropane	ug/kg	<10.9	50.0	05/05/23 11:37	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	05/05/23 11:37	
2,2-Dichloropropane	ug/kg	<13.5	50.0	05/05/23 11:37	
2-Chlorotoluene	ug/kg	<16.2	50.0	05/05/23 11:37	
4-Chlorotoluene	ug/kg	<19.0	50.0	05/05/23 11:37	
Benzene	ug/kg	<11.9	20.0	05/05/23 11:37	
Bromobenzene	ug/kg	<19.5	50.0	05/05/23 11:37	
Bromochloromethane	ug/kg	<13.7	50.0	05/05/23 11:37	
Bromodichloromethane	ug/kg	<11.9	50.0	05/05/23 11:37	
Bromoform	ug/kg	<220	250	05/05/23 11:37	
Bromomethane	ug/kg	<70.1	250	05/05/23 11:37	
Carbon tetrachloride	ug/kg	<11.0	50.0	05/05/23 11:37	
Chlorobenzene	ug/kg	<6.0	50.0	05/05/23 11:37	
Chloroethane	ug/kg	<21.1	250	05/05/23 11:37	
Chloroform	ug/kg	<35.8	250	05/05/23 11:37	
Chloromethane	ug/kg	<19.0	50.0	05/05/23 11:37	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	05/05/23 11:37	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	05/05/23 11:37	
Dibromochloromethane	ug/kg	<171	250	05/05/23 11:37	
Dibromomethane	ug/kg	<14.8	50.0	05/05/23 11:37	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	05/05/23 11:37	
Diisopropyl ether	ug/kg	<12.4	50.0	05/05/23 11:37	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

METHOD BLANK: 2548854 Matrix: Solid
Associated Lab Samples: 40261599001, 40261599002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	05/05/23 11:37	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	05/05/23 11:37	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	05/05/23 11:37	
m&p-Xylene	ug/kg	<21.1	100	05/05/23 11:37	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	05/05/23 11:37	
Methylene Chloride	ug/kg	<13.9	50.0	05/05/23 11:37	
n-Butylbenzene	ug/kg	24.5J	50.0	05/05/23 11:37	
n-Propylbenzene	ug/kg	<12.0	50.0	05/05/23 11:37	
Naphthalene	ug/kg	<15.6	250	05/05/23 11:37	
o-Xylene	ug/kg	<15.0	50.0	05/05/23 11:37	
p-Isopropyltoluene	ug/kg	16.3J	50.0	05/05/23 11:37	
sec-Butylbenzene	ug/kg	15.0J	50.0	05/05/23 11:37	
Styrene	ug/kg	<12.8	50.0	05/05/23 11:37	
tert-Butylbenzene	ug/kg	<15.7	50.0	05/05/23 11:37	
Tetrachloroethene	ug/kg	<19.4	50.0	05/05/23 11:37	
Toluene	ug/kg	<12.6	50.0	05/05/23 11:37	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	05/05/23 11:37	
trans-1,3-Dichloropropene	ug/kg	<143	250	05/05/23 11:37	
Trichloroethene	ug/kg	<18.7	50.0	05/05/23 11:37	
Trichlorofluoromethane	ug/kg	<14.5	50.0	05/05/23 11:37	
Vinyl chloride	ug/kg	<10.1	50.0	05/05/23 11:37	
1,2-Dichlorobenzene-d4 (S)	%	109	71-161	05/05/23 11:37	
4-Bromofluorobenzene (S)	%	109	68-156	05/05/23 11:37	
Toluene-d8 (S)	%	101	69-153	05/05/23 11:37	

LABORATORY CONTROL SAMPLE: 2548855

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2540	102	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	3140	126	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2490	100	70-130	
1,1-Dichloroethane	ug/kg	2500	2620	105	70-130	
1,1-Dichloroethene	ug/kg	2500	2410	96	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2830	113	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2990	120	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2620	105	70-130	
1,2-Dichlorobenzene	ug/kg	2500	3030	121	70-130	
1,2-Dichloroethane	ug/kg	2500	2820	113	70-130	
1,2-Dichloropropane	ug/kg	2500	2530	101	80-123	
1,3-Dichlorobenzene	ug/kg	2500	3000	120	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2810	113	70-130	
Benzene	ug/kg	2500	2480	99	70-130	
Bromodichloromethane	ug/kg	2500	2360	94	70-130	
Bromoform	ug/kg	2500	2480	99	60-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

LABORATORY CONTROL SAMPLE: 2548855

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	3310	133	45-153	
Carbon tetrachloride	ug/kg	2500	2520	101	70-130	
Chlorobenzene	ug/kg	2500	2730	109	70-130	
Chloroethane	ug/kg	2500	2750	110	55-160	
Chloroform	ug/kg	2500	2530	101	80-120	
Chloromethane	ug/kg	2500	1790	72	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2600	104	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2500	100	70-130	
Dibromochloromethane	ug/kg	2500	2510	100	70-130	
Dichlorodifluoromethane	ug/kg	2500	1500	60	16-83	
Ethylbenzene	ug/kg	2500	2620	105	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2660	106	70-130	
m&p-Xylene	ug/kg	5000	5270	105	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2520	101	65-130	
Methylene Chloride	ug/kg	2500	2680	107	70-130	
o-Xylene	ug/kg	2500	2620	105	70-130	
Styrene	ug/kg	2500	3250	130	70-130	
Tetrachloroethene	ug/kg	2500	2730	109	70-130	
Toluene	ug/kg	2500	2570	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2510	101	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2540	102	70-130	
Trichloroethene	ug/kg	2500	2530	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2570	103	70-130	
Vinyl chloride	ug/kg	2500	1970	79	59-114	
1,2-Dichlorobenzene-d4 (S)	%			123	71-161	
4-Bromofluorobenzene (S)	%			122	68-156	
Toluene-d8 (S)	%			105	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2548856 2548857

Parameter	Units	40261599002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<15.2	1190	1190	962	1040	81	87	69-130	8	20	
1,1,2,2-Tetrachloroethane	ug/kg	<21.5	1190	1190	1220	1160	103	97	70-130	5	20	
1,1,2-Trichloroethane	ug/kg	<21.6	1190	1190	1110	1110	94	93	70-130	0	20	
1,1-Dichloroethane	ug/kg	<15.2	1190	1190	1100	1150	93	97	70-130	4	20	
1,1-Dichloroethene	ug/kg	<19.7	1190	1190	795	981	67	83	55-120	21	22	
1,2,4-Trichlorobenzene	ug/kg	<49.0	1190	1190	1310	1270	110	107	67-130	3	20	
1,2-Dibromo-3-chloropropane	ug/kg	<46.1	1190	1190	1120	1160	94	98	70-130	4	22	
1,2-Dibromoethane (EDB)	ug/kg	<16.3	1190	1190	1170	1130	98	95	70-130	3	20	
1,2-Dichlorobenzene	ug/kg	<18.4	1190	1190	1290	1300	108	109	70-130	1	20	
1,2-Dichloroethane	ug/kg	<13.7	1190	1190	1260	1230	106	103	70-130	3	20	
1,2-Dichloropropane	ug/kg	<14.1	1190	1190	1160	1110	98	93	80-123	4	20	
1,3-Dichlorobenzene	ug/kg	<16.3	1190	1190	1280	1230	108	104	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2548856 2548857

Parameter	Units	40261599002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/kg	<16.3	1190	1190	1200	1220	101	102	70-130	1	20	
Benzene	ug/kg	<14.1	1190	1190	1050	1070	89	90	70-130	1	20	
Bromodichloromethane	ug/kg	<14.1	1190	1190	1050	1050	89	88	70-130	0	20	
Bromoform	ug/kg	<262	1190	1190	947	933	80	79	60-130	1	20	
Bromomethane	ug/kg	<83.3	1190	1190	1380	1450	116	122	38-153	5	20	
Carbon tetrachloride	ug/kg	<13.1	1190	1190	837	926	70	78	62-130	10	20	
Chlorobenzene	ug/kg	<7.1	1190	1190	1180	1210	100	102	70-130	2	20	
Chloroethane	ug/kg	<25.1	1190	1190	1120	1290	94	108	53-160	14	24	
Chloroform	ug/kg	<42.6	1190	1190	1240	1170	104	98	80-120	5	20	
Chloromethane	ug/kg	<22.6	1190	1190	665	661	56	56	10-130	0	20	
cis-1,2-Dichloroethene	ug/kg	<12.7	1190	1190	1100	1220	93	103	70-130	10	20	
cis-1,3-Dichloropropene	ug/kg	<39.2	1190	1190	1080	1120	91	94	70-130	4	20	
Dibromochloromethane	ug/kg	<203	1190	1190	1010	1030	85	87	70-130	2	20	
Dichlorodifluoromethane	ug/kg	<25.6	1190	1190	268	313	23	26	10-83	16	31	
Ethylbenzene	ug/kg	<14.1	1190	1190	1050	1170	89	99	80-120	11	20	
Isopropylbenzene (Cumene)	ug/kg	<16.0	1190	1190	1070	1120	90	94	70-130	5	20	
m&p-Xylene	ug/kg	<25.1	2370	2370	2180	2350	92	99	70-130	8	20	
Methyl-tert-butyl ether	ug/kg	<17.5	1190	1190	1160	1090	97	91	66-130	6	20	
Methylene Chloride	ug/kg	<16.5	1190	1190	1170	1130	98	95	70-130	3	20	
o-Xylene	ug/kg	<17.8	1190	1190	1120	1150	95	96	70-130	2	20	
Styrene	ug/kg	<15.2	1190	1190	1380	1400	116	118	70-130	1	20	
Tetrachloroethene	ug/kg	<23.1	1190	1190	1000	1130	84	95	69-130	12	20	
Toluene	ug/kg	<15.0	1190	1190	1080	1110	91	93	79-120	2	20	
trans-1,2-Dichloroethene	ug/kg	<12.8	1190	1190	1000	1070	84	90	70-130	7	20	
trans-1,3-Dichloropropene	ug/kg	<170	1190	1190	1070	1080	90	91	69-130	1	20	
Trichloroethene	ug/kg	<22.2	1190	1190	1020	1100	86	92	70-130	8	20	
Trichlorofluoromethane	ug/kg	<17.2	1190	1190	709	839	60	71	50-130	17	22	
Vinyl chloride	ug/kg	<12.0	1190	1190	650	727	55	61	26-114	11	20	
1,2-Dichlorobenzene-d4 (S)	%						125	124	71-161			
4-Bromofluorobenzene (S)	%						126	124	68-156			
Toluene-d8 (S)	%						118	115	69-153			

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

QC Batch: 444112
QC Batch Method: WI MOD DRO
Analysis Method: WI MOD DRO
Analysis Description: WIDRO GCS
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40261599001, 40261599004, 40261599006, 40261599007, 40261599010, 40261599012, 40261599014, 40261599015, 40261599017

METHOD BLANK: 2549734 Matrix: Solid
Associated Lab Samples: 40261599001, 40261599004, 40261599006, 40261599007, 40261599010, 40261599012, 40261599014, 40261599015, 40261599017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	<1.3	4.3	05/08/23 06:55	

LABORATORY CONTROL SAMPLE & LCSD: 2549735 2549736

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	40	38.5	38.3	96	96	70-120	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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

QC Batch: 443904
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40261599001, 40261599002, 40261599003

SAMPLE DUPLICATE: 2548589

Parameter	Units	40261561008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.6	9.4	2	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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

QC Batch: 443976
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40261599004, 40261599005, 40261599006, 40261599007, 40261599008, 40261599009, 40261599010, 40261599011, 40261599012, 40261599013, 40261599014, 40261599015, 40261599016, 40261599017, 40261599018

SAMPLE DUPLICATE: 2548932

Parameter	Units	40261614001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.5	7.5	0	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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

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

D5	The sample was re-weighed into a new container because the sample weight in the original container exceeded the method specifications.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261599001	SB-1	WI MOD DRO	444112	WI MOD DRO	444144
40261599004	SB-4	WI MOD DRO	444112	WI MOD DRO	444144
40261599006	SB-6	WI MOD DRO	444112	WI MOD DRO	444144
40261599007	SB-7	WI MOD DRO	444112	WI MOD DRO	444144
40261599010	SB-10	WI MOD DRO	444112	WI MOD DRO	444144
40261599012	SB-12	WI MOD DRO	444112	WI MOD DRO	444144
40261599014	SB-14	WI MOD DRO	444112	WI MOD DRO	444144
40261599015	SB-15	WI MOD DRO	444112	WI MOD DRO	444144
40261599017	SB-17	WI MOD DRO	444112	WI MOD DRO	444144
40261599001	SB-1	TPH GRO/PVOC WI ext.	444363	WI MOD GRO	444368
40261599003	SB-3	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599004	SB-4	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599005	SB-5	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599006	SB-6	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599007	SB-7	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599008	SB-8	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599009	SB-9	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599010	SB-10	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599011	SB-11	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599012	SB-12	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599013	SB-13	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599014	SB-14	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599015	SB-15	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599016	SB-16	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599017	SB-17	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599018	SB-18	TPH GRO/PVOC WI ext.	444287	WI MOD GRO	444289
40261599001	SB-1	EPA 3050B	444009	EPA 6010D	444088
40261599004	SB-4	EPA 3050B	444009	EPA 6010D	444088
40261599006	SB-6	EPA 3050B	444009	EPA 6010D	444088
40261599007	SB-7	EPA 3050B	444009	EPA 6010D	444088
40261599010	SB-10	EPA 3050B	444009	EPA 6010D	444088
40261599012	SB-12	EPA 3050B	444009	EPA 6010D	444088
40261599014	SB-14	EPA 3050B	444009	EPA 6010D	444088
40261599015	SB-15	EPA 3050B	444009	EPA 6010D	444088
40261599017	SB-17	EPA 3050B	444009	EPA 6010D	444088
40261599001	SB-1	EPA 5035/5030B	443967	EPA 8260	443970
40261599002	SB-2	EPA 5035/5030B	443967	EPA 8260	443970
40261599001	SB-1	ASTM D2974-87	443904		
40261599002	SB-2	ASTM D2974-87	443904		
40261599003	SB-3	ASTM D2974-87	443904		
40261599004	SB-4	ASTM D2974-87	443976		
40261599005	SB-5	ASTM D2974-87	443976		
40261599006	SB-6	ASTM D2974-87	443976		
40261599007	SB-7	ASTM D2974-87	443976		
40261599008	SB-8	ASTM D2974-87	443976		
40261599009	SB-9	ASTM D2974-87	443976		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 531779 DOT RAMPS
Pace Project No.: 40261599

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261599010	**SB-10**	ASTM D2974-87	443976		
40261599011	**SB-11**	ASTM D2974-87	443976		
40261599012	**SB-12**	ASTM D2974-87	443976		
40261599013	**SB-13**	ASTM D2974-87	443976		
40261599014	**SB-14**	ASTM D2974-87	443976		
40261599015	**SB-15**	ASTM D2974-87	443976		
40261599016	**SB-16**	ASTM D2974-87	443976		
40261599017	**SB-17**	ASTM D2974-87	443976		
40261599018	**SB-18**	ASTM D2974-87	443976		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40261599

ALL SHADED AREAS are for LAB USE ONLY

Company: TRC	Billing Information: TRC 999 Fourier Dr Suite 101 Madison, WI 53717
Address: 999 Fourier Dr Suite 101	
Report To: Dan Haak	Email To:
Copy To: Erica Lawson Chris Fraver	Site Collection Info/Address: Reedsburg / Baraboo
Customer Project Name/Number: DOT Ramps 531779	State: WI County/City: Sauk Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: 262-239-9649 Email: cfraver@TRCcompanies	Site/Facility ID #: 531779 Compliance Monitoring? [ ] Yes [X] No
Collected By (print): Chris Fraver	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: 10 day TAT Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **: | Lab Project Manager:

** Preservative Types. (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC	PVOC	DRO	GRO	Lead	Lab Sample # / Comments
SB-1	SL	G	4/28/23	10:15					X		X	X	X	001
SB-2				10:30					X			X	X	002
SB-3				10:45						X		X	X	003
SB-4				10:55						X	X	X	X	004
SB-5				11:10						X		X	X	005
SB-6				11:20						X	X	X	X	006
SB-7				11:35						X	X	X	X	007
SB-8				11:40						X			X	008
SB-9				12:20						X			X	009
SB-10				12:30						X	X	X	X	010

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: ET

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2829328

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: oC
Cooler 1 Therm Corr. Factor: oC
Cooler 1 Corrected Temp: oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Chris Fraver	4/28/23 17:30		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fedex	5-2-23 1520	Rodney Pace	5-2-23 1520
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40261599

ALL SHADED AREAS are for LAB USE ONLY

Company: TRC	Billing Information: TRC 999 Fourier Dr Suite 101 Madison, WI 53717 dhaak@TRCcompanies.com clawson@TRCcompanies.com cfraven@TRCcompanies.com
Address: 999 Fourier Dr Suite 101	
Report To: Dan Haak	Email To:
Copy To: Erica Lawson	Site Collection Info/Address: Reedsburg / Baraboo
Customer Project Name/Number: DOT Ramps 531779	State: WI County/City: Sauk Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: 531779 Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Chris Fraven	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: 10 day TAT Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **: | Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses | Lab Profile/Line:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC	PVOC	DRO	GRO	Lead	Lab Profile/Line
SB-11	SL	G	4/28/23	13:45						X				011
SB-12				13:55						X	X	X	X	012
SB-13				14:05						X				013
SB-14				14:20						X	X	X	X	014
SB-15				15:00						X	X	X	X	015
SB-16				15:15						X				016
SB-17				15:25						X	X	X	X	017
SB-18				15:35						X				018
										X				

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2829329

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: (1)
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Chris Fraven	4/28/23 17:30		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fedex	5-2-23 1520	Rodney Pace	5-2-23 1520
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum: (1)
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

of: _____

Client Name: TRC

Sample Preservation Receipt Form

Project # 40261599

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

Lab Lot# of pH paper:

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

Initial when completed:

Date/ Time:

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	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
001																		2		1		1												2.5 / 5
002																		2		1														2.5 / 5
003																		2		1														2.5 / 5
004																		2		1		1												2.5 / 5
005																		2		1														2.5 / 5
006																		2		1		1												2.5 / 5
007																		2		1		1												2.5 / 5
008																		2		1														2.5 / 5
009																		2		1														2.5 / 5
010																		2		1		1												2.5 / 5
011																		2		1														2.5 / 5
012																		2		1		1												2.5 / 5
013																		2		1														2.5 / 5
014																		2		1		1												2.5 / 5
015																		2		1		1												2.5 / 5
016																		2		1														2.5 / 5
017																		2		1		1												2.5 / 5
018																		2		1														2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

R.A 5-2-23

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	VG9C	40 mL clear ascorbic w/ HCl	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
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40261599

40261599

Client Name: TRC

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

Tracking #: 3976 4346 0945

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 - 121 **Type of Ice:** Wet Blue Dry None ☒ Meltwater Only

Cooler Temperature Uncorr: 13.5 /Corr: 13.0

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: 5-2-23 /Initials: R.A

Labeled By Initials: SG

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☒Yes ☐No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☐Yes ☒No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
Correct Type: (Pace Green Bay) Pace IR, Non-Pace		
Containers Intact:	☐Yes ☒No R.A 5-2-23	10. VG9M on SB17 came broken R.A 5-2-23
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	☐Yes ☒No ☐N/A	12. COC says SP-4 on jars should be SB-4 SB-10 SB-10, SB-17 vials info washed away, matched with other samples in same bags R.A 5-2-23
Trip Blank Present:	☐Yes ☒No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☐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 logi

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Appendix D: Contamination Beyond Construction Limits

stp-107-100 Notice to Contractor – Contamination Beyond Construction Limits.

Previous environmental investigations were completed by others at locations within this project where excavation is required. The laboratory testing results indicated that contaminated soil and/or groundwater is present beyond the project limits at the following locations:

1. 349 E. Main St., Reedsburg, WI, Station 109+80 to 110+40, from the reference line to project limits left, from 2 to 8+ feet below grade.
2. 403 E. Main St., Reedsburg, WI, Station 110+63 to 111+18, from the reference line to project limits left, from 5.5 to 8+ feet below grade.

Contaminated soil and/or groundwater is known to be present at the above locations. The contamination is expected to be beyond the excavation limits necessary to complete the work under this project. Control construction operations near these locations to ensure that they do not extend beyond the excavation limits indicated in the plans. If contaminated soil and/or groundwater is encountered near these locations or elsewhere on the project during excavation, terminate excavation in the area and notify the engineer.

Groundwater monitoring wells may be present within the construction limits. If encountered, 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 identifying 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.

The Hazardous Materials Report is available by contacting:

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3550 Mormon Coulee Road
La Crosse, WI 54601
608-785-9961
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stp-107-100 (20230113)