Phase 1 Hazardous Materials Assessment

WisDOT Project ID: 8939-08-05
CTH E
CTH I to CTH A
St. Croix County

Prepared for:

St. Croix County Highway Department
920 3rd Street
Hammond, WI 54015

September 2018

HireSmart®

September 2018
8939-08-05

Phase 1 Hazardous Materials Assessment

WisDOT Project ID: 8939-08-05
CTH E
CTH I to CTH A
St. Croix County

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Ayres Associates Project No. 41-0738.01
File: v:\env\ec\secr-wm\41-0738.01\180917r.docx

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List of Appendices

1.0 Executive Summary

The St. Croix County Highway Department retained Ayres Associates to conduct a Phase 1 Hazardous Materials Site Assessment (HMA) of a section of County Highway E (CTH E), measuring approximately 1 mile between CTH I and CTH A (hereinafter "project corridor").

The objective of the Phase 1 HMA is to provide documentation of existing environmental conditions along the project corridor so as to limit St. Croix County's potential environmental liabilities, avoid costly construction emergencies and delay, and to address worker safety during construction of the project. The Phase 1 HMA includes research and documentation to identify sites that potentially exhibit hazardous materials threats to the project right-of-way or adjoining properties where roadway construction might take place. In general, the scope of the HMA included the following elements:

- Obtaining preliminary project information and construction requirements
- Reviewing environmental database records
- Reviewing historical land use information
- Reviewing geological or hydrogeological maps and other information
- Conducting interviews with current or past property owners, neighbors, local historians, long-term residents, and local government or regulatory officials
- Reviewing regulatory agency files
- Conducting a field reconnaissance visit along the project corridor
- Evaluating data and providing conclusions and recommendations relative to hazardous materials concerns throughout the project corridor

Ayres Associates conducted this Phase 1 HMA in general accordance with accepted engineering principles and practices, including Chapter 21, Section 35 of the State of Wisconsin Department of Transportation (WisDOT) Facilities Development Manual (FDM), published on December 22, 2011. Ayres Associates' findings are based on observations and data collected during a limited time period. It should be understood that a field reconnaissance, by nature, is limited in its ability to fully assess the environmental conditions of a corridor. Ayres Associates does not assume responsibility for the discovery or elimination of adverse environmental conditions that possibly could cause accidents, injury, or damage.

1.1 Project Description

Ayres Associates was retained by the St. Croix County Highway Department to provide engineering design and hazardous materials assessment services for road improvements along a section of CTH E between CTH I and CTH A, measuring approximately 1 mile in length. The proposed project involves the reconditioning of approximately 1 mile of CTH E between CTH I and CTH A. This project involves pulverizing of the roadway and minimal grading to widen lane and shoulders to provide required width, providing bicycle and pedestrian accommodations, ditch modifications, and overlaying the roadway surface with a hot mixed asphalt pavement. Culvert pipes that require

replacement will be replaced as part of this project. Intersections with CTH I and CTH A will be modified as part of this project.

1.2 Findings

The following are the key findings of this assessment:

- Review of historical sources indicate the land use surrounding the project corridor to have previously and presently consist of agricultural land, woodlands, surface waters, and scattered rural residences. Aerial photographs and WisDOT historical plan sets indicate that the project corridor was first constructed circa 1974. An aerial photograph from 1980 is the first photograph reviewed that depicts the corridor.
- The Willow River State Park and a private airstrip identified as “Beer Airport” are located immediately south of the project corridor.
- Elevations along the project corridor range from approximately 880 feet above mean sea level (msl) to 910 feet above msl. The lowest elevation is near the wetlands that intersect the project corridor approximately 0.25 miles east of the intersection with CTH I, and the highest elevation is near the intersection with CTH A.
- According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), predominant soils within the project corridor consist of Sattre silt loam, Chetek-Onamia complex, and Burkhardt-Satter complex. These soil types are classified as well drained to excessively drained.
- Review of the Wisconsin Department of Natural Resources (WDNR) Surface Water Data Viewer (SWDV) online mapping system indicates wetlands intersect the project corridor. Wetlands are indicated to be present in the lower elevation area along the project corridor approximately 0.25 miles east of the intersection with CTH I. Soils are mapped as udifluvents, which are described as somewhat poorly drained. Additionally, unnamed water bodies are located north and south of the project corridor in this vicinity.
- Groundwater is located approximately at 840 feet above msl to 860 feet above msl along the project corridor and is anticipated to flow west toward the St. Croix River (Lippelt, 1990).
- Bedrock in the area consists of sandstone and dolomite, located approximately 5 to 100 feet below ground surface (Schmidt, 1987).
- Sites posing a hazardous materials concern were not identified by this assessment.

1.3 Recommendations

Based upon the findings of this Phase 1 HMA, Ayres Associates does not recommend any further assessment at this time.

2.0 Project Corridor Information

2.1 Responsible Unit(s) of Government

St. Croix County Highway Department
920 3rd Street
Hammond, WI 54015
Phone: 715.796.2228

2.2 Corridor Description

The proposed corridor consists of approximately 1 mile of CTH E between CTH I and CTH A in St. Croix County, Wisconsin. The project corridor resides in a rural setting of St. Croix County with adjacent land uses consisting primarily of agricultural, rural residences, surface waters, and woodlands. A United States Geological Survey (USGS) 7.5 Minute Topographic Map depicting the project corridor location is included as Figure 1 in Appendix A. A project corridor base map is included as Figure 2 in Appendix A.

2.3 General Land Use History

General land use history was interpreted from the following historical information sources. Copies of relevant documentation and interview summaries are included in site-specific appendices. Due to concerns for report conciseness, not all documentation reviewed as part of this Phase 1 HMA may be attached.

- Aerial photographs obtained from ERIS for the years of 1939, 1946, 1953, 1966, 1974, 1980, 1988, 1992, 2004, 2005, 2006, 2008, 2010, 2013, 2015
- Topographic maps obtained from ERIS for the years of 1948, 1949, 1974, 2015
- WisDOT historical plan sets (“As-Builts”) dated 1974

Review of historical sources listed above indicate the land use surrounding the project corridor to have previously and presently consisted of agricultural land, woodlands, surface waters, and scattered rural residences. The Willow River State Park appears to abut the western portion of the project corridor to the south. The project corridor is not present until the 1980 aerial photograph. The 1974 WisDOT historical plan set indicates the project corridor was first constructed circa 1974. Overhead electric lines are indicated on the historical plan set and are identified within approximately the eastern half of the project corridor. A private airstrip identified as “Beer Airport” is indicated on the 2015 topographic map. Historical information is provided in Appendix B.

Sanborn fire insurance maps and city directories were not searched due to the rural setting of the project corridor.

2.4 Hydrogeology

2.4.1 Topography

As depicted on the USGS topographic maps, the topography along the project corridor ranges from approximately 880 feet above mean sea level (msl) to 910 feet above msl. The lowest elevation is near the wetlands that intersect the project corridor approximately 0.25 miles east of the intersection with CTH I, and the highest elevation is near the intersection with CTH A.

2.4.2 Soils

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), predominant soils within the project corridor consist of Sattre silt loam, Chetek-Onamia complex, and Burkhardt-Satter complex. These soil types are classified as well drained to excessively drained. An NRCS soil survey report for the project corridor is provided in Appendix C.

2.4.3 Surface Water

Review of the Wisconsin Department of Natural Resources (WDNR) Surface Water Data Viewer (SWDV) online mapping system indicates wetlands intersect the project corridor. Wetlands are indicated to be present in the lower elevation area along the project corridor approximately 0.25 miles east of the intersection with CTH I. Soils are mapped as udifluvents, which are described as somewhat poorly drained. Additionally, unnamed water bodies are located north and south of the project corridor in this vicinity. A copy of the WDNR SWDV showing the indicated wetlands is provided in Appendix C.

2.4.4 Groundwater

Groundwater is located approximately at 840 feet above msl to 860 feet above msl along the project corridor and is anticipated to flow west toward the St. Croix River (Lippelt, 1990).

2.4.5 Bedrock

Bedrock in the area consists of sandstone and dolomite, located approximately 5 to 100 feet below ground surface (Schmidt, 1987).

2.5 Exempted Areas

There are no exempted areas along the project corridor.

2.6 Summary of Sites Posing Hazardous Material Concerns

Ayres Associates retained Environmental Risk Information Service (ERIS) to conduct a Federal and State government records search for a one quarter-mile radius around the project corridor on April 18, 2017. A copy of the environmental database report is in Appendix D. Where possible, Ayres Associates also evaluates sites that are identified in standard environmental records but are unable to be mapped or plotted due to insufficient location information. These sites may be referred to as "orphan", "non-geocoded", "unmapped", or "unplottable" sites in commercial database reports. Such site listings may constitute a data gap in the event Ayres Associates is not able to determine their location. Environmental database search findings were cross-checked with records maintained on the Wisconsin Department of Natural Resources (WDNR) Bureau of Remediation and Redevelopment Tracking System (BRRTS) and RR Sites Map (which includes GIS Registry information), and the Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) Storage Tank Database. Regulatory agency files, including previously published site investigation and remedial action reports for sites having hazardous material concerns within the project corridor, were also reviewed, if applicable.

- David R. Brown, 784 County Road E: This site is identified on the UST database. A 560-gallon fuel oil UST was removed on August 5, 2010, from this residential property. The site is located approximately 0.25 miles east of the intersection with CTH A and is not within the project corridor. There is no indication of leaks or releases at this location.
- Richard Beer, 1150 County Road A: This is identified as a conditionally exempt small quantity generator of hazardous waste. A private airstrip identified as "Beer Airport" is also located at this location. There is no indication of violations or releases at this location.

A field reconnaissance was performed by Nicole Bader of Ayres Associates on March 29, 2017, to walk the project corridor and document all sites posing a potential hazardous materials concern to the project corridor. Photographs documenting the field reconnaissance are provided in Appendix E. Interviews with current or past property owners, neighbors, local historians, long-term residents, and local government or regulatory officials were performed as deemed appropriate in the professional judgement of Ayres Associates.

- During the field reconnaissance, pole mounted transformers were observed along the project corridor. The transformers appeared in good condition and no visible leaks or corrosion was observed. Buried telephone, electric, fiber optic cables, and natural gas utilities were observed along the project corridor. None of these findings pose a hazardous materials concern for the project.

After evaluation of all acquired data, no sites were determined to pose hazardous materials concerns to the project corridor.

3.0 Conclusions and Recommendations

No sites posing potential hazardous material concerns to project corridor work proposed to be performed were identified by this Phase 1 HMA. Ayres Associates does not recommend further investigation for the project at this time.

4.0 Information Sources

Lippelt, I.D. 1990. Generalized Water-Table Elevation Map of St. Croix County, Wisconsin. Wisconsin Geological and Natural History Survey.

Schmidt, R.R., 1987. Groundwater Contamination Susceptibility Map and Evaluation: Wisconsin Department of Natural Resources, Wisconsin's Groundwater Management Plan Report 5, PUBL-WR-177-87

United States Department of Agriculture, Natural Resources Conservation Service. Web Soil Survey. https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

Wisconsin Department of Agriculture Trade and Consumer Protection. Storage Tank Database. http://dvmwapps.wi.gov/ER_Tanks/ER-EN-TankSearch.htm.

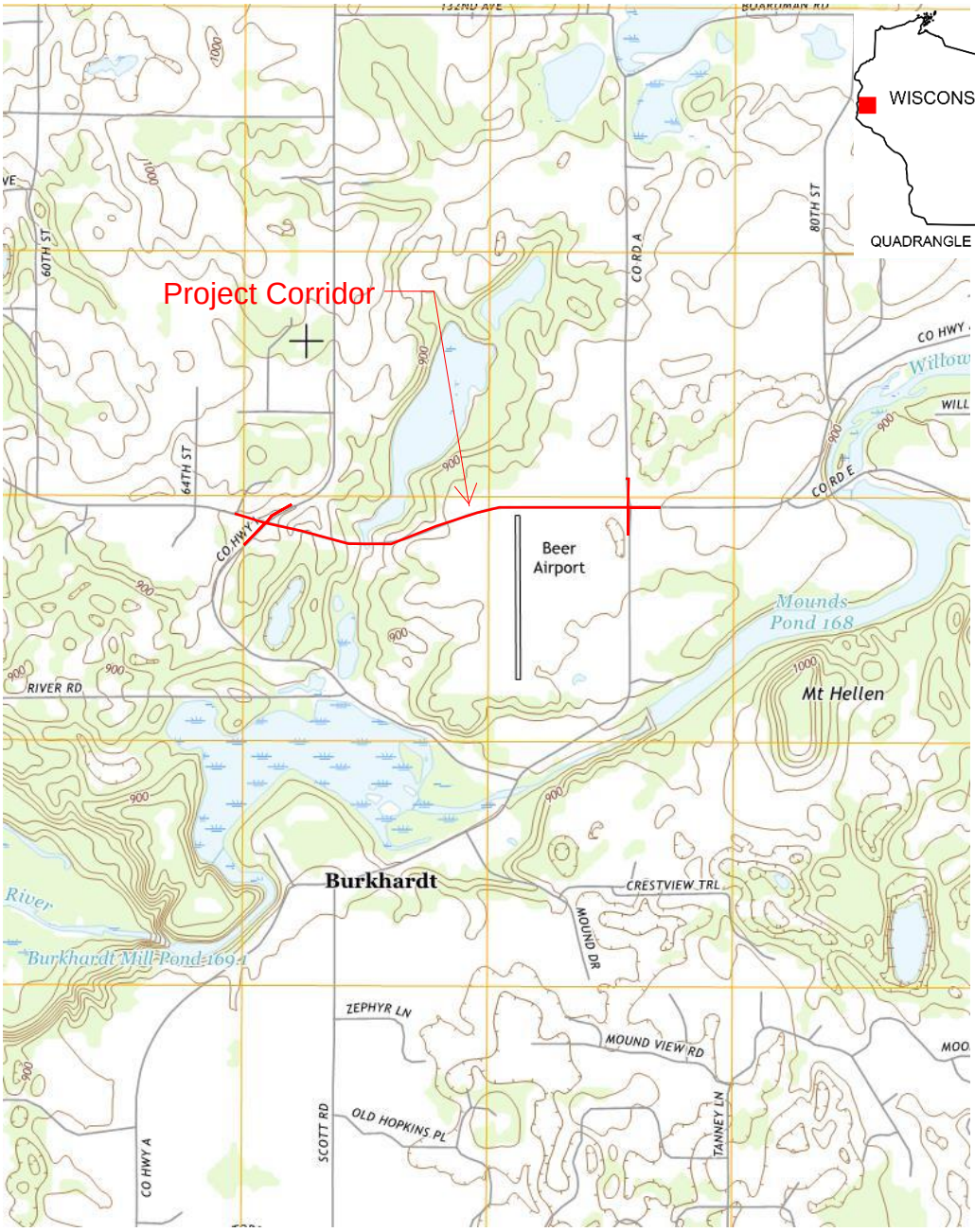
Wisconsin Department of Natural Resources. Bureau for Remediation and Redevelopment Tracking System and RR Sites Map. http://dnr.wi.gov/topic/brownfields/botw.html

Wisconsin Department of Natural Resources. Surface Water Data Viewer. http://dnr.wi.gov/topic/surfacewater/swdv/

Wisconsin Department of Transportation. Facilities Development Manual, Chapter 21, Section 35. December 22, 2011.

Appendix A

Figures



Source: Somerset South, WI Quadrangle

USGS 7.5 Minute Topographic Map, 2015

Figure 1 – Location Map
Phase 1 Hazardous Material Assessment
CTH E (CTH I to CTH A)
St. Croix County, Wisconsin
September 2018

8939-08-05

AYRES ASSOCIATES

PROJECT ID: **8939-08-05**

WITH: N/A

COUNTY: **ST CROIX**

ORDER OF SHEETS

TOTAL SHEETS =

N

DESIGN DESIGNATION

A.A.D.T.	(2020)	=	8200
A.A.D.T.	(2040)	=	10700
D.H.V.	(2040)	=	675
D.D.	(%)	=	60/40
T.		=	5.6%
DESIGN SPEED		=	60 MPH
ESALS		=	960,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

ST JOSEPH - STH 65

CTH I TO CTH A

CTH E

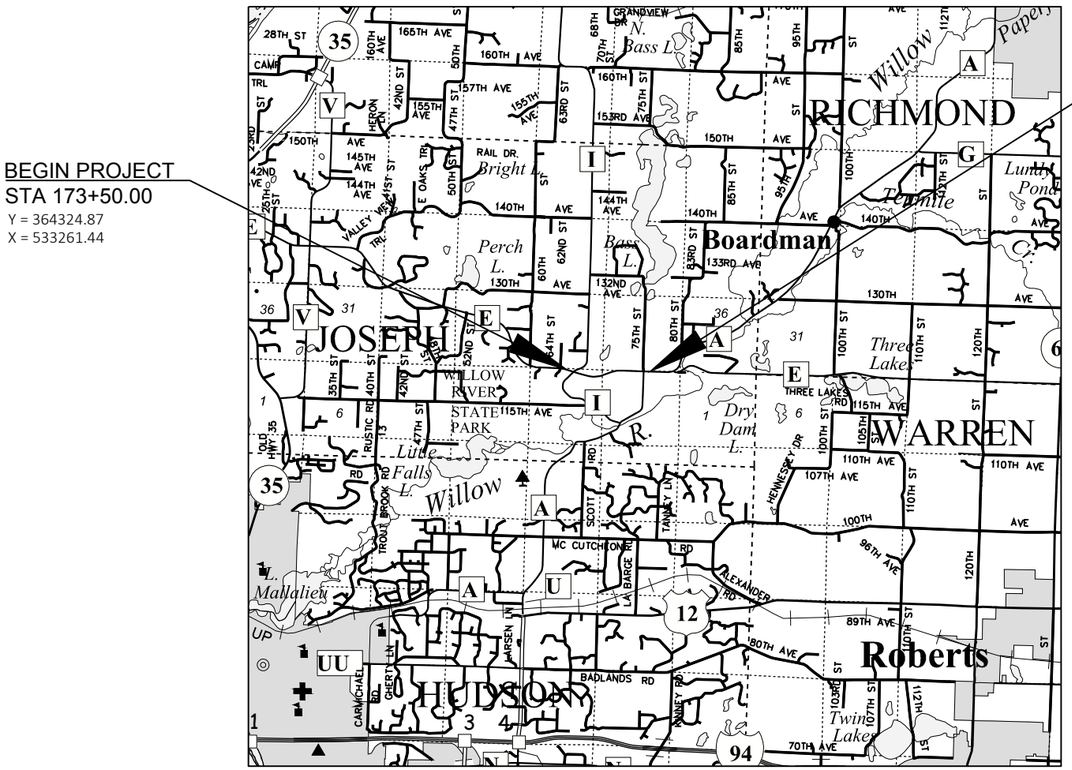
ST CROIX COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8939-08-05		

STATE PROJECT NUMBER

8939-08-05

R-20-W ◄► R-19-W R-19-W ◄► R18-W



LAYOUT

SCALE 0 — 2 MI

TOTAL NET LENGTH OF CENTERLINE = 1.316 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, ST CROIX COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ACCEPTED FOR

ST CROIX COUNTY

Date _____ _____ (Signature and Title of Official)

ORIGINAL PLANS PREPARED BY

AYRES ASSOCIATES

DATE: _____ _____ (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	AYRES ASSOCIATES INC
Designer	AYRES ASSOCIATES INC
Project Manager	PROJECT MANAGER
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	REGIONAL SUPERVISOR

APPROVED FOR THE DEPARTMENT

DATE: _____ _____ (Signature)

E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\SHEETSPLAN\010101_TI.DWG PLOT DATE : 9/6/2018 1:33 PM PLOT BY : RESHESKE, CARRIE PLOT NAME :

Figure 2 - Project Corridor Base Map

2

GENERAL NOTES

THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT THAT ARE NOT SHOWN. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA.

WHEN THE QUANTITY OF BASE AGGREGATE DENSE OF HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON THE DEPTH OF THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATIERIAL AS DIRECTED BY THE ENGINEER.

SHRINKAGE OF EARTHWORK IS VARIABLE. AN AVERAGE FACTOR FOR EXCAVATION COMMON IS 30%.

EBS MATERIAL SHALL BE WASTED OUTSIDE THE 1:1 SLOPES AS DIRECTED BY THE ENGINEER. EXCESS EBS MATERIAL NOT UTILIZED SHALL BE WASTED OFF THE PROJECT.

THE EXACT LOCATION AND WIDTH OF DRIVEWAY ENTRANCES WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL DRIVEWAYS ARE TO BE REPLACED IN KIND UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE PLANS.

CROSS DRAIN PIPE LOCATIONS AND ELEVATIONS AS SHOWN ON THE CROSS SECTION SHEETS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

SEED MIXTURE NO.20 SHALL BE USED THROUGHOUT THE PROJECT, EXCEPT LAWN AREA WHERE NO.40 SHALL BE USED.

GRAVEL INSLOPES SHALL BE SEEDED AND FERTILIZED. ALL OTHER DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE SALVAGED TOPSOILED, SEEDED, TEMPORARY SEEDED, FERTILIZED, AND MULCHED.

EROSION CONTROL MEASURES WILL BE PLACED AS SHOWN ON THE EROSION CONTROL PLAN. THE EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER. ANY REMOVAL OF ITEMS ARE INCIDENTAL TO THE RESPECTIVE EROSION CONTROL BID ITEM COSTS.

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL BY THE ENGINEER.

EXISTING ELEVATIONS SHALL BE VERIFIED IN THE FIELD.

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88(2012)).

UTILITY CONTACTS

AT&T DISTRIBUTION
304 SOUTH DEWEY STREET
EAU CLAIRE, WI 54701
ATTN: RICK PODOLAK
715-839-5565
rp4514@att.com

XCEL ENERGY - DISTRIBUTION
1414 WEST HAMILTON AVENUE
P.O. BOX 8
EAU CLAIRE, WI 54702-0008
ATTN: DAWN SCHULTZ
715-737-2482
dawn.schultz@xcelenergy.com

BALDWIN LIGHTSTREAM
930 MAPLE STREET
BALDWIN, WI 54002
ATTN: KEN CARLSRUD
715-684-3346
kcarlsrud@lswi.net

MIDWEST NATURAL GAS INC
611 SHAY STREET
SOMERSET, WI 54025
ATTN: JUSTIN JACOBS
715-797-0590
mngjustinjacobs@gmail.com

NORTHWEST COMMUNICATIONS
116 HARRIMAN AVENUE
AMERY, WI 54001
ATTN: GREG CARDINAL
715-268-7101
gregcardinal@amerytel.net

ST CROIX ELECTRIC COOPERATIVE
1925 RIDGEWAY STREET
HAMMOND, WI 54015
ATTN: ROB DOOLEY
715-796-7000
robdoo@scecnet.net

FRONTIER COMMUNICATIONS

* DENOTES NOT A DIGGERS HOTLINE MEMBER

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

ST CROIX COUNTY

ST CROIX COUNTY HIGHWAY DEPARTMENT
920 THIRD STREET
HAMMOND, WI 54015
ATTN: JEFF DURKEE, PE, HIGHWAY ENGINEER
715-796-
jeffrey.durkee@sccwi.us

DESIGN CONTACT

AYRES ASSOCIATES
3433 OAKWOOD HILLS PARKWAY
EAU CLAIRE, WI 54701
ATTN: BRETT HOLLISTER, PE
715-834-3161
hollisterb@ayresassociates.com

DNR CONTACT

DNR WEST CENTRAL REGION
1300 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54702
ATTN: AMY LESIK
715-836-6571
AmyL.Lesik@wisconsin.gov

2

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WISDOT/CADDS SHEET 42

Figure 2 - Project Corridor Base Map

2

2

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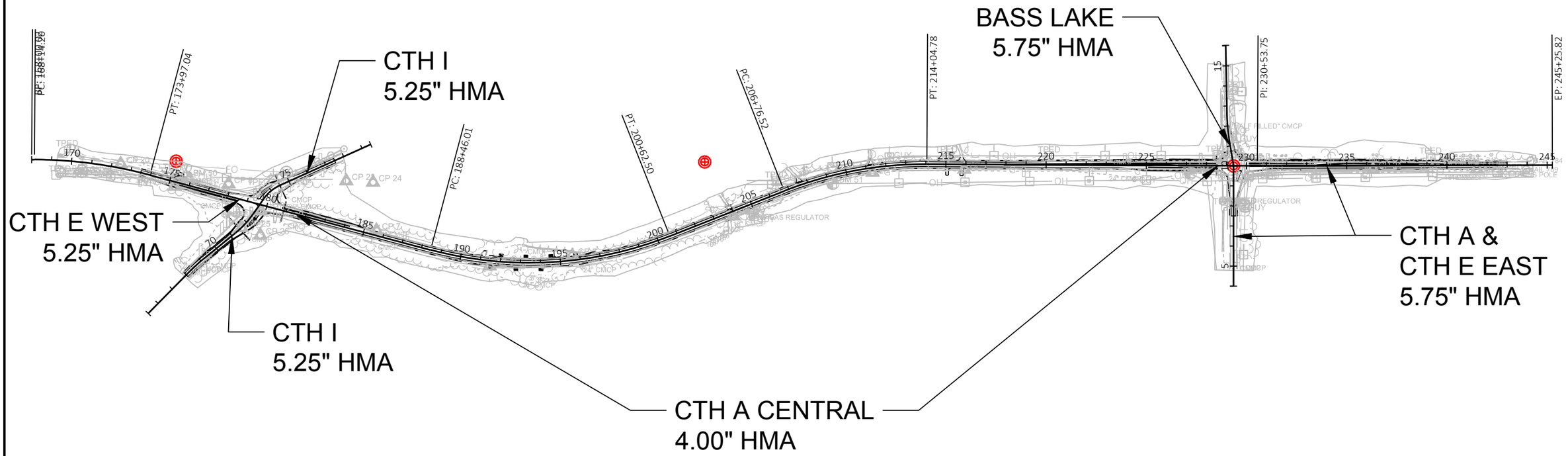
RECOMMENDED
PAVEMENT DEPTHS



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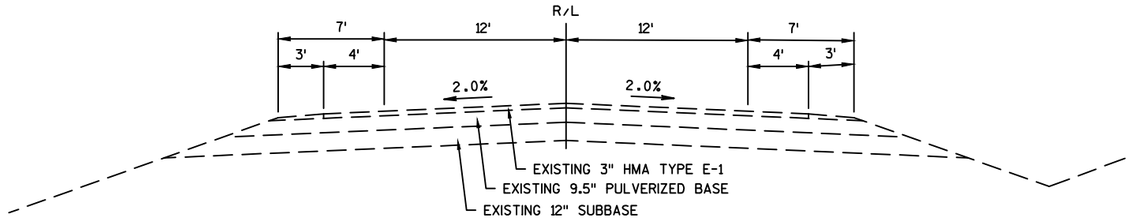
WISDOT/CADDS SHEET 42

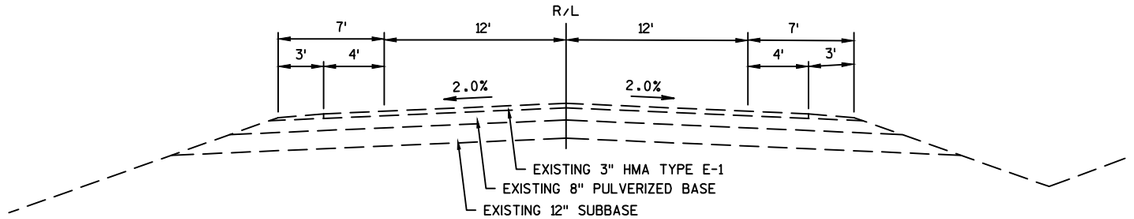
Figure 2 - Project Corridor Base Map

2



EXISTING TYPICAL SECTION

CTH E



EXISTING TYPICAL SECTION

CTH I
CTH A
BASS LAKE RD

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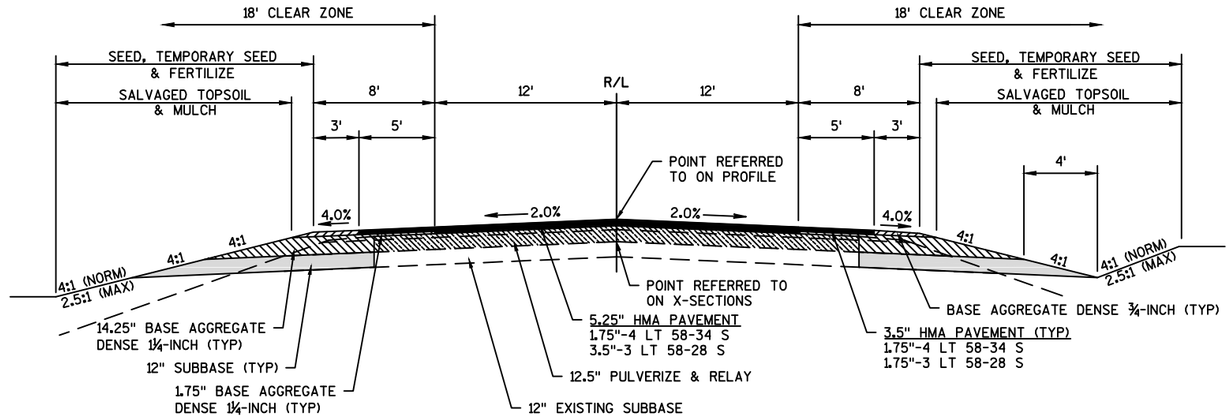
Figure 2 - Project Corridor Base Map



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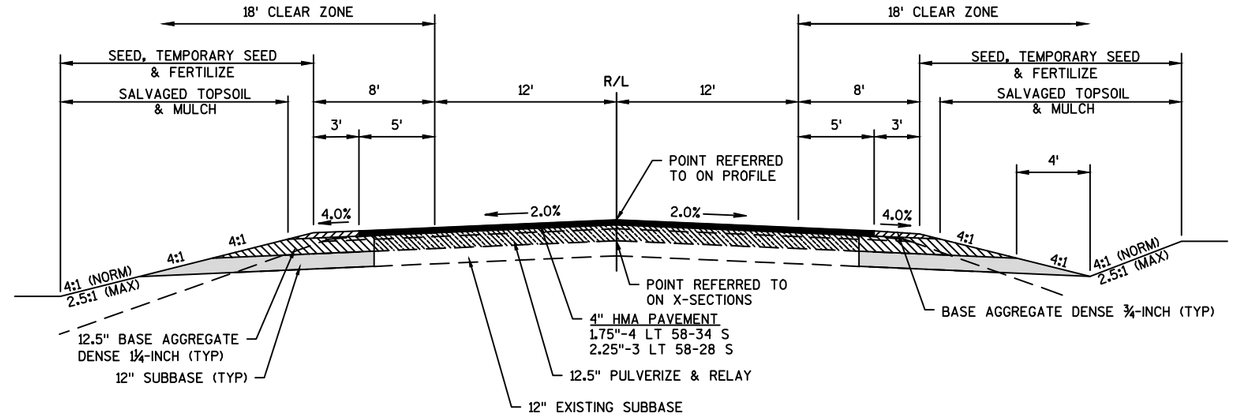

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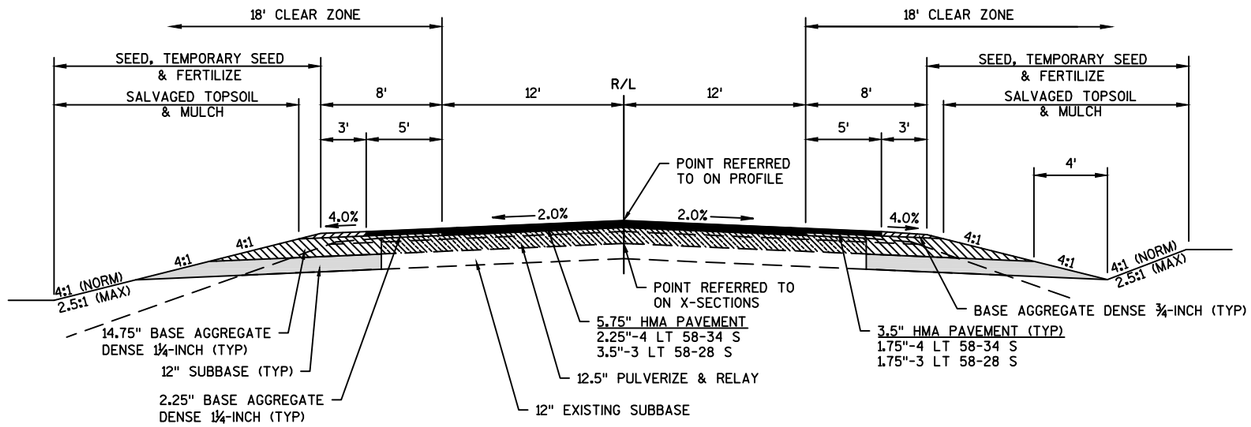
Figure 2 - Project Corridor Base Map



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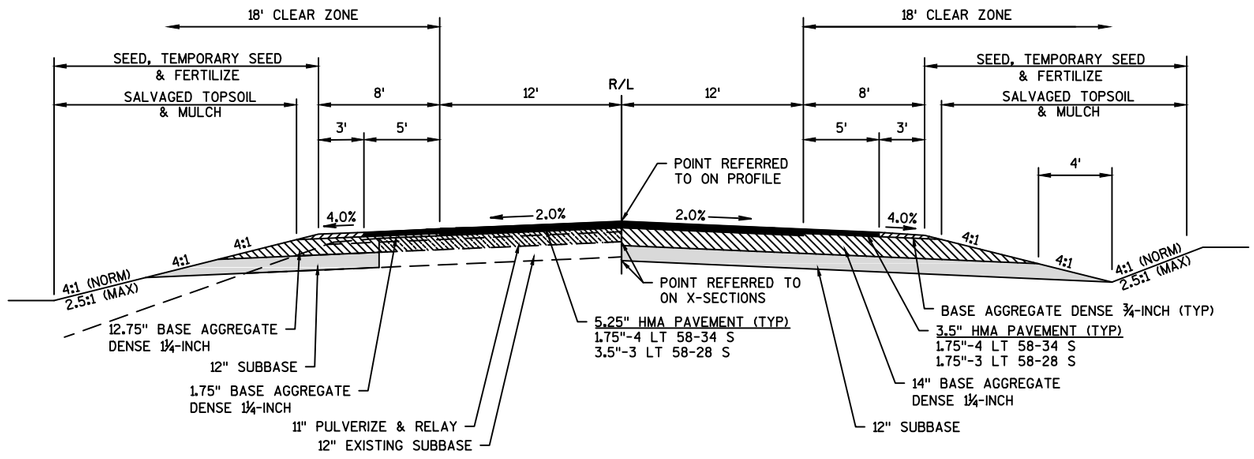

FINISHED TYPICAL HALF-SECTION CTH I
PULVERIZING

FINISHED TYPICAL HALF-SECTION CTH I
WIDENING

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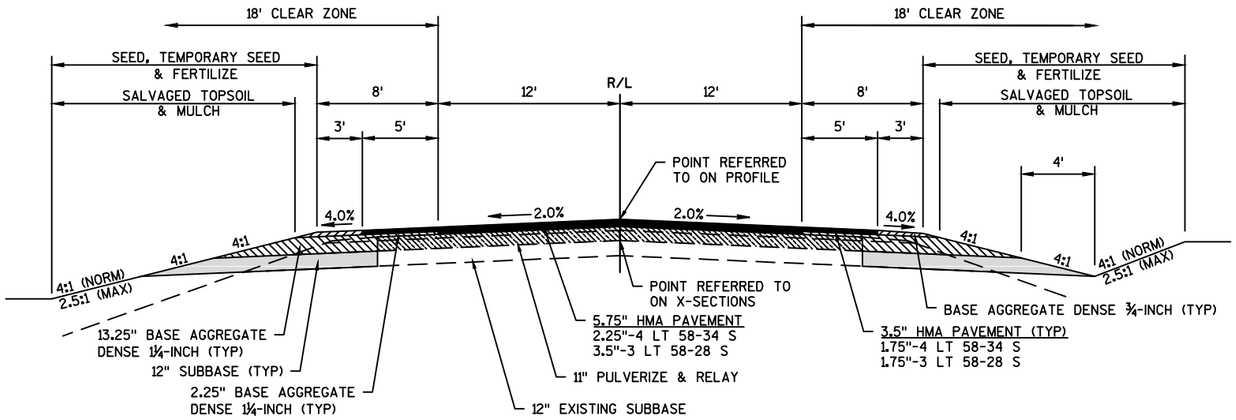
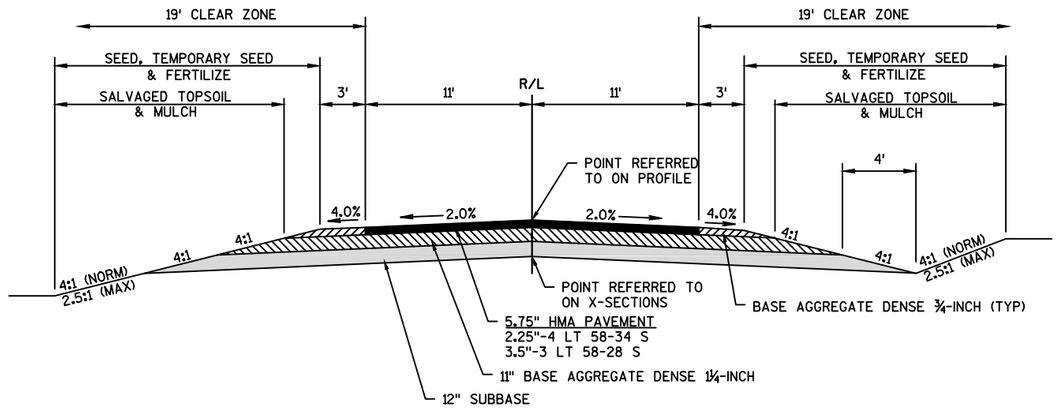
WISDOT/CADDS SHEET 42

Figure 2 - Project Corridor Base Map



FINISHED TYPICAL SECTION

CTH A



FINISHED TYPICAL SECTION

BASS LAKE RD

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WISDOT/CADDS SHEET 42

Figure 2 - Project Corridor Base Map

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM50	175+77	12" NAIL IN PPOL, 38.3' LT	911.10
		Y 364303.85 X 533490.56	

BEGIN PROJECT
STA 173+50.00
MATCH EXISTING
SAWCUT REQ'D
Y 364324.87
X 533261.44

CP#9
STA 175+30.61, 21.8' RT
12" NAIL
Y 364257.70
X 533430.44

CP#8
STA 177+87.14, 58.3' LT
12" NAIL
Y 364268.93
X 533698.95

CP#10
STA 179+79.25, 30.1' RT
12" NAIL
Y 364134.04
X 533861.79

JOHN T & GEORGINE M SCHOTTLER
DIANA L DONAJKOWSKI
NORTHERN STATES POWER CO
DNR STATE OF WISCONSIN
RYAN M & RACHEL M FLATTUM
MIDWEST NATURAL GAS INC.
BEATRICE CIRCLE
CTH E
AT&T DISTRIBUTION
XCEL ENERGY
SLOPE INTERCEPT
CAUTION

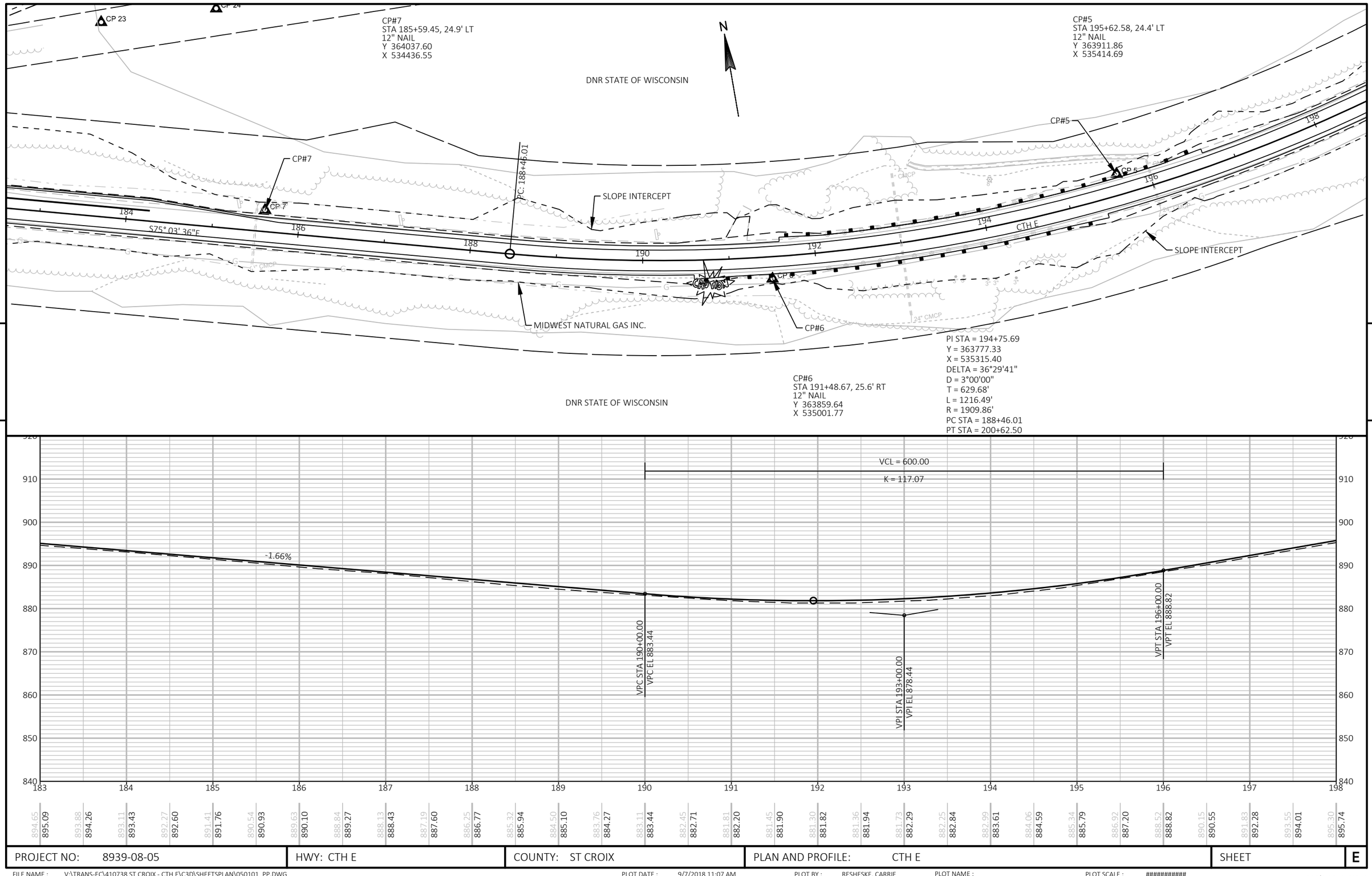
BP: 168+00.02
PC: 168+14.20
PC: 173+97.04
PT: 74+51.85
PC: 73+44.35
PI: 73+10.12
PT: 72+53.21
PC: 71+32.71
S75° 03' 36"E
N35° 56' 24"E
N65° 44' 10"E
R50'
R40'
110'

VCL = 500.00
K = 295.36
-3.03%
-3.40%
-1.71%
-1.98%
STA 173+50.00 EL 918.60
STA 175+50.00 EL 912.54
VPC STA 175+70.00 VPC EL 911.86
VPI STA 178+20.00 VPI EL 903.36
VPT STA 180+70.00 VPT EL 899.09
STA 181+00.00 EL 898.58
STA 181+50.00 EL 897.59

PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	PLAN AND PROFILE: CTH E	SHEET E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050101-pp
PLOT DATE : 9/7/2018 11:07 AM PLOT BY : RESHESKE, CARRIE PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 44

Figure 2 - Project Corridor Base Map



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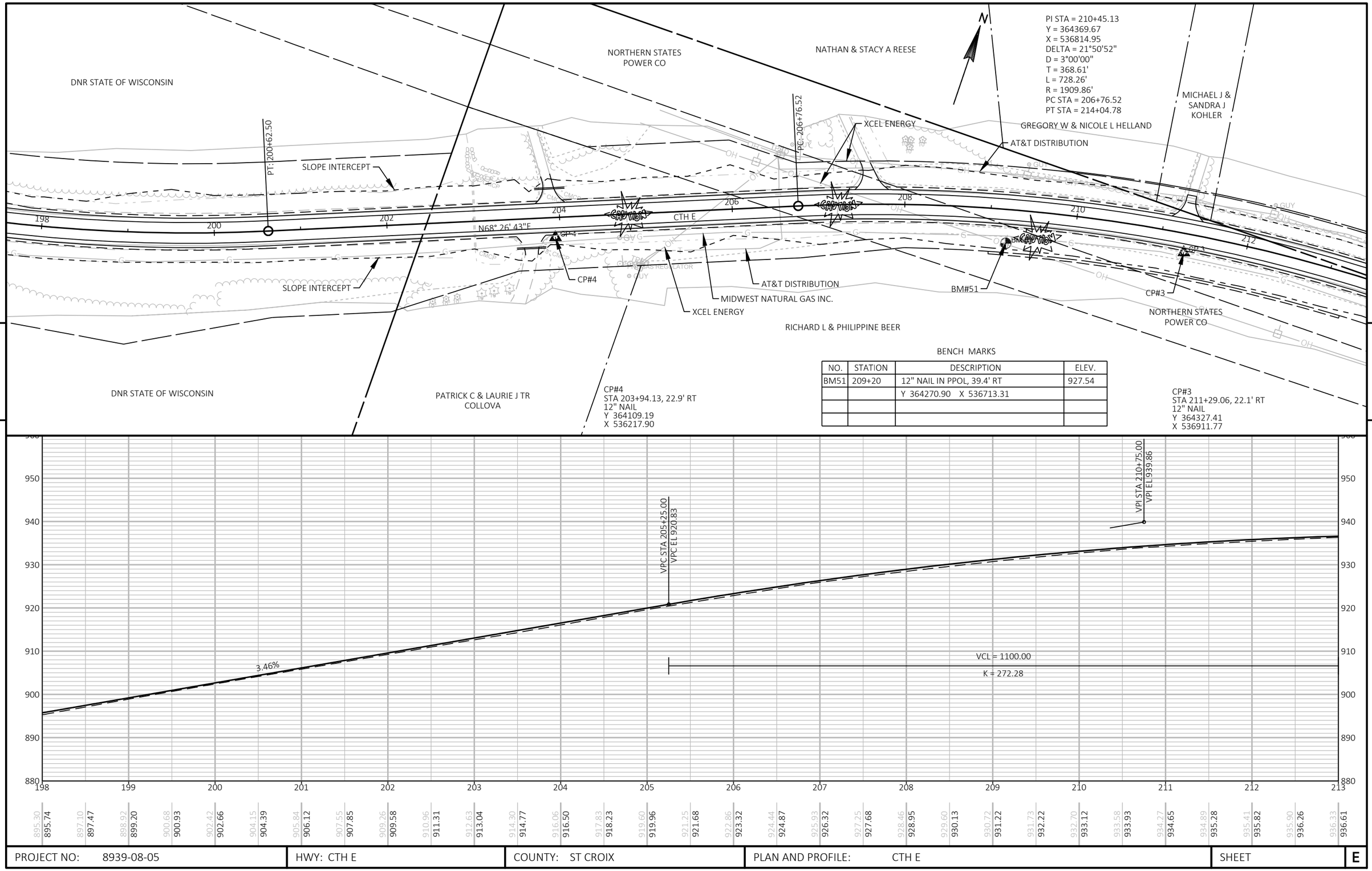
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	PLAN AND PROFILE: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050102-pp

PLOT DATE : 9/7/2018 11:07 AM PLOT BY : RESHESKE, CARRIE PLOT NAME : PLOT SCALE : ############

WISDOT/CADDS SHEET 44

Figure 2 - Project Corridor Base Map



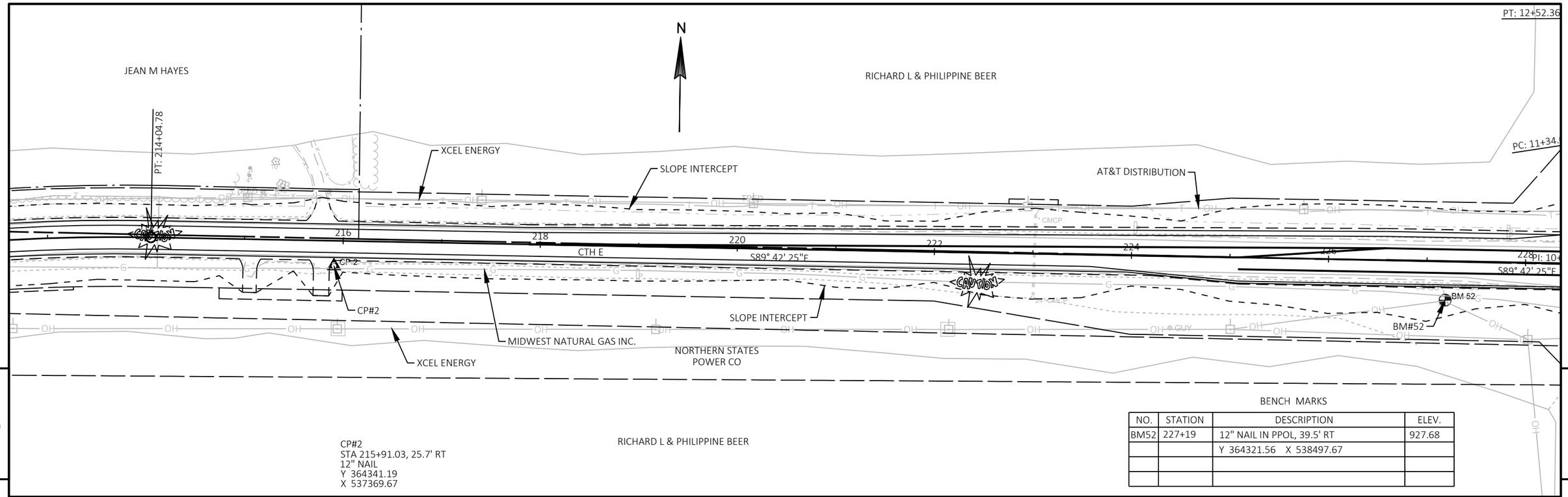
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM51	209+20	12" NAIL IN PPOL, 39.4' RT	927.54
		Y 364270.90 X 536713.31	

PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	PLAN AND PROFILE: CTH E	SHEET E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050103-pp
PLOT DATE : 9/7/2018 11:07 AM PLOT BY : RESHESKE, CARRIE PLOT NAME : PLOT SCALE : ########
WISDOT/CADDS SHEET 44

Figure 2 - Project Corridor Base Map



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BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM52	227+19	12" NAIL IN PPOL, 39.5' RT	927.68
		Y 364321.56 X 538497.67	

PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	PLAN AND PROFILE: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050104-pp

PLOT DATE : 9/7/2018 11:07 AM PLOT BY : RESHESKE, CARRIE PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 44

Figure 2 - Project Corridor Base Map

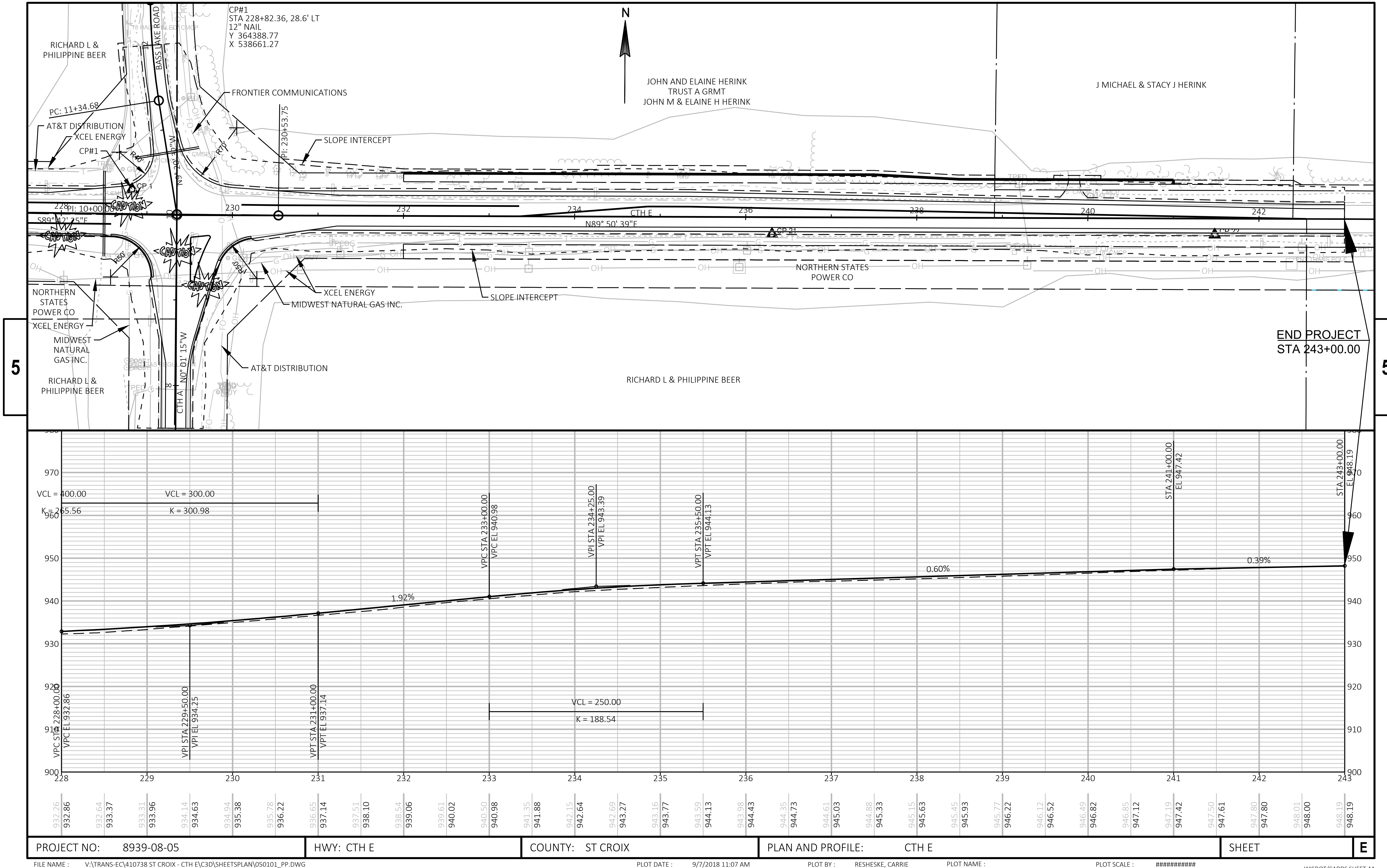
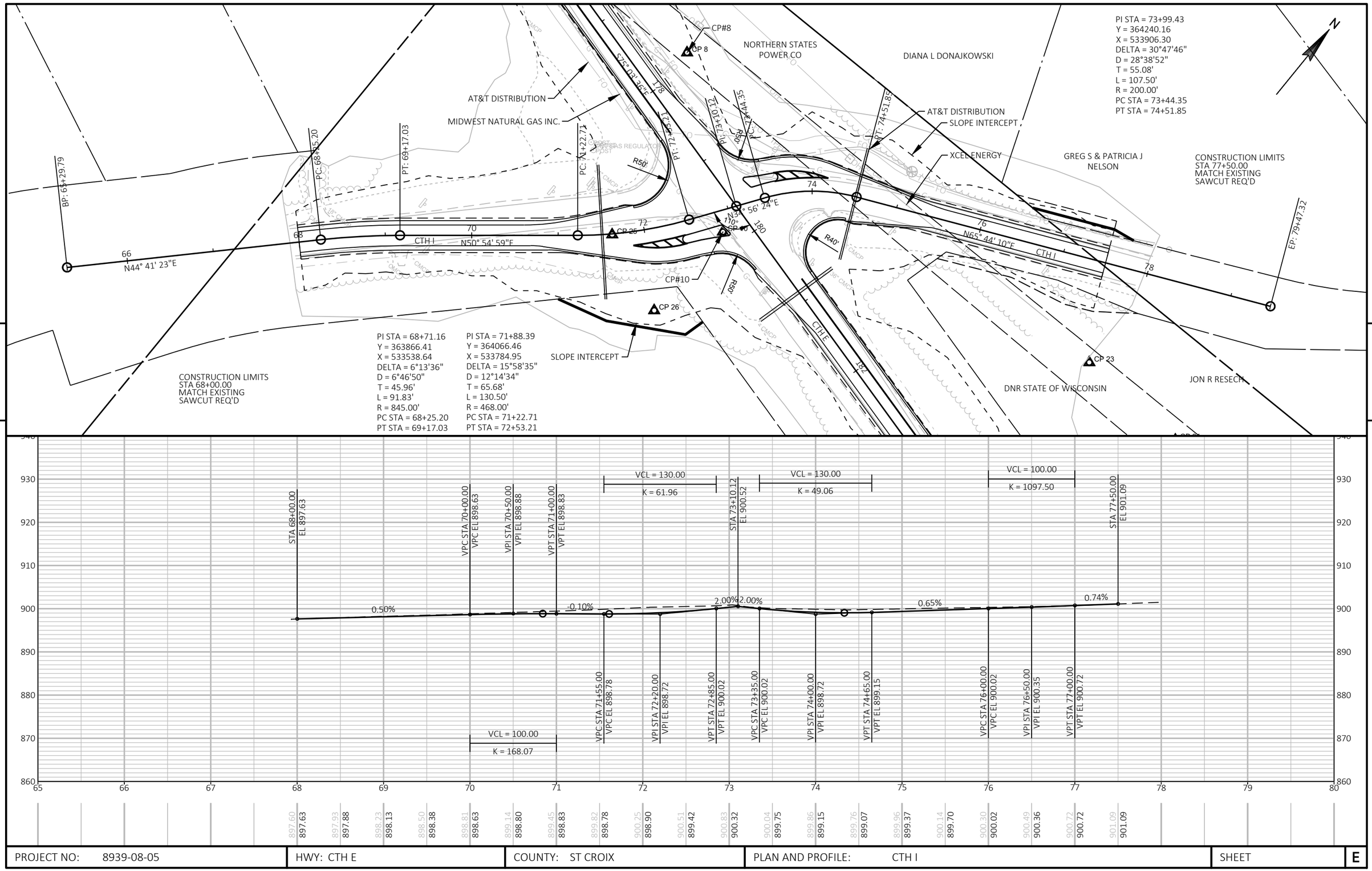


Figure 2 - Project Corridor Base Map



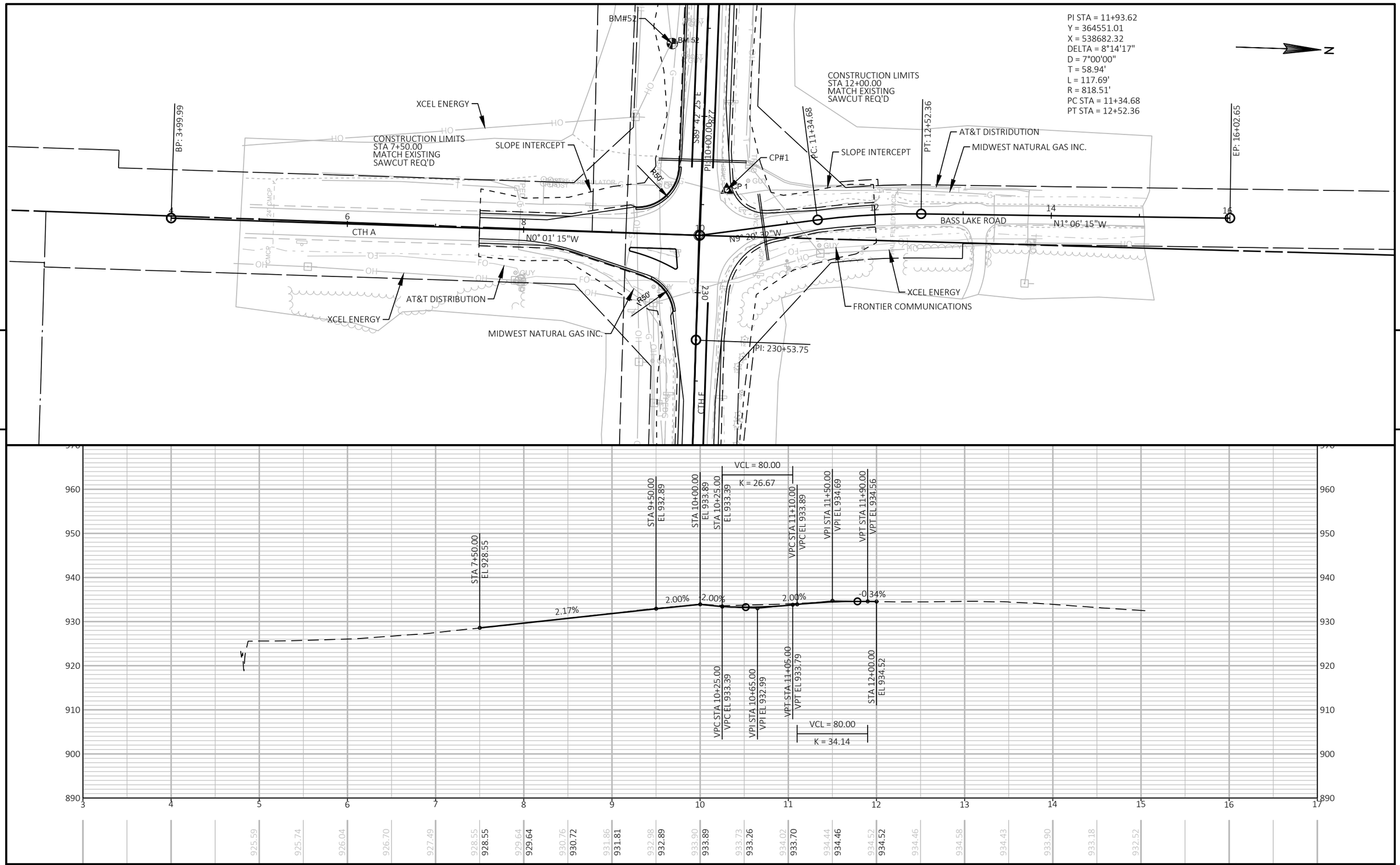
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	PLAN AND PLOFILE: CTH I	SHEET E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050106-pp

PLOT DATE : 9/7/2018 11:07 AM PLOT BY : RESHESKE, CARRIE PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 44

Figure 2 - Project Corridor Base Map



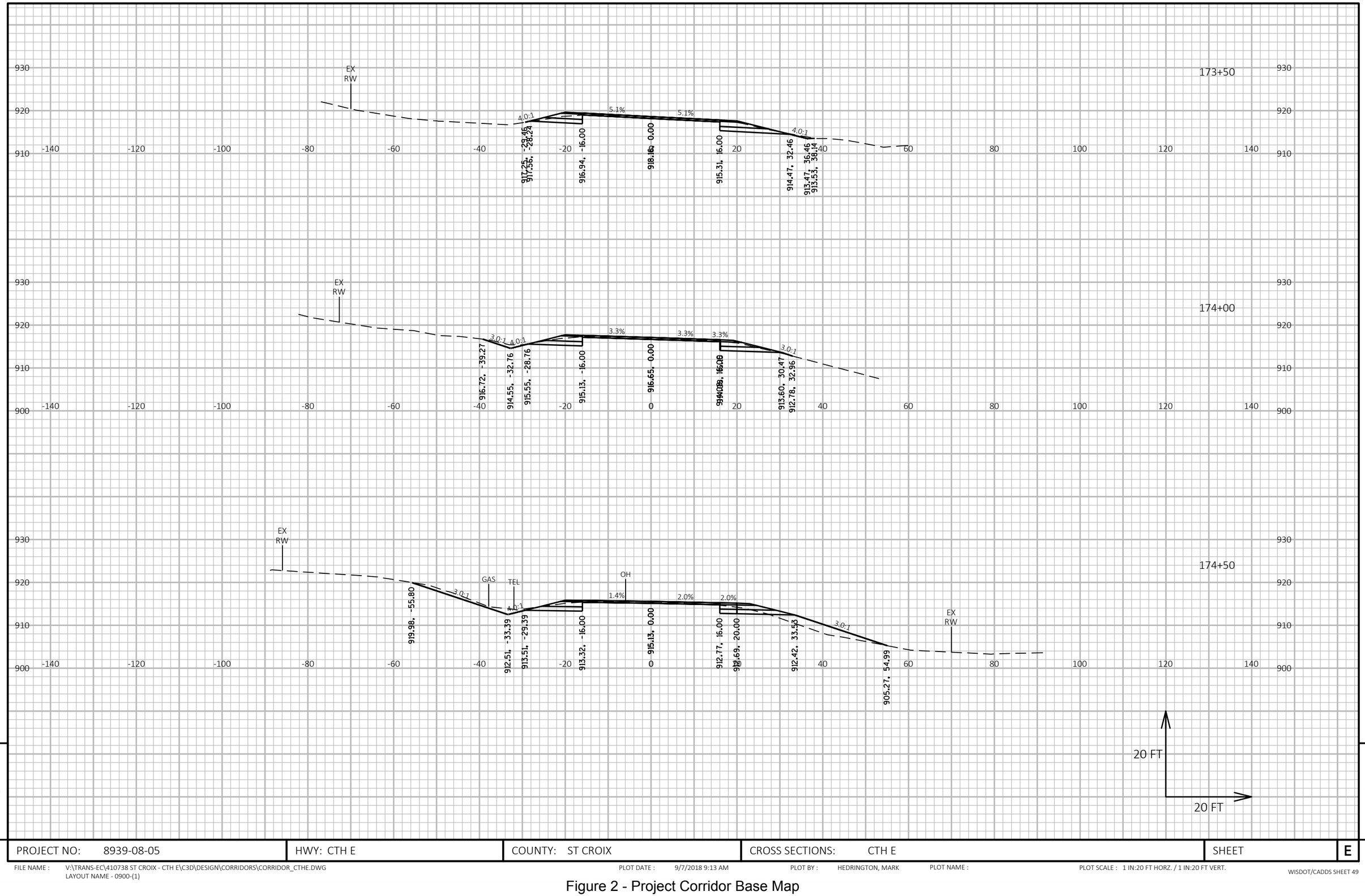
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	PLAN AND PROFILE: CTH A	SHEET E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050107-pp

PLOT DATE : 9/7/2018 11:07 AM PLOT BY : RESHESKE, CARRIE PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 44

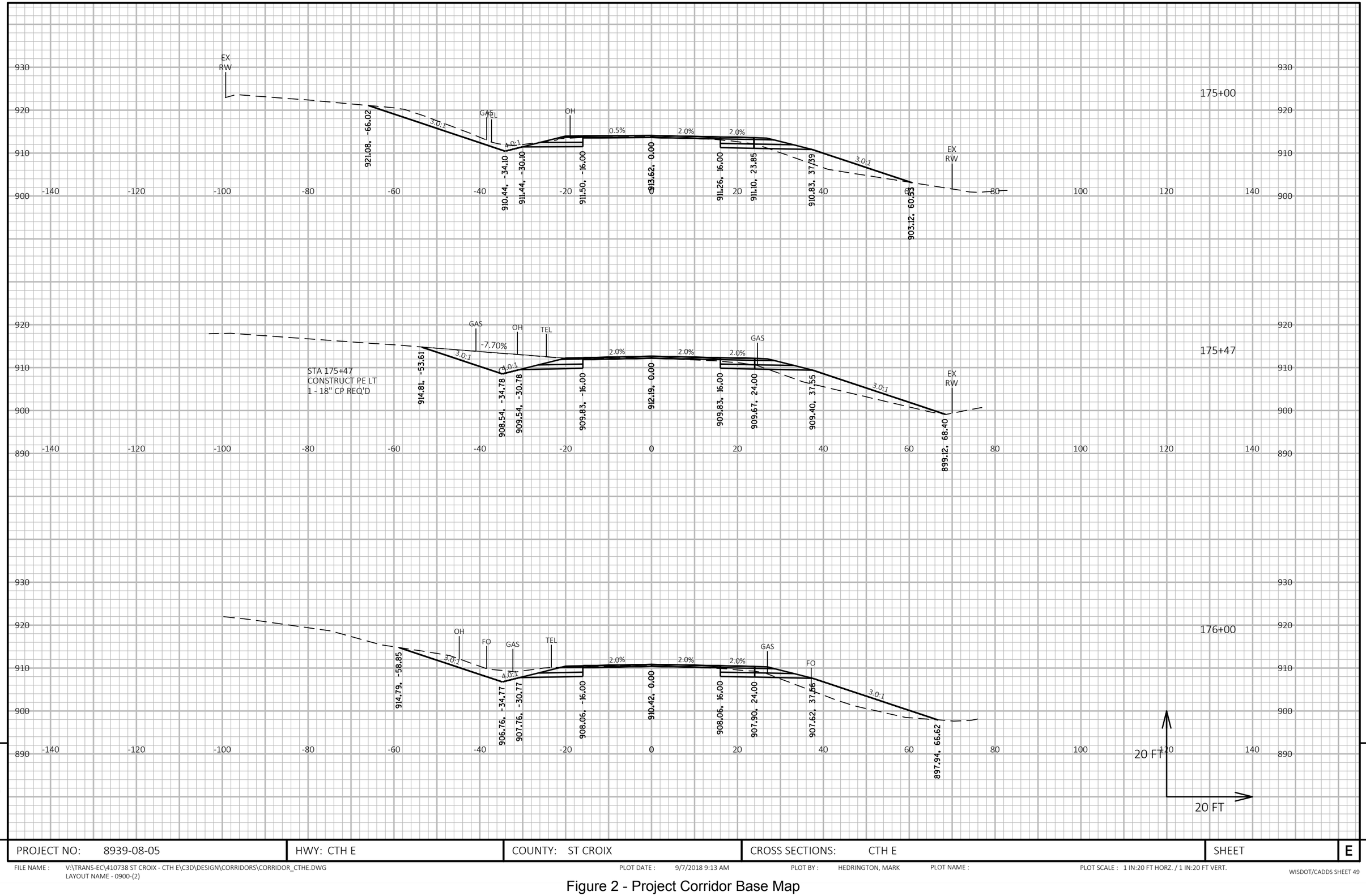
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(1)
PLOT DATE : 9/7/2018 9:13 AM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

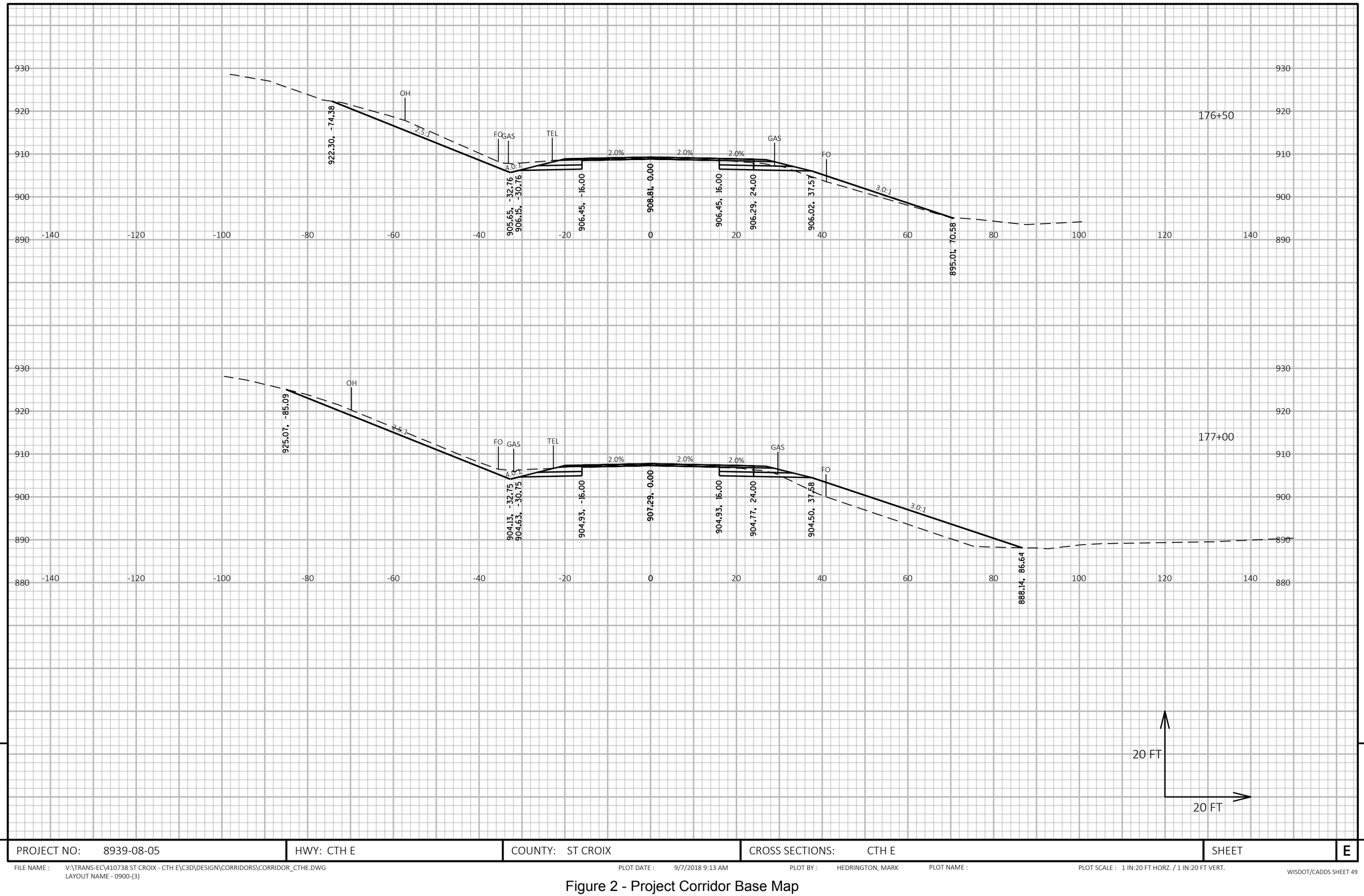
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(2)
PLOT DATE : 9/7/2018 9:13 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

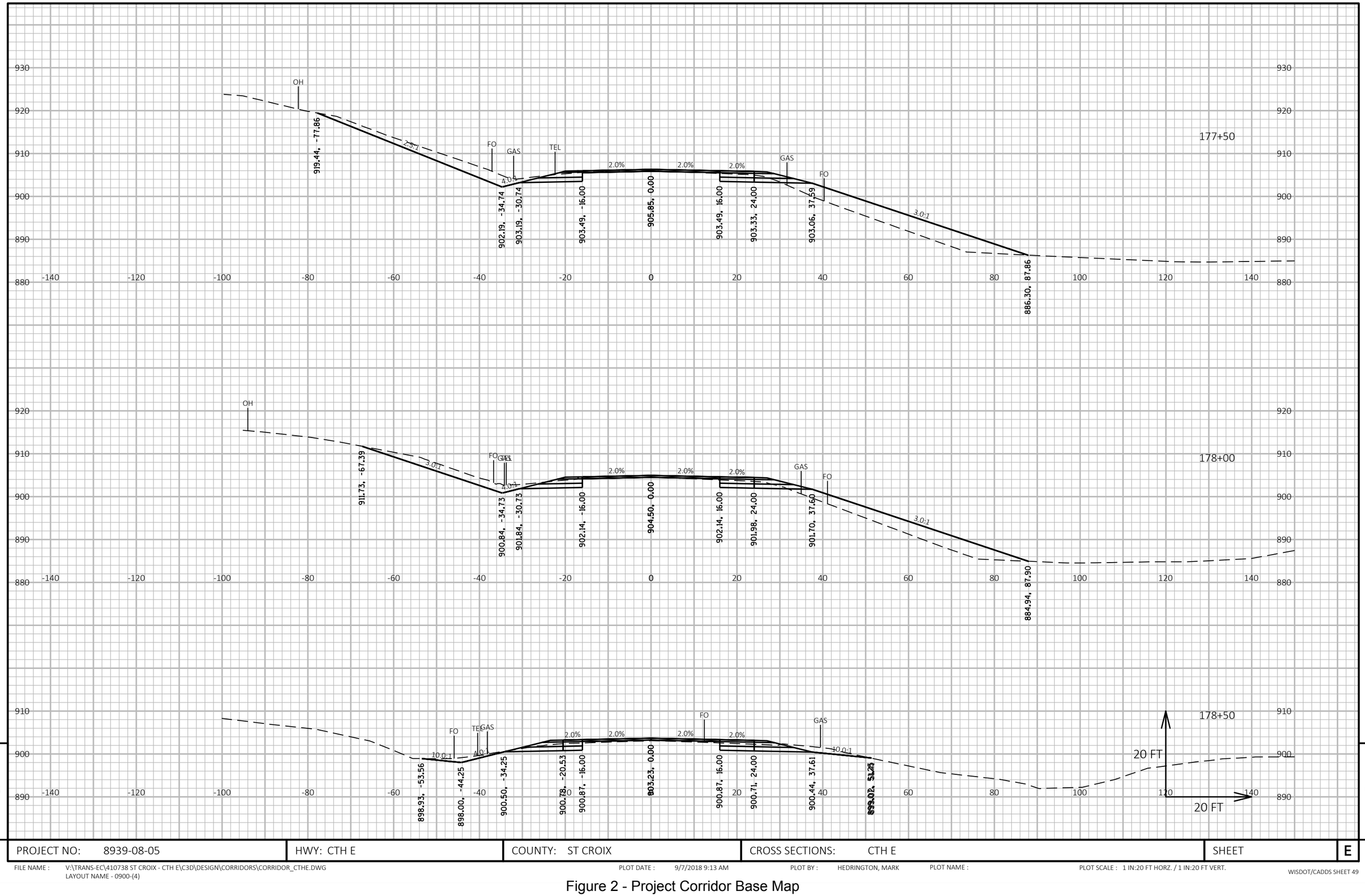
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(3)
PLOT DATE : 9/7/2018 9:13 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



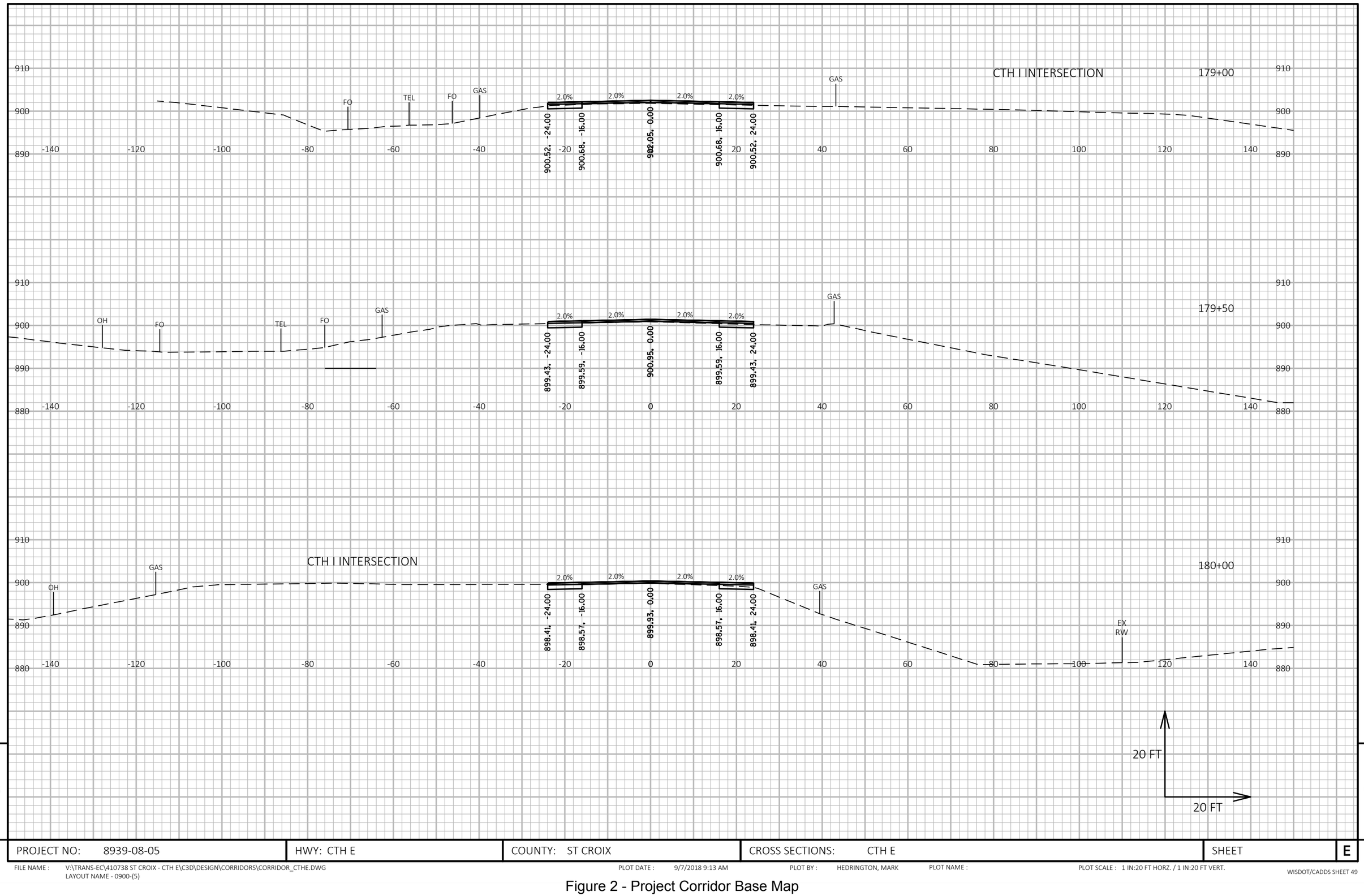
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(4)

PLOT DATE : 9/7/2018 9:13 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



9 9

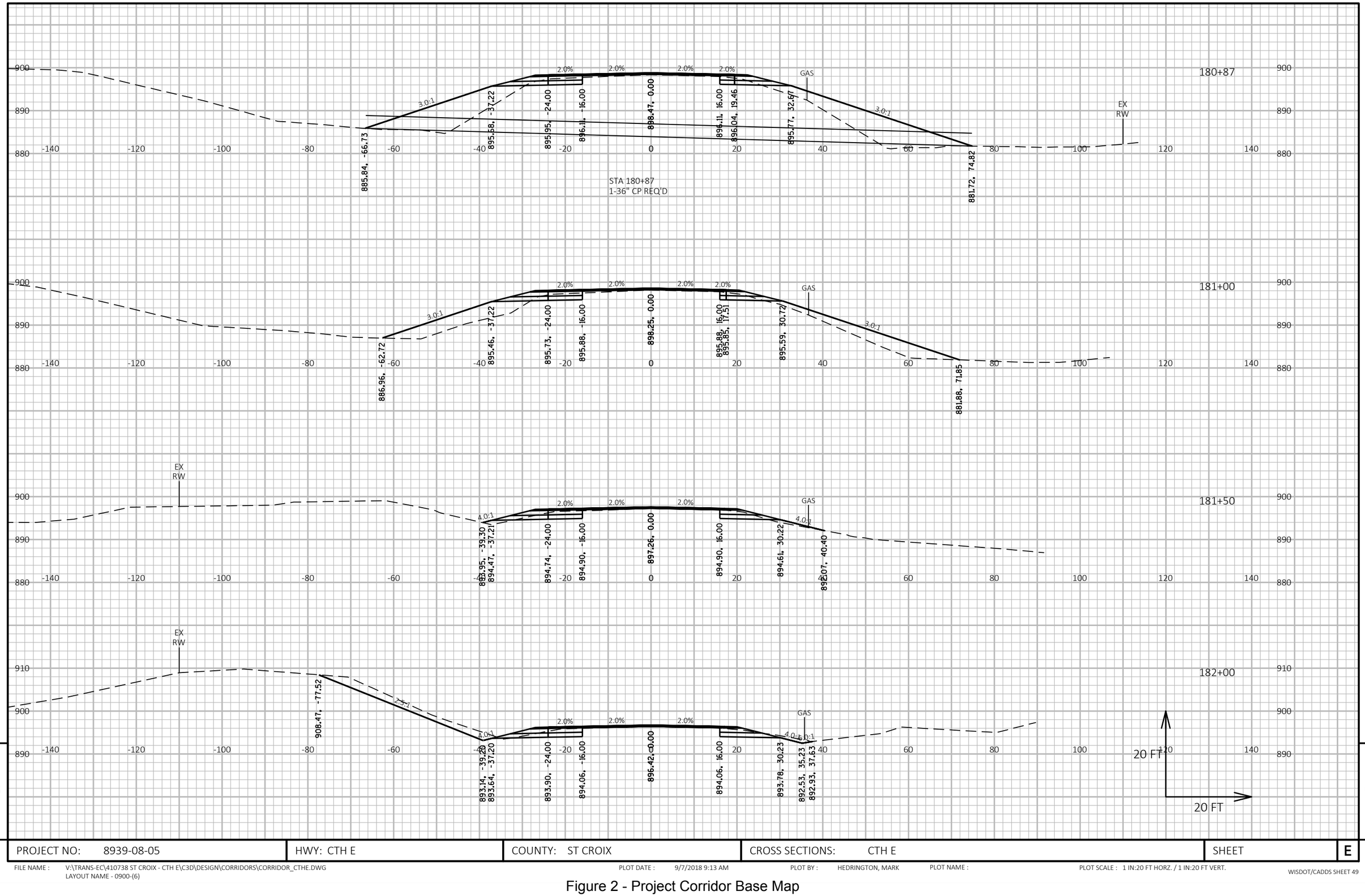
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(5)

PLOT DATE : 9/7/2018 9:13 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

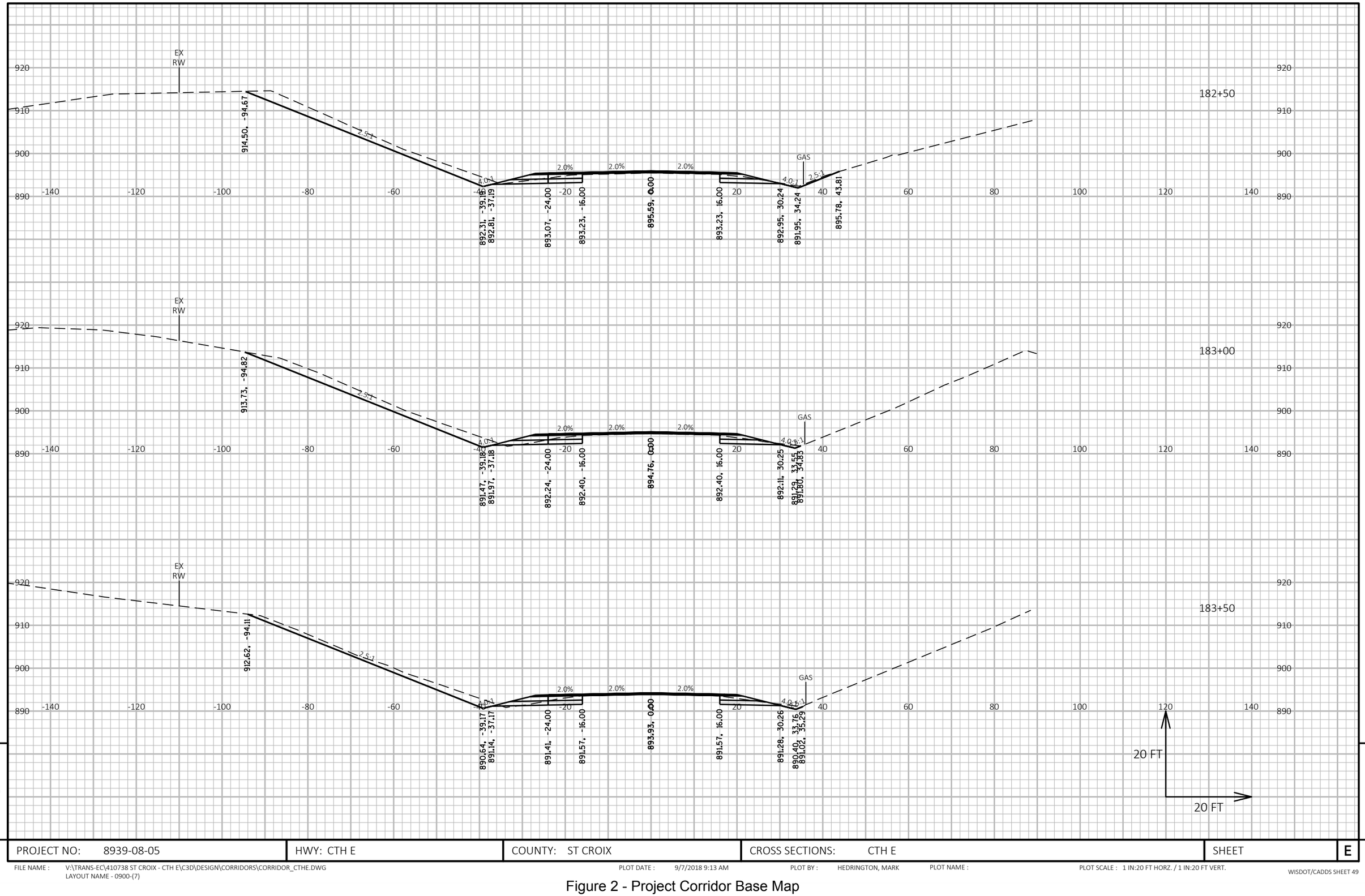
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(6)
PLOT DATE : 9/7/2018 9:13 AM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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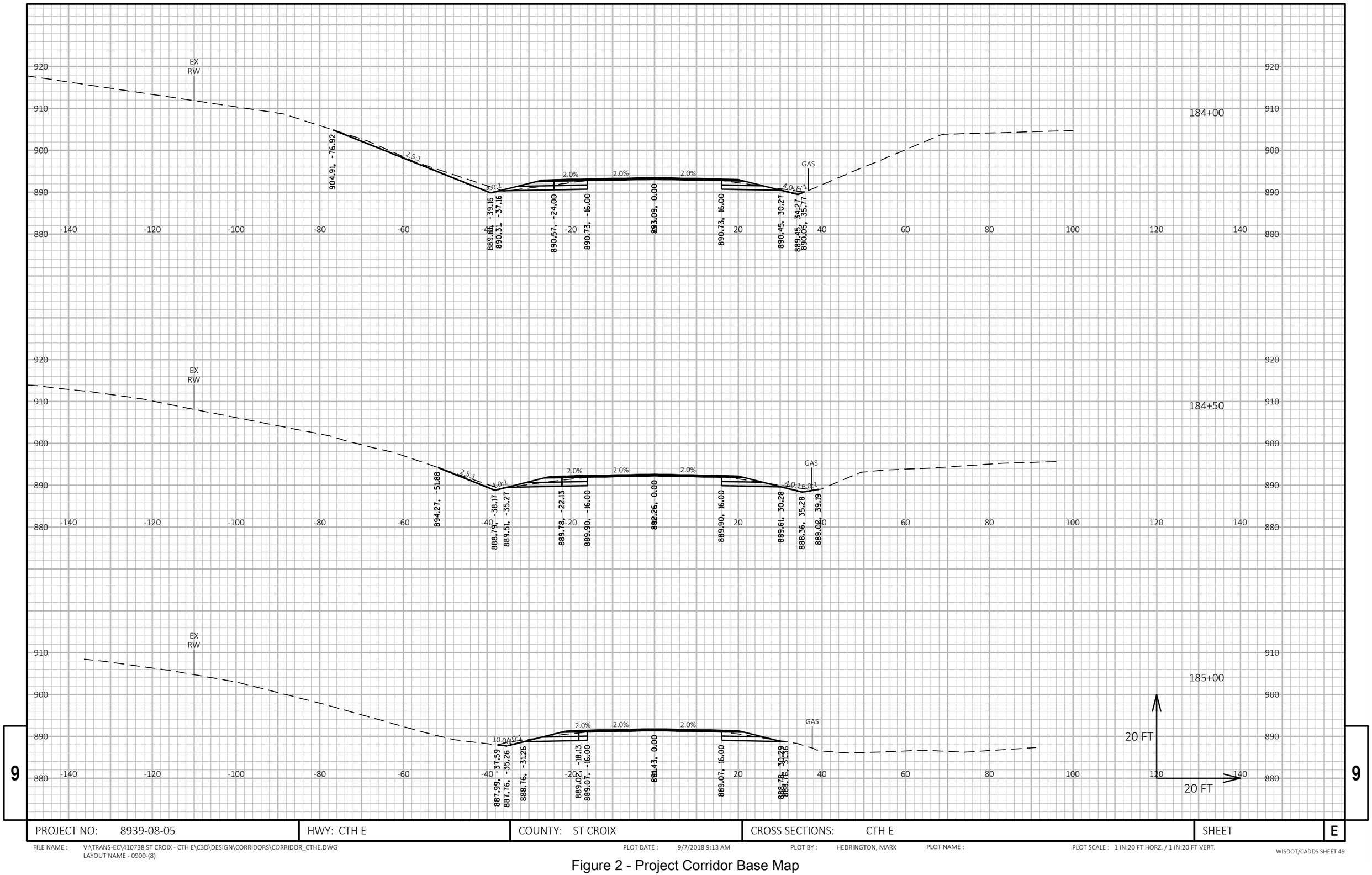
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(7)

PLOT DATE : 9/7/2018 9:13 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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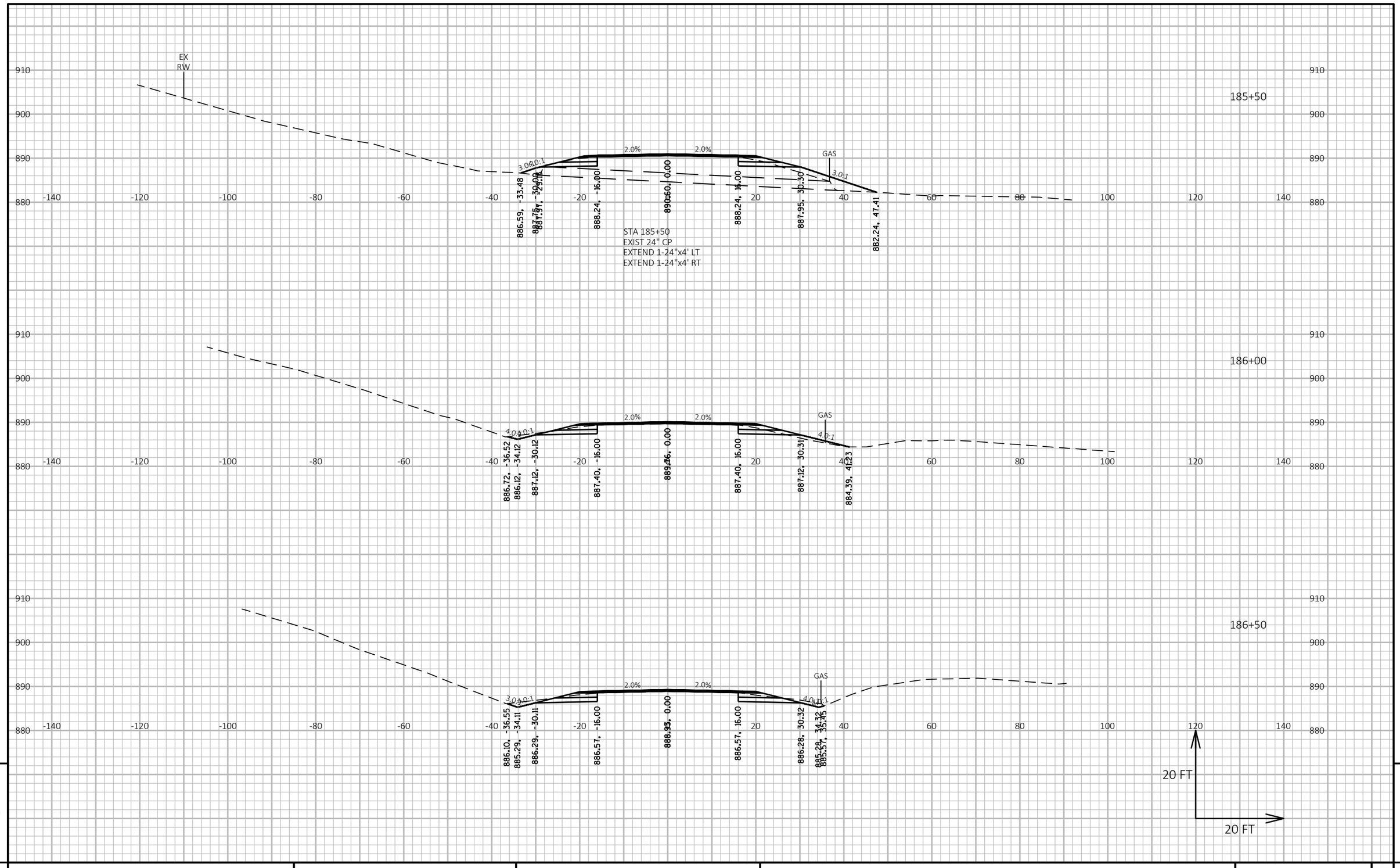
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(8)

PLOT DATE : 9/7/2018 9:13 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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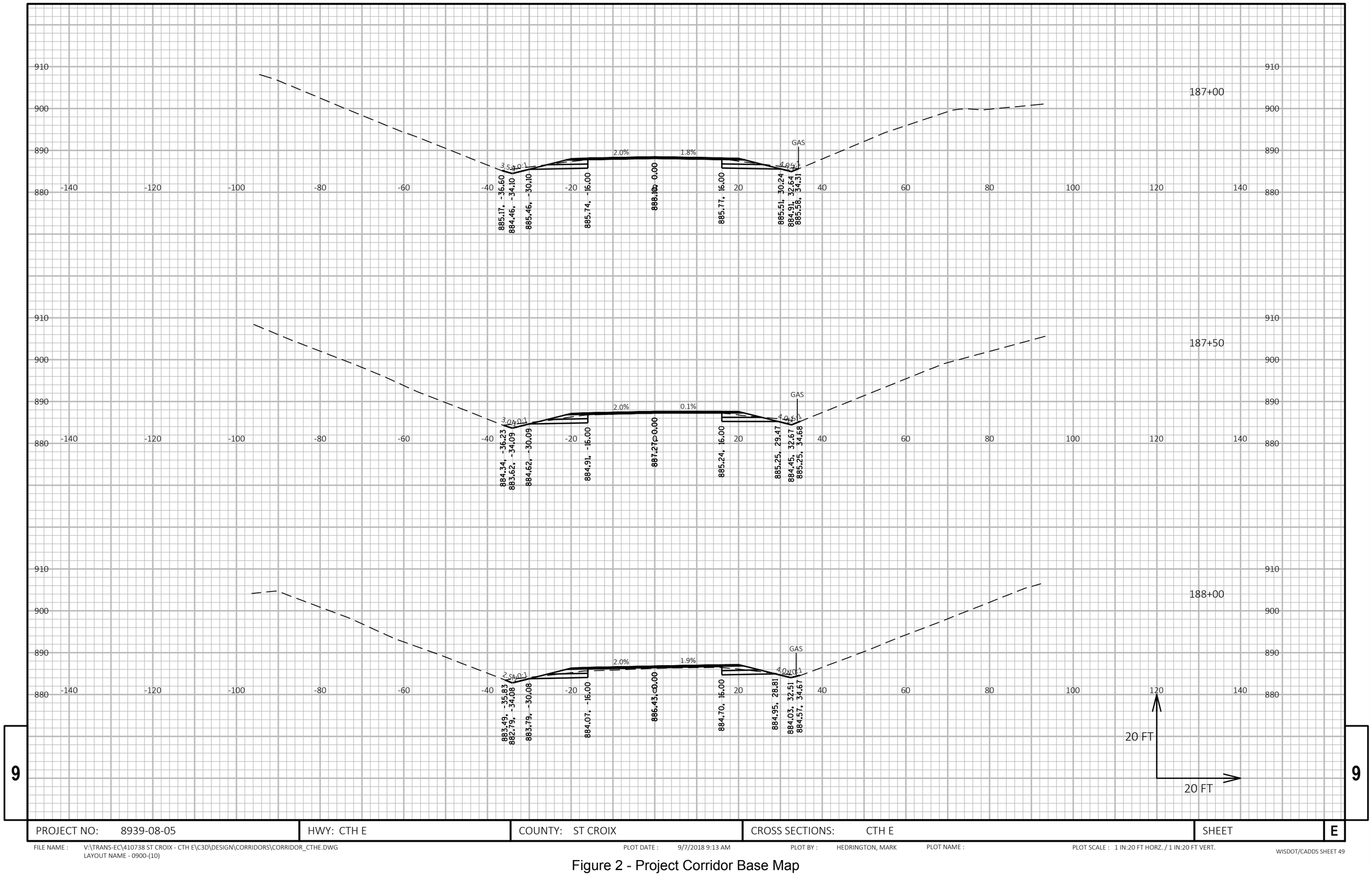
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(9)

PLOT DATE : 9/7/2018 9:13 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



9

PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(10)

PLOT DATE : 9/7/2018 9:13 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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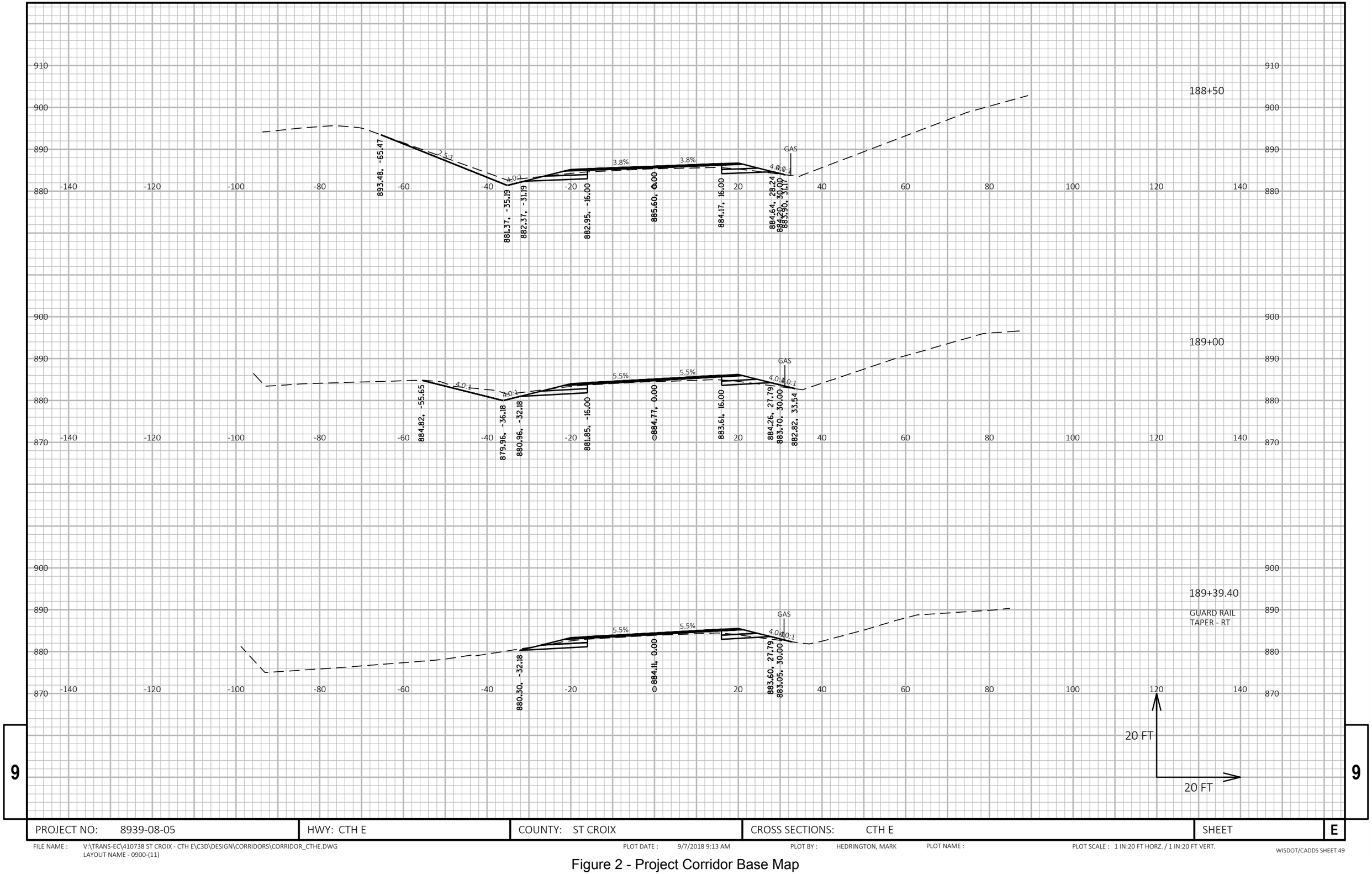
Figure 2 - Project Corridor Base Map



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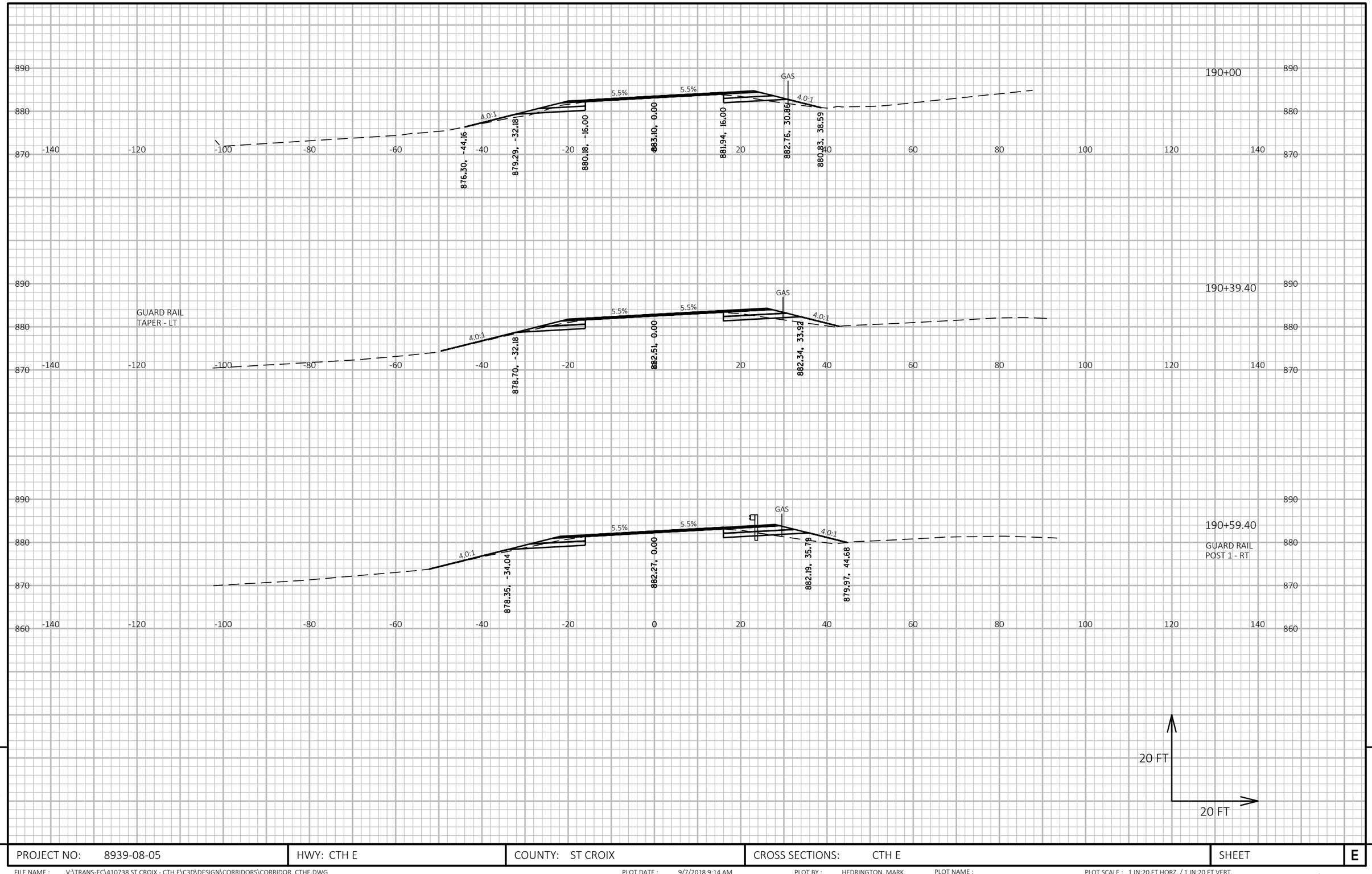
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(11)

PLOT DATE : 9/7/2018 9:13 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

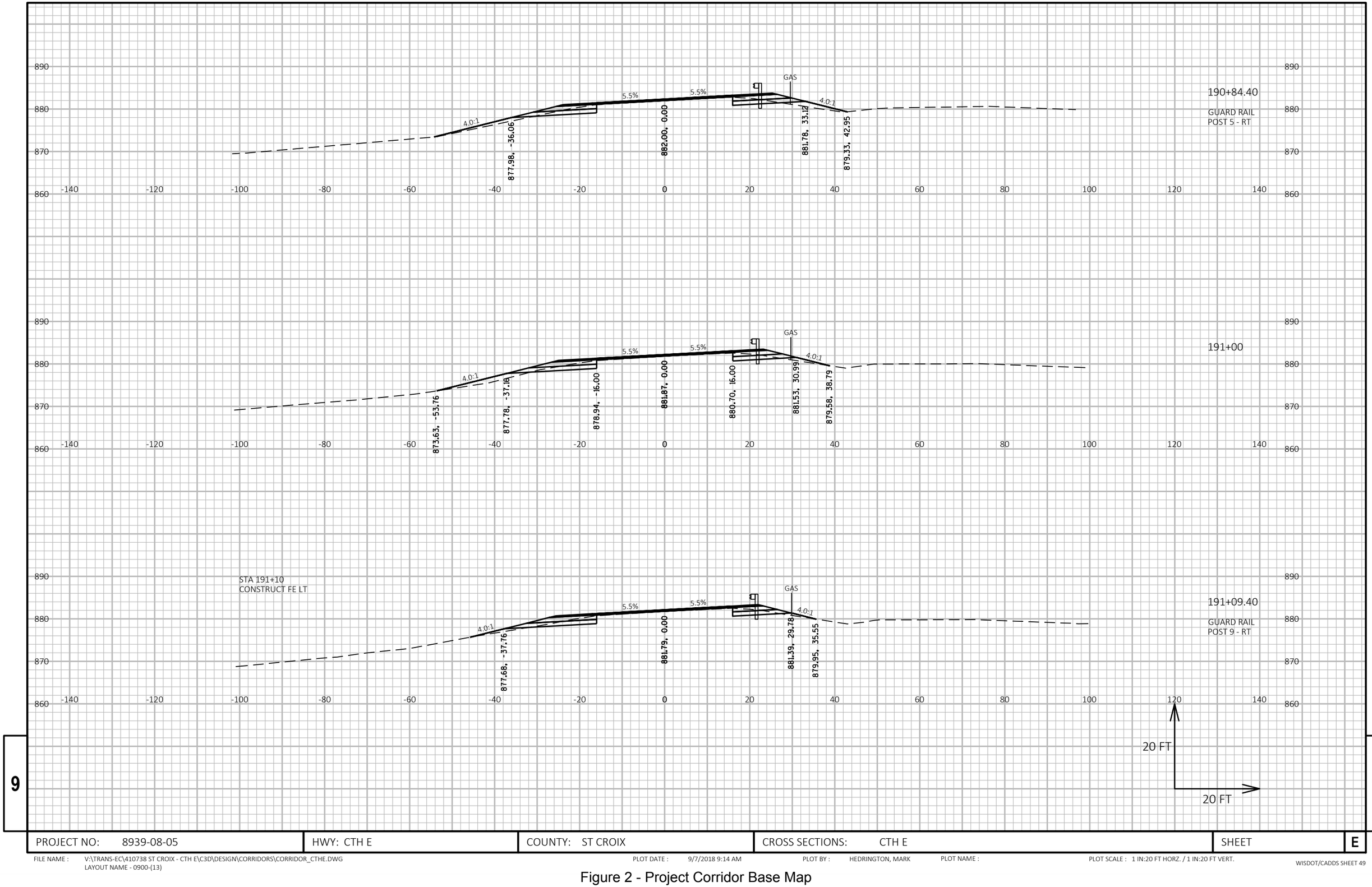
FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(12)

PLOT DATE : 9/7/2018 9:14 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

9

Figure 2 - Project Corridor Base Map



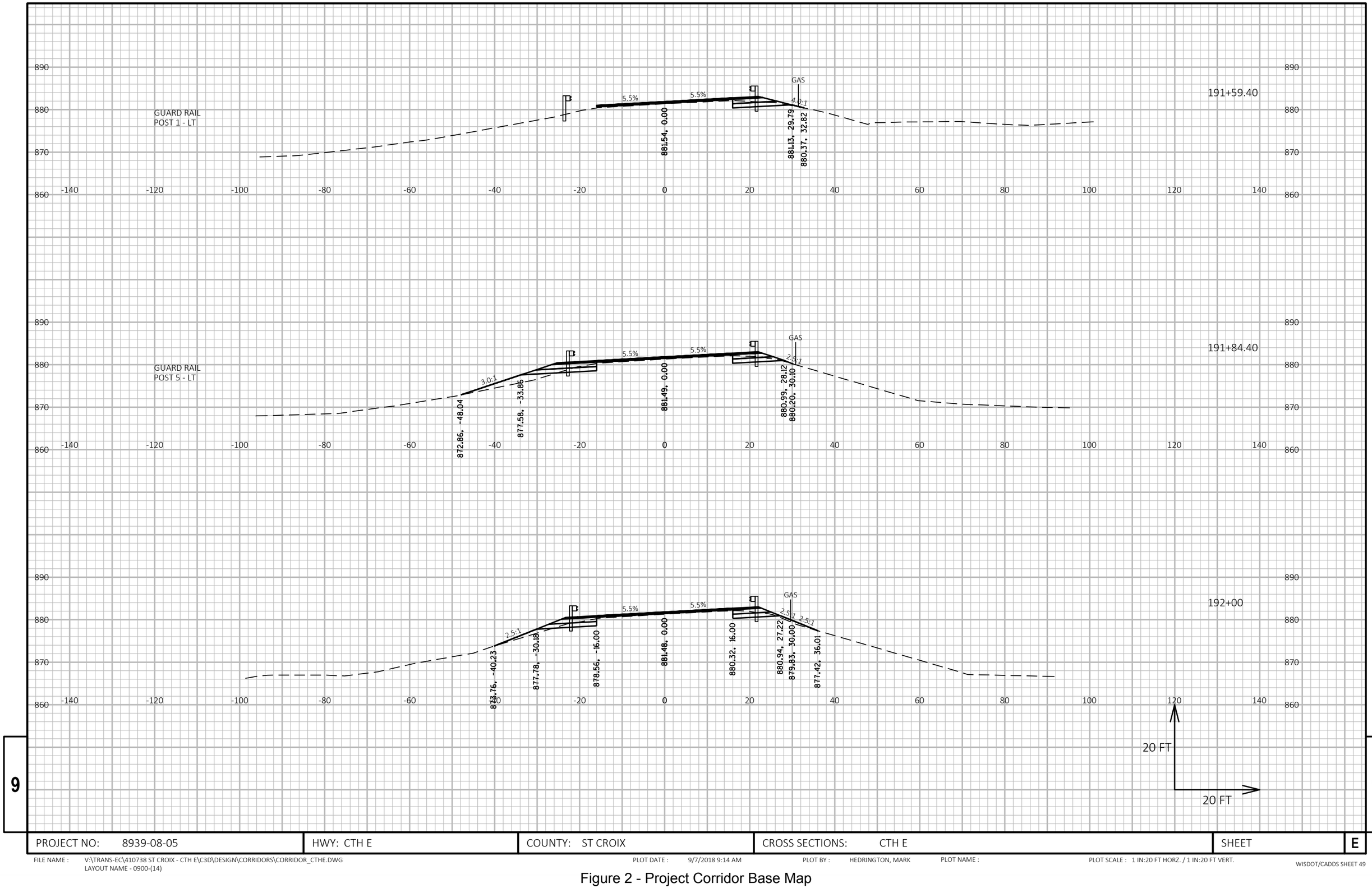
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(13)

PLOT DATE : 9/7/2018 9:14 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



9 9

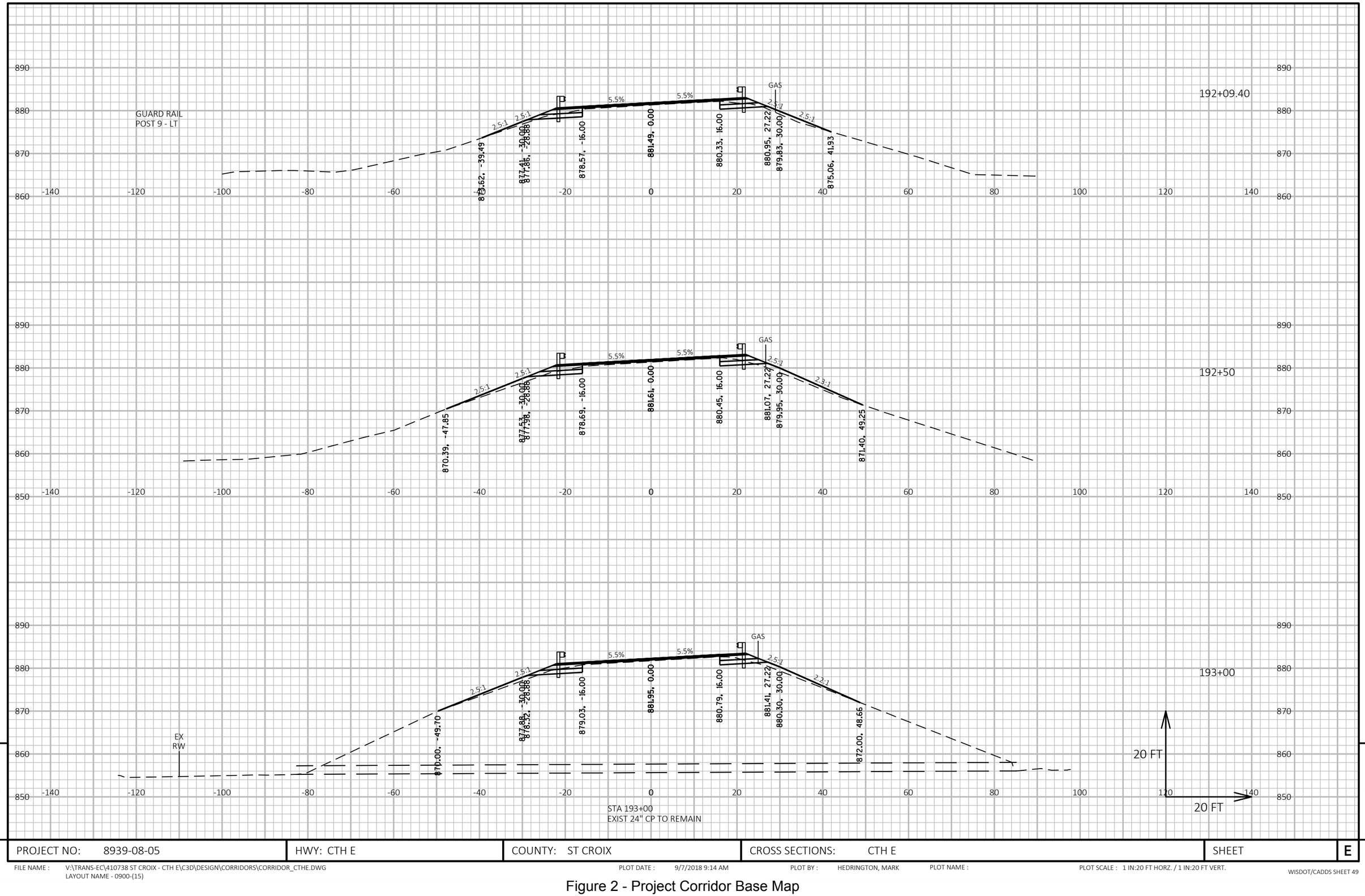
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(14)

PLOT DATE : 9/7/2018 9:14 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

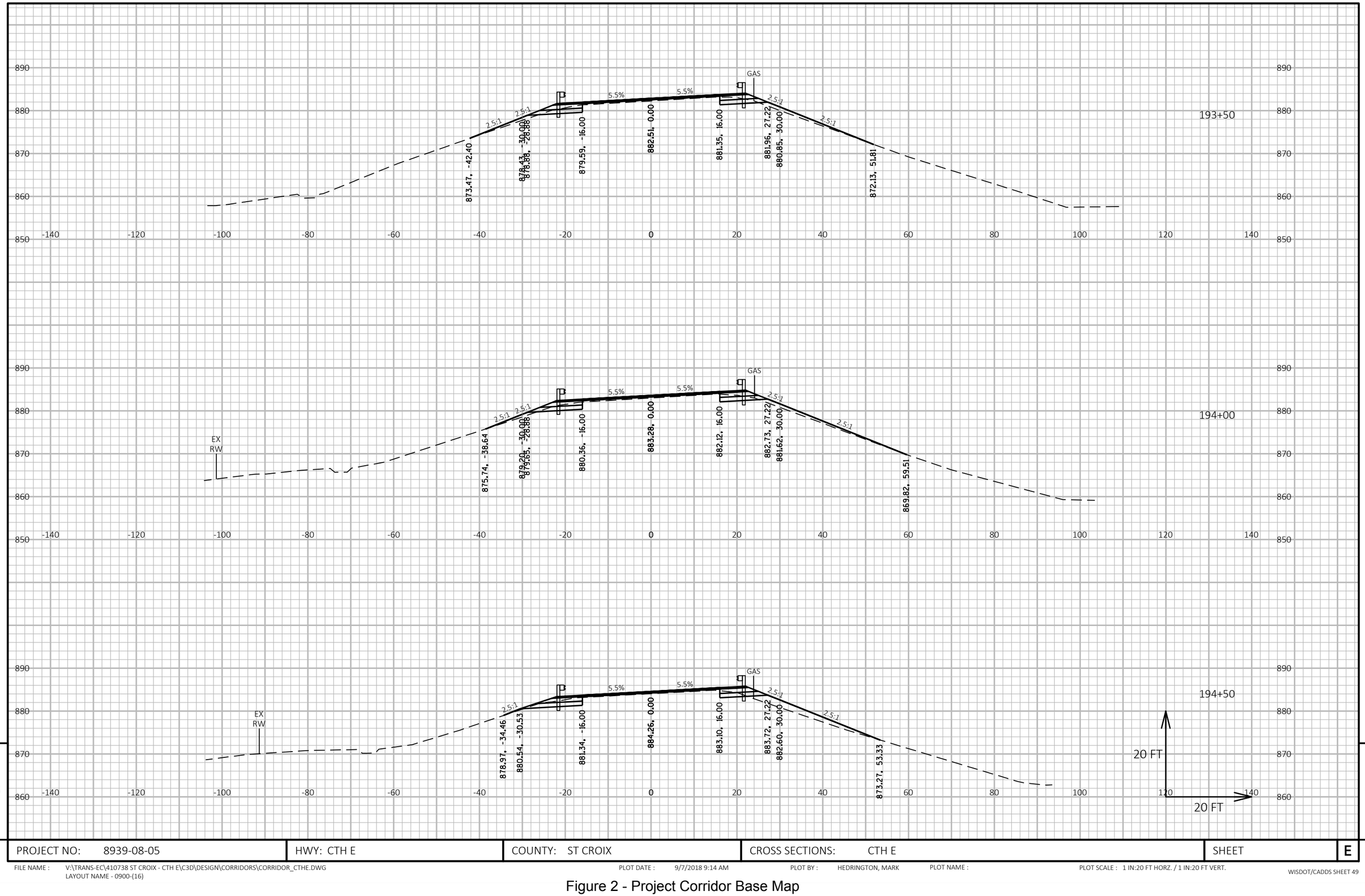
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(15)
PLOT DATE : 9/7/2018 9:14 AM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

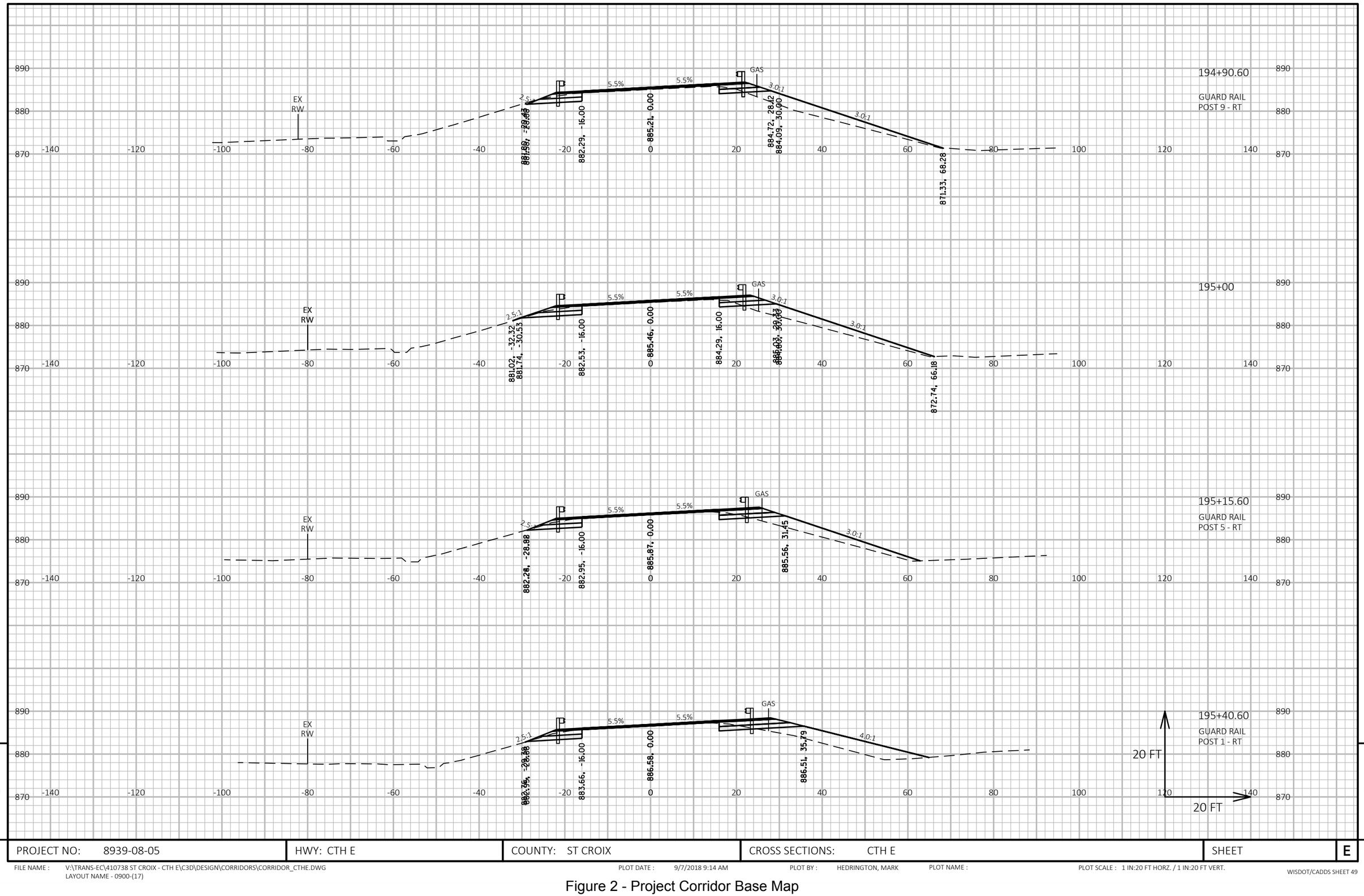
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(16)
PLOT DATE : 9/7/2018 9:14 AM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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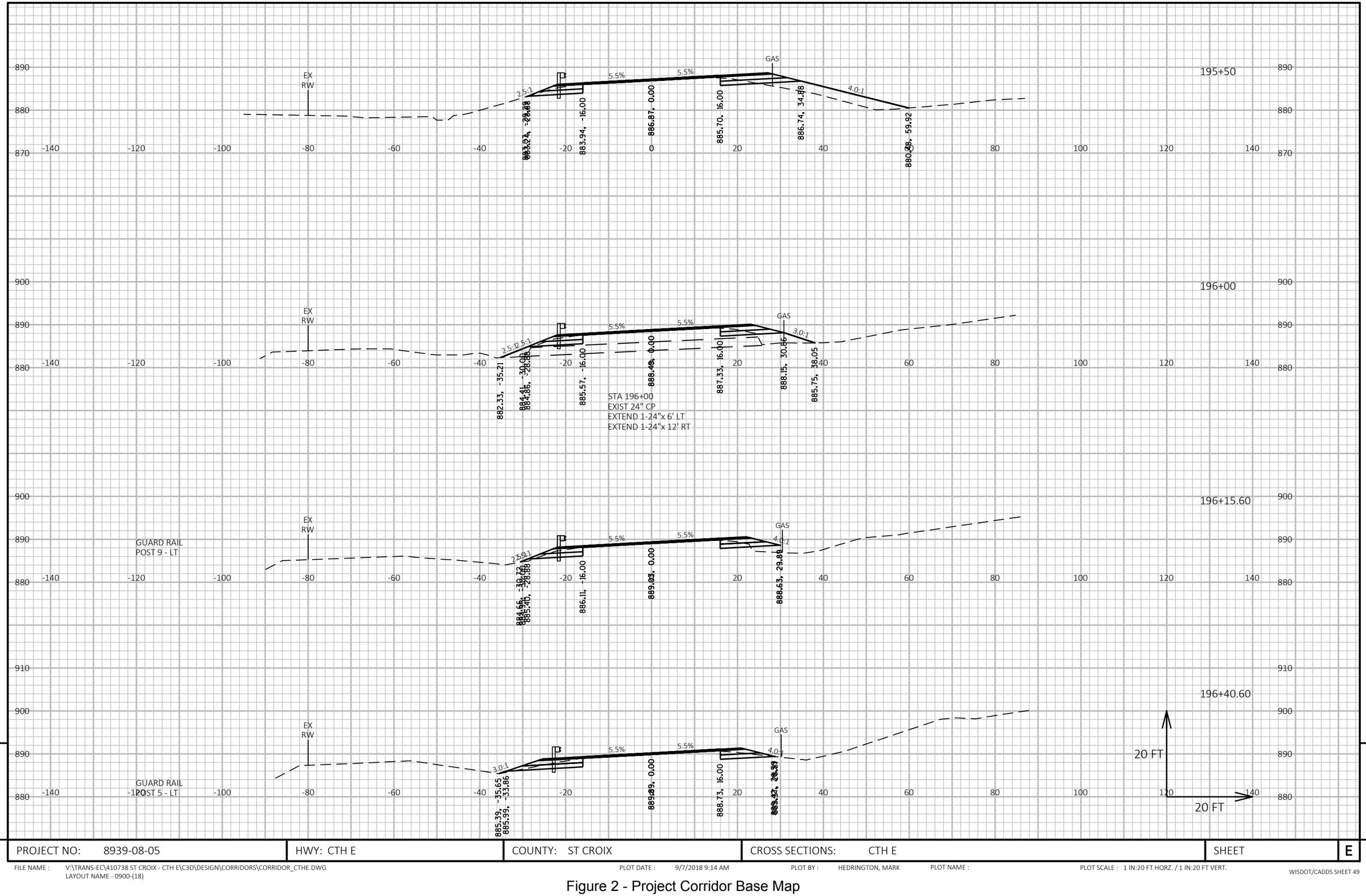
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(17)

PLOT DATE : 9/7/2018 9:14 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



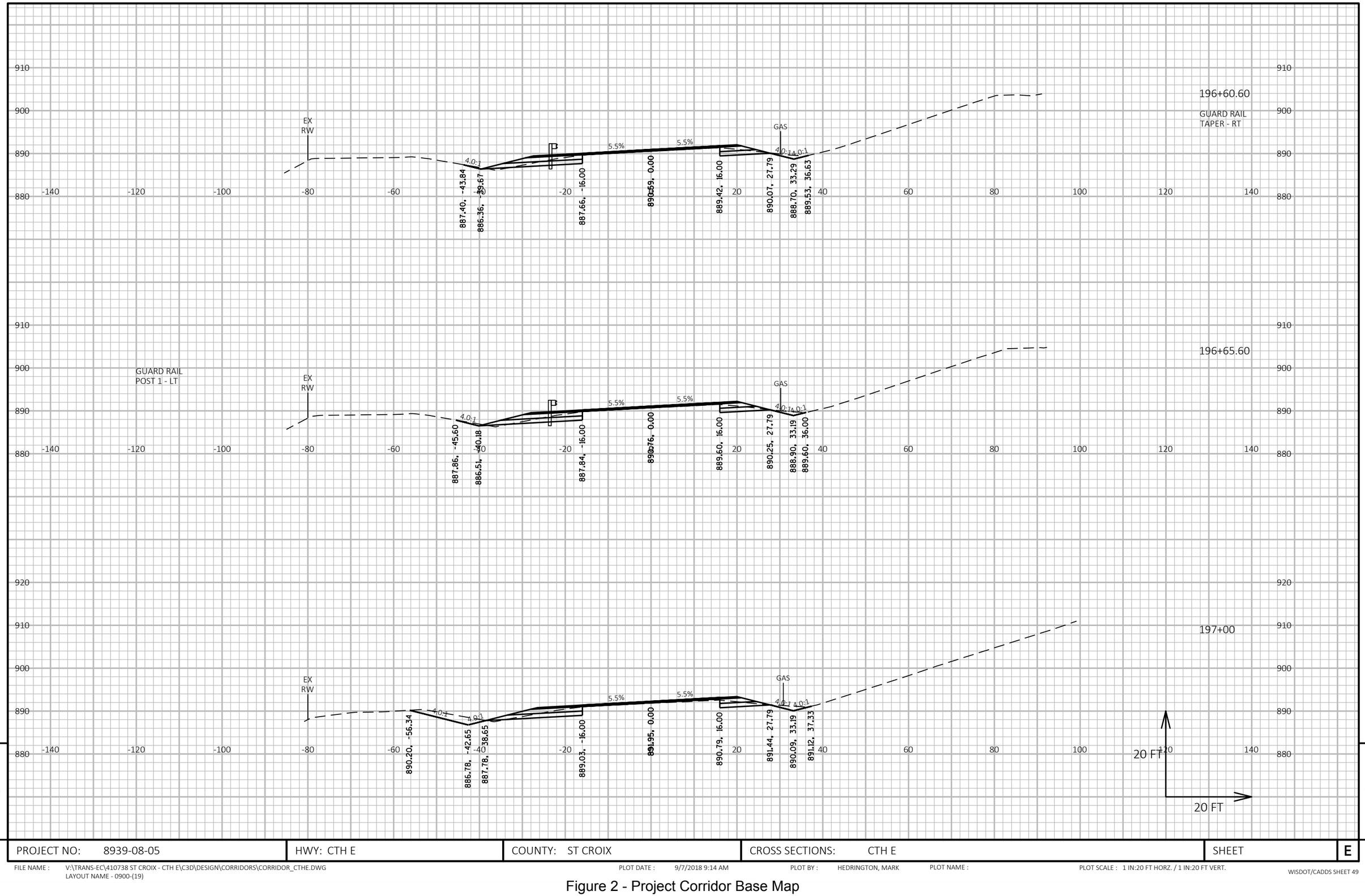
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(18)

PLOT DATE : 9/7/2018 9:14 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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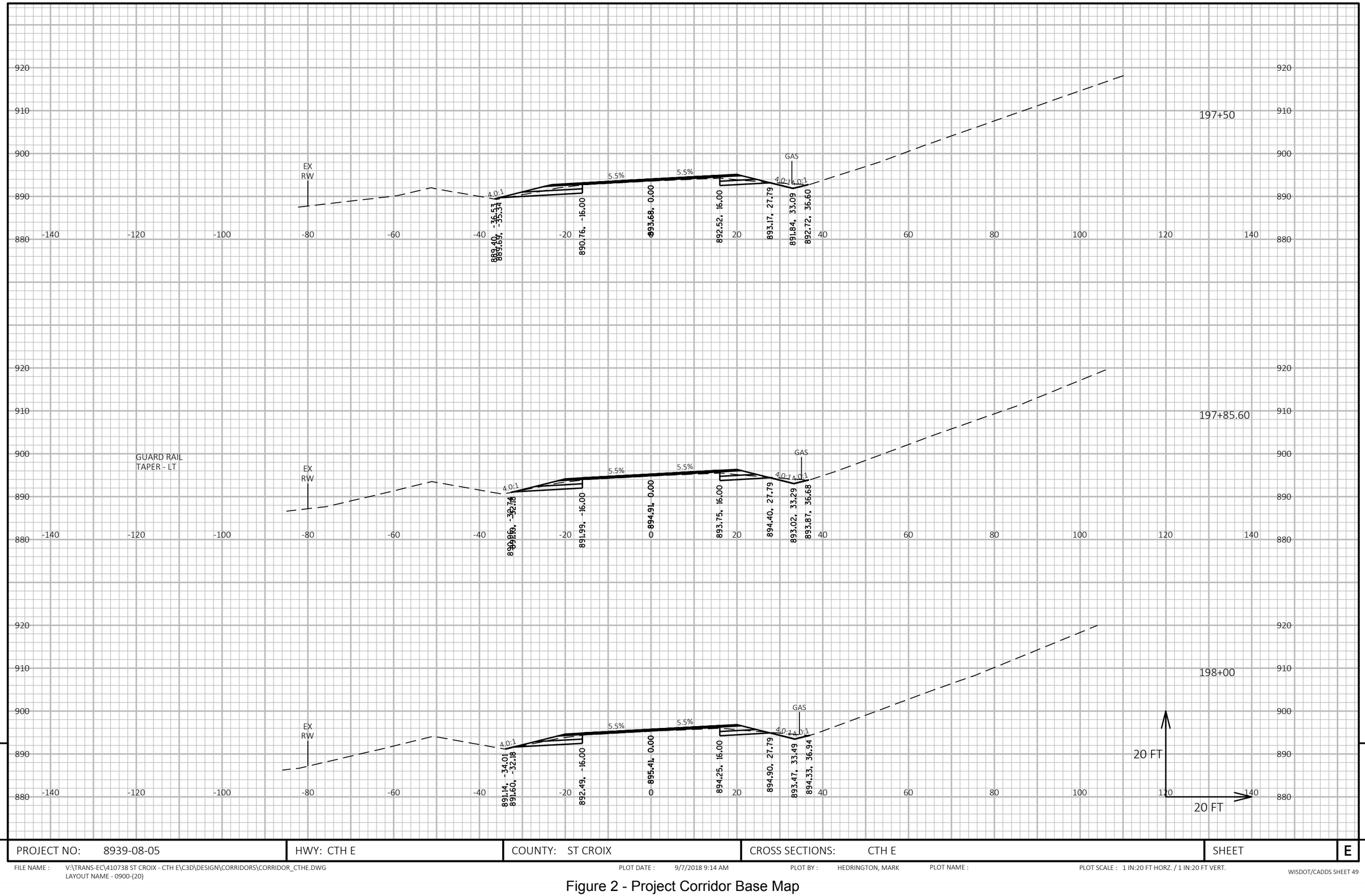
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(19)

PLOT DATE : 9/7/2018 9:14 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map

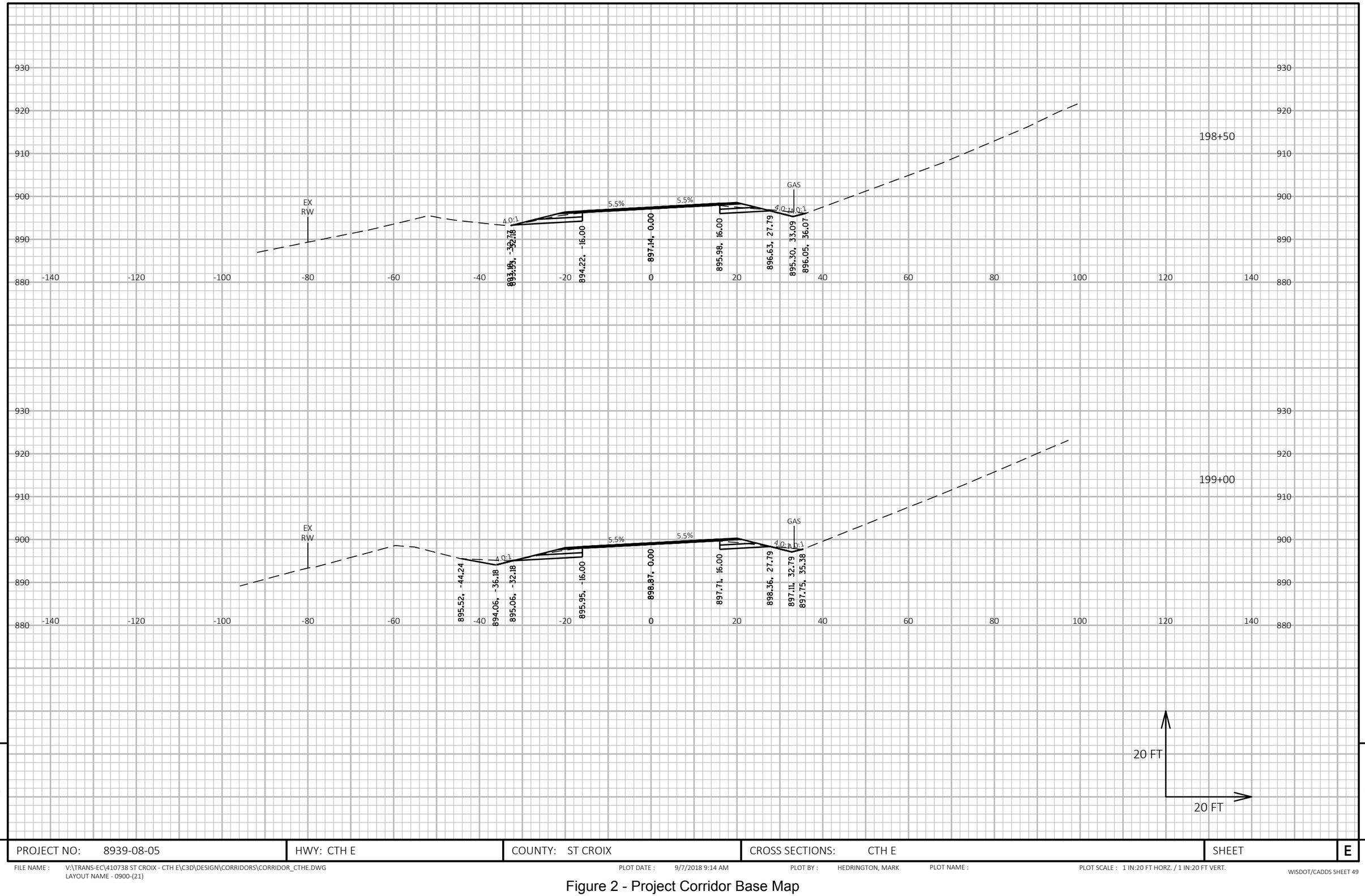


PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(20)
PLOT DATE : 9/7/2018 9:14 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(21)

PLOT DATE : 9/7/2018 9:14 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map

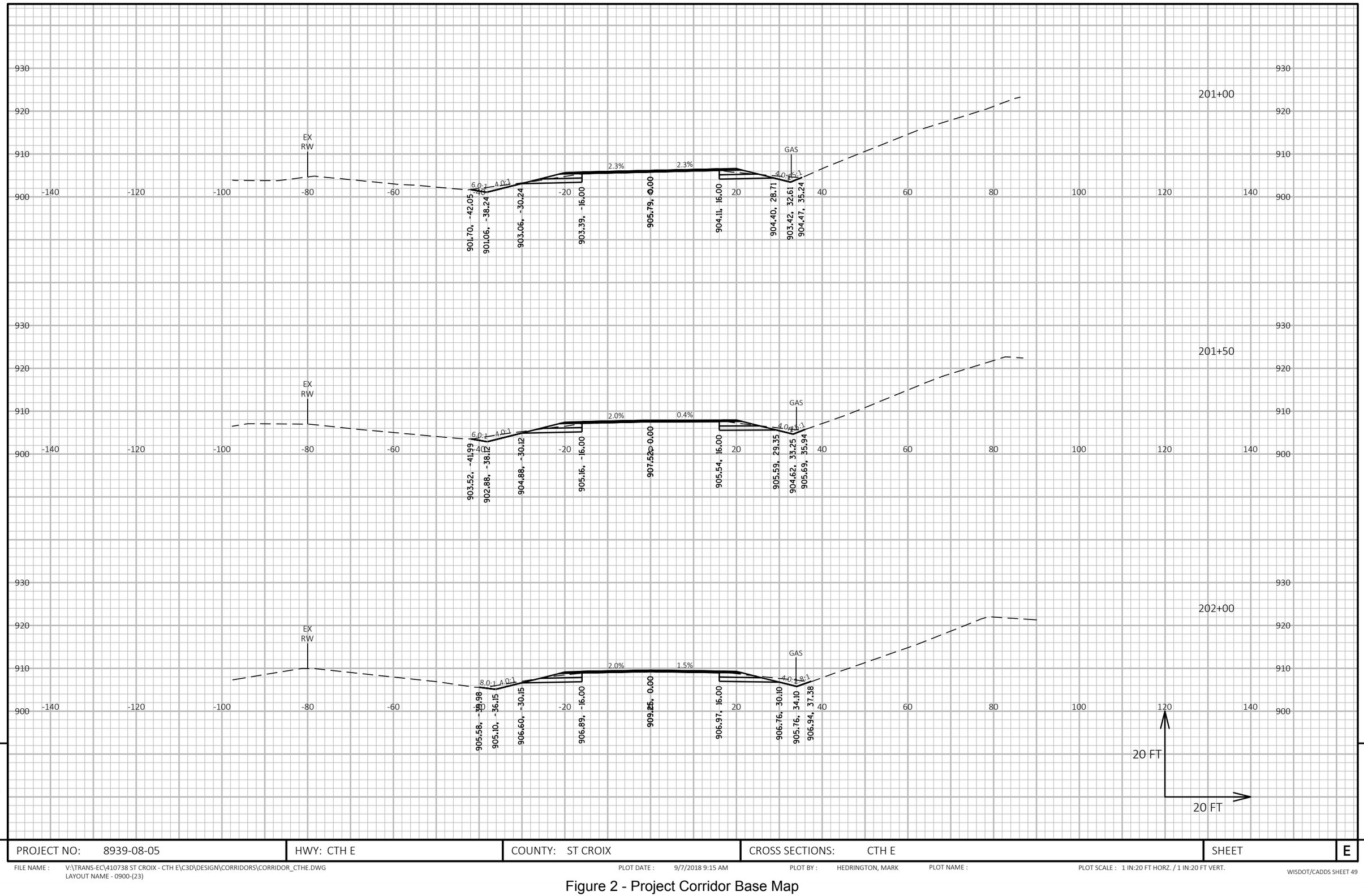
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(22)

PLOT DATE : 9/7/2018 9:14 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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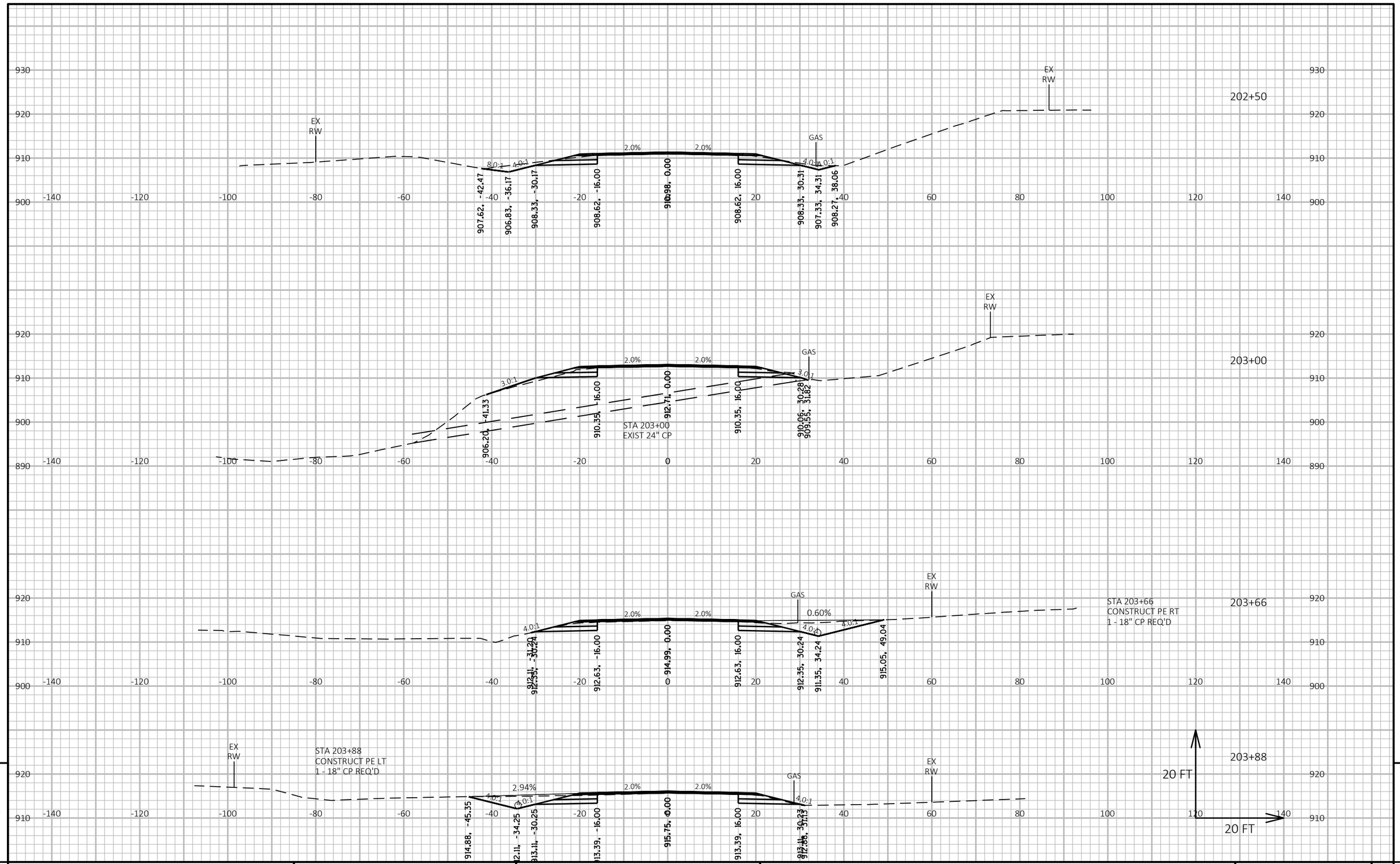
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(23)

PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

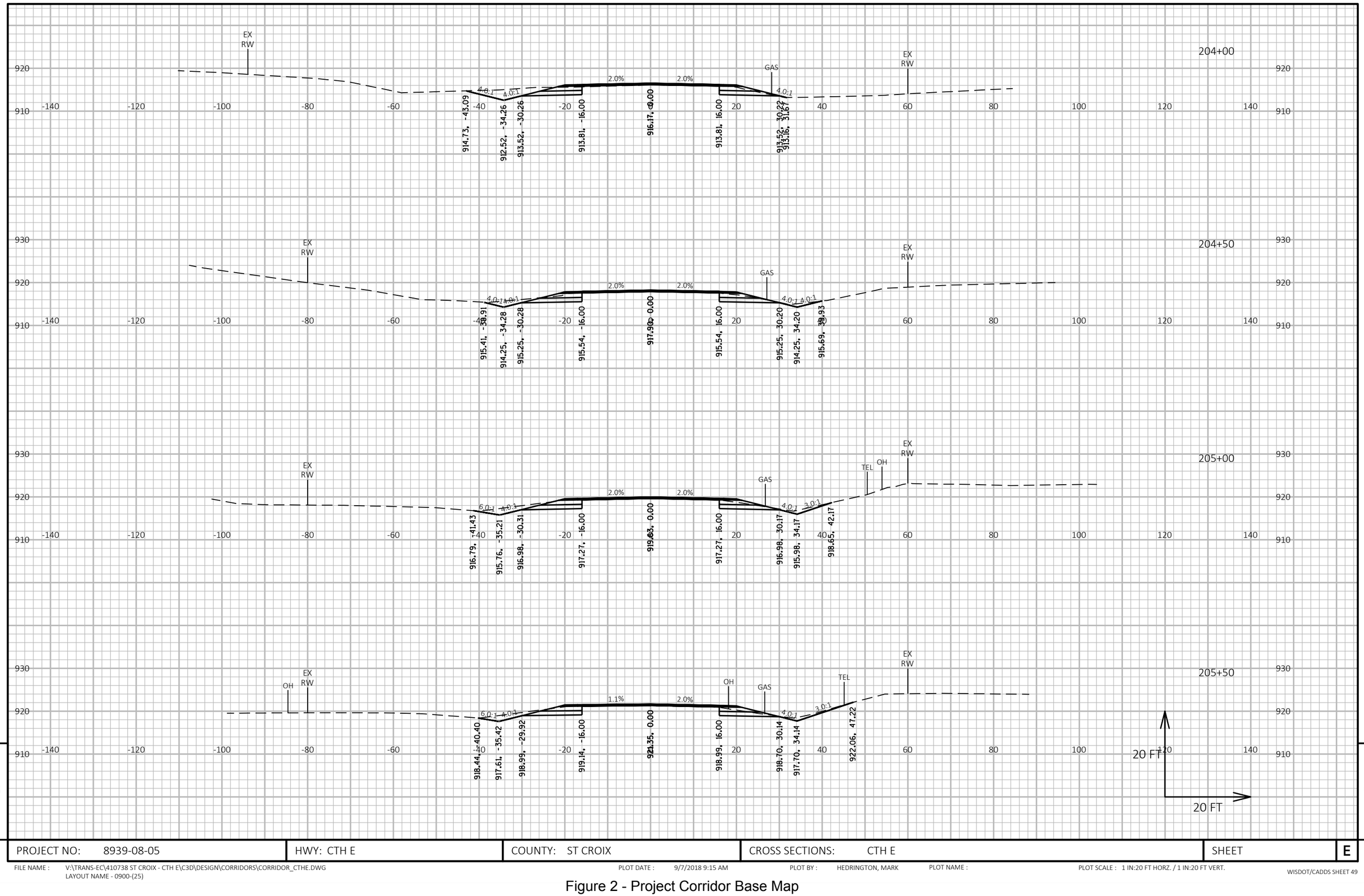
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(24)
PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



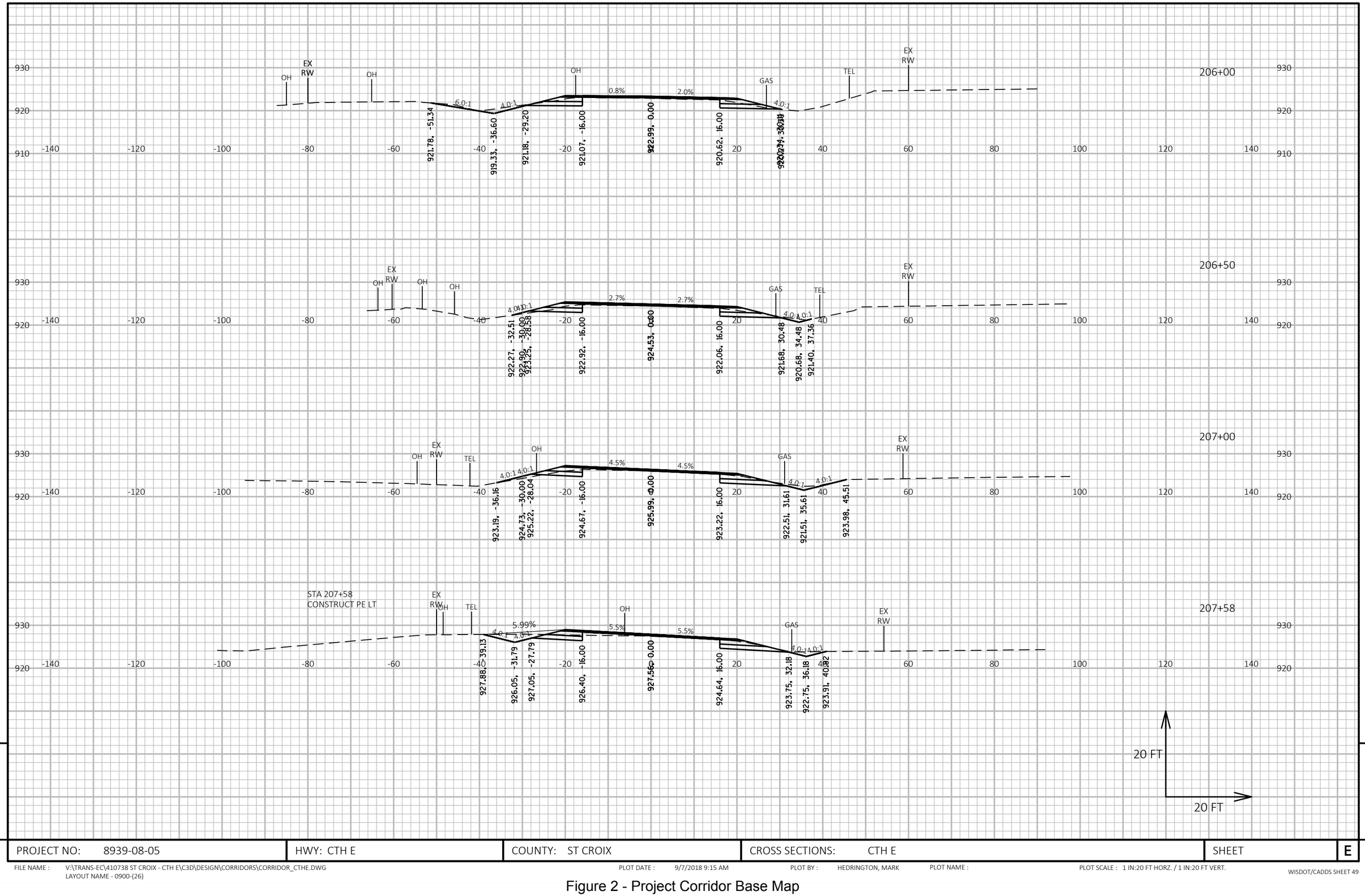
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(25)

PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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9

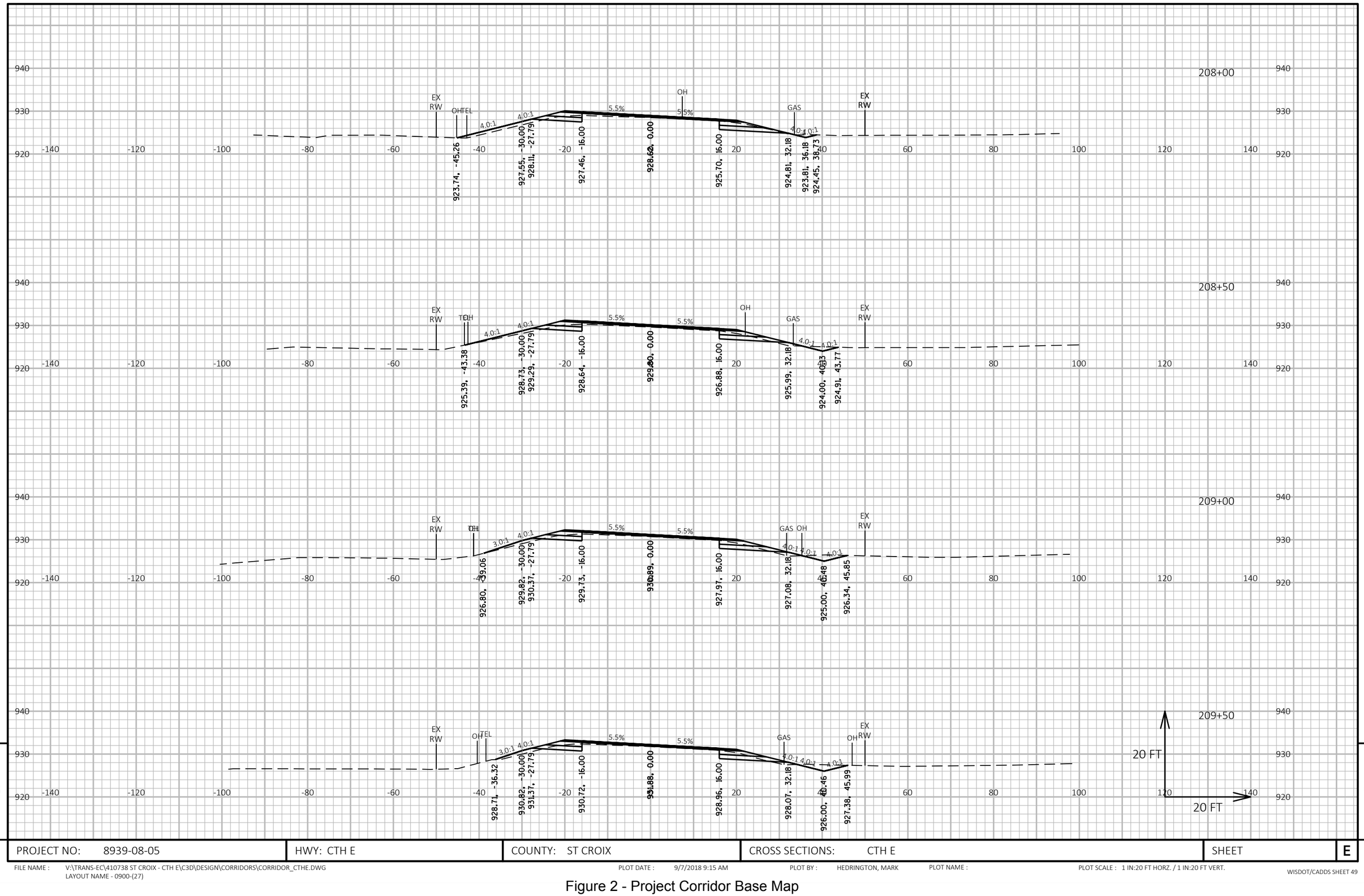
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(26)

PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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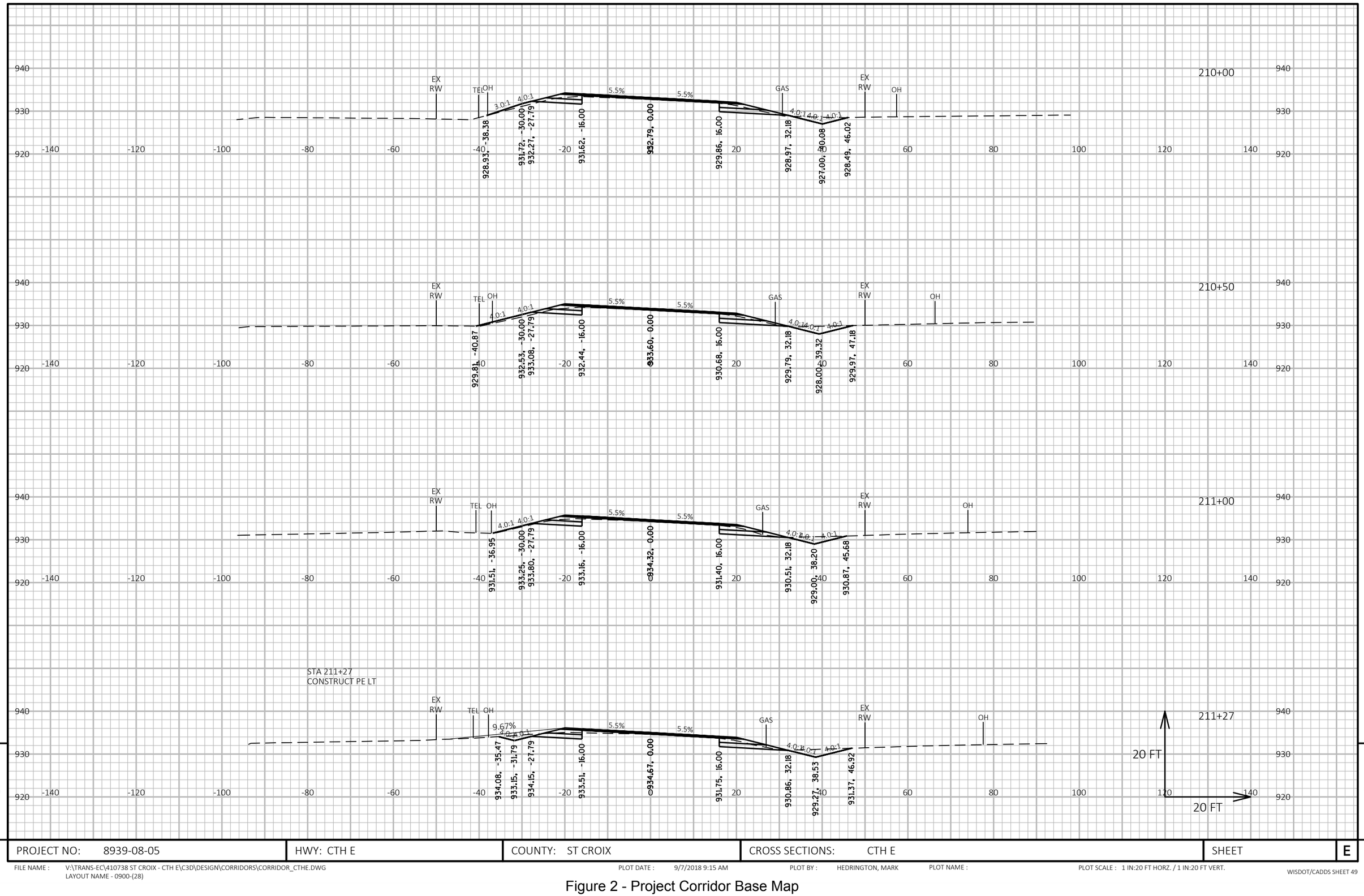
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(27)

PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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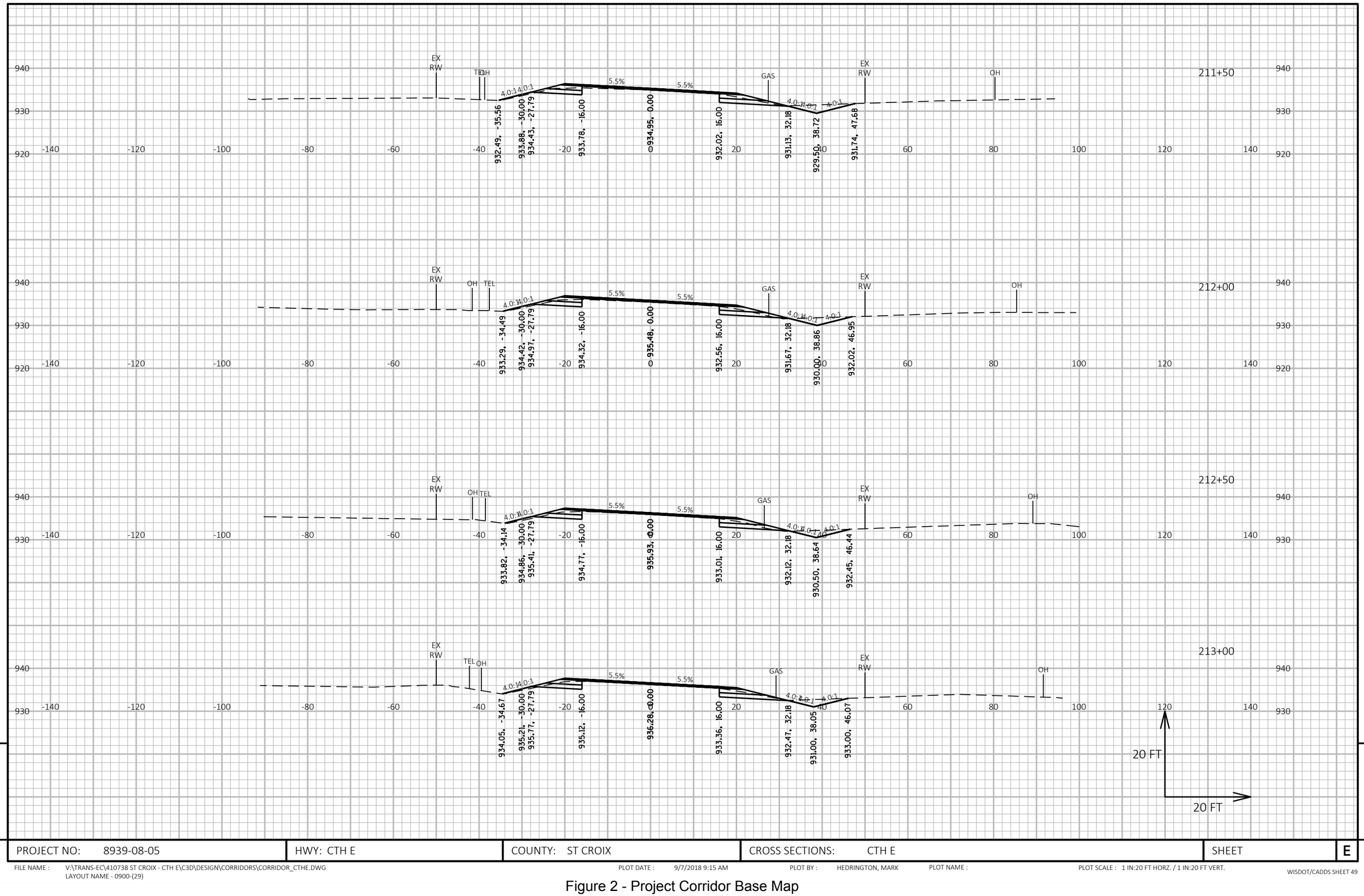
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(28)

PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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9

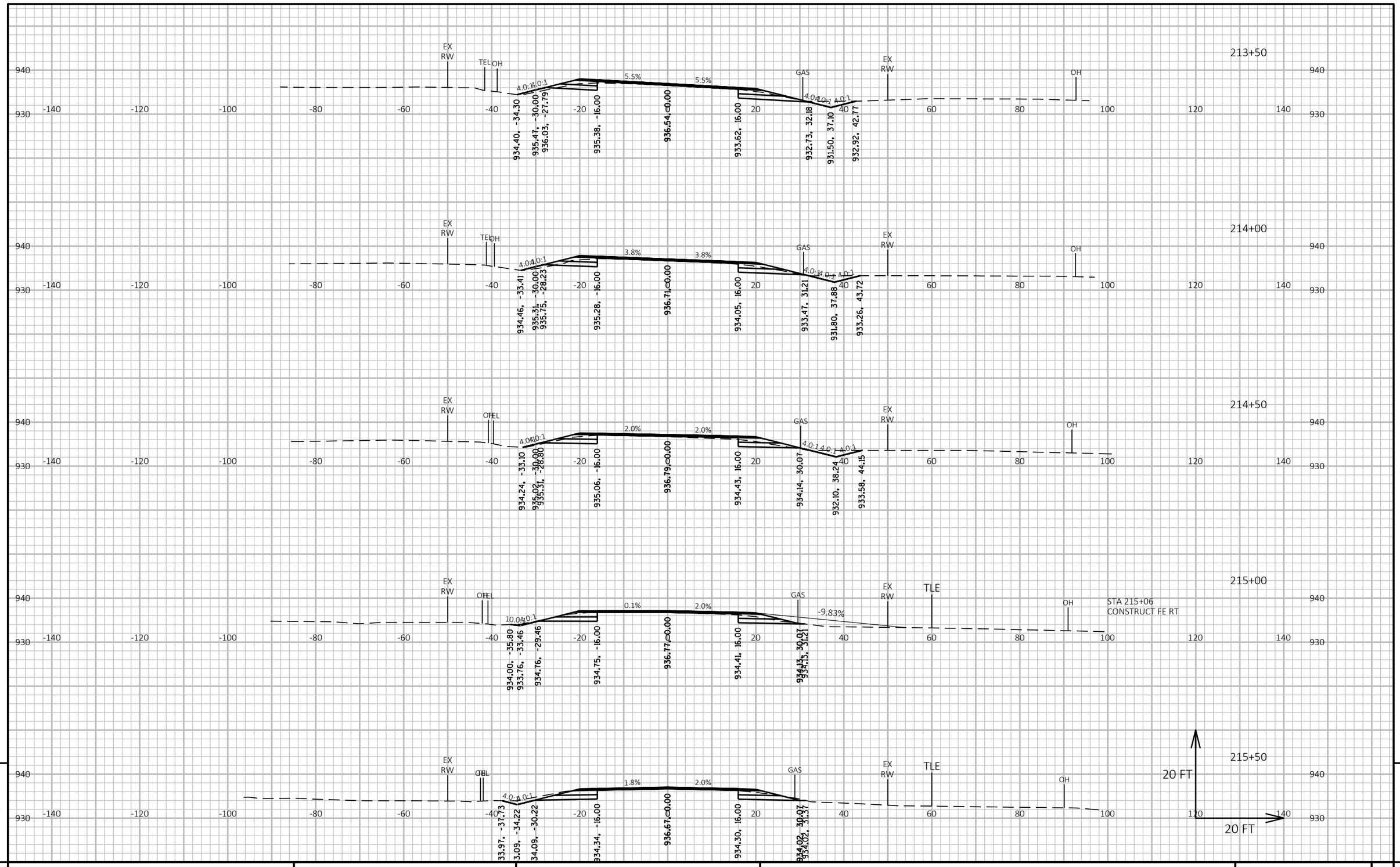
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(29)

PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(30)

PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map

STA 215+78
CONSTRUCT PE LT

STA 215+78
CONSTRUCT FE RT

215+78

EX RW | OHL | 5.05% | 4.0:1 | 4.0:1 | 2.0% | 2.0% | GAS | -9.90% | 4.0:1 | 4.0:1 | EX RW | TLE | OH

935.28, -43.77
932.92, -34.32
933.92, -30.32
934.20, -16.00
936.57, 0.00
934.20, 16.00
933.92, 30.07
932.92, 34.07
933.82, 37.65

216+00

EX RW | OHL | 4.0:1 | 4.0:1 | 2.0% | 2.0% | GAS | 4.0:1 | EX RW | OH

934.23, -39.98
932.82, -34.32
933.82, -30.32
934.11, -16.00
936.47, 0.00
934.11, 16.00
933.82, 30.07
933.38, 31.85

216+50

EX RW | OHL | 4.0:1 | 4.0:1 | 2.0% | 2.0% | GAS | 4.0:1 | EX RW | OH

933.30, -37.34
932.54, -34.32
933.54, -30.32
933.83, -16.00
936.19, 0.00
933.83, 16.00
933.55, 30.07
932.64, 33.67

217+00

EX RW | OHL | 4.0:1 | 4.0:1 | 2.0% | 2.0% | GAS | 4.0:1 | EX RW | OH

933.75, -40.32
932.25, -34.31
933.25, -30.31
933.54, -16.00
935.90, 0.00
933.54, 16.00
933.26, 30.07
932.06, 34.86

217+50

EX RW | OHL | 4.0:1 | 4.0:1 | 2.0% | 2.0% | GAS | 4.0:1 | EX RW | OH

932.76, -37.50
931.96, -34.31
932.96, -30.31
933.25, -16.00
935.61, 0.00
933.25, 16.00
932.97, 30.07
931.55, 35.71

20 FT
20 FT

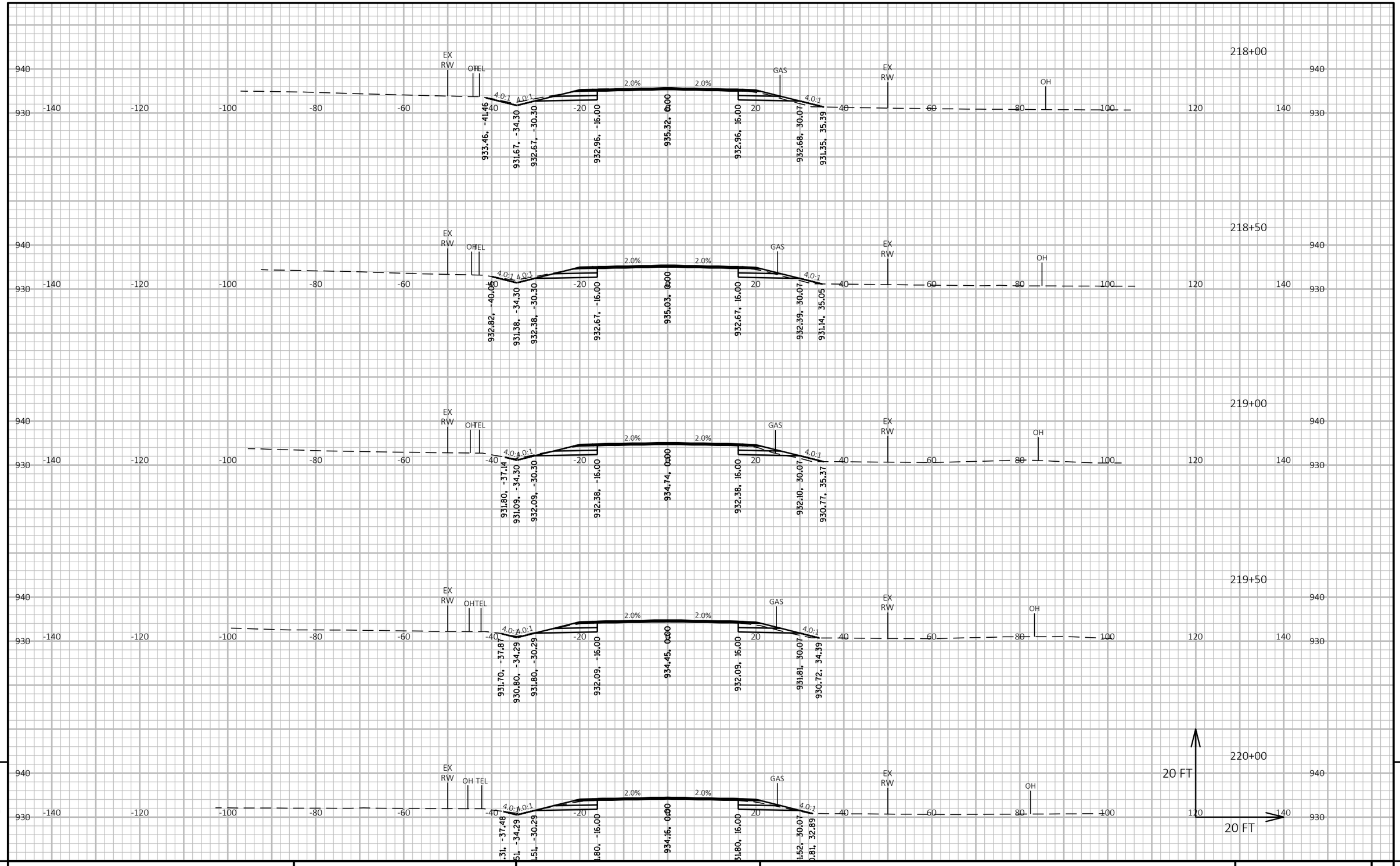
9 9

PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(31)
PLOT DATE : 9/7/2018 9:15 AM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



9

9

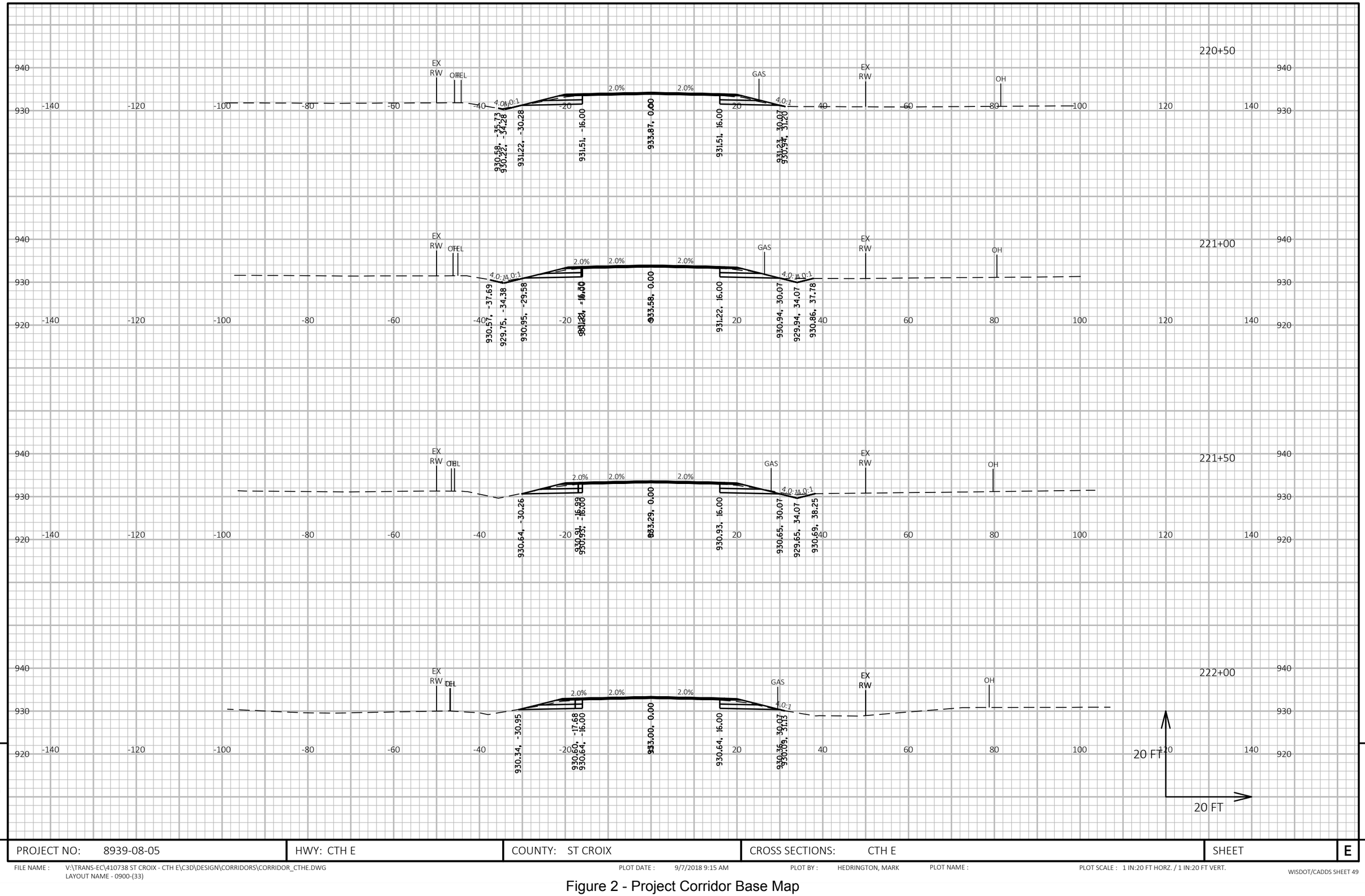
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(32)

PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

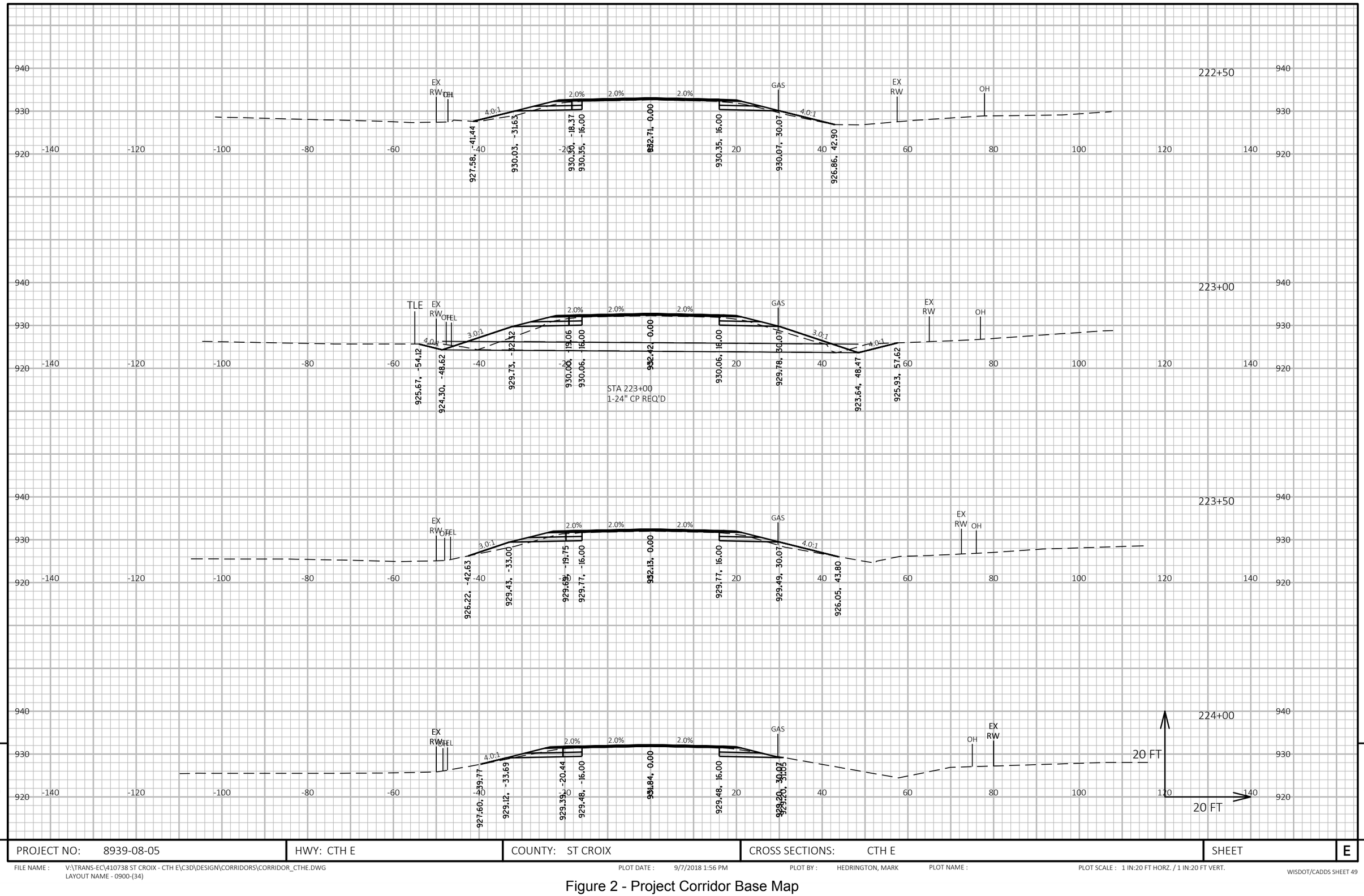
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(33)
PLOT DATE : 9/7/2018 9:15 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

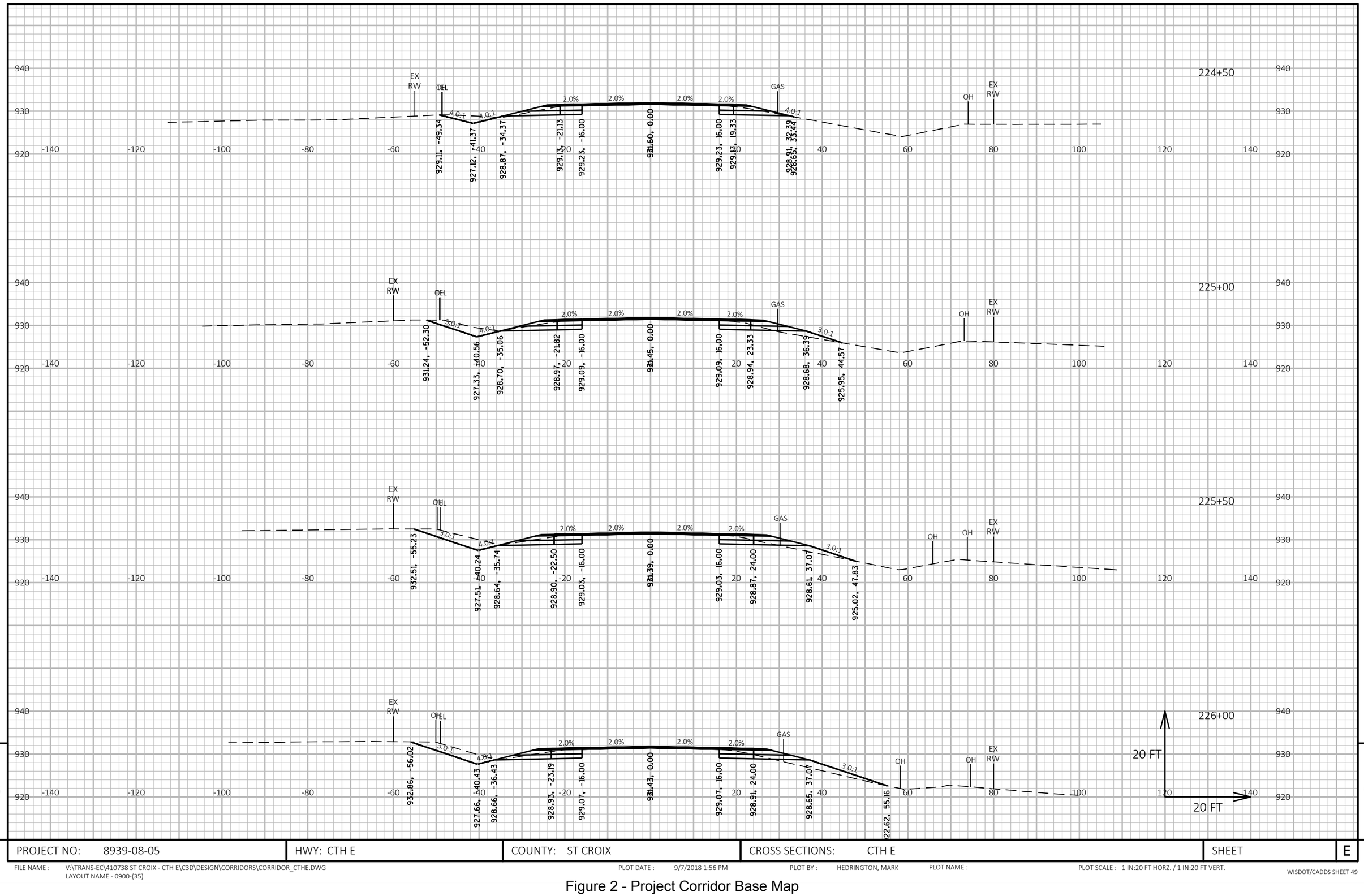
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(34)
PLOT DATE : 9/7/2018 1:56 PM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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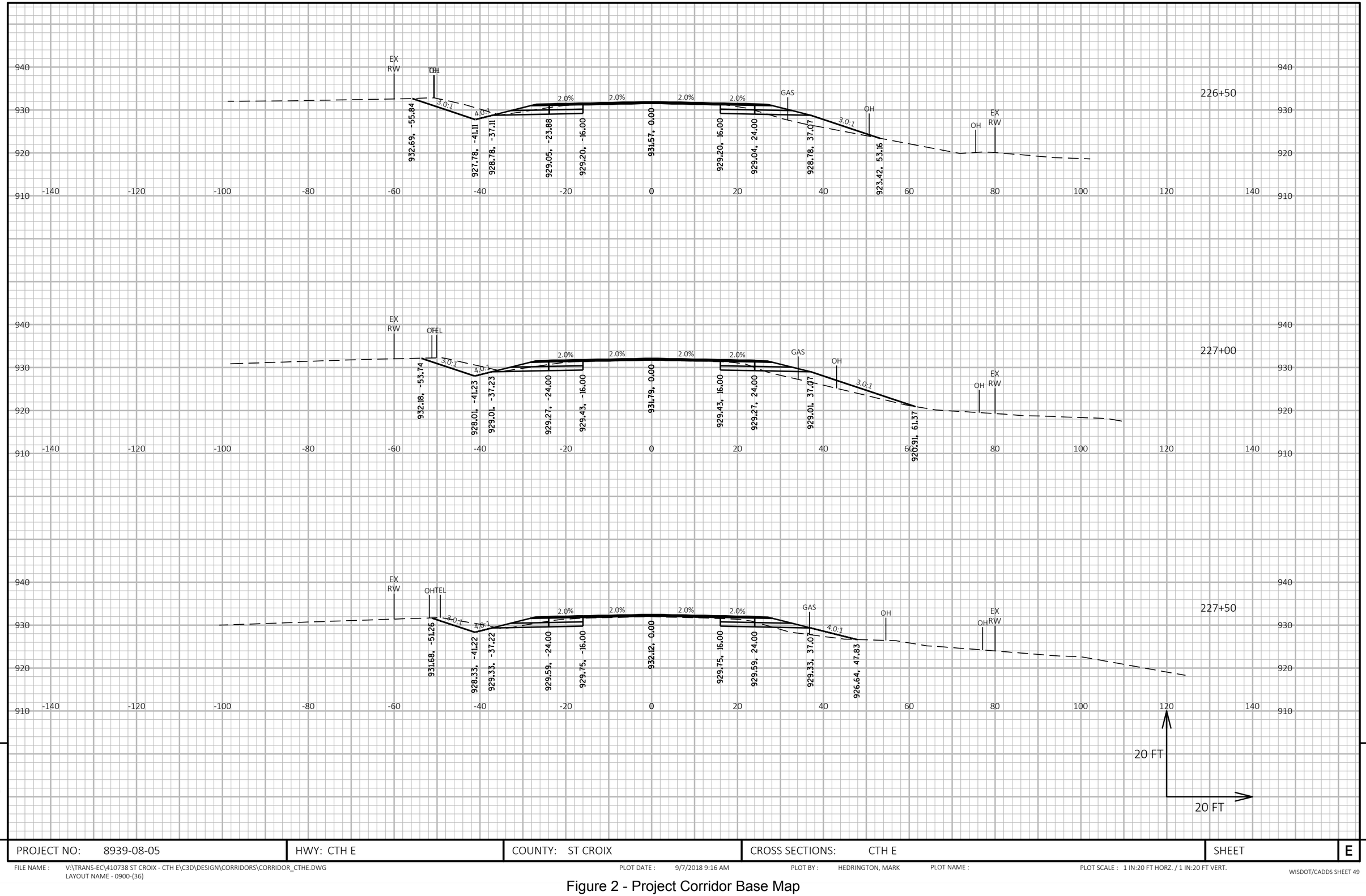
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(35)

PLOT DATE : 9/7/2018 1:56 PM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



9

9

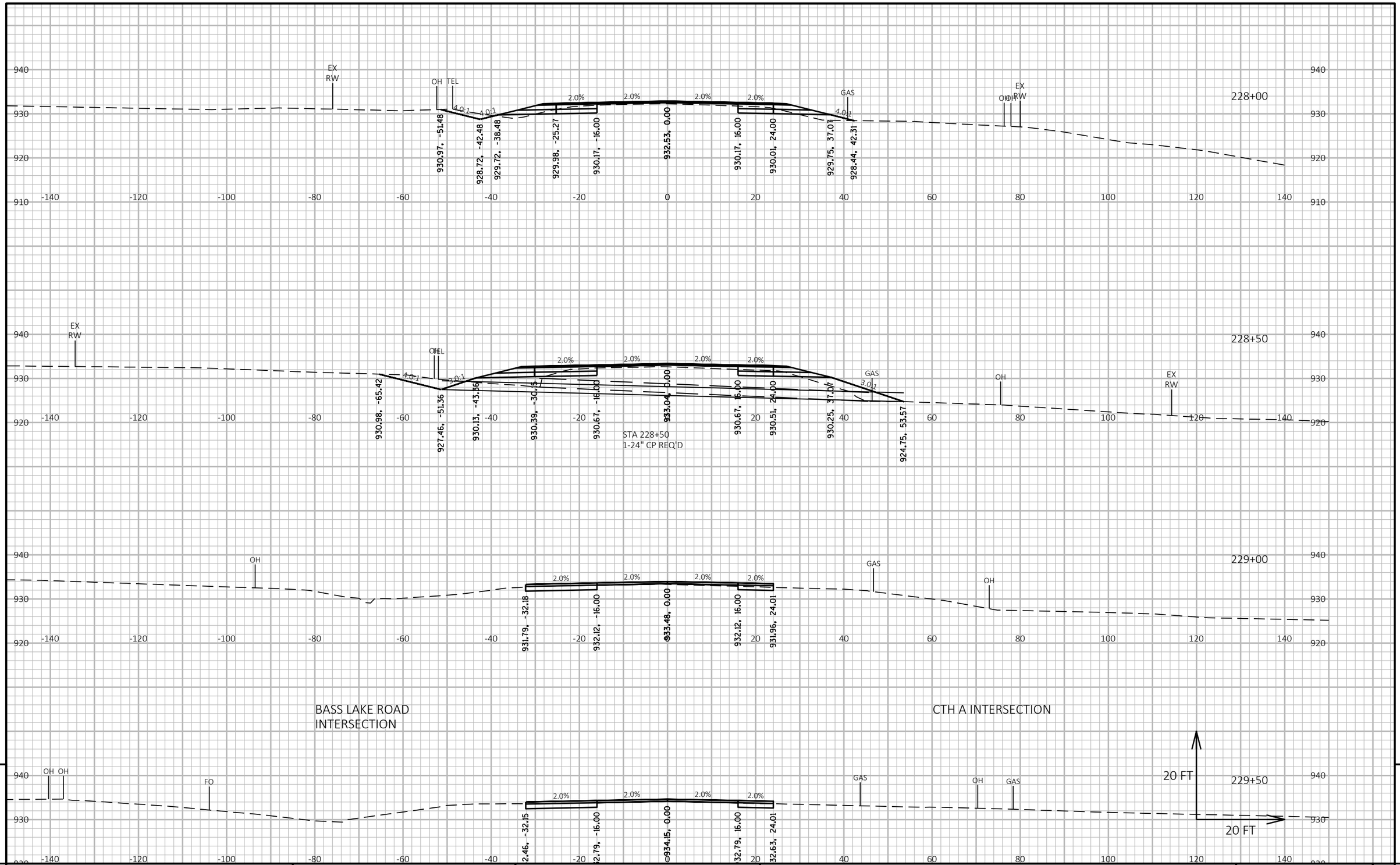
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(36)

PLOT DATE : 9/7/2018 9:16 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

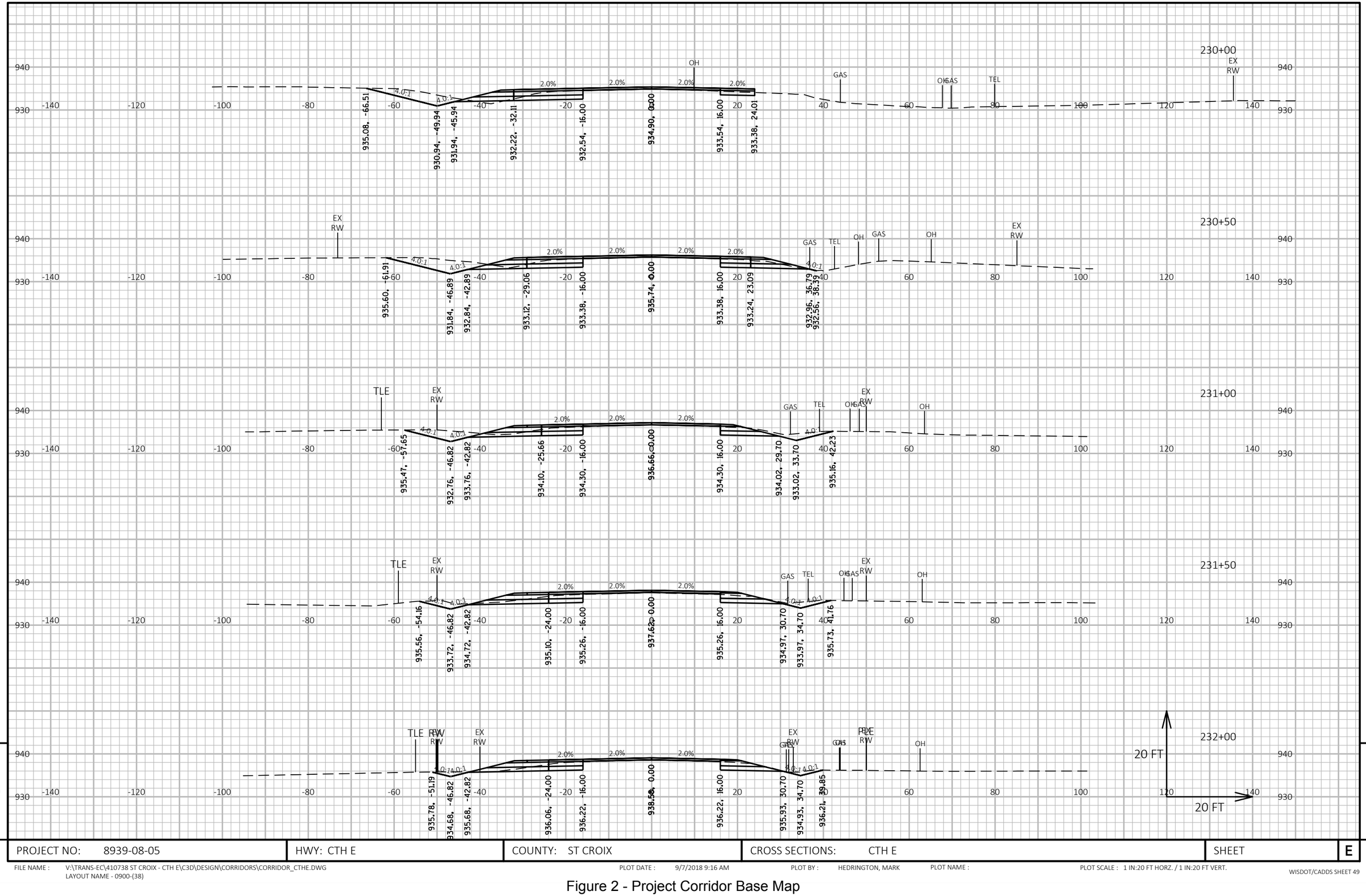
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(37)
PLOT DATE : 9/7/2018 9:16 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



9

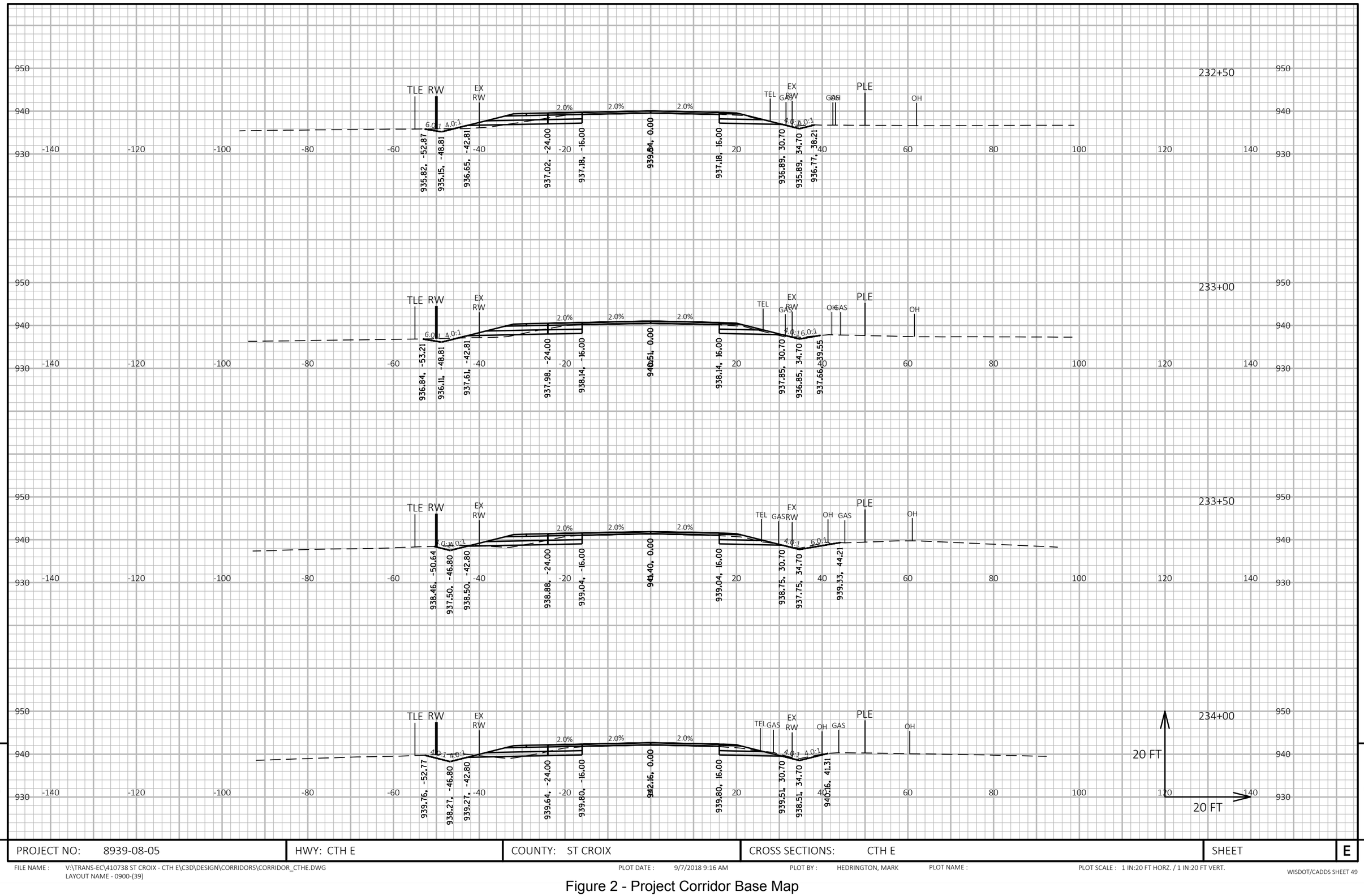
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(38)

PLOT DATE : 9/7/2018 9:16 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

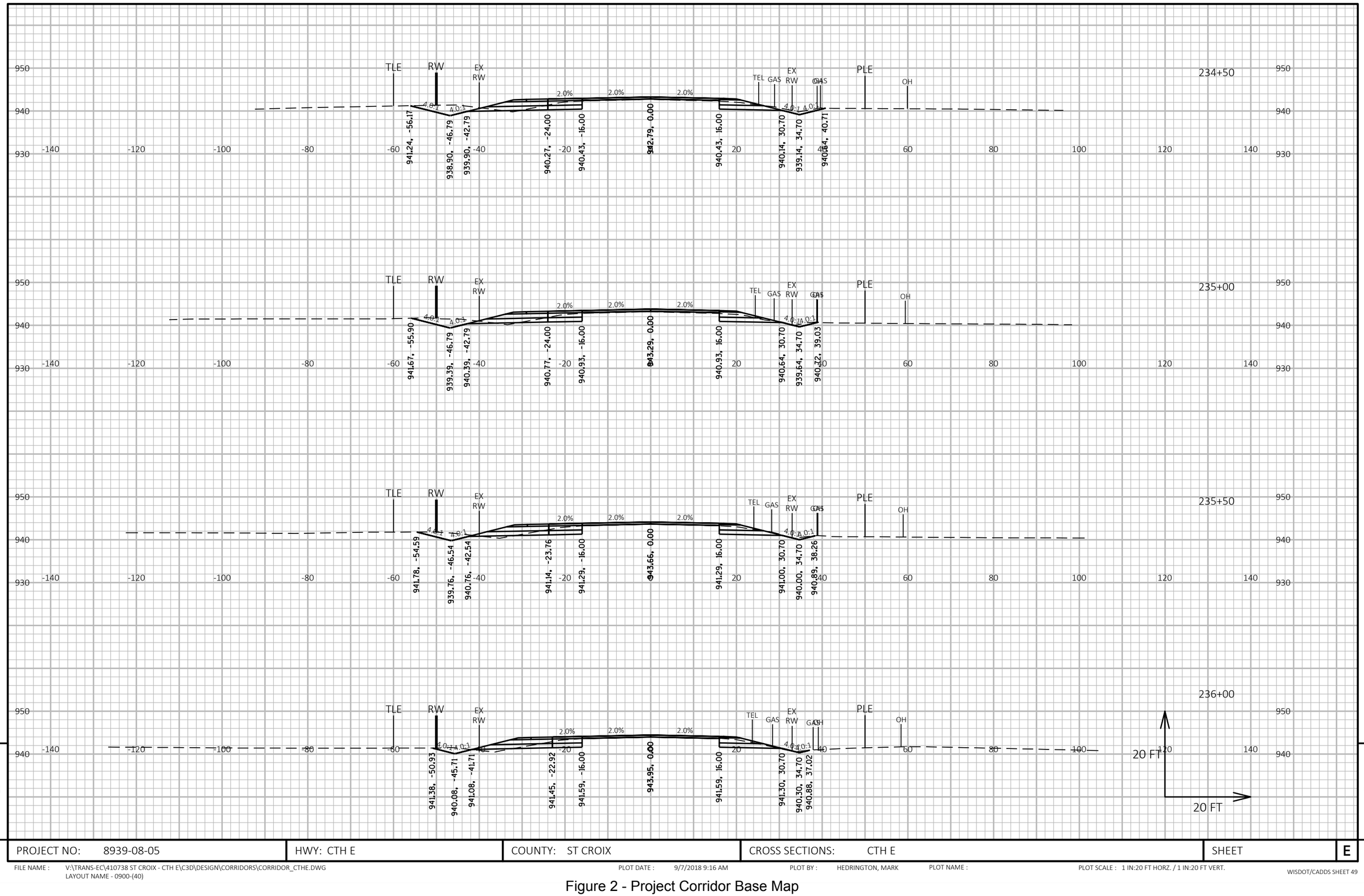
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(39)
PLOT DATE : 9/7/2018 9:16 AM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

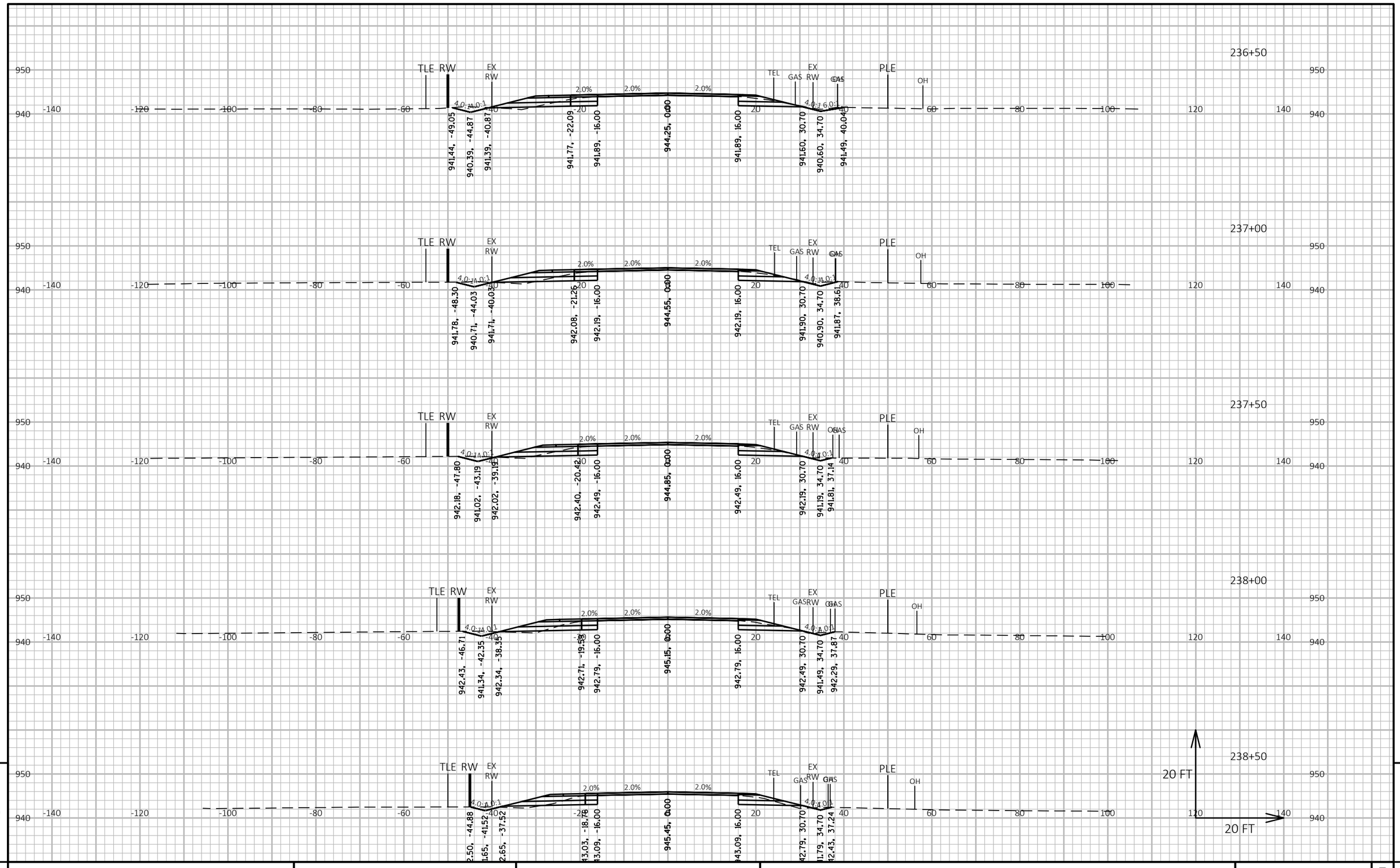
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(40)
PLOT DATE : 9/7/2018 9:16 AM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



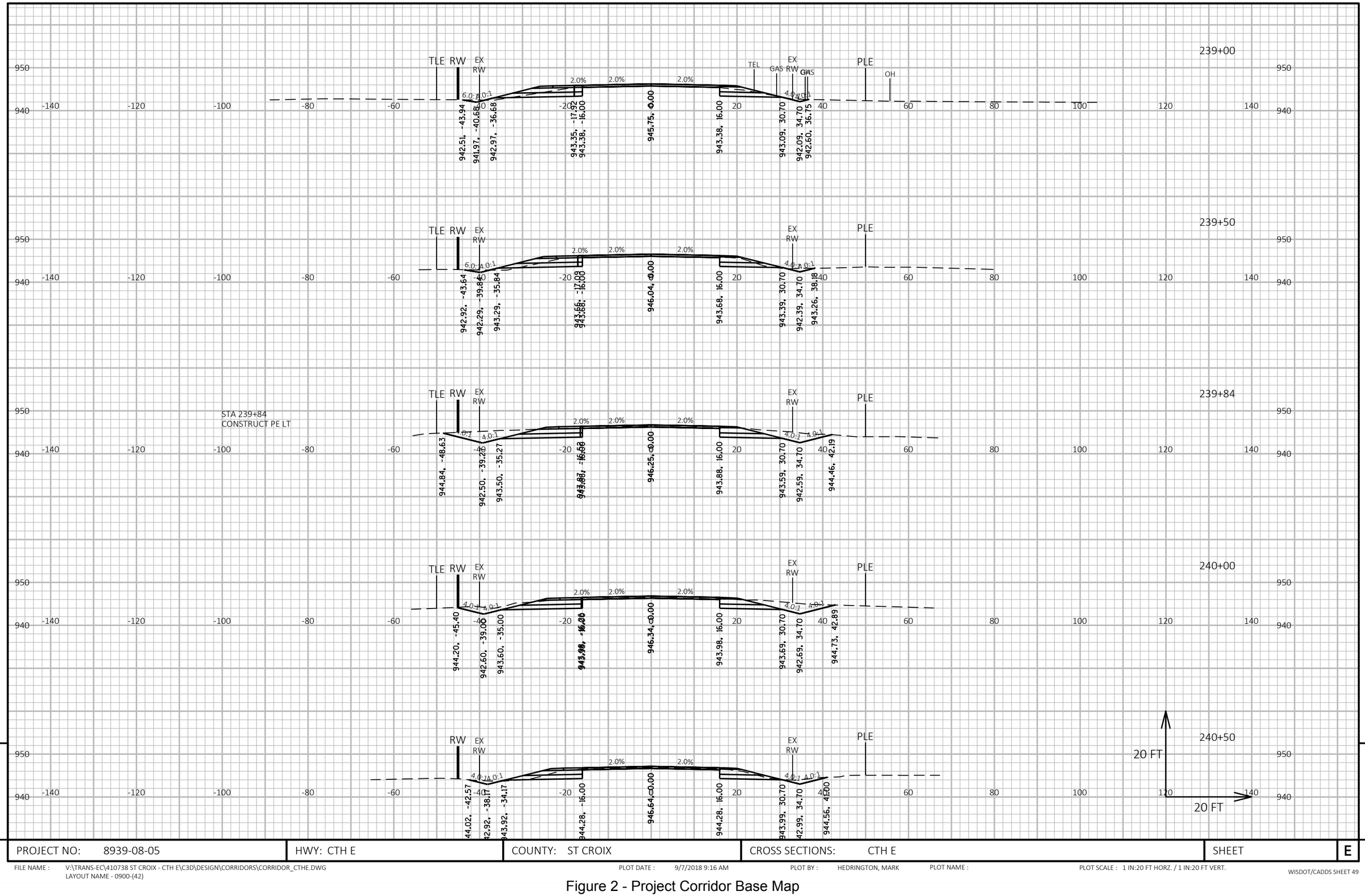
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(41)

PLOT DATE : 9/7/2018 9:16 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

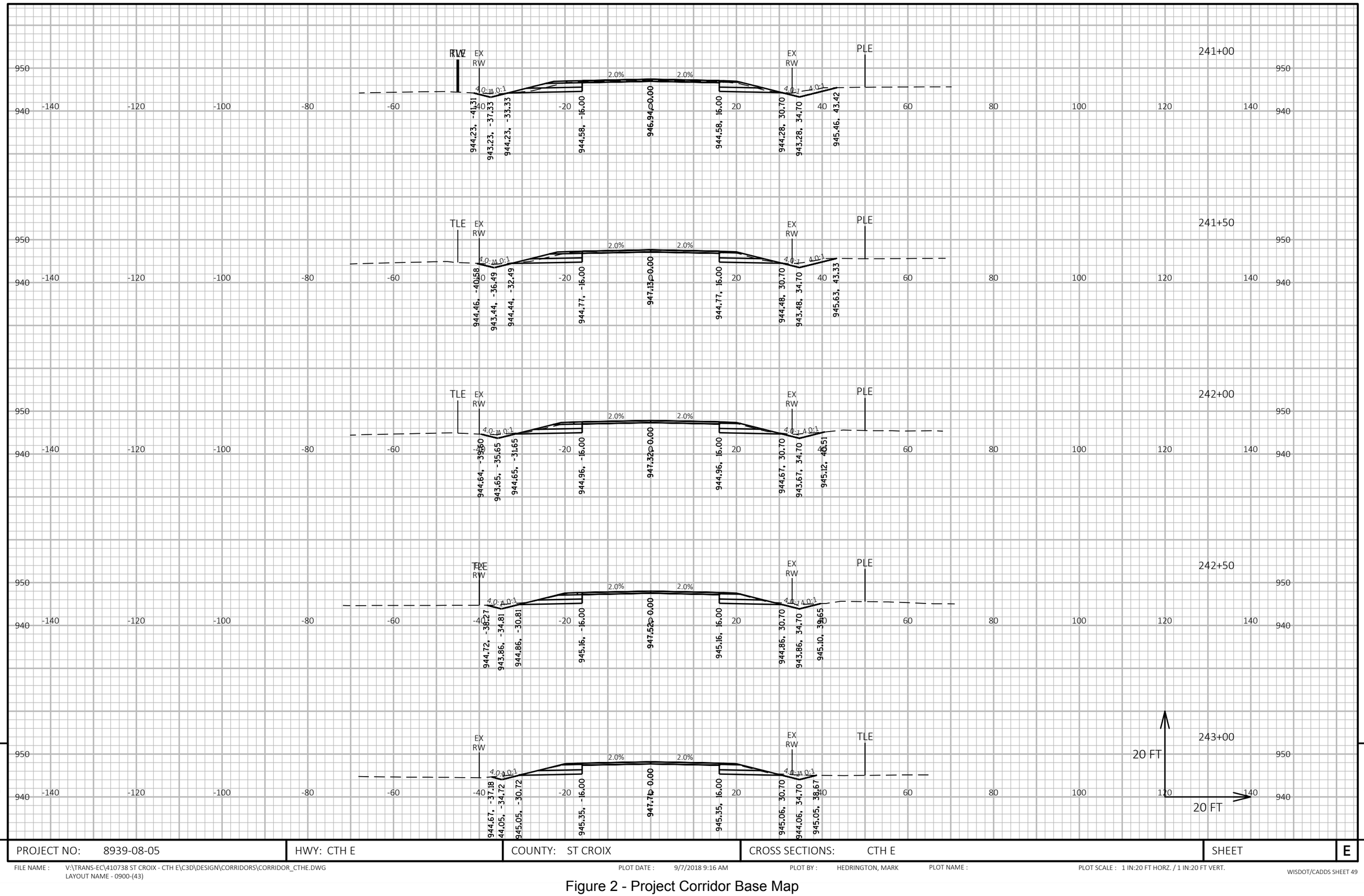
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(42)
PLOT DATE : 9/7/2018 9:16 AM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



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PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH E	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0900-(43)

PLOT DATE : 9/7/2018 9:16 AM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map

68+00

2.0% 2.0% 6.0:1 6.0:1 2.5:1

894.01, -36.01
893.67, -33.97
894.67, -29.97
895.03, -12.00
895.27, 0.00
895.03, 12.00
894.67, 29.97
894.17, 31.97
903.89, 56.25

68+25

STA 68+25
CONSTRUCT PE LT

1.37% 2.0% 2.0% 4.0:1 4.0:1 2.5:1

896.93, -46.49
893.80, -33.97
894.80, -29.97
895.16, -12.00
895.40, 0.00
895.16, 12.00
894.80, 29.97
894.30, 31.97
902.59, 52.70

68+50

2.0% 2.0% 15.0:1 4.0:1 2.5:1

893.05, -50.29
892.37, -40.11
894.92, -29.97
895.28, -12.00
895.52, 0.00
895.28, 12.00
894.92, 29.97
894.42, 31.97
898.04, 41.02

20 FT
20 FT

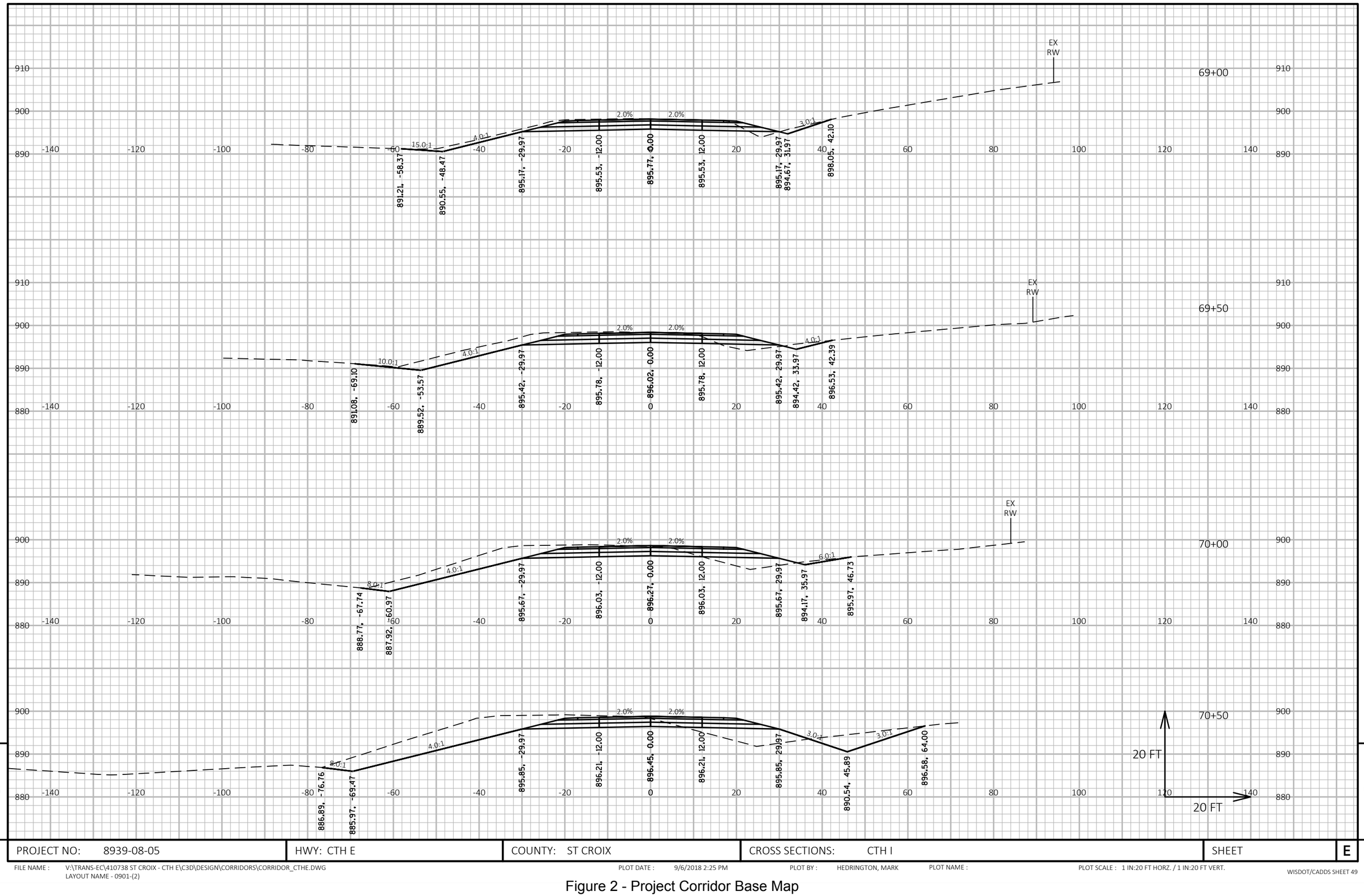
9 9

PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH I	SHEET E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0901-(1)
PLOT DATE : 9/6/2018 2:25 PM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

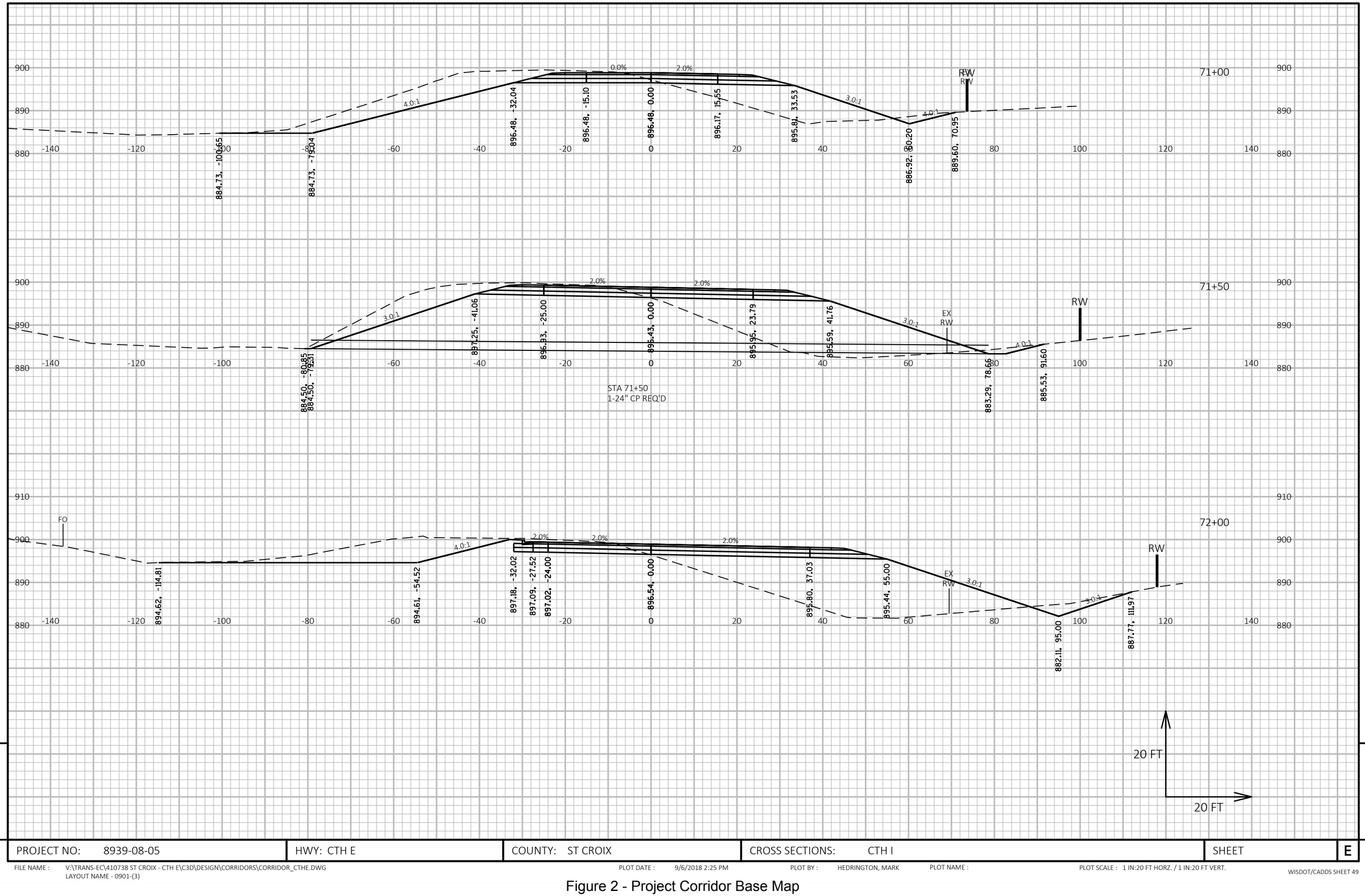
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH I	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0901-(2)
PLOT DATE : 9/6/2018 2:25 PM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH I	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0901-(3)
PLOT DATE : 9/6/2018 2:25 PM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map

STA 73+03.46
CTH E INTERSECTION

72+50

73+50

74+00

74+36.60

9

9

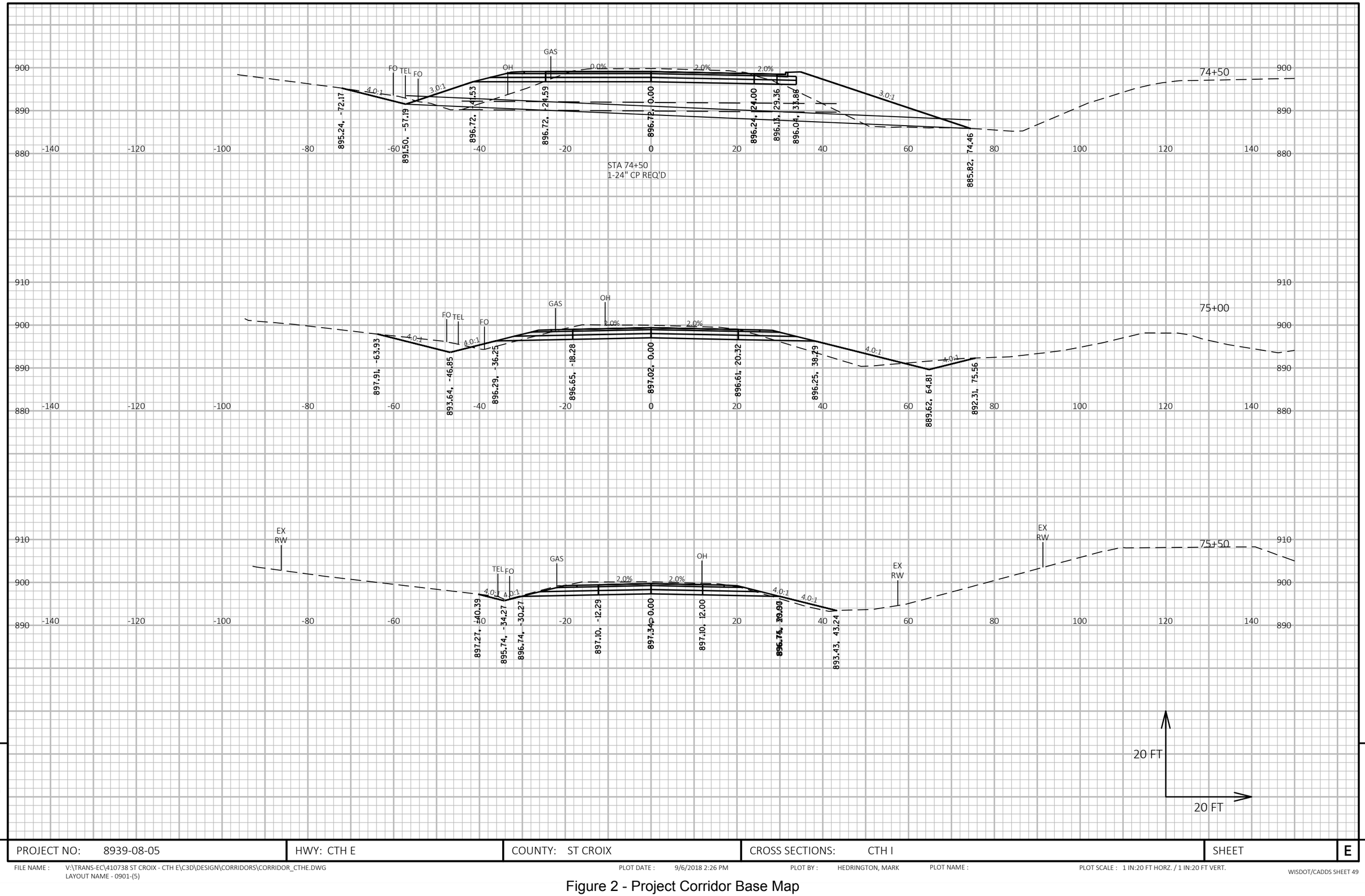
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH I	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0901-(4)

PLOT DATE : 9/6/2018 2:25 PM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



9

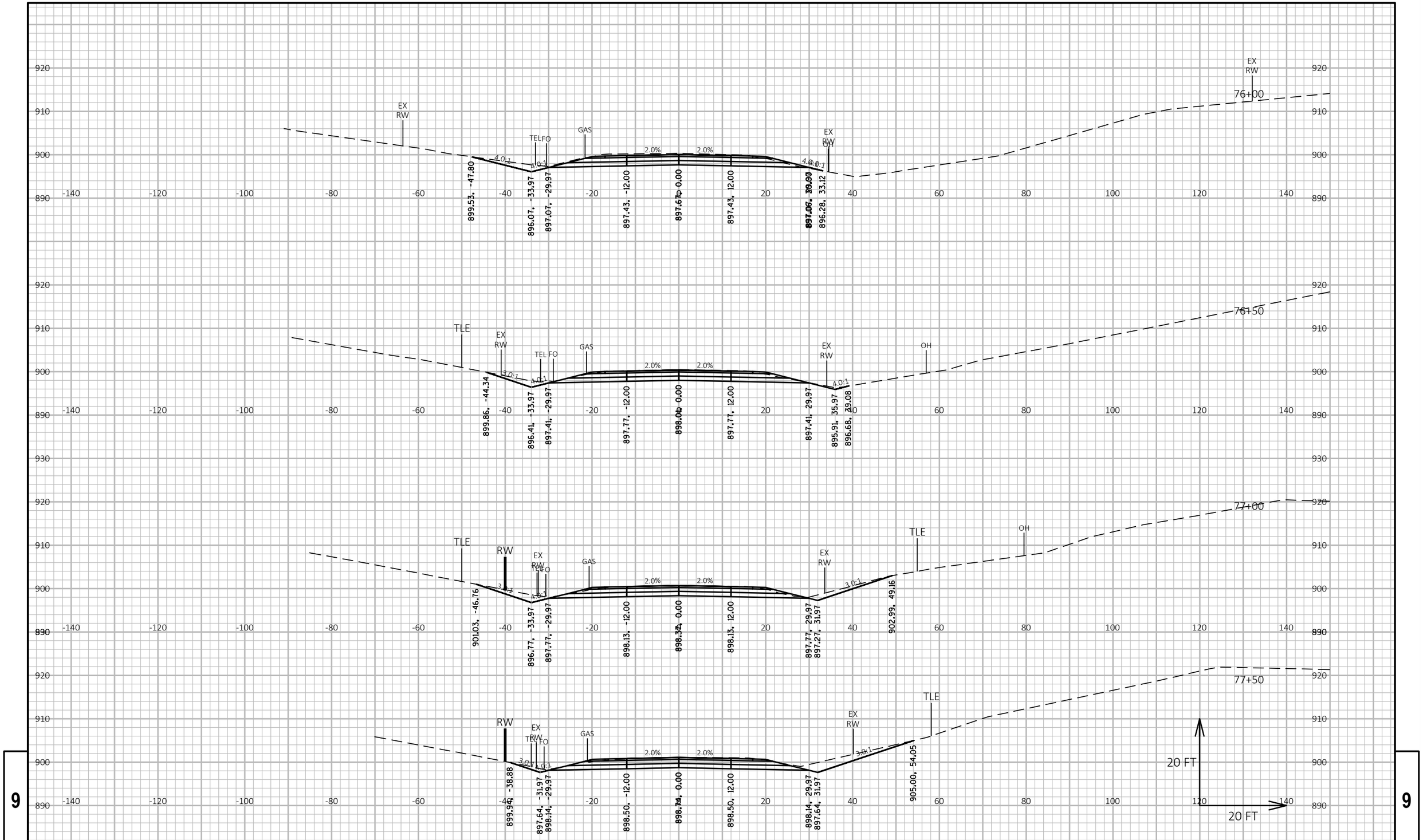
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH I	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0901-(5)

PLOT DATE : 9/6/2018 2:26 PM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map

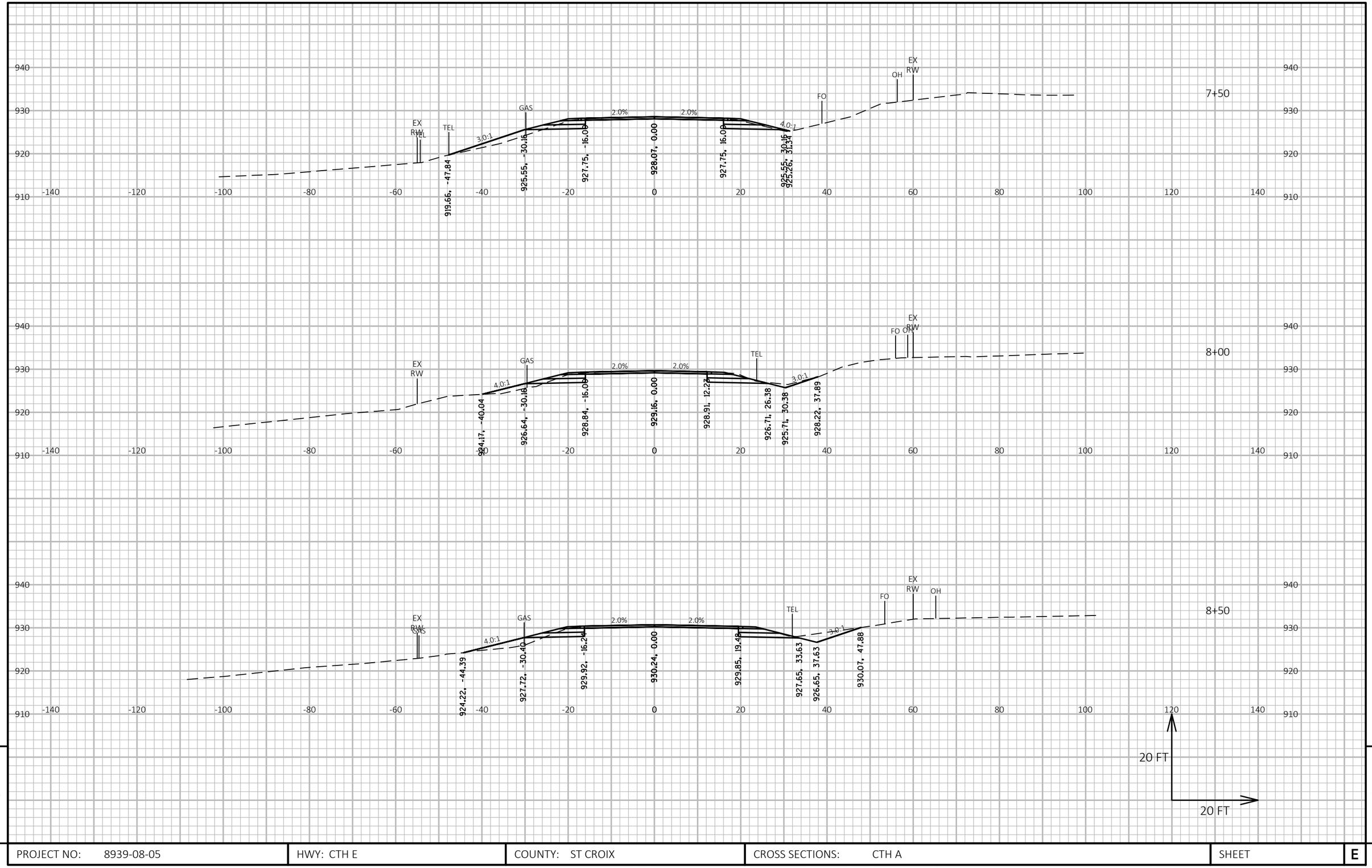


PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH I	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0901-(6)
PLOT DATE : 9/6/2018 2:26 PM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



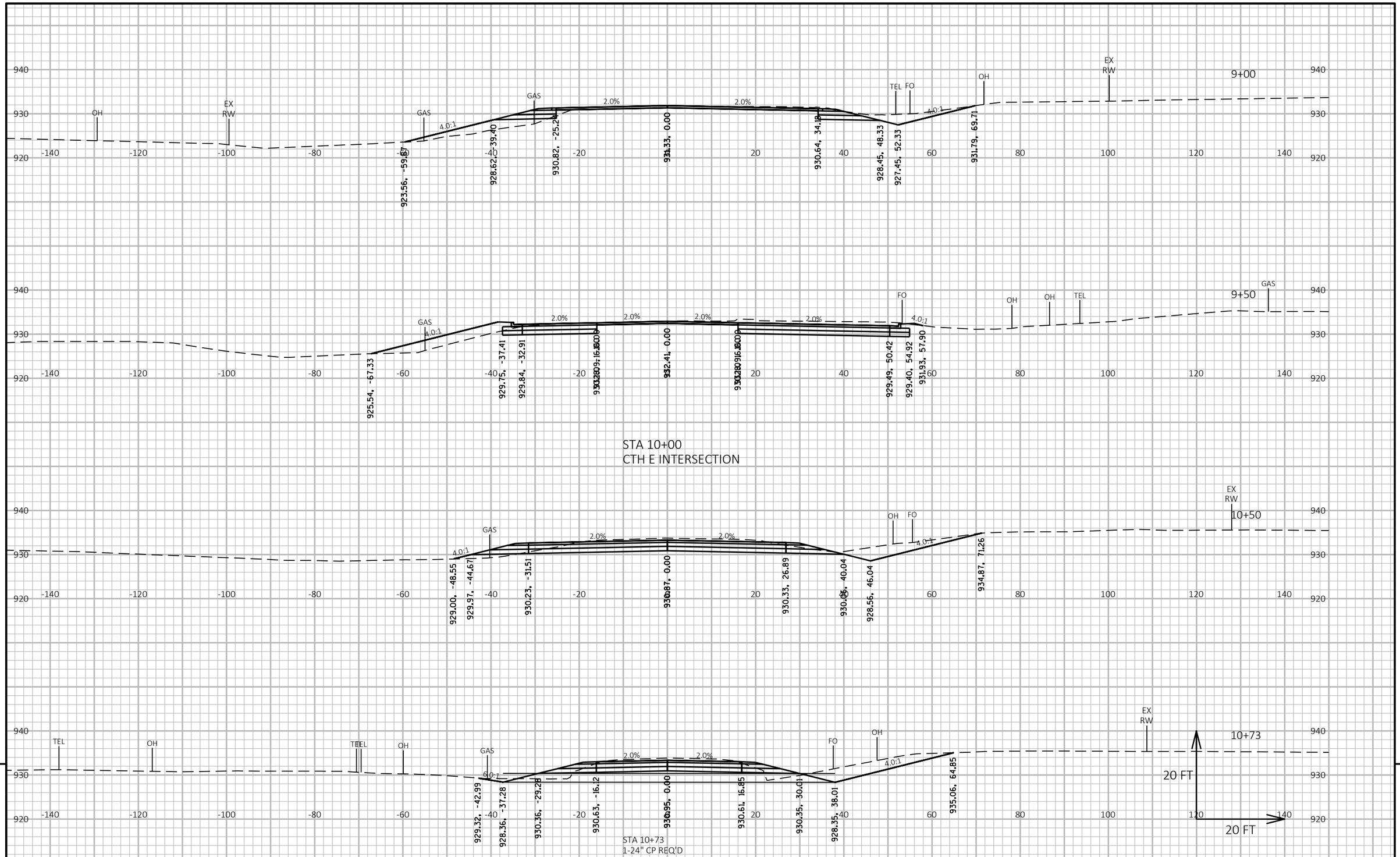
PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH A	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0902-(1)

PLOT DATE : 9/6/2018 2:26 PM PLOT BY : HEDRINGTON, MARK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

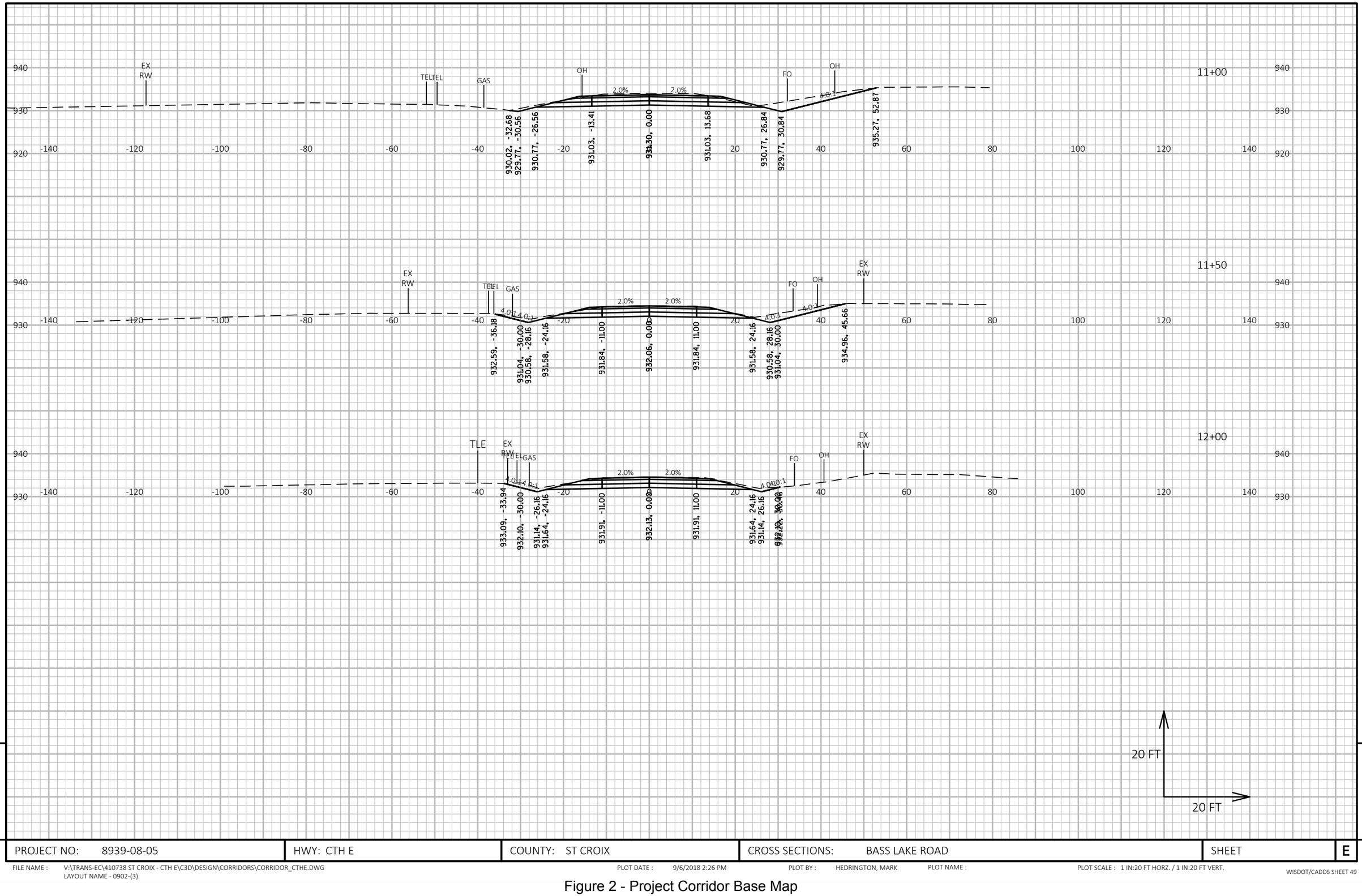
Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: CTH A - BASS LAKE ROAD	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0902-(2)
PLOT DATE : 9/6/2018 2:26 PM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map



PROJECT NO: 8939-08-05	HWY: CTH E	COUNTY: ST CROIX	CROSS SECTIONS: BASS LAKE ROAD	SHEET	E

FILE NAME : V:\TRANS-EC\410738 ST CROIX - CTH E\C3D\DESIGN\CORRIDORS\CORRIDOR_CTHE.DWG
LAYOUT NAME - 0902-(3)
PLOT DATE : 9/6/2018 2:26 PM
PLOT BY : HEDRINGTON, MARK
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

Figure 2 - Project Corridor Base Map

Appendix B
Historical Information

ENVIRONMENTAL RISK INFORMATION SERVICES

HISTORICAL AERIAL REPORT

for the site:

St. Croix CTH E
Cth E (Between Instersections With Cth I And Cth A)
St. Croix County, WI
PO #:

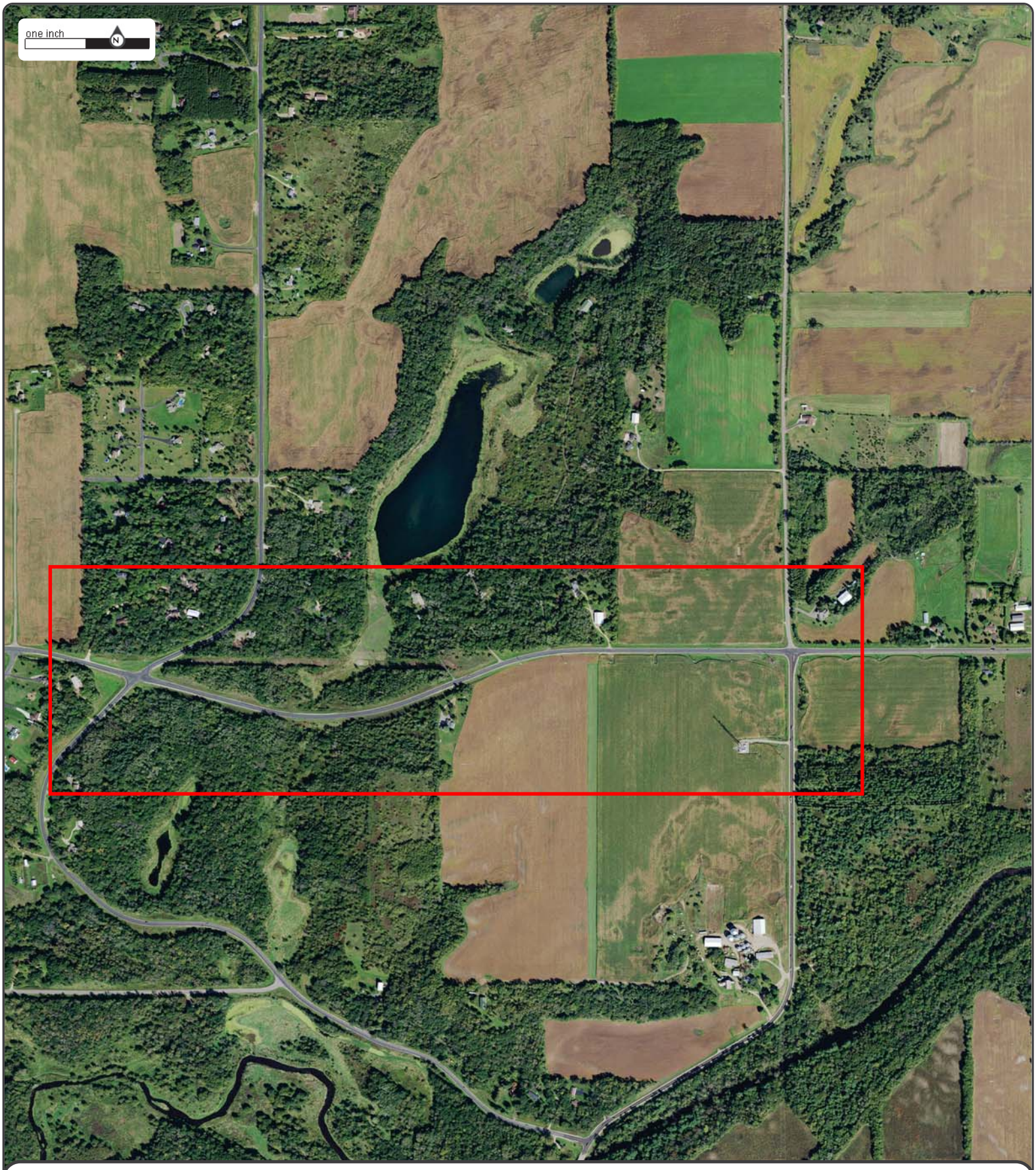
Report ID: 20170407067
Completed: 4/7/2017

ERIS Information Inc.
Environmental Risk Information Services (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

Search Results Summary

Date	Source	Scale	Comment
2015	**NAIP** - National Agriculture Information Program	1"=900'	
2013	**NAIP** - National Agriculture Information Program	1"=900'	
2010	**NAIP** - National Agriculture Information Program	1"=900'	
2008	**NAIP** - National Agriculture Information Program	1"=900'	
2006	**NAIP** - National Agriculture Information Program	1"=900'	
2005	**NAIP** - National Agriculture Information Program	1"=900'	
2004	**NAIP** - National Agriculture Information Program	1"=900'	
1992	**USGS** - US Geological Survey	1"=900'	
1988	**NHAP** - National High Altitude Photography	1"=900'	*BEST COPY AVAILABLE*
1980	**NHAP** - National High Altitude Photography	1"=900'	
1974	**USGS** - US Geological Survey	1"=900'	
1966	**USGS** - US Geological Survey	1"=900'	
1953	**AMS** - Army Mapping Service	1"=900'	
1946	**ASCS** - Agriculture and Soil Conservation Service	1"=900'	*BEST COPY AVAILABLE*
1939	**ASCS** - Agriculture and Soil Conservation Service	1"=900'	



Date: **2015**
Source: **NAIP**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **2013**
Source: **NAIP**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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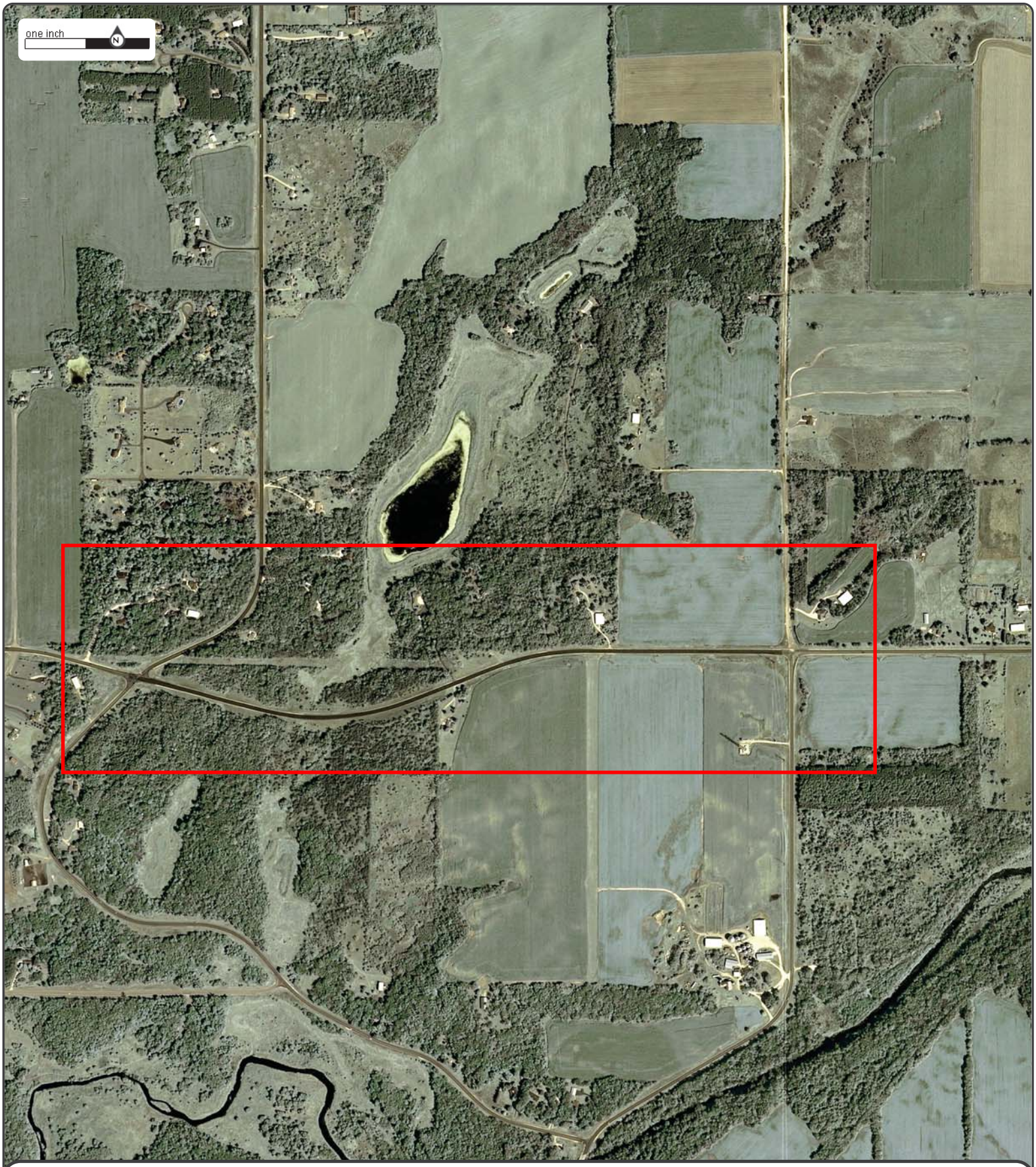


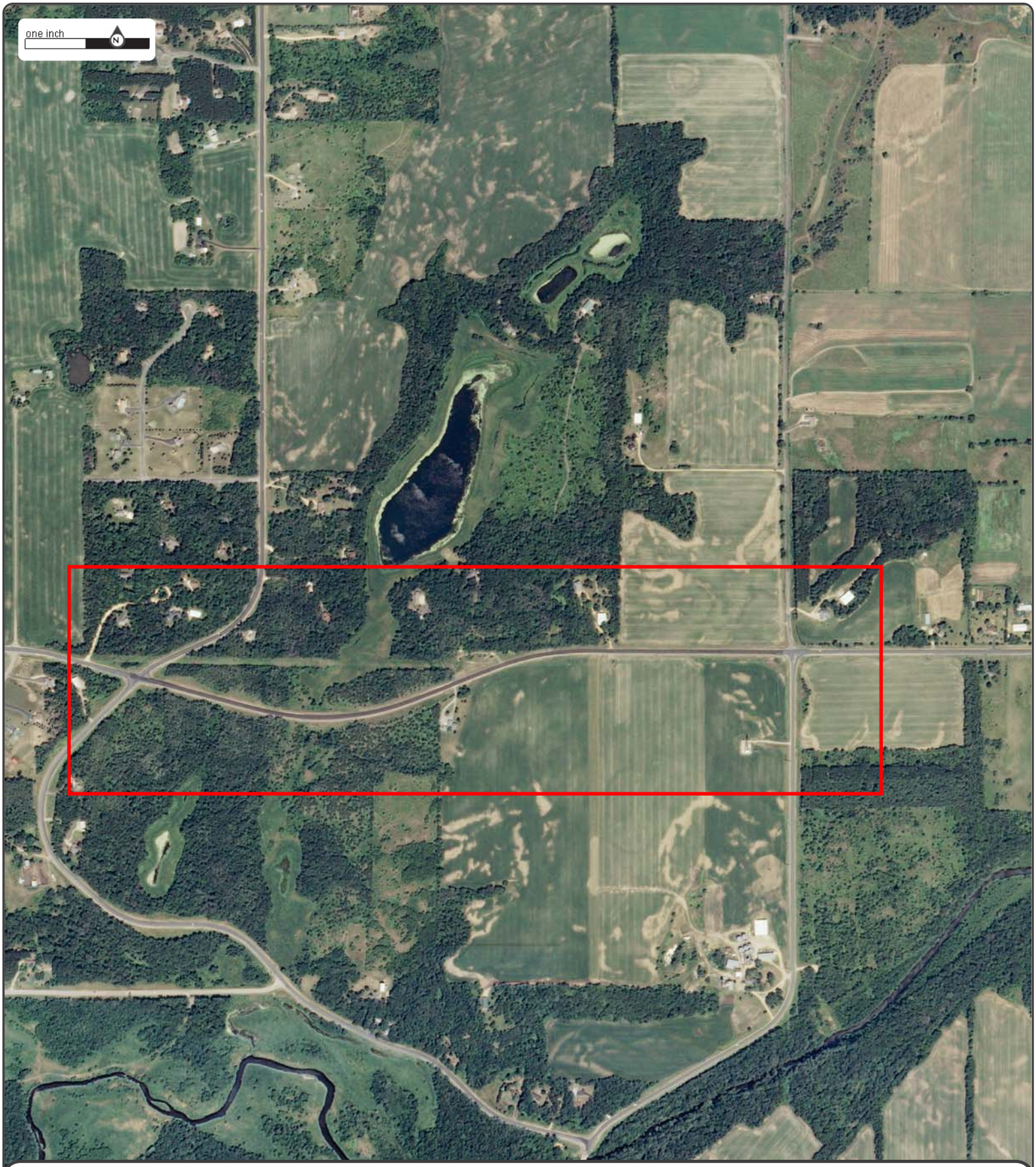
Date: **2010**
Source: **NAIP**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204



Date: **2008**
Source: **NAIP**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **2006**
Source: **NAIP**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **2005**
Source: **NAIP**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

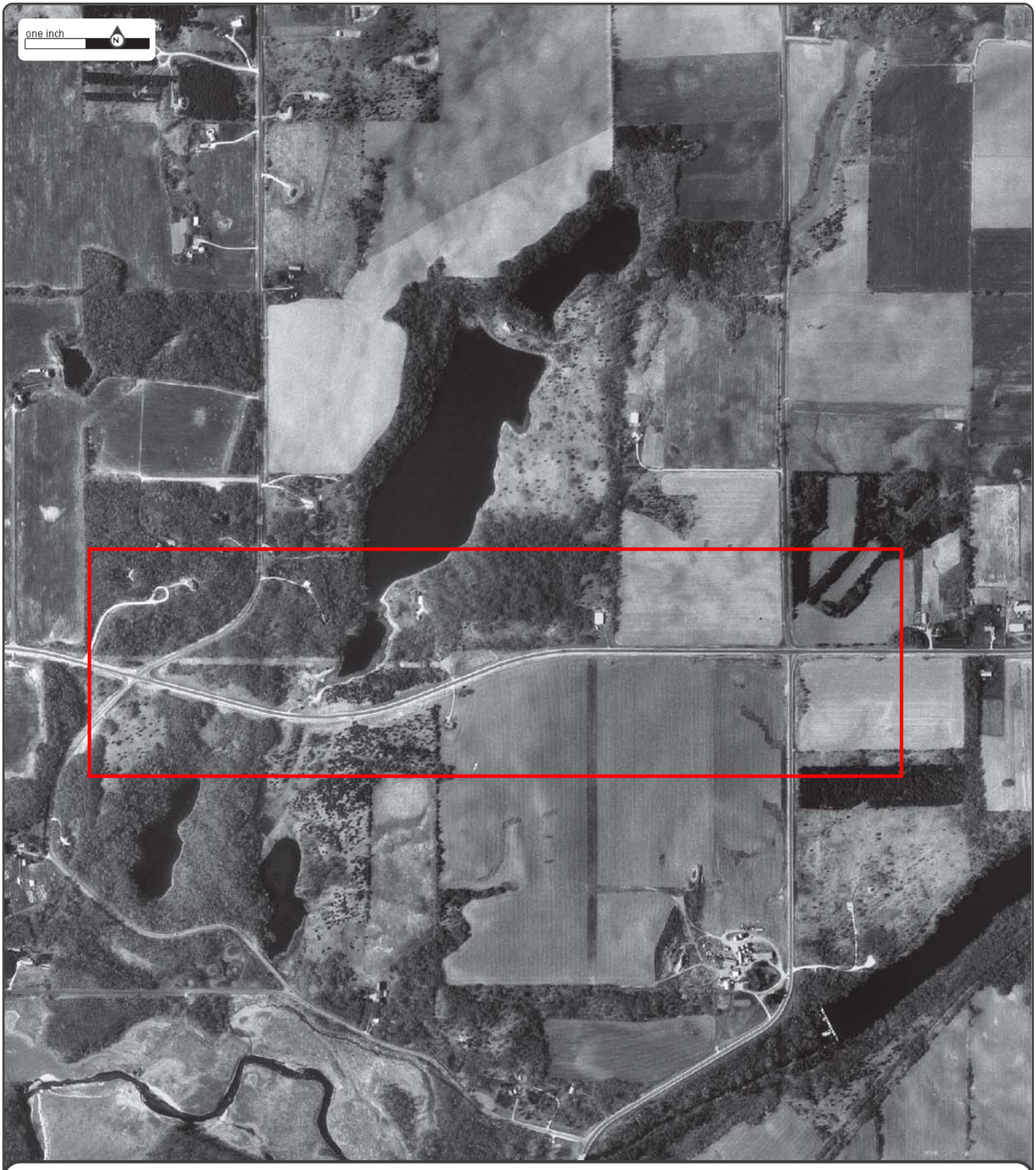
Date: **2004**
Source: **NAIP**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204



Date: **1992**
Source: **USGS**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **1988**
Source: **NHAP**
Scale: **1" to 900'**
Comments: *BEST COPY AVAILABLE*

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **1980**
Source: **NHAP**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **1974**
Source: **USGS**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **1966**
Source: **USGS**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **1953**
Source: **AMS**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **1946**
Source: **ASCS**
Scale: **1" to 900'**
Comments: *BEST COPY AVAILABLE*

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

Date: **1939**
Source: **ASCS**
Scale: **1" to 900'**
Comments:

N

Subject: Cth E (Between Instersections With Cth I And Cth A) St. Croix County
Approx Center: 45.03509 / -92.65778

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204

TOPOGRAPHIC MAP RESEARCH RESULTS

Date: 2017-04-10

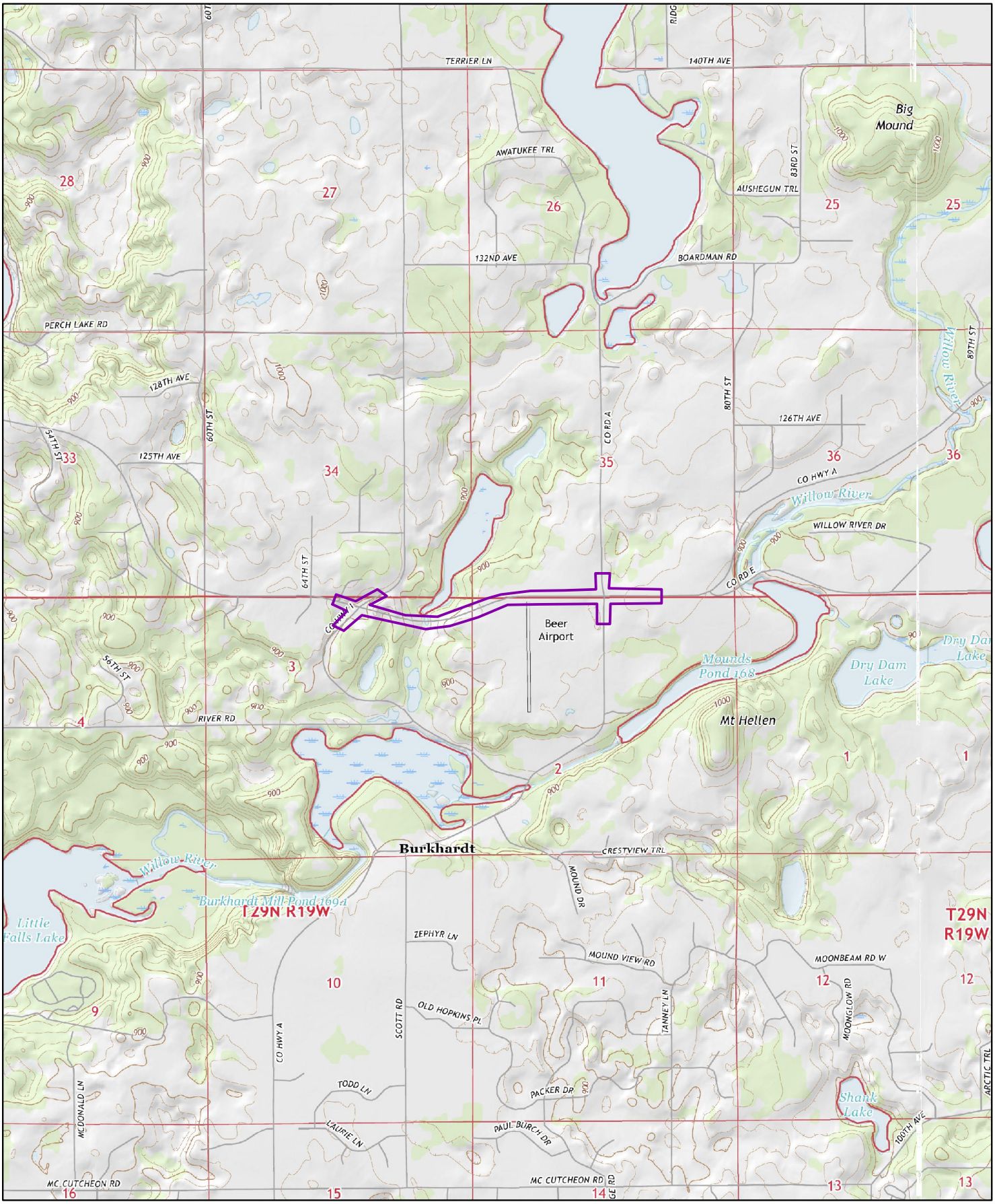
Project Property: Cth E (Between Instersections With Cth I And Cth A), St. Croix County, WI

ERIS Order Number: 20170407067

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2015	7.5
1974	7.5
1949	15
1948	15

Address: 38 Lesmill Road Unit 2, Toronto, ON M3B 2T5
Phone: 1-866-517-5204 Fax: 416-510-5133
info@erisinfo.com www.erisinfo.com



2015

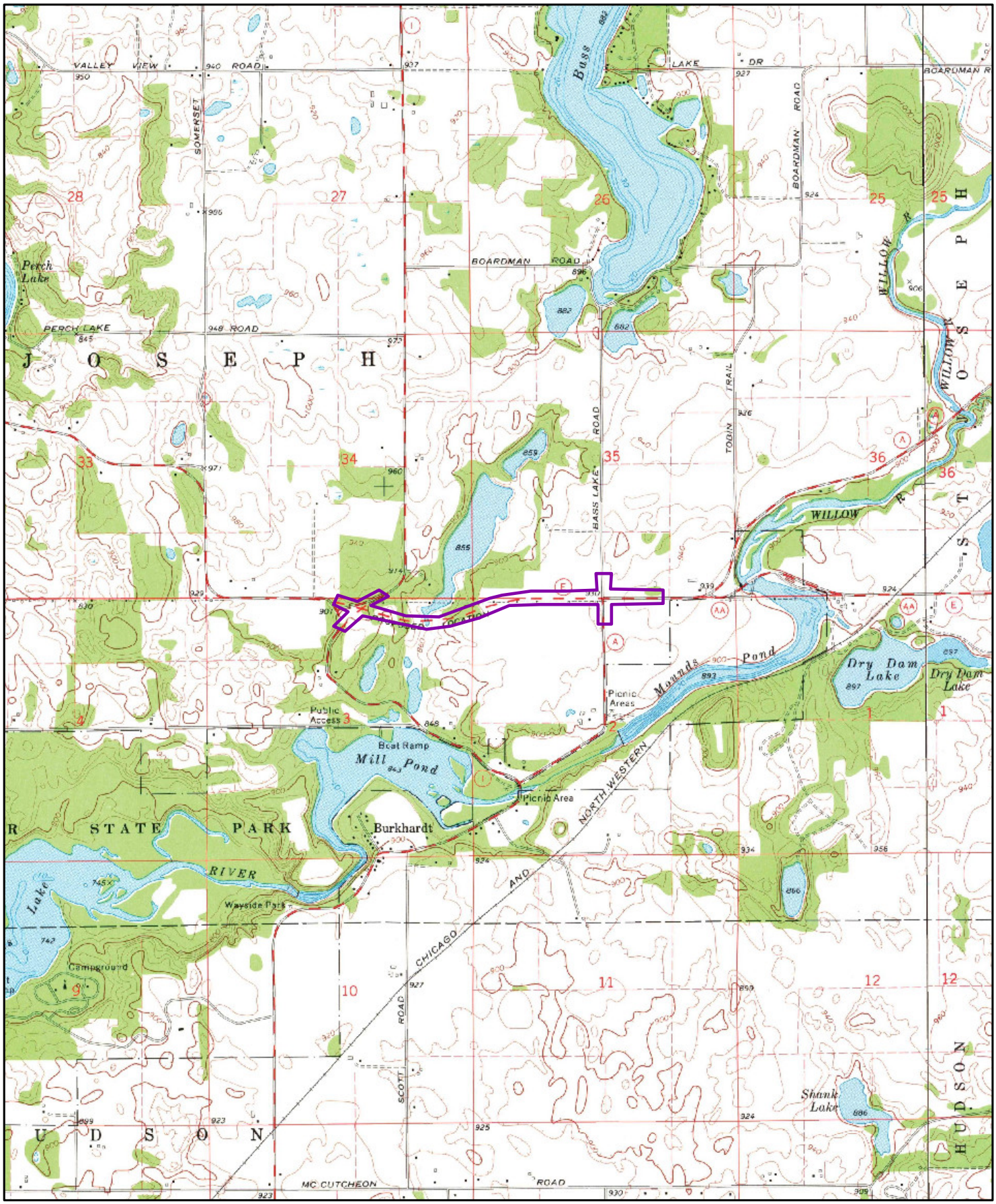
0 0.2 0.4 0.8 1.2 Miles

Order No. 20170407067

Quadrangle(s): Somerset South,WI

Source: USGS 7.5 Minute Topographic Map

ERIS ENVIRONMENTAL RISK INFORMATION SERVICE



1974

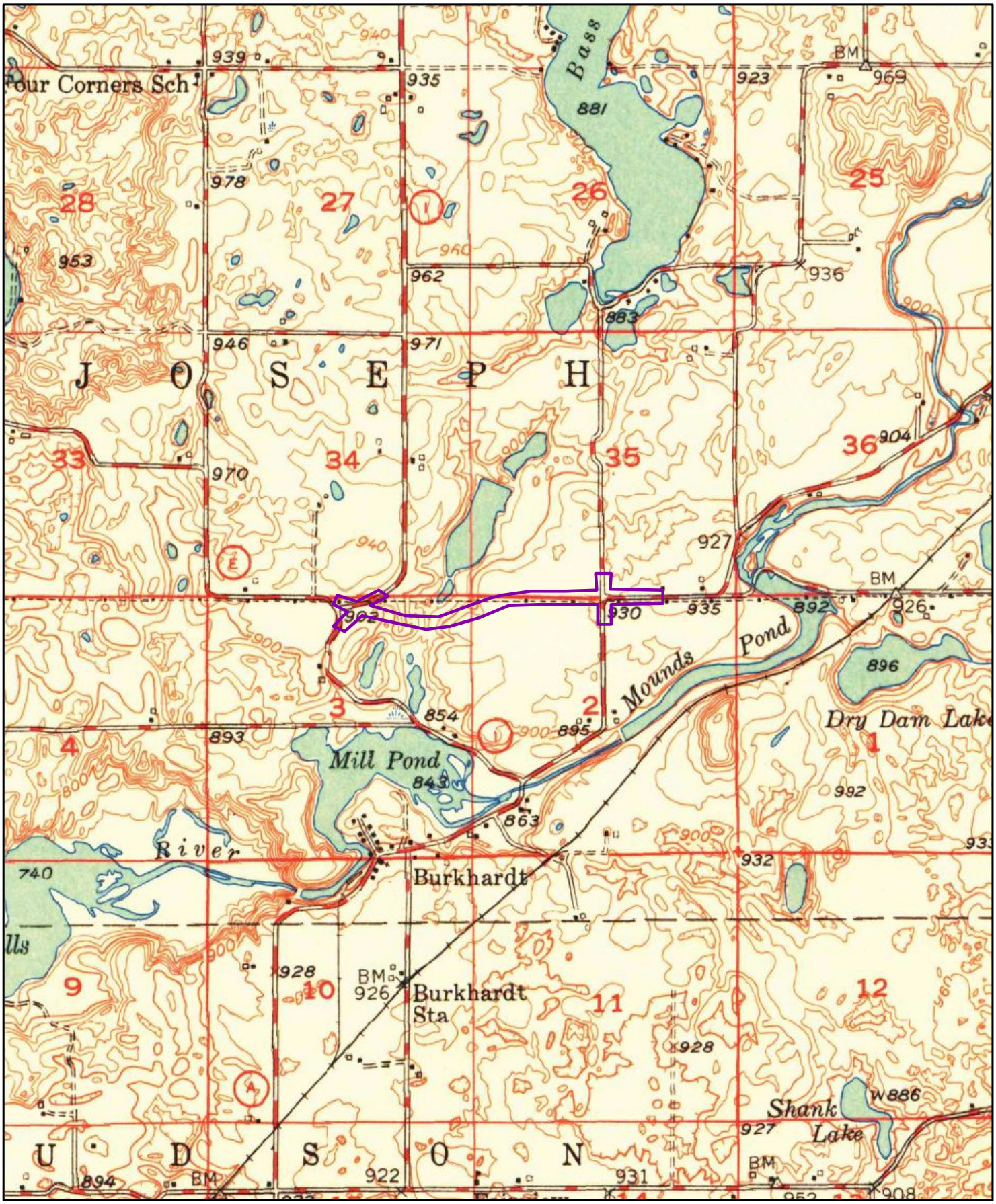
0 0.2 0.4 0.8 1.2 Miles

Order No. 20170407067

Quadrangle(s): Somerset South,WI

Source: USGS 7.5 Minute Topographic Map

ERIS ENVIRONMENTAL RISK INFORMATION SERVICE



1949

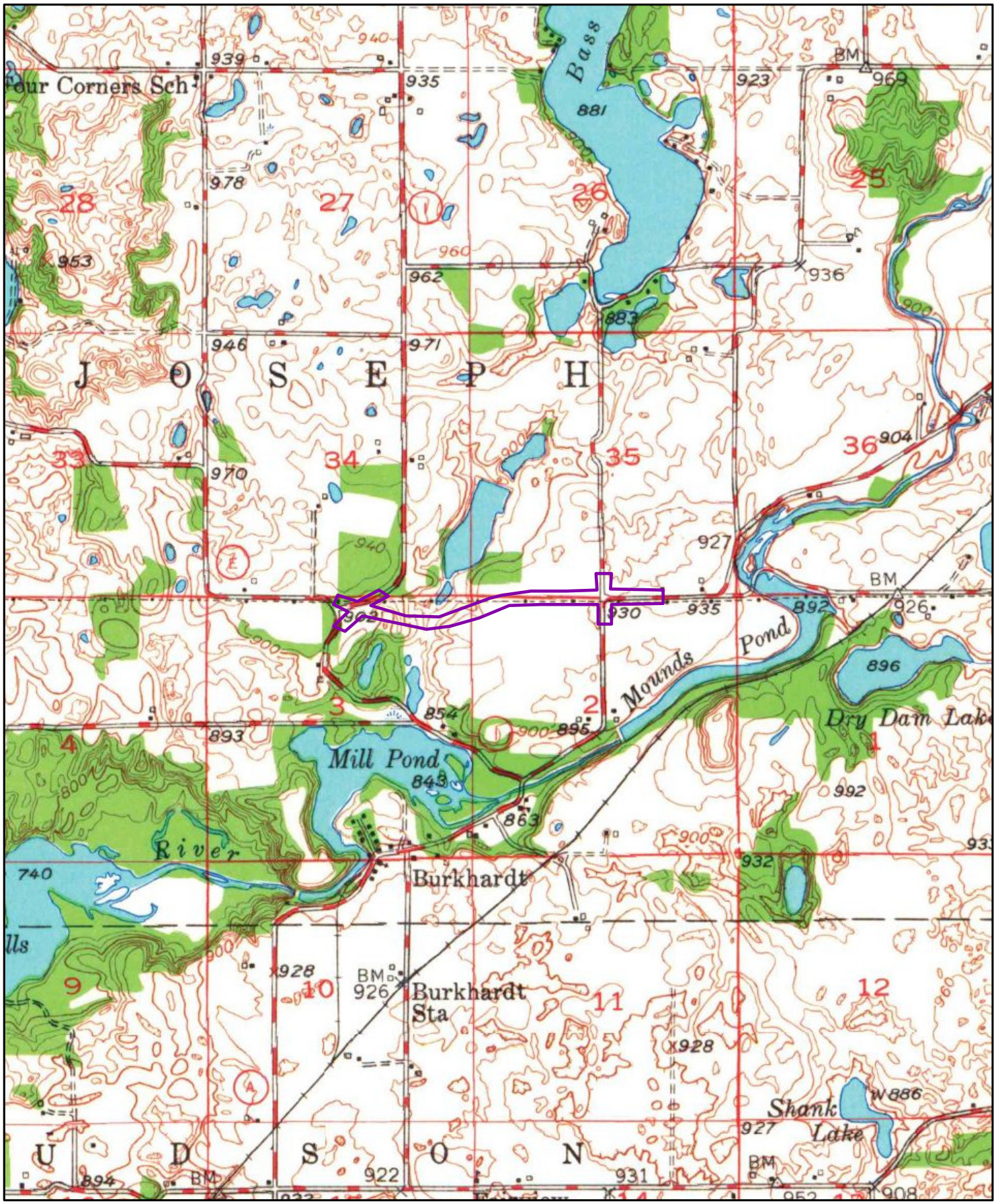
0 0.2 0.4 0.8 1.2 Miles

Order No. 20170407067

Quadrangle(s): New Richmond,WI

Source: USGS 15 Minute Topographic Map

ERIS ENVIRONMENTAL RISK INFORMATION SERVICE



1948

0 0.2 0.4 0.8 1.2 Miles

Order No. 20170407067

Quadrangle(s): New Richmond,WI

Source: USGS 15 Minute Topographic Map

ERIS ENVIRONMENTAL RISK INFORMATION SERVICE

INDEX OF SHEETS

TOTAL SHEETS = 47

DESIGN DESIGNATION

ADT (1973)	500
ADT (1993)	750
DHV	110
D	50%
T	8.7%
V	50 M.P.H.

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED

HOULTON - C.T.H. "A" ROAD
C.T.H. "E"
ST. CROIX COUNTY

STATE PROJECT NUMBER
8939-9-71

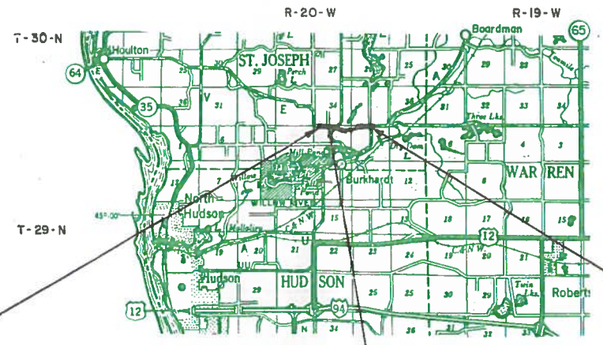
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8939-9-71	RS 0556(9)	1

SCALES { PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS SECTIONS HOR. 1 IN. = 10 FT. VERT. 1 IN. = 10 FT.

28" Alum. TP
34" TP existing

AS BUILT

N



BEGIN PROJECT 8939-9-71
STA. 156+00
= STA. 36+65, PROJ. S0556(5)
N = 440,740 (±200')
E = 1,307,860 (±200')
APPROX. 720 FT. EAST AND 20 FT. NORTH OF THE S.W. COR. OF SEC. 34, T-30-N, R-19-W.

STA. 170+35, (10' RT.) =
STA. 51+00 END PROJ. S0556(5)

END PROJECT 8939-9-71
STA. 232+00
N = 440,430 (±200')
E = 1,315,370 (±200')
APPROX. 280 FT. EAST OF THE NORTH ¼ COR OF SEC. 2, T-29-N, R-19-W.

ALL CO-ORDINATES SHOWN ON THIS PLAN ARE REFERENCED TO THE WISCONSIN CO-ORDINATE SYSTEM, CENTRAL ZONE, AND ARE SCALED FROM U.S.G.S. TOPOGRAPHIC MAP, NEW RICHMOND WISCONSIN, QUADRANGLE FOR IDENTIFICATION ONLY.

CONVENTIONAL SIGNS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
NEW RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
WIRE FENCE { WOVEN, BARBED
LOT LINE
INCORPORATE OR CITY LIMITS
PROPERTY LINE P.L. + 32.6
TRAVELED WAY OR P.E.
RAILROADS
BASE OR SURVEY LINE 30

CULVERTS IN PLACE
CULVERTS REQUIRED
DROP INLET
POWER POLE
TELEPHONE OR TELEGRAPH POLE
RIGHT OF WAY MARKERS
REFERENCE STAKE FOR HUBS ONLY 851.7 25.9
MARSH
HEDGE
TREES
GROUND ELEVATION DATUM LINE 73.9
GRADE ELEVATION DATUM LINE 75.16

LAYOUT

SCALE 0 1 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 1.439 MI.

APPROVED FOR ST. CROIX COUNTY:
DATE 8/10-72 Julian C. Mann
COUNTY HIGHWAY COMMISSIONER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SURVEYOR D.L.W. DISTRICT CHECKER R.D." & J.B.S.
DESIGNER P.T.B. C.O. CHECKER I.L.J.

CORRECT:
DATE 12/3/73 M.J. Schaeffer
DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 3/27/74 L.C. Hemmel
CHIEF OF FACILITIES DEVELOPMENT

APPROVED:
DATE 3/27/74 H.L. Fiedler
STATE HIGHWAY ENGINEER

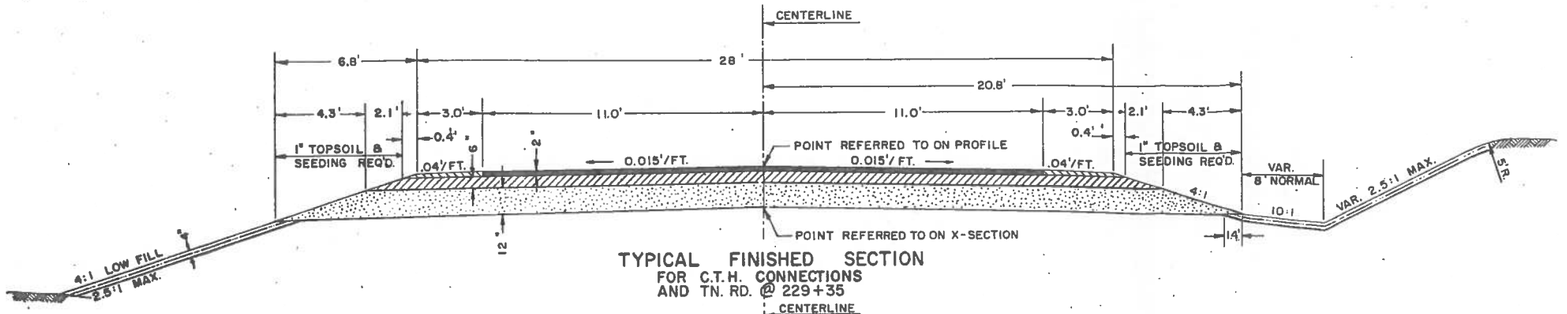
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

REGION 5 WISCONSIN DIVISION

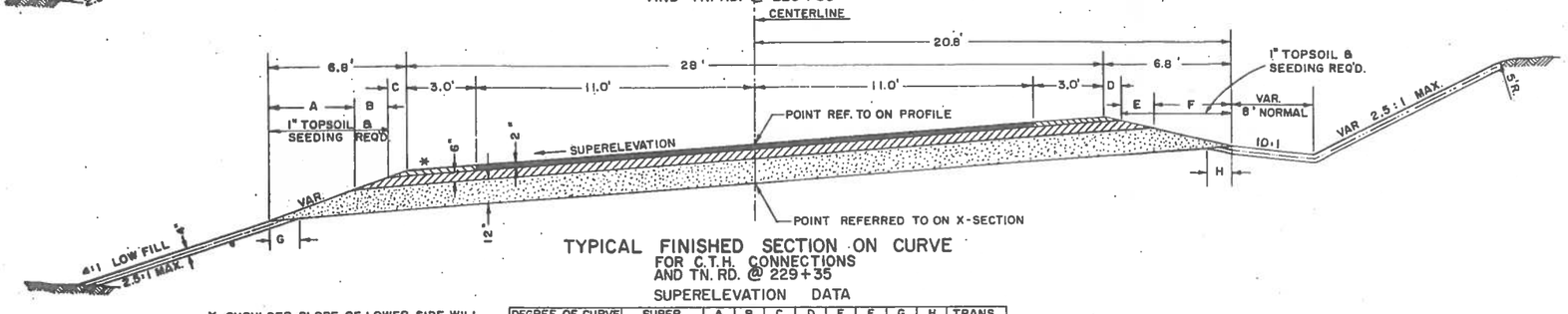
APPROVED:

PROJECT I.D. 8939-9-71	SHEET NUMBER	TOTAL SHEETS
FEDERAL PROJECT DESIGNATION	2	

ADDITIONAL TYPICAL SECTIONS & C.T.H. "A" INTERSECTION DETAIL



TYPICAL FINISHED SECTION
FOR C.T.H. CONNECTIONS
AND TN. RD. @ 229+35



TYPICAL FINISHED SECTION ON CURVE
FOR C.T.H. CONNECTIONS
AND TN. RD. @ 229+35

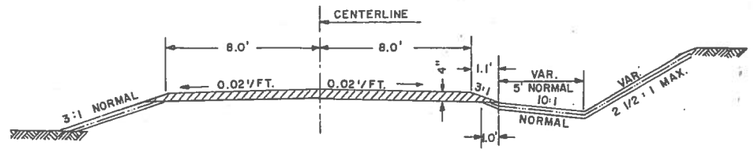
SUPERELEVATION DATA

DEGREE OF CURVE	SUPER	A	B	C	D	E	F	G	H	TRANS.
7°	.060	4.0	2.0	0.7	0.7	2.0	4.0	1.75	1.07	160'

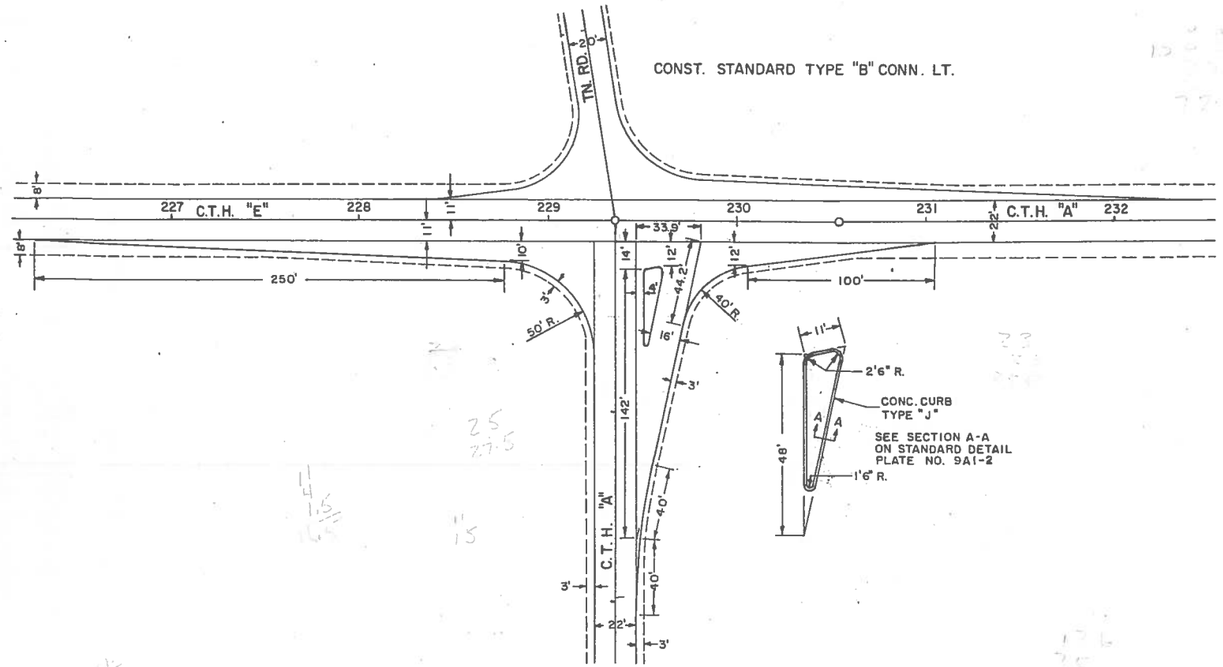
* SHOULDER SLOPE OF LOWER SIDE WILL BE 0.04'/FT. UNTIL SUPERELEVATION EXCEEDS THIS SLOPE, THEN IT WILL BE PARALLEL TO PAVEMENT SLOPE.

NOTE: BITUMINOUS SURFACING AND SHOULDER MATERIAL ARE NOT A PART OF THIS CONTRACT.

SINGLE AGGREGATE BITUMINOUS SURFACING
CRUSHED AGGREGATE BASE COURSE (SHOULDER MATERIAL)
CRUSHED AGGREGATE BASE COURSE
SELECT EMBANKMENT
4" TOPSOIL & SEEDING
ORIGINAL GROUND



TYPICAL FINISHED SECTION
FOR PRIVATE ENTRANCE



SPECIAL SIDE ROAD INTERSECTION DETAIL, STA 229+35

SCALE 1" = 40'

ESTIMATE OF QUANTITIES

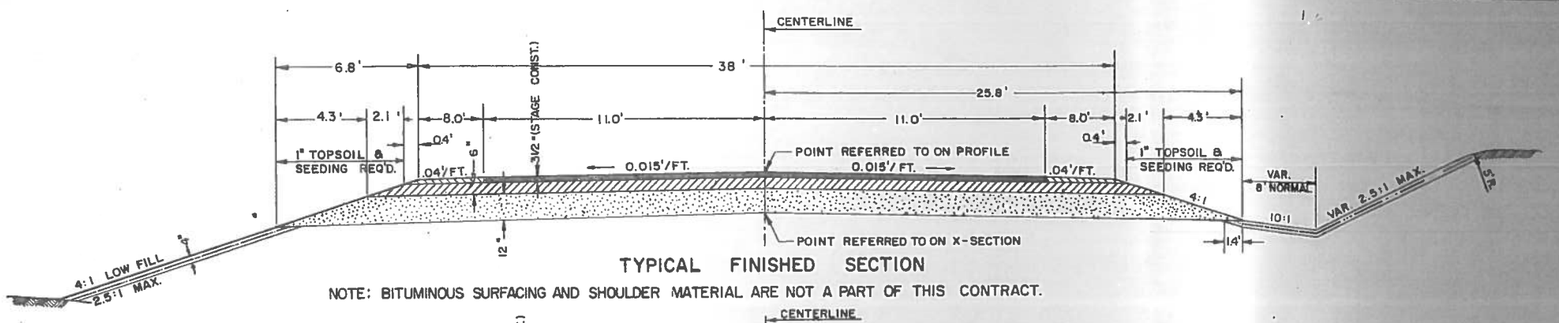
CONTRACT NO. I-(8939-9-71)
(GRADING SUBBASE & BASE)

PROJECT	SHEET NUMBER	TOT SHE
	3	

ESTIMATE OF QUANTITIE
& TYPICAL SECTIONS F
C.T.H. "E" ST CROIX CO.

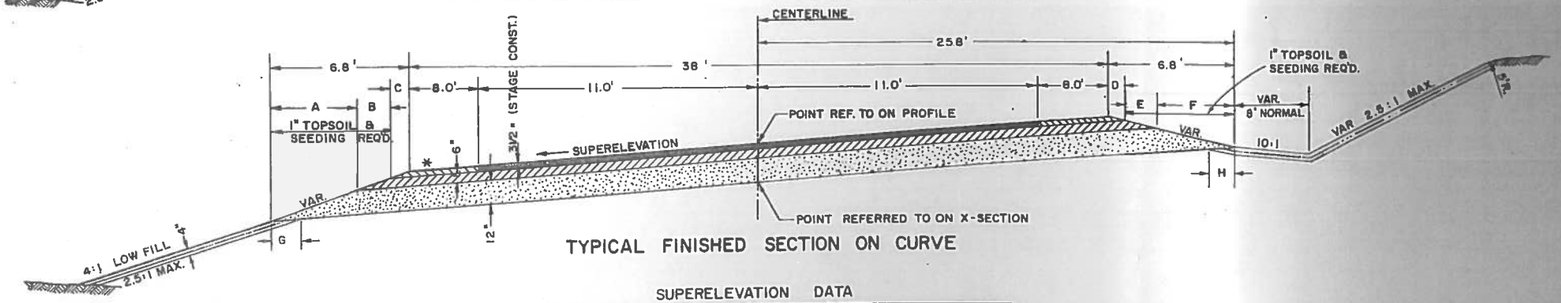
STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	REMOVING OLD	EXCAVATION UNCL.	EXCAVATION BORROW	EXCAVATION	PREP. FOUNDATION FOR BIT. PAVING	GRANULAR SUBBASE COURSE	FINISHING ROADWAY	OBLITERATING OLD ROAD	CRUSHED AGGREGATE BASE COURSE	BIT. MAT. FOR PRIME COAT	BIT. ROAD MIX. SURF.	AGG. FOR BIT. ROAD MIX SURF.	SING. AGG. BIT. SURF.	BIT. MAT. FOR SURF. COURSE	ON THE JOB TRAINING	CONCRETE CURB TYPE "J"	CULVERT PIPE CLASS III 18 INCH	CULVERT PIPE CLASS III 24 INCH	CULVERT PIPE CLASS III 30 INCH	CULVERT PIPE CLASS IV 24 INCH	APRON ENDWALLS FOR CULVERT PIPE 18 INCH	APRON ENDWALLS FOR CULVERT PIPE 24 INCH	APRON ENDWALLS FOR CULVERT PIPE 30 INCH	SLOPE PAVING, CONC.	HEAVY RIP RAP	ANCHORAGES FOR STEEL PLATE BEAM GUARD	STEEL PLATE BEAM GUARD CLASS "A"	TOPSOIL	TOPSOIL SALVAGED	SEEDING	SODDING	FERTILIZER	MULCHING	FIE OFFI TYP "A"
ITEM NO.		20101	20104	203	20503	20801		21101	21201	21301	21401	30404	40202	40401	40406	40601	40' 0	90001	60104	52003	52005	52007	52025	52061	52063	52065	60404	60602	61406	61408	62501	62505	63002	63101	62901	62702	642
UNIT	LIN. FT.	STA.	STA.	L.S.	C.Y.	C.Y.	C.Y.	L.S.	C.Y.	L.S.	STA.	TON	GAL.	SQ.YD.	C.Y.	TON		HR.	LIN.FT.	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	EACH	EACH	SQ.YD.	C.Y.	EACH	LIN.FT.	SQ.YD.	SQ.YD.	L.B.	SQ.YD.	CWT.	SQ.YD	L.S
156+00 – 232+00	7,600.0	38	38		103,166	834				1	5	15,000						1,000	85	66	474	174	164		6	16	4	230	90	8	1416		70,070 ①	1,250	2,300	36 ②	24,000	1

① INCLUDES 1000 S.Y. UNDISTRIBUTED
② INCLUDES 4 CWT. UNDISTRIBUTED



TYPICAL FINISHED SECTION

NOTE: BITUMINOUS SURFACING AND SHOULDER MATERIAL ARE NOT A PART OF THIS CONTRACT.

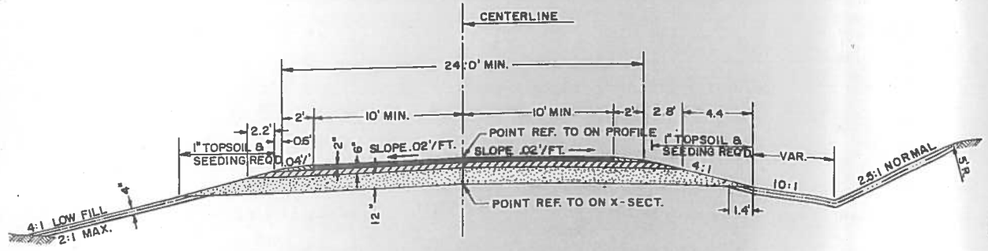


TYPICAL FINISHED SECTION ON CURVE

* SHOULDER SLOPE OF LOWER SIDE WILL BE 0.04'/FT. UNTIL SUPERELEVATION EXCEEDS THIS SLOPE, THEN IT WILL BE PARALLEL TO PAVEMENT SLOPE.

SUPERELEVATION DATA

DEGREE OF CURVE	SUPER	A	B	C	D	E	F	G	H	TRANS.
2° 30'	.060	3.8	1.9	1.1	1.1	1.9	3.8	1.75	L07	220'
3°	.067	3.8	1.9	1.1	1.1	1.9	3.8	1.82	L05	220'



TYPICAL FINISHED SECTION FOR TOWN ROADS

SINGLE AGGREGATE BITUMINOUS SURFACING
CRUSHED AGGREGATE BASE COURSE (SHOULDER MATERIAL)
CRUSHED AGGREGATE BASE COURSE
SELECT EMBANKMENT
4" TOPSOIL & SEEDING
ORIGINAL GROUND

UTILITIES

ST. CROIX TELEPHONE CO.
NEW RICHMOND, WIS. 54017
JAMES SMITH 715-246-2214

NORTHERN STATES POWER CO.
801 KELLER AVE. SOUTH
AMERY, WIS. 54001
DUTTEE HOLMES 715-268-7172

GENERAL NOTES

CURVE DATA IS BASED ON ARC DEFINITION.

NO TREES ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

DISTURBED AREAS, WITHIN THE RIGHT OF WAY, EXCEPT THE AREA WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE FERTILIZED AND/OR SEEDED AS DIRECTED BY THE ENGINEER.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION. THE LOCATION FOR EBS WILL BE DETERMINED BY THE ENGINEER.

UNLESS OTHERWISE SHOWN ON THE PLANS, ALL INTERSECTIONS SHALL BE TYPE "C" AS SHOWN ON THE STANDARD DETAIL DRAWING.

WHEN THE QUANTITY OF THE ITEMS OF SUBBASE BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL DIRECTED BY THE ENGINEER.

STANDARD ABBREVIATIONS

ADT AVERAGE DAILY TRAFFIC	MAG. MAGNETIC
AGG. AGGREGATE	MAT. MATERIAL
AH. AHEAD	M.H. MAN HOLE
AZ. AZIMUTH	M.L. MATCH LINE
	MON. MONUMENT
B.M. BENCH MARK	M MID ORDINATE
B BARN	
BIT. BITUMINOUS	P.C. POINT OF CURVATURE
BK. BACK	P.E. PRIVATE ENTRANCE
B.R.M. BITUMINOUS ROAD MIX	PED. PEDESTAL
	P.I. POINT OF INTERSECTION
CONST. CONSTRUCT -...TION	P.L. PROPERTY LINE
C.&G. CURB & GUTTER	P.O.S.T. POINT ON SUB TANGENT
C.B. CATCH BASIN	P.O.T. POINT ON TANGENT
CEM. CEMETERY	P.T. POINT OF TANGENCY
CH. CHAINS	REQ'D. REQUIRED
CH.CH. CHANNEL CHANGE	REINF. REINFORCED
CL. CLASS	R RADIUS - RANGE
℄ CENTERLINE	R.C.C.P. REINFORCED CONCRETE CULVERT PIPE
C.M.C.P. CORRUGATED METAL CULVERT PIPE	RD. ROAD - RODS
CONN. CONNECTION	R.H.F. RIGHT HAND FORWARD
COR. CORNER	℄ REFERENCE LINE
C.P. CULVERT PIPE	R/W RIGHT OF WAY
C.Y. CUBIC YARDS	ROWY. ROADWAY
COMM. COMMERCIAL	SURF. SURFACE
	S SHED
Δ DELTA - INTERSECTION ANGLE	SAN.S. SANITARY SEWER
D DEGREE OF CURVE - DIRECTION	SCH. SCHOOL
DHV DESIGN HOURLY VOLUME	S.E. - SUPERELEVATION
	SEC. SECTION
E EXTERNAL DISTANCE	SHR. SHRINKAGE
ET AL. AND OTHERS	SL. SLOPE
EXC. EXCAVATION	S.S. STORM SEWER
F.E. FIELD ENTRANCE	STA. STATION
	S.S.D. STOPPING SIGHT DISTAN
G GARAGE	SQ.YD. SQUARE YARDS
GAL. GALLON	T TANGENT DISTANCE - TRU
H HOUSE	TOWNSHIP
HYD. HYDRANT	TAV. TAVERN
	TEL. TELEPHONE
I INTERSECTION ANGLE	T.H. TRAILER HOUSE
INL. INLET	℄ TRANSIT LINE
I.P. IRON PIPE OR PIN	TN. TOWN
	TRANS. TRANSITION
L LENGTH OF CURVE	U.C. UNDERGROUND CABLE
L.H.E. LIMITED HIGHWAY EASEMENT	UNCL. UNCLASSIFIED
L.H.F. LEFT HAND FORWARD	VAR. VARIABLE
LIN.FT. LINEAR FEET	V VELOCITY
L.S. LUMP SUM	V.C. VERTICAL CURVE
LC LONG CHORD	W.V. WATER VALVE

STANDARD DETAIL DRAWINGS

8F1-3	APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH.
9A1-2	DESIGN AND LAYOUT DETAILS FOR SIDE ROAD AT-GRADE INTERSECTIONS.
14B2-3A&B	CLASS "A" STEEL PLATE BEAM GUARD AND STEEL PLATE BEAM MEDIAN GUARD. (2 SHEETS)
15C1-2	CONSTRUCTION BARRICADE.

PROJECT I.D. 8939-9-71	SHEET NUMBER 5	TOTAL SHEETS
FEDERAL PROJECT DESIGNATION		

PLAN AND PROFILE
C.T.H. "E" ST. CROIX CO.

143+23.83 P.O.S.T. 148+81.41 P.O.C. 148+68.18 = 10+00 SD. RD. CONN.

P.O.T. 15+92.88 P.E.

N.S.P. EAU CLAIRE, WIS.
ST. CROIX TEL. CO.
NEW RICHMOND, WIS.

S.E.-S.E. SEC. 33 T-30-N. R-19-W.

CURVE DATA

P.I.	144+93.48
AZ.	110°07'14"
Δ	69°52'46"
D	3°00' LT.
T	1334.31'
L	2329.31'
R	1909.86'
E	419.93'
S.E.	0.053'/FT.
TRANS.	190'
M	344.24'
LC	2187.60'

STA. 154+90
CONST. P.E. (LT.)
1-18"x22' C.M.C.P.
2-APRON ENDWALLS

HARLEM L. DUDEN
PARCEL NO. 11
1.53 ACRES FEE

HARLEM L. DUDEN

JAMES W. CURREY

BEGIN PROJECT 8939-9-71
STA. 156+00

CONST. TEMP. CONN.

DRY WELL

P.E.

99°54'30"

7° CURVE

14° CURVE

S. 89°35'54" E. (TRUE)

C.T.H. "E"

NORTHERN STATES POWER CO.

P.L.

ANNA E. DURNING ET AL

N.E.-N.W. SEC. 3 T-29-N, R-19-W.

N.S.P. TRANS.
EAU CLAIRE, WIS.

L.H.E.

BM 15
N. 0° W. 18.16' FROM S.W. COR. OF SEC. 34, T-30-N, R-19-W

NORTHERN STATES POWER CO.
PARCEL NO. 15
SEE LAST PLAN SHEET

ANNA E. DURNING ET AL
PARCEL NO. 13
SEE NEXT SHEET

N.W.-N.W. SEC. 3 T-29-N, R-19-W.

NET LENGTH OF CENTERLINE STA. 156+00 TO 175+00 = 1900 LIN. FT.

ESTHER JONES
PARCEL NO. 12
1.11 ACRES FEE

P.O.C. 170+04.70 ℄ = 10+00 TN. RD. CONN.

S.E.-S.W. SEC. 34 T-30-N. R-19-W.

TOWN ROAD

N 0° 01' 48" E (TRUE)

P.O.T. 12+76.99

12+50 END. CONST. STA. 12+50

87° 08' 35"

ESTHER JONES

P.L.

N.S.P.

BM 16

S. 74° 58' 30" E. (TRUE)

C.T.H. "E"

CURVE DATA

P.I.	171+00
AZ.	194°37'15"
Δ	14°37'15"
D	2°30' RT.
T	294.01'
L	584.84'
R	2291.83'
E	18.78'
S.E.	0.046'/FT.
TRANS.	200'

P.C. 168+05.99

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
15	146+30	P.K. NAIL IN POWER POLE, RT. 275'	919.91
16	174±20	P.K. IN 12" POPLAR, RT. 30'	906.99

BALANCE NO. 1

UNCL.	3,613 C.Y.	
FILL	2,689 C.Y.	
TEMP. CONN.	250 C.Y.	2,939 C.Y.

SHR. 25%

HAUL 2800 C.Y. SELECT EMBANKMENT FROM BAL. NO. 5, 15% SHR. INCLUDED

BALANCE NO. 2

UNCL.	9,645 C.Y.	
SD. RD.	854 C.Y.	10,499 C.Y.
FILL	8,393 C.Y.	
SD. RD.	6 C.Y.	8,399 C.Y.

SHR. 25%

HAUL 1,820 C.Y. SELECT EMBANKMENT FOR ℄ AND HAUL 400 C.Y. SELECT EMBANKMENT FOR SD. RD. FROM BAL. NO. 5, 15% SHR. INCLUDED

+00

+84

OLD ROAD PROFILE

TEMP. CONN.

FINISHED GRADE

ORIGINAL GROUND

+2.5%

P.C. 158+00 EL. 927.46

P.I. 165+00 EL. 944.96

1400' V.C. 580' S.S.D.

-3.2%

P.T. 172+00 EL. 922.50

STA. 152±60
1-18"x40' C.M.C.P. IN PLACE TO REMAIN

TN. RD. CONN. AT 170+04.70

ORIGINAL GROUND

FINISHED GRADE

100' V.C.

+1.8%

-2.0%

P.I. 10+47.5 EL. 931.45

TP.L. 12+00

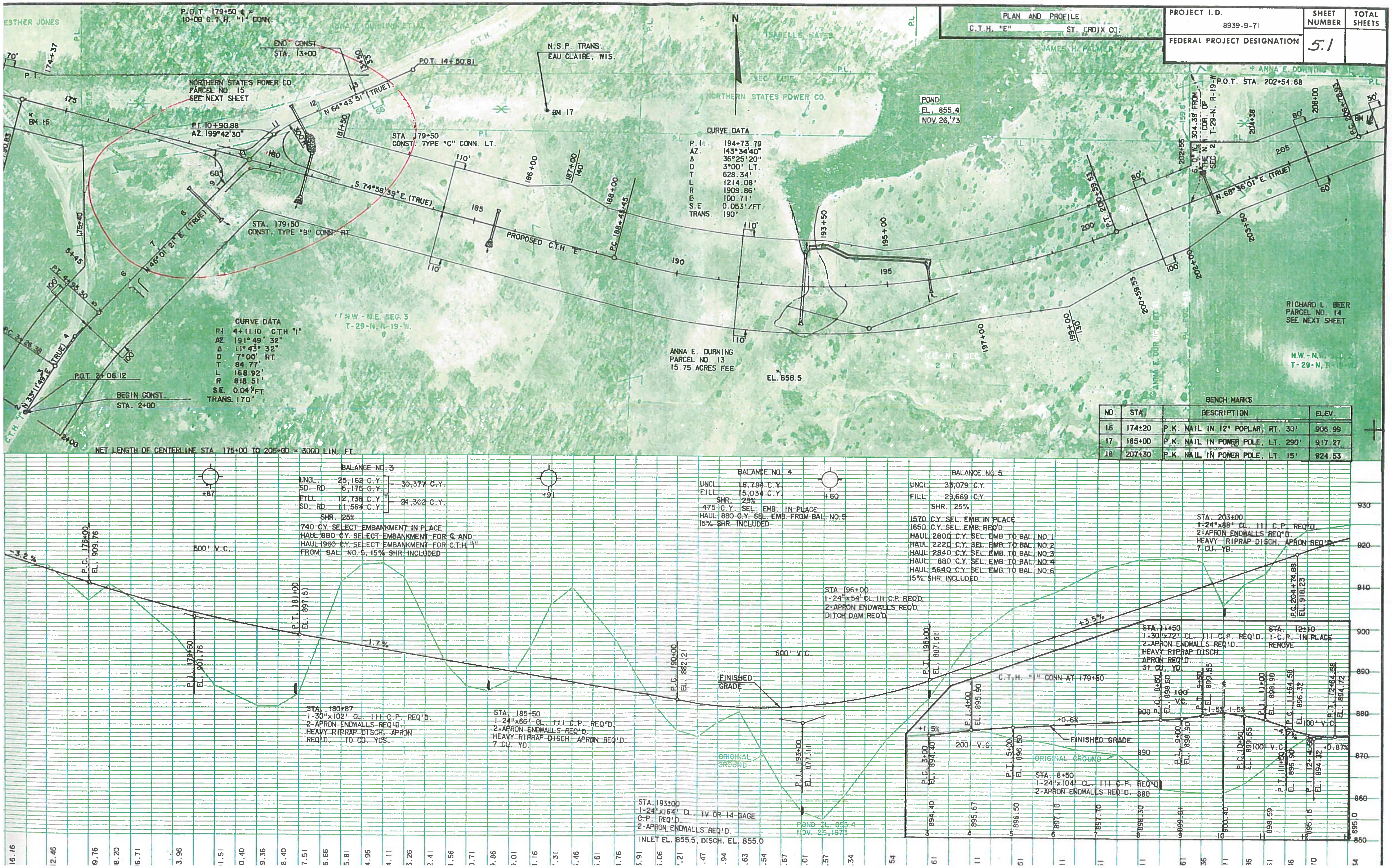
STA. 11+00
1-24"x44' CL. III C.P. REQ'D. EL. 928.95
2-APRON ENDWALLS REQ'D.

100' V.C.

940
930
920
910
900

15 14 13 12 11 10

929.4 930.7 928.00



BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
16	174±20	P.K. NAIL IN 12" POPLAR, RT. 30'	906.99
17	185+00	P.K. NAIL IN POWER POLE, LT. 290'	917.27
18	207+30	P.K. NAIL IN POWER POLE, LT. 15'	924.53

PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
8939-9-71	5.2	
FEDERAL PROJECT DESIGNATION		

PLAN AND PROFILE
C.T.H. "E" ST. CROIX CO.

P.I. 230+53.75 AZ. 179°27'09" P.O.T. 236+01.57

S.W. - S.E. SEC. 35 T-30-N, R-19-W.

S.E. - S.W. SEC. 35 T-30-N, R-19-W.

S.W. - S.W. SEC. 35 T-30-N, R-19-W.

N.E. - N.W. SEC. 2 T-29-N, R-19-W.

N.W. - N.E. SEC. 2 T-29-N, R-19-W.

P.O.T. 229+35 ℄ = 10+00 C.T.H. "A" & TN. RD. CONN.

CURVE DATA
P.I. 11+96.65 TN. RD. N.
AZ. 188°48'
D 7°00' RT.
R 818.51'
T 62.98
L 125.71
SE NC

STA. 229+35
CONST. TYPE "B" CONN. LT.

P.O.T. 13+68.85

TOWN ROAD

N 0°47'W (TRUE)

13+00 END CONST. STA. 13+00

REUBEN W. JACOBSON

REUBEN W. JACOBSON PARCEL NO. 16 0.34 ACRE FEE

END PROJECT 8939-9-71 STA. 232+00

PT. 12+69.10

RICHARD L. BEER

PC. 11+33.67

80°00'25"

N 39°25'35" E

ANNA E. DURNING ET AL.
PARCEL NO. 13
SEE PREVIOUS SHEET

ANNA E. DURNING ET AL.

P.I. 216+23

RICHARD L. BEER

224+00 225+00 232+00

50' 60' 50'

215 220 225 230

PROPOSED C.T.H. "E"
P.L.
S.89°35'54"E. (TRUE)

N.89°51'15"E. (TRUE)

C.T.H. "A"

66'

SEC. LINE

210 200 200

BM 18

BM 19

BM 20

121.3

269°52'25"

NORTHERN STATES POWER CO.
PARCEL NO. 15
6.61 ACRES FEE
0.10 ACRE L.H.E.

N.S.P. TRANS. EAU CLAIRE, WIS.

P.T. 214+05.64

222+00 224+00

N.S.P., EAU CLAIRE, WIS.
ST. CROIX TEL. CO. INC.
NEW RICHMOND, WIS.

REUBEN W. JACOBSON ET AL
PARCEL NO. 17
0.12 ACRE FEE

CURVE DATA
P.I. 210+46.74
AZ. 201°48'05"
Δ 21°48'05"
D 3°00' RT.
T 367.81'
L 726.71'
R 1909.86'
E 35.09'
SE 0.053'/FT.
TRANS 190'

P.C. 207+78.93

206+00 208+00

204+38

205

S.89°01' E (TRUE)

STA. 229+35
CONST. SPECIAL CONN. RT.
SEE DETAIL SHEET 2

RICHARD L. BEER
PARCEL NO. 14
3.06 ACRES FEE

BEGIN CONST. STA. 7+50

7+00

N 0°16'31" E (TRUE)

REUBEN W. JACOBSON ET AL
PARCEL NO. 17
0.12 ACRE FEE

P.O.T. 3+00.23 C.T.H. "A"

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
18	207+30	P.K. NAIL IN POWER POLE, LT. 15'	924.53
19	219+23	P.K. NAIL IN POWER POLE, RT. 85'	931.58
20	228+03	BOLT, N.E. COR. OF TOWER, RT. 60'	929.50

NET LENGTH OF CENTERLINE STA. 205+00 TO 232+00 = 2700 LIN. FT.

BALANCE NO. 6

UNCL.	5,883 C.Y.	
SD. RDS.	961 C.Y.	= 6,844 C.Y.
FILL	5,675 C.Y.	
SD. RDS.	465 C.Y.	= 6,140 C.Y.
BORROW		834 C.Y.
SHR. 25%		

HAUL 5,640 C.Y. SELECT EMBANKMENT FROM BAL. NO. 5 15% SHR. INCLUDED

+54

P.I. 210+74.88
EL. 939.23

P.C. 204+74.88
EL. 918.23

+3.5%

1200' V.C.
640' S.S.D.

P.T. 216+74.88
EL. 935.63

-0.6%

FINISHED GRADE

ORIGINAL GROUND

P.C. 224+00
EL. 931.28

700' V.C.

P.T. 227+50
EL. 929.18

+00

P.T. 234+00
EL. 935.83

+1.9%

940
930
920

STA. 228+50
1-24"X 74' CL. III C.P. REQ'D.
2-APRON ENDWALLS REQ'D.
HEAVY RIP RAP DISCH. APRON
7 C.Y. REQ'D.

C.T.H. "A" & TN. RD. CONN. AT 229+35

P.I. 12+00
EL. 934.54

-1.2%

50' V.C.

+1.5%

-1.5%

+1.5%

P.I. 9+00
EL. 931.69

200' V.C.
365' S.S.D. P.I. 10+55
EL. 932.27

FINISHED GRADE

-2.0%

150' V.C.
280' S.S.D.

ORIGINAL GROUND

STA. 10+72
1-24"X 44' CL. III C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

933.3 933.9 933.0 933.19 931.0 926.7

14 13 12 11 10 9 8 7 6

Appendix C

Additional Research

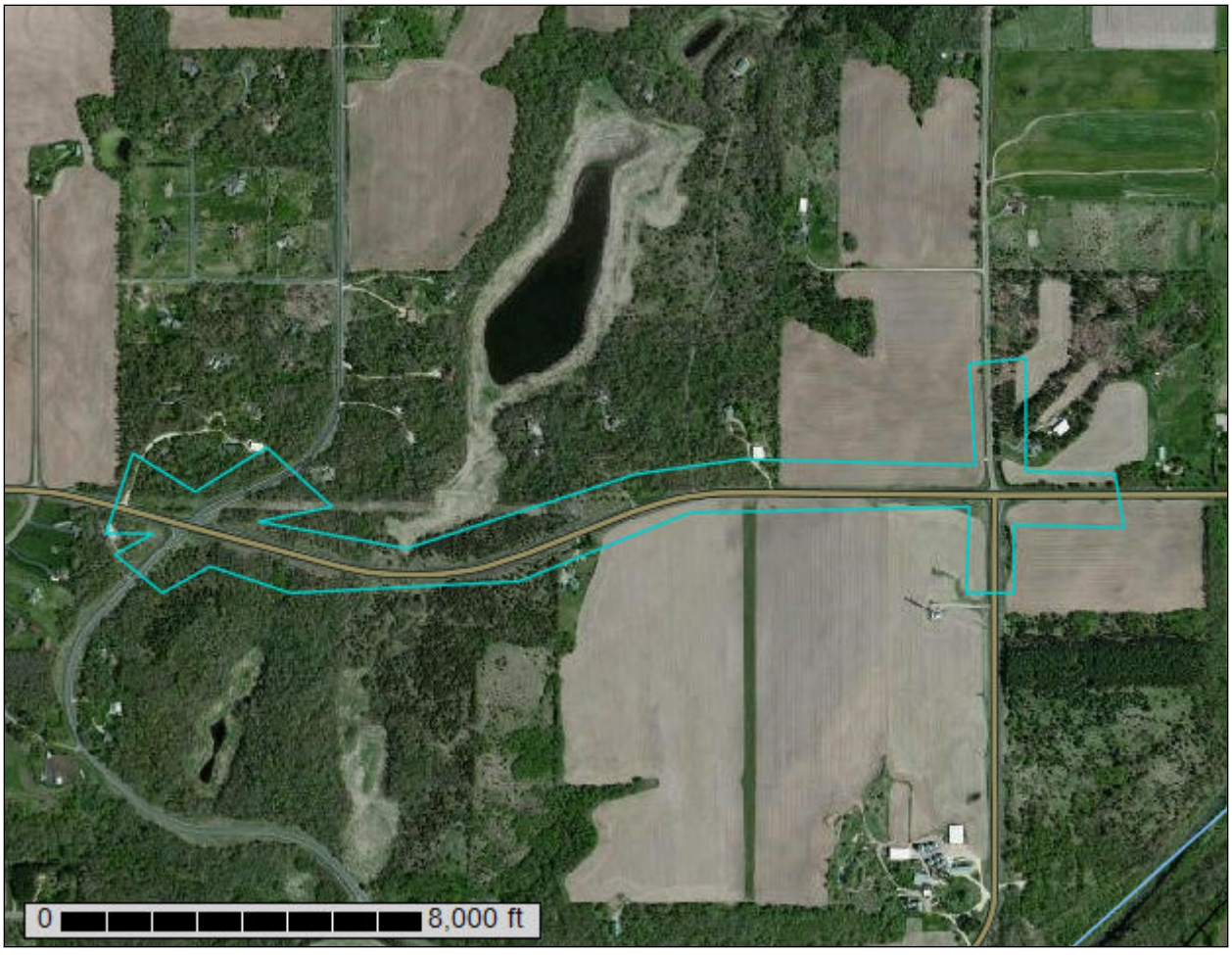
United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for St. Croix County, Wisconsin



April 17, 2017

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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Contents

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

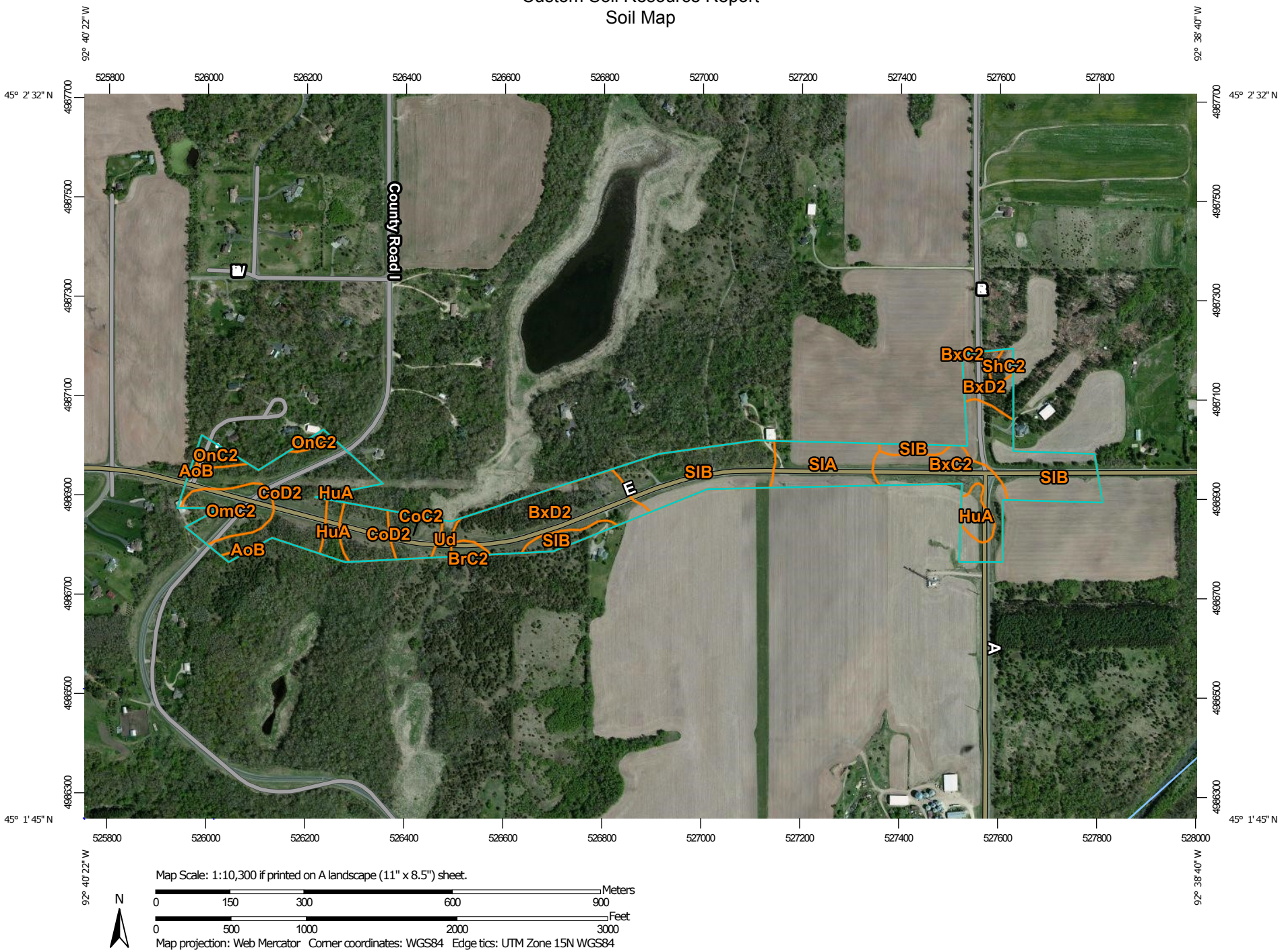
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: St. Croix County, Wisconsin
Survey Area Data: Version 12, Sep 27, 2016

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

St. Croix County, Wisconsin (WI109)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
AoB	Antigo silt loam, 2 to 6 percent slopes	0.3	0.4%
BrC2	Burkhardt sandy loam, 6 to 12 percent slopes, eroded	0.5	0.7%
BxC2	Burkhardt-Sattre complex, 6 to 12 percent slopes, eroded	5.7	9.4%
BxD2	Burkhardt-Sattre complex, 12 to 30 percent slopes, eroded	10.2	16.9%
CoC2	Chetek-Onamia complex, 6 to 12 percent slopes, eroded	2.1	3.5%
CoD2	Chetek-Onamia complex, 12 to 20 percent slopes, eroded	12.4	20.6%
HuA	Huntsville silt loam, 0 to 3 percent slopes	2.3	3.9%
OmC2	Rosholt sandy loam, 6 to 15 percent slopes	3.7	6.2%
OnC2	Onamia-Antigo complex, 6 to 12 percent slopes, eroded	1.2	2.1%
ShC2	Sattre loam, 6 to 12 percent slopes, eroded	0.6	1.0%
SlA	Sattre silt loam, 0 to 2 percent slopes	4.6	7.6%
SlB	Sattre silt loam, 2 to 6 percent slopes	16.3	26.9%
Ud	Udifluvents	0.6	0.9%
Totals for Area of Interest		**60.4**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made

up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

St. Croix County, Wisconsin

AoB—Antigo silt loam, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: 2tnz8
Elevation: 740 to 1,900 feet
Mean annual precipitation: 27 to 36 inches
Mean annual air temperature: 37 to 46 degrees F
Frost-free period: 80 to 150 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Antigo and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Antigo

Setting

Landform: Terraces, flats, hillslopes
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, riser, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loess and/or silty glaciofluvial deposits over loamy glaciofluvial deposits over stratified sandy and gravelly outwash

Typical profile

Ap - 0 to 9 inches: silt loam
E - 9 to 12 inches: silt loam
B/E - 12 to 19 inches: silt loam
Bt1 - 19 to 28 inches: silt loam
2Bt2 - 28 to 31 inches: loam
2Bt3 - 31 to 33 inches: very gravelly sandy loam
3C - 33 to 79 inches: stratified sand to very gravelly coarse sand

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: Moderate (about 7.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B

Other vegetative classification: Mod AWC, adequately drained (G090BY005WI), Acer saccharum/Hydrophyllum (AH), Acer saccharum/Viola-Osmorhiza (AViO)
Hydric soil rating: No

Minor Components

Billyboy
Percent of map unit: 5 percent
Landform: Terraces, flats, hillslopes
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope, tread, rise
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: Mod AWC, adequately drained (G090AY005WI), Acer saccharum/Caulophyllum-Circaea (ACaCi), Acer saccharum/Hydrophyllum (AH), Acer saccharum-Tsuga/Maianthemum (ATM), Acer saccharum/Viola-Osmorhiza (AViO)
Hydric soil rating: No

Rosholt
Percent of map unit: 5 percent
Landform: Terraces, flats, hillslopes
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, riser, rise
Down-slope shape: Convex
Across-slope shape: Convex
Other vegetative classification: Mod AWC, adequately drained (G090AY005WI), Acer saccharum/Vaccinium-Desmodium (AVDe), Acer saccharum/Athyrium (AAt), Acer saccharum/Caulophyllum-Circaea (ACaCi), Acer saccharum-Quercus/Viburnum=(Vaccinium) (AQVb-V)
Hydric soil rating: No

Sconsin
Percent of map unit: 5 percent
Landform: Terraces, flats, hillslopes
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve, tread, rise
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: High AWC, adequately drained (G090AY008WI), Acer saccharum/Caulophyllum-Circaea (ACaCi), Acer saccharum/Hydrophyllum (AH), Acer saccharum-Tsuga/Maianthemum (ATM), Acer saccharum/Viola-Osmorhiza (AViO)
Hydric soil rating: No

Brill
Percent of map unit: 3 percent
Landform: Terraces, flats, hillslopes
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve, tread, rise
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: High AWC, adequately drained (G090BY008WI), Acer saccharum/Athyrium (AAt), Acer saccharum/Caulophyllum-Circaea (ACaCi)
Hydric soil rating: No

Ossmer

Percent of map unit: 2 percent
Landform: Terraces, flats, hillslopes
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope, tread, talf
Down-slope shape: Concave
Across-slope shape: Linear
Other vegetative classification: High AWC, high water table (G090AY007WI), Acer saccharum/Hydrophyllum (AH), Acer saccharum-Tsuga/Maianthemum (ATM), Acer saccharum/Viola-Osmorhiza (AViO), Tsuga/Maianthemum-Coptis (TMC)
Hydric soil rating: No

BrC2—Burkhardt sandy loam, 6 to 12 percent slopes, eroded

Map Unit Setting

National map unit symbol: g57q
Elevation: 700 to 1,900 feet
Mean annual precipitation: 24 to 35 inches
Mean annual air temperature: 46 to 50 degrees F
Frost-free period: 135 to 165 days
Farmland classification: Not prime farmland

Map Unit Composition

Burkhardt and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Burkhardt

Setting

Landform: Pitted outwash plains, stream terraces
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy drift over sandy and gravelly outwash

Typical profile

Ap,A12,A3 - 0 to 12 inches: sandy loam
B2 - 12 to 16 inches: sandy loam
B3,2C - 16 to 60 inches: Error

Properties and qualities

Slope: 6 to 12 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Excessively drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None

Frequency of ponding: None
Available water storage in profile: Low (about 3.5 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: A
Other vegetative classification: Low AWC, adequately drained (G105XY002WI)
Hydric soil rating: No

BxC2—Burkhardt-Sattre complex, 6 to 12 percent slopes, eroded

Map Unit Setting

National map unit symbol: g57s
Elevation: 700 to 1,900 feet
Mean annual precipitation: 24 to 35 inches
Mean annual air temperature: 45 to 52 degrees F
Frost-free period: 135 to 165 days
Farmland classification: Not prime farmland

Map Unit Composition

Burkhardt and similar soils: 60 percent
Sattre and similar soils: 40 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Burkhardt

Setting

Landform: Outwash plains, stream terraces
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy drift over sandy and gravelly outwash

Typical profile

Ap,A12,A3 - 0 to 12 inches: sandy loam
B2 - 12 to 16 inches: sandy loam
B3,2C - 16 to 60 inches: Error

Properties and qualities

Slope: 6 to 12 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Excessively drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 3.5 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: A
Other vegetative classification: Low AWC, adequately drained (G105XY002WI)
Hydric soil rating: No

Description of Sattre

Setting

Landform: Outwash plains, stream terraces
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loess over loamy drift over sandy and gravelly outwash

Typical profile

Ap,A2,B1 - 0 to 17 inches: loam
B21t-2B3 - 17 to 30 inches: loam
2C - 30 to 60 inches: coarse sand

Properties and qualities

Slope: 6 to 12 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 6.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Other vegetative classification: Mod AWC, adequately drained (G105XY005WI)
Hydric soil rating: No

BxD2—Burkhardt-Sattre complex, 12 to 30 percent slopes, eroded

Map Unit Setting

National map unit symbol: g57t
Elevation: 700 to 1,900 feet
Mean annual precipitation: 24 to 35 inches
Mean annual air temperature: 45 to 52 degrees F
Frost-free period: 135 to 165 days
Farmland classification: Not prime farmland

Map Unit Composition

Burkhardt and similar soils: 60 percent
Sattre and similar soils: 40 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Burkhardt

Setting

Landform: Pitted outwash plains
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy drift over sandy and gravelly outwash

Typical profile

Ap,A12,A3 - 0 to 12 inches: sandy loam
B2 - 12 to 16 inches: sandy loam
B3,2C - 16 to 60 inches: Error

Properties and qualities

Slope: 12 to 30 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Excessively drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 3.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Other vegetative classification: Low AWC, adequately drained with limitations (G105XY003WI)
Hydric soil rating: No

Description of Sattre

Setting

Landform: Pitted outwash plains
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loess over loamy drift over sandy and gravelly outwash

Typical profile

Ap,A2,B1 - 0 to 17 inches: loam
B21t-2B3 - 17 to 30 inches: loam
2C - 30 to 60 inches: coarse sand

Properties and qualities

Slope: 12 to 14 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained

Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 6.5 inches)

Interpretive groups
Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B
Other vegetative classification: Mod AWC, adequately drained with limitations (G105XY006WI)
Hydric soil rating: No

CoC2—Chetek-Onamia complex, 6 to 12 percent slopes, eroded

Map Unit Setting
National map unit symbol: g57v
Elevation: 800 to 1,950 feet
Mean annual precipitation: 24 to 33 inches
Mean annual air temperature: 39 to 45 degrees F
Frost-free period: 120 to 135 days
Farmland classification: Not prime farmland

Map Unit Composition
Chetek and similar soils: 60 percent
Onamia and similar soils: 40 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Chetek

Setting
Landform: Pitted outwash plains
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy drift over sandy and gravelly outwash

Typical profile
Ap - 0 to 6 inches: sandy loam
Bt - 6 to 16 inches: sandy loam
B3 - 16 to 19 inches: loamy sand
C - 19 to 60 inches: stratified coarse sand to sand

Properties and qualities
Slope: 6 to 12 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat excessively drained
Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 3.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B
Other vegetative classification: Low AWC, adequately drained (G105XY002WI)
Hydric soil rating: No

Description of Onamia

Setting

Landform: Pitted outwash plains
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy drift over sandy and gravelly outwash

Typical profile

Ap,A&B - 0 to 7 inches: loam
B21t-B23t - 7 to 28 inches: fine sandy loam
B3 - 28 to 32 inches: fine sandy loam
C - 32 to 60 inches: stratified coarse sand to sand

Properties and qualities

Slope: 6 to 12 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 6.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Other vegetative classification: Mod AWC, adequately drained (G105XY005WI)
Hydric soil rating: No

Minor Components

Rib

Percent of map unit:
Landform: Depressions
Hydric soil rating: Yes

CoD2—Chetek-Onamia complex, 12 to 20 percent slopes, eroded

Map Unit Setting

National map unit symbol: g57w
Elevation: 800 to 1,950 feet
Mean annual precipitation: 24 to 33 inches
Mean annual air temperature: 39 to 45 degrees F
Frost-free period: 120 to 135 days
Farmland classification: Not prime farmland

Map Unit Composition

Chetek and similar soils: 60 percent
Onamia and similar soils: 40 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Chetek

Setting

Landform: Pitted outwash plains
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy drift over sandy and gravelly outwash

Typical profile

Ap - 0 to 6 inches: sandy loam
Bt - 6 to 16 inches: sandy loam
B3 - 16 to 19 inches: loamy sand
C - 19 to 60 inches: stratified coarse sand to sand

Properties and qualities

Slope: 12 to 20 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat excessively drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 3.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Other vegetative classification: Low AWC, adequately drained with limitations (G105XY003WI)
Hydric soil rating: No

Description of Onamia

Setting

Landform: Pitted outwash plains
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy drift over sandy and gravelly outwash

Typical profile

Ap,A&B - 0 to 7 inches: loam
B21t-B23t - 7 to 28 inches: fine sandy loam
B3 - 28 to 32 inches: fine sandy loam
C - 32 to 60 inches: stratified coarse sand to sand

Properties and qualities

Slope: 12 to 20 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 6.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B
Other vegetative classification: Mod AWC, adequately drained with limitations (G105XY006WI)
Hydric soil rating: No

Minor Components

Rib

Percent of map unit:
Landform: Depressions
Hydric soil rating: Yes

HuA—Huntsville silt loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: g58v
Elevation: 400 to 1,360 feet
Mean annual precipitation: 25 to 40 inches
Mean annual air temperature: 45 to 54 degrees F

Frost-free period: 140 to 190 days
Farmland classification: All areas are prime farmland

Map Unit Composition
Huntsville and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Huntsville

Setting
Landform: Flood plains, drainageways on outwash plains
Landform position (two-dimensional): Toeslope
Down-slope shape: Linear
Across-slope shape: Linear, concave
Parent material: Silty alluvium

Typical profile
Ap,A12,A13 - 0 to 44 inches: silt loam
A14,C - 44 to 60 inches: silt loam

Properties and qualities
Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Moderately well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 18 inches
Frequency of flooding: Occasional
Frequency of ponding: Occasional
Calcium carbonate, maximum in profile: 5 percent
Available water storage in profile: Very high (about 12.8 inches)

Interpretive groups
Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: B/D
Other vegetative classification: High AWC, adequately drained (G105XY008WI)
Hydric soil rating: No

Minor Components

Fluvaquents, wet
Percent of map unit:
Landform: Drainageways
Hydric soil rating: Yes

OmC2—Rosholt sandy loam, 6 to 15 percent slopes

Map Unit Setting
National map unit symbol: 2tnzf

Elevation: 690 to 1,460 feet
Mean annual precipitation: 27 to 36 inches
Mean annual air temperature: 37 to 46 degrees F
Frost-free period: 80 to 150 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Rosholt and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rosholt

Setting

Landform: Terraces, hillslopes
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope, riser
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy glaciofluvial deposits over stratified sandy and gravelly outwash

Typical profile

A - 0 to 3 inches: sandy loam
E - 3 to 8 inches: sandy loam
B/E - 8 to 20 inches: sandy loam
Bt1 - 20 to 28 inches: sandy loam
2Bt2 - 28 to 34 inches: gravelly loamy sand
2C - 34 to 79 inches: stratified sand to very gravelly coarse sand

Properties and qualities

Slope: 6 to 15 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: Low (about 4.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: A
Other vegetative classification: Mod AWC, adequately drained (G090AY005WI), Acer saccharum/Vaccinium-Desmodium (AVDe), Acer saccharum/Athyrium (AAt), Acer saccharum/Caulophyllum-Circaea (ACaCi), Acer saccharum-Quercus/Viburnum=(Vaccinium) (AQVb-V)
Hydric soil rating: No

Minor Components

Chetek

Percent of map unit: 7 percent

Landform: Terraces, hillslopes
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope, riser
Down-slope shape: Convex
Across-slope shape: Convex
Other vegetative classification: Low AWC, adequately drained (G090AY002WI), Acer saccharum/Vaccinium-Desmodium (AVDe), Acer saccharum/Athyrium (AAt), Pinus strobus/Amphicarpa bracteata (PAm)
Hydric soil rating: No

Cress

Percent of map unit: 3 percent
Landform: Terraces, hillslopes
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope, riser
Down-slope shape: Convex
Across-slope shape: Convex
Other vegetative classification: Low AWC, adequately drained (G090AY002WI), Acer saccharum/Vaccinium-Desmodium (AVDe), Pinus strobus/Amphicarpa bracteata (PAm)
Hydric soil rating: No

Antigo

Percent of map unit: 3 percent
Landform: Terraces, hillslopes
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope, riser
Down-slope shape: Convex
Across-slope shape: Convex
Other vegetative classification: Mod AWC, adequately drained (G090BY005WI), Acer saccharum/Hydrophyllum (AH), Acer saccharum/Viola-Osmorhiza (AViO)
Hydric soil rating: No

Scott lake

Percent of map unit: 2 percent
Landform: Terraces, flats, hillslopes
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope, tread, rise
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: Mod AWC, adequately drained (G090AY005WI), Acer saccharum/Hydrophyllum (AH), Acer saccharum/Viola-Osmorhiza (AViO)
Hydric soil rating: No

OnC2—Onamia-Antigo complex, 6 to 12 percent slopes, eroded

Map Unit Setting

National map unit symbol: g598
Elevation: 700 to 1,950 feet
Mean annual precipitation: 24 to 33 inches

Mean annual air temperature: 39 to 45 degrees F
Frost-free period: 100 to 140 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Onamia and similar soils: 60 percent
Antigo and similar soils: 40 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Onamia

Setting

Landform: Pitted outwash plains
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy drift over sandy and gravelly outwash

Typical profile

Ap,A&B - 0 to 7 inches: loam
B21t-B23t - 7 to 28 inches: fine sandy loam
B3 - 28 to 32 inches: fine sandy loam
C - 32 to 60 inches: stratified coarse sand to sand

Properties and qualities

Slope: 6 to 12 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 6.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Other vegetative classification: Mod AWC, adequately drained (G105XY005WI)
Hydric soil rating: No

Description of Antigo

Setting

Landform: Pitted outwash plains
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loess over sandy and gravelly outwash

Typical profile

Ap - 0 to 8 inches: silt loam
A2 - 8 to 11 inches: silt loam
A&B,B21t - 11 to 25 inches: silt loam
B22t,2B3 - 25 to 33 inches: sandy loam

2C - 33 to 60 inches: coarse sand

Properties and qualities

Slope: 6 to 12 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.1 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Other vegetative classification: Mod AWC, adequately drained (G105XY005WI)
Hydric soil rating: No

ShC2—Sattre loam, 6 to 12 percent slopes, eroded

Map Unit Setting

National map unit symbol: g5bb
Elevation: 950 to 1,400 feet
Mean annual precipitation: 30 to 34 inches
Mean annual air temperature: 45 to 52 degrees F
Frost-free period: 145 to 165 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Sattre and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Sattre

Setting

Landform: Pitted outwash plains
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loess over loamy drift over sandy and gravelly outwash

Typical profile

Ap,A2.B1 - 0 to 17 inches: loam
B21t-2B3 - 17 to 30 inches: loam
2C - 30 to 60 inches: coarse sand

Properties and qualities

Slope: 6 to 12 percent

Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 6.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Other vegetative classification: Mod AWC, adequately drained (G105XY005WI)
Hydric soil rating: No

SIA—Sattre silt loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: g5bc
Elevation: 950 to 1,400 feet
Mean annual precipitation: 30 to 34 inches
Mean annual air temperature: 45 to 52 degrees F
Frost-free period: 145 to 165 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Sattre and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Sattre

Setting

Landform: Pitted outwash plains, stream terraces
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Tread
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loess over loamy drift over sandy and gravelly outwash

Typical profile

Ap,A2,B1 - 0 to 17 inches: silt loam
B21t-2B3 - 17 to 30 inches: loam
2C - 30 to 60 inches: coarse sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 6.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2s
Hydrologic Soil Group: B
Other vegetative classification: Mod AWC, adequately drained (G105XY005WI)
Hydric soil rating: No

SIB—Sattre silt loam, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: g5bd
Elevation: 950 to 1,400 feet
Mean annual precipitation: 30 to 34 inches
Mean annual air temperature: 45 to 52 degrees F
Frost-free period: 145 to 165 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Sattre and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Sattre

Setting

Landform: Outwash plains, stream terraces
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Tread
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loess over loamy drift over sandy and gravelly outwash

Typical profile

Ap,A2,B1 - 0 to 17 inches: silt loam
B21t-2B3 - 17 to 30 inches: loam
2C - 30 to 60 inches: coarse sand

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None

Frequency of ponding: None
Available water storage in profile: Moderate (about 6.5 inches)

Interpretive groups
Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B
Other vegetative classification: Mod AWC, adequately drained (G105XY005WI)
Hydric soil rating: No

Ud—Udifluvents

Map Unit Setting
National map unit symbol: g5bh
Elevation: 800 to 1,950 feet
Mean annual precipitation: 28 to 33 inches
Mean annual air temperature: 39 to 45 degrees F
Frost-free period: 120 to 135 days
Farmland classification: Not prime farmland

Map Unit Composition
Udifluvents, sandy substratum, and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Udifluvents, Sandy Substratum

Setting
Landform: Flood plains
Landform position (two-dimensional): Toeslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy alluvium

Typical profile
H1 - 0 to 48 inches: sandy loam
H2 - 48 to 60 inches: sand

Properties and qualities
Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to high (0.14 to 5.95 in/hr)
Depth to water table: About 30 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Available water storage in profile: Moderate (about 8.3 inches)

Interpretive groups
Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: B

Other vegetative classification: Mod AWC, high water table (G105XY004WI)
Hydric soil rating: No

Minor Components

Fluvaquents, wet
Percent of map unit:
Landform: Drainageways
Hydric soil rating: Yes

Saprists
Percent of map unit:
Landform: Depressions
Hydric soil rating: Yes

Seelyeville
Percent of map unit:
Landform: Depressions
Hydric soil rating: Yes

Aquents
Percent of map unit:
Landform: Depressions
Hydric soil rating: Yes

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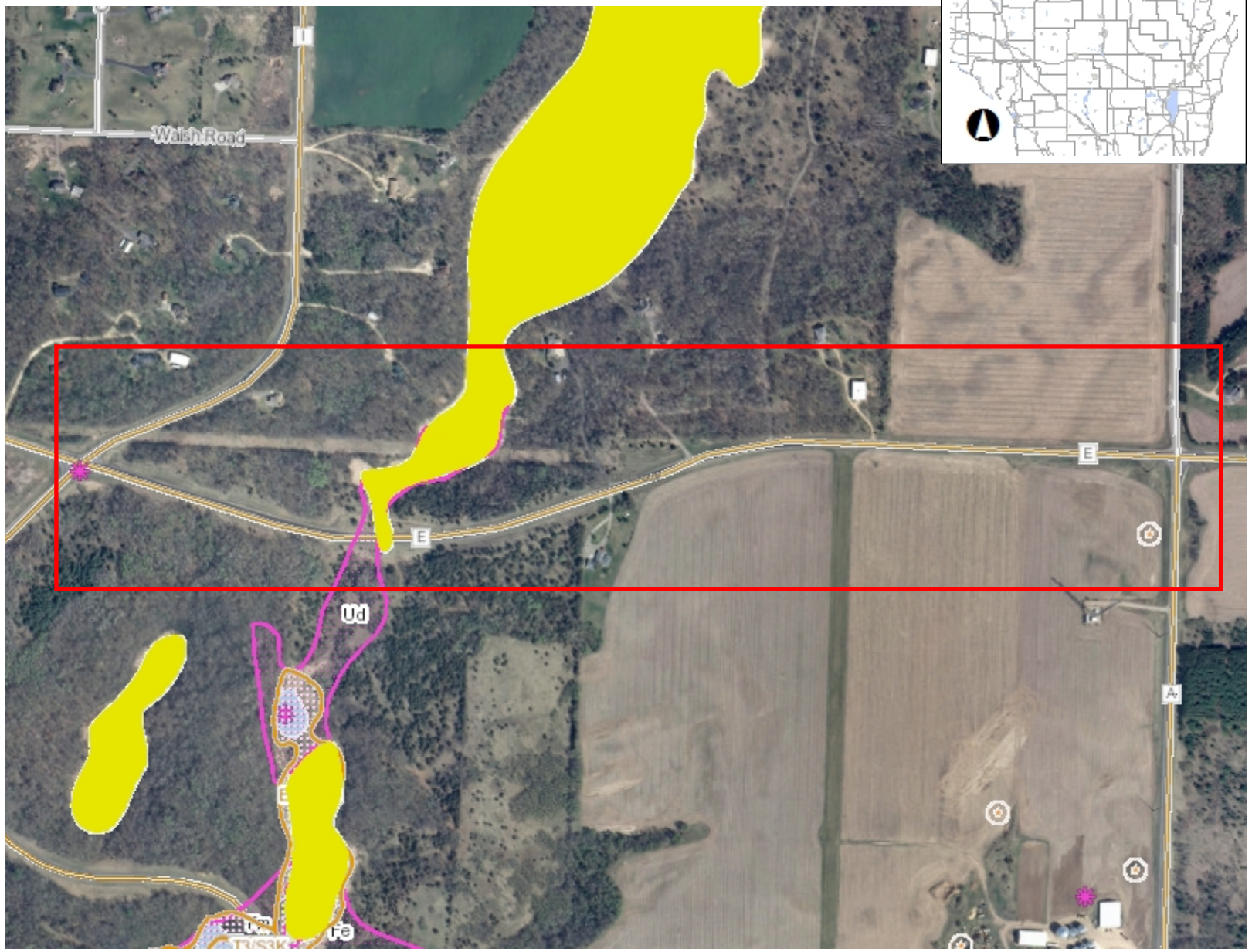
Surface Water Data Viewer Map



Legend

- Dams
  - Dams with FERC License
  - Dams
- PNW-ASNRI Sensitive Areas of Lakes
- PNW-ASNRI Wild and Scenic Rivers
- PNW-ASNRI Outstanding and Exceptional Streams
- PNW-ASNRI Trout Streams
- PNW-ASNRI Wild Rice Streams
- PNW-ASNRI Outstanding and Exceptional Lakes
- PNW-ASNRI Special Area Management Plan Streams
- PNW-ASNRI Special Wetlands Inventory Study Streams
- PNW-ASNRI Coastal Wisconsin Wetlands Streams
- PNW-ASNRI Special Area Management Plan Areas
- PNW-ASNRI Special Wetlands Inventory Study Areas
- PNW-ASNRI Coastal Wisconsin Wetlands Areas
- PNW-ASNRI Wild Rice Areas
- PNW-ASNRI Trout Spring Ponds
- PNW-ASNRI State Natural Areas
- PNW-PRF Other Public Rights Features
- PNW Musky Streams
- PNW Sturgeon Streams

Notes

0.3 0 0.13 0.3 Miles

NAD_1983_HARN_Wisconsin_TM

1: 7,920

Appendix D

Database Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*St. Croix CTH E* *Cth E (Between Instersections With Cth I And Cth A)* *St. Croix County WI*
Project No:	*41-0738.01*
Report Type:	*Screen Report Plus*
Order No:	*20170407067*
Requested by:	*Ayres Associates*
Date Completed:	*April 18, 2017*

Environmental Risk Information Services
A division of Glacier Media Inc.
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E: info@erisinfo.com

www.erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*St. Croix CTH E* *Cth E (Between Instersections With Cth I And Cth A) St. Croix County WI*
Project No:	*41-0738.01*

Coordinates:

Latitude:	*45.035086*
Longitude:	*-92.657849*
UTM Northing:	*4,986,905.00*
UTM Easting:	*526,950.24*
UTM Zone:	*UTM Zone 15T*

Elevation: *926 FT*

Order Information:

Order No:	*20170407067*
Date Requested:	*April 7, 2017*
Requested by:	*Ayres Associates*
Report Type:	*Screen Report Plus*

Historicals/Products:

Aerial Photographs	*Historical Aerials*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 0.250mi	Total
Standard Environmental Records				
Federal				
NPL	Y	0	0	0
PROPOSED NPL	Y	0	0	0
DELETED NPL	Y	0	0	0
SEMS	Y	0	0	0
SEMS ARCHIVE	Y	0	0	0
CERCLIS	Y	0	0	0
CERCLIS NFRAP	Y	0	0	0
CERCLIS LIENS	Y	0	0	0
RCRA CORRACTS	Y	0	0	0
RCRA TSD	Y	0	0	0
RCRA LQG	Y	0	0	0
RCRA SQG	Y	0	0	0
RCRA CESQG	Y	0	0	0
RCRA NON GEN	Y	0	0	0
FED ENG	Y	0	0	0
FED INST	Y	0	0	0
ERNS 1982 TO 1986	Y	0	0	0
ERNS 1987 TO 1989	Y	0	0	0
ERNS	Y	0	0	0
FED BROWNFIELDS	Y	0	0	0
FEMA UST	Y	0	0	0
State				
SHWS	Y	0	0	0
SWF/LF	Y	0	0	0
WDS	Y	0	0	0
SHWIMS	Y	0	0	0
LUST	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
LAST	Y	0	0	0
UST	Y	0	1	1
AST	Y	0	0	0
DEL STORAGE TANK	Y	0	0	0
DELISTED TANK	Y	0	0	0
CRS	Y	0	0	0
AUL	Y	0	0	0
VCP	Y	0	0	0
BEAP	Y	0	0	0
BROWNFIELDS	Y	0	0	0
ERP	Y	0	0	0
Tribal				
INDIAN LUST	Y	0	0	0
INDIAN UST	Y	0	0	0
DELISTED ILST	Y	0	0	0
DELISTED IUST	Y	0	0	0
County	***No County standard environmental record sources available for this State.***			
Additional Environmental Records				
Federal				
FINDS/FRS	Y	1	1	2
TRIS	Y	0	0	0
HMIRS	Y	0	0	0
NCDL	Y	0	0	0
ODI	Y	0	0	0
IODI	Y	0	0	0
TSCA	Y	0	0	0
HIST TSCA	Y	0	0	0
FTTS ADMIN	Y	0	0	0
FTTS INSP	Y	0	0	0
PRP	Y	0	0	0
SCRD DRYCLEANER	Y	0	0	0
ICIS	Y	0	0	0
FED DRYCLEANERS	Y	0	0	0
DELISTED FED DRY	Y	0	0	0
FUDS	Y	0	0	0
MLTS	Y	0	0	0
HIST MLTS	Y	0	0	0
MINES	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
ALT FUELS	Y	0	0	0
SSTS	Y	0	0	0
PCB	Y	0	0	0
State				
SPILLS	Y	0	0	0
AGSPILLS	Y	0	0	0
BRRTS	Y	0	0	0
AG SPILL REMED	Y	0	0	0
DELISTED BRRT	Y	0	0	0
DRYCLEANERS	Y	0	0	0
Tribal	***No Tribal additional environmental record sources available for this State.***			
County	***No County additional environmental record sources available for this State.***			
Total:		*1*	*2*	*3*

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	PATRICK C COLLOVA	705 COUNTY ROAD E HUDSON WI 54016	-	0.00 / 0.00	-14	13

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	UST		784 COUNTY RD E HUDSON WI 54016	E	0.05 / 279.56	19	13
			Site ID: 795124 ***Reg Object ID*** **|** ***Tank Status*** **|** ***Tank Status Dt:*** 1447846 | Closed/Removed | 2010-08-05 00:00:00.0				
3	FINDS/FRS	BEER	UNKNOWN HUDSON WI 00000	SSE	0.22 / 1,144.32	0	14

Executive Summary: Summary by Data Source

Standard

State

UST - Underground Storage Tanks

A search of the UST database, dated Oct 14, 2016 has found that there are 1 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	784 COUNTY RD E HUDSON WI 54016	E	0.05 / 279.56	2

***Site ID**: 795124*
***Reg Object ID** | **Tank Status** | **Tank Status Dt**: 1447846 | Closed/Removed | 2010-08-05 00:00:00.0*

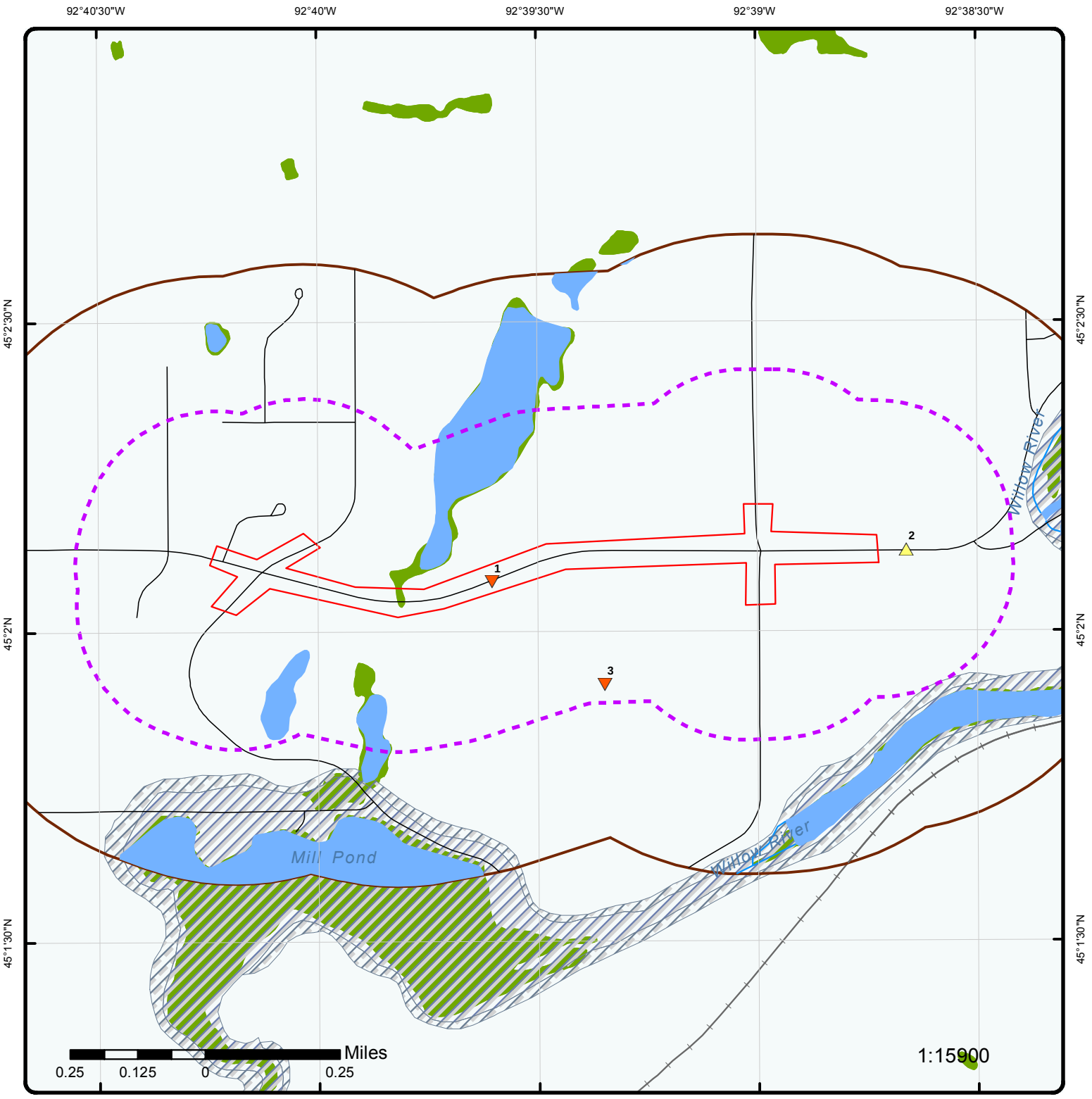
Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Oct 13, 2016 has found that there are 2 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PATRICK C COLLOVA	705 COUNTY ROAD E HUDSON WI 54016	-	0.00 / 0.00	1
BEER	UNKNOWN HUDSON WI 00000	SSE	0.22 / 1,144.32	3



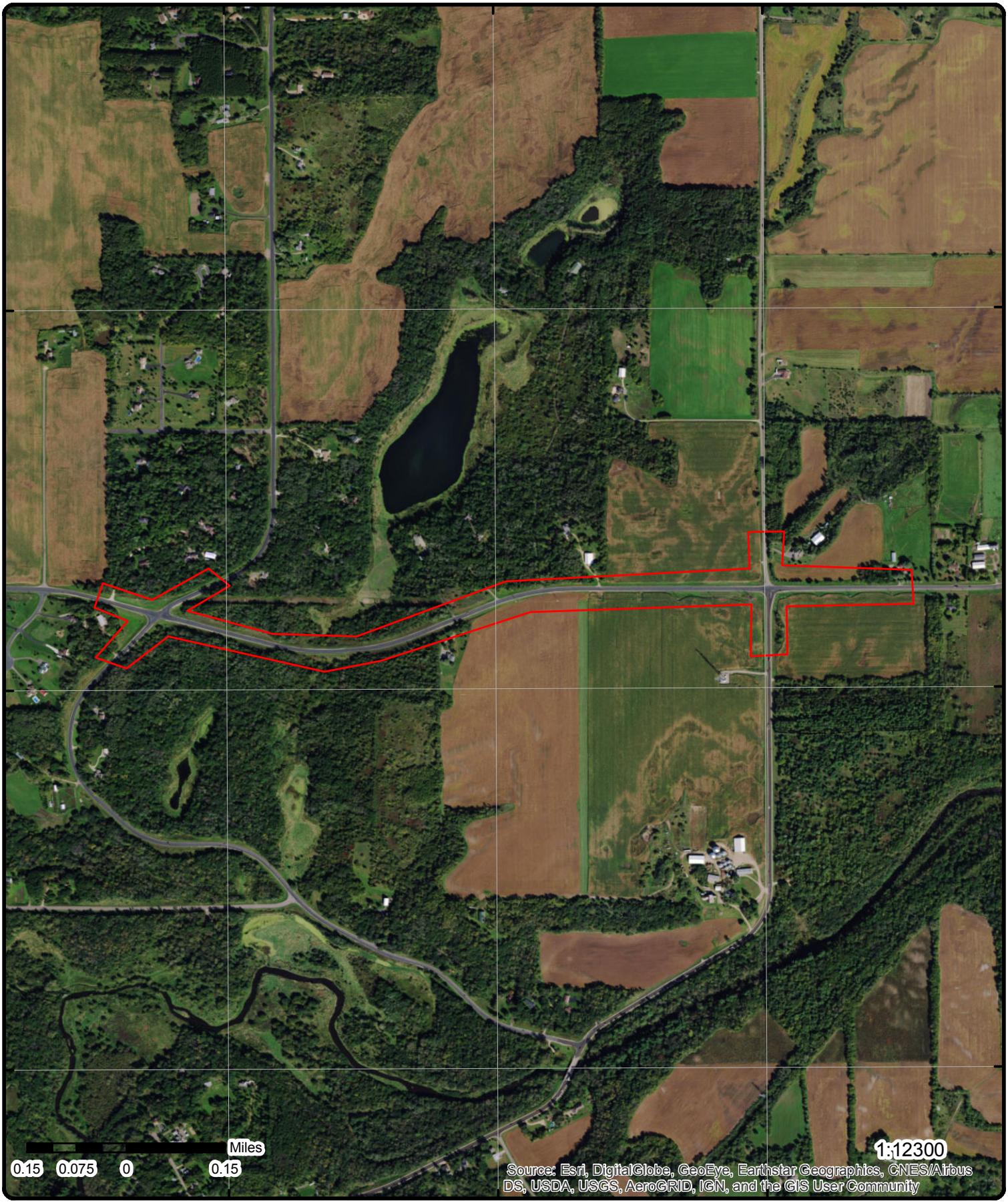
Map : 0.25 Mile Radius

Order No: 20170407067

Address: Cth E (Between Instersections With Cth I And Cth A), St. Croix County, WI

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)



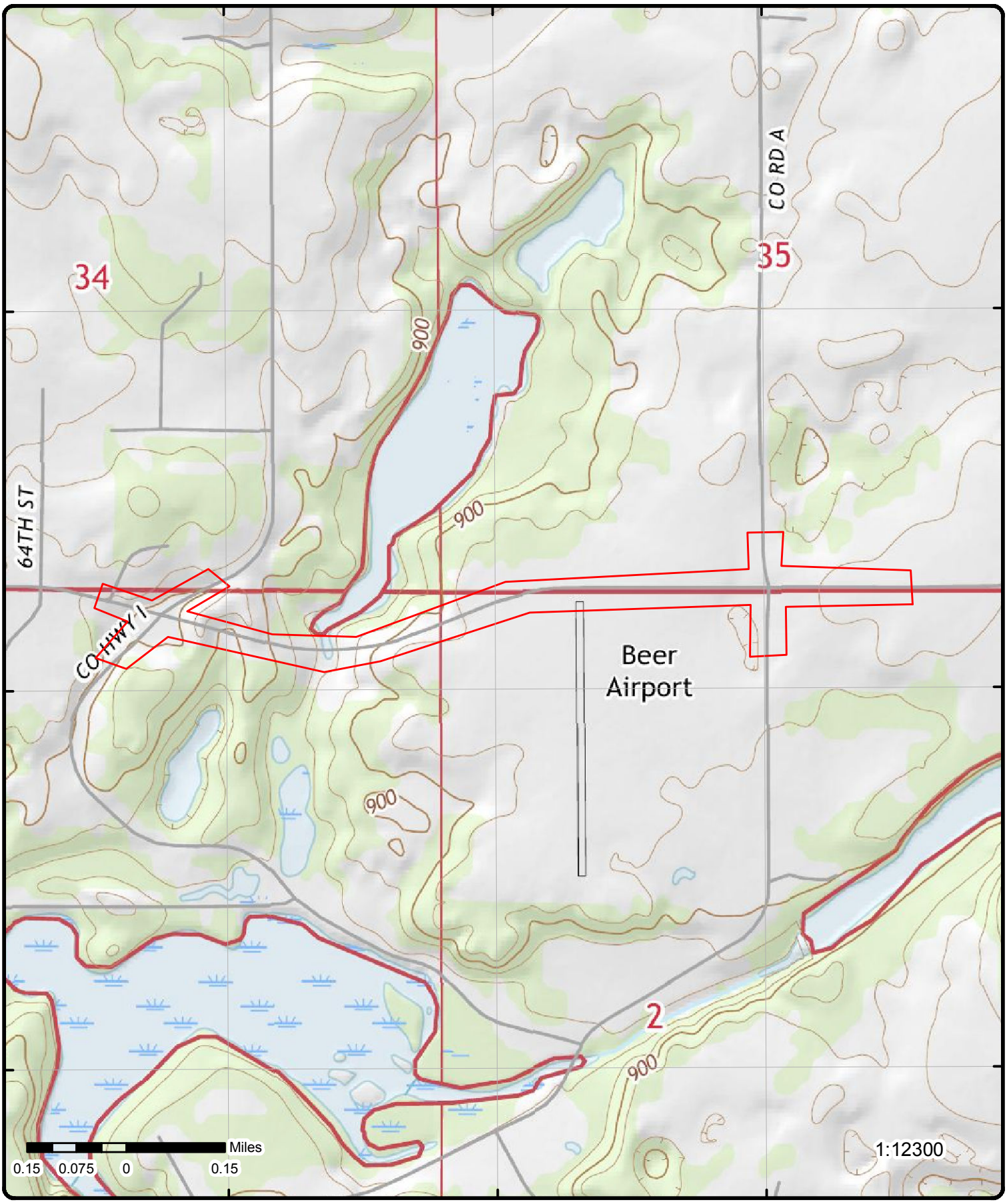
Aerial

Order No: 20170407067

Address: Cth E (Between Instersections With Cth I And Cth A), St. Croi

Source: ESRI World Imagery

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Order No: 20170407067

Address: Cth E (Between Instersections With Cth I And Cth A), St. Croi

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
1	1 of 1	-	0.00 / 0.00	912.01	PATRICK C COLLOVA 705 COUNTY ROAD E HUDSON WI 54016	FINDS/FRS

Registry ID: 110068795254
FIPS Code:
Program Acronyms: MN-TEMPO
HUC Code: 07030005
Site Type Name: STATIONARY
EPA Region Code: 05
Conveyor: FRS-GEOCODE
Source:
County Name: ST. CROIX COUNTY
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
Federal Facility Code:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No: 03
Create Date: 02-JUN-2016 23:45:04
Census Block Code: 551091204003084
Update Date:
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude: 45.034923
Longitude: -92.659398
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Interest Types: STATE MASTER
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110068795254

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
2	1 of 1	E	0.05 / 279.56	945.84	784 COUNTY RD E HUDSON WI 54016	UST

Site ID: 795124
Object Type: UST
Municipality Type: T
Municipality Name: SAINT JOSEPH
Land Owner Type: Private
Fire Dept Name: St Joseph
County: 55
Fire Dept ID: 5505

--Details--
Reg Object ID: 1447846
Tank Status: Closed/Removed
Tank Contents: Fuel Oil
Tank Status Dt: 2010-08-05 00:00:00.0
Wang Object ID:
Gallons: 560
Wall Size:
Occupancy Type Desc: Residential
Federally Regulated UST: N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Marketer:	No
Cust ID:	1266791
Owner:	DAVID R BROWN
Owner Address:	784 COUNTY RD E
Owner PO Box:	
Owner City:	HUDSON
Owner State:	WI
Owner Zip:	54016
Building Name:	DAVID BROWN
Building Address:	784 COUNTY RD E
Building City:	HUDSON
Building Zip:	54016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
3	1 of 1	SSE	0.22 / 1,144.32	925.96	BEER UNKNOWN HUDSON WI 00000	FINDS/FRS

Registry ID:	110041405636
FIPS Code:	55109
Program Acronyms:	EIS
HUC Code:	07030005
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	EIS
Source:	
County Name:	ST. CROIX
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	03
Create Date:	06-JUL-2010 17:39:57
Census Block Code:	551091204003084
Update Date:	14-APR-2015 18:12:39
Location Description:	AIRPORT
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	45.0319
Longitude:	-92.6558
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Reference Point:	FACILITY CENTROID
Interest Types:	AIR MINOR
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110041405636

Unplottable Summary

Total: 46 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
AGSPILLS	CNW RAILROAD	COUNTY ROAD A	HUDSON WI	54016	813106016
AST		1297 COUNTY HIGHWAY V N	SAINT JOSEPH WI	54082	812897670
BRRTS	SNUG HARBOR INN	W585 WISCONSIN PKWY	RICHMOND WI	53115	813430219
CRS	KELLY FAMILY TRUST PROPERTY	Sw Corner Badlands & Kelly Rd	Hudson WI		858106619
ERNS		INTERSECTION OF COUNTY TRUNK HWY I AND STATE TRUNK HWY 4	SOMERSET WI		807102179
FINDS/FRS	WI DNR WILLOW RIVER NATURE CENTER	1034 CO HWY A	HUDSON WI	54016	815848732
FINDS/FRS	WICHELMAN RAY	COUNTY UU EAST	HUDSON WI	54016	815849484
FINDS/FRS	NOR LAKE INC	COUNTY U & HIGHWAY 1 PLANT 3	HUDSON WI	54016	857871327
FINDS/FRS	BENJAMIN A HOYT	382 COUNTY ROAD MM	HUDSON WI	54022	858015704
FINDS/FRS	DURO BAG CO	COUNTY ROAD A	HUDSON WI	54016	858025953
FINDS/FRS	ST CROIX COUNTY HWY DEPT	680 CO RD U	HUDSON WI	54016	815848083
FINDS/FRS	HUDSON CITY OF WATERTOWER	8TH ST AND WISCONSIN AVE	HUDSON WI	54016	815845970

FINDS/FRS	WI DNR WILLOW RIVER ENTRANCE BUILDING	1034 CO RD A	HUDSON WI	54016	815848038
FINDS/FRS	REDEEMER LUTHERAN CHURCH	1097 SCOTT RD	HUDSON WI	54016	815846717
FINDS/FRS	BOB & STEVES BP AMOCO 17	1103 CO HWY A	HUDSON WI	54016	815843213
FINDS/FRS	BEER RICHARD	1150 CO RD A	HUDSON WI	54016	815843910
HMIRS		1917 CONLEE ROAD	HUDSON WI	54016	818193072
RCRA CESQG	BEER RICHARD	1150 CO RD A	HUDSON WI	54016	810849657
RCRA CESQG	WILLOW RIVER STATE PARK	1034 COUNTY TRUNK A	HUDSON WI	54016	810850245
RCRA CESQG	NSPW APPLE RIVER HYDRO	CO RD I	SOMERSET WI	54025	810852831
RCRA CESQG	NOR LAKE INC PLT 3	891 CO RD U	HUDSON WI	54016	810852901
RCRA NON GEN	HUDSON CITY OF WATERTOWER	8TH ST AND WISCONSIN AVE	HUDSON WI	54016	810210278
RCRA NON GEN	WICHELMAN RAY	COUNTY UU EAST	HUDSON WI	54016	810188845
RCRA NON GEN	ST CROIX COUNTY HWY DEPT	680 CO RD U	HUDSON WI	54016	810187831
SHWIMS	HUDSON CTY WATER TOWER	8TH ST & WISCONSIN	HUDSON WI	54016	812768795
SHWIMS	ST CROIX CNTY	680 COUNTY RD	HUDSON WI	54016	812789465

SHWIMS	INTERNATIONAL PAPER	2811 COFER ROAD	RICHMOND WI		859527954
SPILLS	RIVARD QUARRY	302 OLD SCOUT CAMP RD	SOMERSET WI		822149854
SPILLS	STH 35 AND WISCONSIN ST	STH 35 AND WISCONSIN ST	HUDSON WI		848664754
SPILLS	COULEE RD & 13TH ST	COULEE RD & 13TH ST	HUDSON WI		822129540
SPILLS	HWY BB & LINCOLN RD, NE CNR	CTH BB & LINCOLN RD, NE CNR	HUDSON WI		822139287
SPILLS	WISCONSIN ST & 1ST ST	WISCONSIN ST & 1ST ST	HUDSON WI		822125254
UST		50 COUNTY RD E	SAINT JOSEPH WI	54082	812877917
UST		417 COUTNY ROAD UU	HUDSON WI	54016	812886713
UST		821 CONLEE TR	HUDSON WI	54016	812836451
UST		680 COUNTY U	HUDSON WI	54016	812847856
UST		669 COUNTY N	HUDSON WI	54016	812868951
UST		415 COUNTY UU	HUDSON WI	54016	812871593
UST		W8139 COUNTY HWY A	RICHMOND WI	54166	812883708
UST		1103 COUNTY ROAD A	BURKHARDT WI	54016	812893841
UST		131 COUNTY RD E	SAINT JOSEPH WI	54082	848865815

UST	S COVE RD	HUDSON WI	54016	812809128
UST	1405 COUNTY V	SAINT JOSEPH WI	54082	812863041
UST	2237 COUNTY I N	SOMERSET WI	54025	812888780
UST	314 COUNTY RD E	SAINT JOSEPH WI	54082	812864981
UST	402 COUNTY TRK UU	HUDSON WI	54016	812868407

Unplottable Report

Site: ***CNW RAILROAD***
COUNTY ROAD A HUDSON WI 54016

AGSPILLS

Case ID:	95409051702	***Activity Date:***	5/17/1995
Spill No:	95-14	***Status Date:***	6/13/1995
Status:	Closed Spill Cases	***Latitude:***	
Premise ID:	005109	***Longitude:***	

--Details--

Product Name:	POTASH (0-0-60)
Quantity:	7000
Units:	LB

Site:
1297 COUNTY HIGHWAY V N SAINT JOSEPH WI 54082

AST

Site ID:	677102	***Land Owner Type:***	Private
Object Type:	AST	***Fire Dept Name:***	St Joseph
Municipality Type:	T	***County:***	55
Municipality Name:	SAINT JOSEPH	***Fire Dept ID:***	5505

--Details--

Reg Object ID:	907885
Tank Status:	In Use
Tank Contents:	Unleaded Gasoline
Tank Status Dt:	
Wang Object ID:	
Gallons:	550
Wall Size:	Double
Occupancy Type Desc:	Mercantile/Commercial
Federally Regulated UST?:	
Marketer?:	NO
Cust ID:	936706
Owner:	NORTH CREEK CO LLP
Owner Address:	369 E KELLOGG BLVD
Owner PO Box:	
Owner City:	ST PAUL
Owner State:	MN
Owner Zip:	55101
Building Name:	WHITE EAGLE GOLF CLUB
Building Address:	1297 COUNTY HWY V N
Building City:	SAINT JOSEPH
Building Zip:	54082

Reg Object ID:	907879
Tank Status:	In Use
Tank Contents:	Diesel
Tank Status Dt:	
Wang Object ID:	
Gallons:	550
Wall Size:	Double
Occupancy Type Desc:	Mercantile/Commercial
Federally Regulated UST?:	
Marketer?:	NO
Cust ID:	936706
Owner:	NORTH CREEK CO LLP
Owner Address:	369 E KELLOGG BLVD

Owner PO Box:
Owner City: ST PAUL
Owner State: MN
Owner Zip: 55101
Building Name: WHITE EAGLE GOLF CLUB
Building Address: 1297 COUNTY HWY V N
Building City: SAINT JOSEPH
Building Zip: 54082

Site: ***SNUG HARBOR INN***
W585 WISCONSIN PKWY RICHMOND WI 53115

BRRTS

Site ID: 8351100
County: WALWORTH
County Code: 65
Region: SOUTHEAST

Facility Activity Information

Detail Seq No: 295218
Act Code: 390
Activity Type: NO RR ACTION REQUIRED
Status CD: N
Status: NAR
Dcom No: NONE
Comm Occurrence ID: NONE
EPA CERCLIS ID:
FID:
Activity Name: SNUG HARBOR INN
Activity No: 0965295218
Activity Display No: 09-65-295218
Start Date: 1990-11-23
End Date:
Last Action: 1990-11-23
Activity Detail Address:
Activity Comments: UST CLOSURE - NO SITE INVESTIGATION REQUIRED.

Risk Code: N/A
Acres: UNKNOWN
Acres 100: Yes
Juris: DNR RR
NPL Flag: No
DCOM DB Track Flag: No
PECFA Eligible Flag: No
AST Flag: No
Drycleaner Flag: No
Co Contam Flag: No
PLSS: ? 1/4 of the ? 1/4 of Sec ?, T?N, R??
Geo Located Flag: No
GIS Registry Flag: No
GIS Area Point Flag:
LL Lat Dd Amt:
LL Long Dd Amt:

Action Information

Action Date: 11/23/1990
Action Code: 33
Action Name: Tank Closure Environmental Site Assessment Rpt Received
Action Desc: Date that the DNR received an Environmental Site Assessment of a tank system (above-ground or underground) for tank closure or change in services which usually includes sample results.
Action Comment:

Action Date: 11/23/1990
Action Code: 800
Action Name: UST/AST Closure
Action Desc: [OBSOLETE] No site investigation required. UST/AST storage tank closure report recieved by DNR prior to July 1, 2002.
Action Comment:

Action Date: 11/23/1990
Action Code: 1
Action Name: Notification
Action Desc: Date the DNR is notified of the discovery of potential contamination which was later found to be non-existent or below reportable quantity.
Action Comment:

WHO Information

Org Flag: No
Role Desc: DNR File Contact
Full Name: WENDY WEIHEMULLER
Address 1: 3911 FISH HATCHERY ROAD
Address 2:
State Abbr: WI
Postal Code: 53711
Composite Address: FITCHBURG, WI 53711
Country Name: UNITED STATES
Email: wendy.weihemuller@wisconsin.gov

City: FITCHBURG

Site: ***KELLY FAMILY TRUST PROPERTY***
Sw Corner Badlands & Kelly Rd Hudson WI

CRS

Detail Sequence No:	559275	***WTM 91 X AMT:***	310090.0001
Act Code:	330	***WTM 91 Y AMT:***	503905.9999
Activity Detail No:	0256559275	***Latitude:***	-92.6622745
Start Date:	08/17/2012	***Longitude:***	44.9775608
End Date:	04/10/2013	***Rgstry IMS Disp Flag:***	NO
Plss Desc:	NENE2729N19W	***Facility ID No:***	

Site:
INTERSECTION OF COUNTY TRUNK HWY I AND STATE TRUNK HWY 4 SOMERSET WI

ERNS

NRC Report No:	741841	***Direction From City:***	
Type of Incident:	PIPELINE	***Lat Quad:***	
Incident Cause:	OPERATOR ERROR	***Long Quad:***	
Incident Date:	11/18/2004 2:10:00 PM	***Location Section:***	
Incident Location:	INTERSECTION OF COUNTY TRUNK HWY I AND STATE TRUNK HWY 4	***Location Township:***	
Incident Dtg:	OCCURRED	***Location Range:***	
Distance From City:		***Potential Flag:***	
Distance Units:		***Year:***	Calendar Year 2004

Description of Incident: HWY CONTRACTOR STRUCK A 3 INCH POLYETHYLENE PLASTIC PIPELINE CAUSING A FIRE AND A RELEASE OF NATURAL GAS. NO FATALITIES OR INJURIES. THE FIRE CREATED DAMAGE TO AN OVERPASS POSSIBLY EXCEEDING $50,000.

Material Spill Information

Chris Code:	ONG	***Name of Material:***	NATURAL GAS
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Amount of Material:	0	***Unit Reach Water:***	
Unit of Measure:	UNKNOWN AMOUNT		

Calls Information

Date Time Received:	11/18/2004 10:59:26 PM	***Responsible City:***	LAZCROSSE
Date Time Complete:	11/18/2004 11:08:37 PM	***Responsible State:***	WI
Call Type:	INC	***Responsible Zip:***	
Responsible Company:	MIDWEST NATURAL GAS	***On Behalf of:***	
Responsible ORG Type:	PUBLIC UTILITY	***Source:***	TELEPHONE

Incidents Information

Aircraft Type:
Aircraft Model:
Aircraft ID:
Aircraft Fuel Capacity:
Aircraft Fuel Capacity Units:
Aircraft Fuel on Board:
Aircraft Fuel OB Units:
Aircraft Spot No:
Aircraft Hanger:
Aircraft Runway No:
Road Mile Marker:
Building ID:
Type of Fixed Object:
Power Generating Facility: U
Generating Capacity:
Type of Fuel:
NPDES:

NPDES Compliance: U
Pipeline Type: DISTRIBUTION
DOT Regulated: Y
Pipeline Above Ground: BELOW
Exposed Underwater: N
Pipeline Covered: U
Railroad Hotline:
Grade Crossing: N
Location Subdivision:
Railroad Milepost:
Type Vehicle Involved:
Crossing Device Type:
Device Operational: Y
Dot Crossing No:
Brake Failure: N
Description of Tank:
Tank Above Ground: ABOVE
Transportable Container: U
Tank Regulated: U
Tank Regulated By:
Tank ID:
Capacity of Tank:
Capacity of Tank Units:
Actual Amount:
Actual Amount Units:
Platform Rig Name:
Platform Letter:
Location Area ID:
Location Block ID:
OCSG No:
OCSG No:
State Lease No:
Pier Dock No:
Berth Slip No:
Continuous Release Type:
Initial Cont Release No:
Continuous Release Permit:
Allision: N
Type of Structure:
Structure Name:
Structure Operational: U
Airbag Deployed:
Date Time Normal Service:
Service Disruption Time:
Service Disruption Units:
Transit Bus Flag:
CR Begin Date:
CR End Date:
CR Change Date:
FBI Contact:
FBI Contact Date Time:
Sub Part C Testing Req: XXX
Conductor Testing:
Engineer Testing:
Trainman Testing:
Yard Foreman Testing:
RCL Operator Testing:
Brakeman Testing:
Train Dispatcher Testing:
Signalman Testing:
Other Employee Testing:
Unknown Testing:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX

Incident Details Information

Fire Involved: Y

Fire Extinguished:	Y
Any Evacuations:	N
Number Evacuated:	
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	N
No. Injured:	
No. Hospitalized:	
Any Fatalities:	N
No. Fatalities:	
Any Damages:	Y
Damage Amount:	50000
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Closed:	N
Waterway Desc:	
Waterway Closure Time:	
Road Closed:	Y
Road Desc:	COUNTY TRUNK HWY I
Road Closure Time:	0.5
Closure Direction:	
Major Artery:	No
Track Closed:	N
Track Desc:	
Track Closure Time:	
Media Interest:	NONE
Medium Desc:	OTHER
Additional Medium Info:	
Body of Water:	
Tributary of:	
Nearest River Mile Maker:	
Release Secured:	U
Est Duration of Release:	20
Release Rate:	
Desc Remedial Action:	LINE SHUT-IN/ FIRE EXTINGUISHED
State Agency on Scene:	FIRE DEPT/ POLICE
State Agency Report No:	NONE
Other Agency Notified:	
Weather Conditions:	OVERCAST
Air Temperature:	
Wind Speed:	
Wind Direction:	
Water Supply Contaminated:	U
Sheen Size:	
Sheen Color:	
Direction of Sheen Travel:	
Sheen Odor Description:	
Wave Condition:	
Current Speed:	
Current Direction:	
Water Temperature:	
Track Close Dir:	
EMPL Fatality:	
Pass Fatality:	
Community Impact:	N
Wind Speed Unit:	
Employee Injuries:	
Passenger Injuries:	
Occupant Fatality:	
Current Speed Unit:	
Road Closure Units:	
Track Closure Units:	
Sheen Size Units:	
Additional Info:	PRESSURE IN PIPELINE WAS 55 PSI AND BLEW FOR ABOUT 15-20 MINUTES.
State Agency Notified:	PUBLIC SERVICE COMMISSION
Federal Agency Notified:	
Nearest River Mile Marker:	
Sheen Size Length:	
Sheen Size Length Units:	

Sheen Size Width:
Sheen Size Width Units:
Offshore: N
Duration Unit: MINUTE
Release Rate Unit:
Release Rate Rate:
Passengers Transferred: UNK

Site: ***WI DNR WILLOW RIVER NATURE CENTER***
1034 CO HWY A HUDSON WI 54016

FINDS/FRS

Registry ID: 110016872482
FIPS Code: 55109
Program Acronyms: WI-ESR
HUC Code:
Site Type Name: STATIONARY
EPA Region Code: 05
Conveyor:
Source:
County Name: ST. CROIX
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
Federal Facility Code:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No:
Create Date: 03-MAR-2004 17:41:31
Census Block Code:
Update Date: 30-NOV-2010 14:05:53
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude:
Longitude:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Reference Point:
Interest Types: STATE MASTER
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110016872482

Site: ***WICHELMAN RAY***
COUNTY UU EAST HUDSON WI 54016

FINDS/FRS

Registry ID: 110008239664
FIPS Code: 55109
Program Acronyms: RCRAINFO
HUC Code:
Site Type Name: STATIONARY
EPA Region Code: 05
Conveyor:
Source:
County Name: ST CROIX
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
Federal Facility Code:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No:
Create Date: 01-MAR-2000 00:00:00
Census Block Code:
Update Date: 09-AUG-2010 14:23:36

Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude:
Longitude:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Reference Point:
Interest Types: UNSPECIFIED UNIVERSE
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008239664

Site: ***NOR LAKE INC***
COUNTY U & HIGHWAY 1 PLANT 3 HUDSON WI 54016 FINDS/FRS

Registry ID: 110067944862
FIPS Code:
Program Acronyms: MN-TEMPO
HUC Code:
Site Type Name: STATIONARY
EPA Region Code: 05
Conveyor:
Source:
County Name: ST. CROIX COUNTY
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
Federal Facility Code:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No:
Create Date: 02-JUN-2016 17:13:04
Census Block Code:
Update Date:
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude:
Longitude:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Reference Point:
Interest Types: STATE MASTER
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110067944862

Site: ***BENJAMIN A HOYT***
382 COUNTY ROAD MM HUDSON WI 54022 FINDS/FRS

Registry ID: 110068075987
FIPS Code:
Program Acronyms: MN-TEMPO
HUC Code: 07030005
Site Type Name: STATIONARY
EPA Region Code: 05
Conveyor: FRS-GEOCODE
Source:
County Name: ST. CROIX COUNTY
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
Federal Facility Code:
NAICS Code Descriptions:

Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	03
Create Date:	02-JUN-2016 18:08:01
Census Block Code:	551091209033046
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	44.8797
Longitude:	-92.72585
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110068075987

Site: ***DURO BAG CO***
COUNTY ROAD A HUDSON WI 54016

FINDS/FRS

Registry ID:	110067803023
FIPS Code:	
Program Acronyms:	MN-TEMPO
HUC Code:	
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	
Source:	
County Name:	ST. CROIX COUNTY
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	
Create Date:	02-JUN-2016 16:40:57
Census Block Code:	
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	
Longitude:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Reference Point:	
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110067803023

Site: ***ST CROIX COUNTY HWY DEPT***
680 CO RD U HUDSON WI 54016

FINDS/FRS

Registry ID:	110005416601
FIPS Code:	55109
Program Acronyms:	RCRAINFO
HUC Code:	
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	
Source:	

County Name:	ST CROIX
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	
Create Date:	01-MAR-2000 00:00:00
Census Block Code:	
Update Date:	29-DEC-2014 10:59:32
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	
Longitude:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Reference Point:	
Interest Types:	UNSPECIFIED UNIVERSE
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005416601

Site: ***HUDSON CITY OF WATERTOWER***
8TH ST AND WISCONSIN AVE HUDSON WI 54016

FINDS/FRS

Registry ID:	110007868806
FIPS Code:	55109
Program Acronyms:	RCRAINFO
HUC Code:	07030005
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	FRS-GEOCODE
Source:	
County Name:	ST CROIX
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	03
Create Date:	01-MAR-2000 00:00:00
Census Block Code:	551091202012019
Update Date:	27-JAN-2012 04:41:51
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	44.97276
Longitude:	-92.74775
Coord Collection Method:	ADDRESS MATCHING-NEAREST INTERSECTION
Accuracy Value:	200
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	UNSPECIFIED UNIVERSE
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007868806

Site: ***WI DNR WILLOW RIVER ENTRANCE BUILDING***
1034 CO RD A HUDSON WI 54016

FINDS/FRS

Registry ID:	110039086716
FIPS Code:	

Program Acronyms:	WI-ESR
HUC Code:	
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	
Source:	
County Name:	ST. CROIX
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	
Create Date:	05-AUG-2009 13:53:08
Census Block Code:	
Update Date:	29-DEC-2014 20:53:57
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	
Longitude:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Reference Point:	
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110039086716

Site: ***REDEEMER LUTHERAN CHURCH***
1097 SCOTT RD HUDSON WI 54016

FINDS/FRS

Registry ID:	110044907964
FIPS Code:	55109
Program Acronyms:	WI-ESR
HUC Code:	07030005
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	FRS-GEOCODE
Source:	
County Name:	ST. CROIX
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	03
Create Date:	28-FEB-2012 10:48:58
Census Block Code:	551091204004052
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	45.02123
Longitude:	-92.66522
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110044907964

Site: ***BOB & STEVES BP AMOCO 17***
1103 CO HWY A HUDSON WI 54016

FINDS/FRS

Registry ID:	110016869664
FIPS Code:	55109
Program Acronyms:	WI-ESR
HUC Code:	
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	
Source:	
County Name:	ST. CROIX
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	
Create Date:	03-MAR-2004 17:37:10
Census Block Code:	
Update Date:	21-DEC-2011 14:24:01
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	
Longitude:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Reference Point:	
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110016869664

Site: ***BEER RICHARD***
1150 CO RD A HUDSON WI 54016

FINDS/FRS

Registry ID:	110005458110
FIPS Code:	55109
Program Acronyms:	RCRAINFO
HUC Code:	
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	
Source:	
County Name:	ST CROIX
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	
Create Date:	01-MAR-2000 00:00:00
Census Block Code:	
Update Date:	27-JAN-2012 04:15:53
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	
Longitude:	
Coord Collection Method:	
Accuracy Value:	

Datum:	NAD83
Reference Point:	
Interest Types:	CESQG
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005458110

Site:

1917 CONLEE ROAD HUDSON WI 54016

HMIRS

Report No:	I-2012100531	***Fed DOT Rep NO:***	
NRC No:		***Incident Cnty:***	SAINT CROIX
Date of Incident:	10/02/2012	***Incident Occrrnce:***	
Time of Incident:	0730		
Fed DOT Agency Name:			
Report Type:	A hazardous material incident		
Description of Events:	DRIVER WAS PUMPING AND FITTING CAME OFF PUMP. DRIVER SHUT DOWN AND CALLED FIRE DEPT. THEY PUT DOWN FLOOR DRY. WE CALLED ENVIRO CO. TO DO CLEAN UP		
Recom Actions Taken:	EARS ON HOSE NEED TO BE TIED CLOSED.		

HMIR Incident Reports

Haz Class Code:	3	***Inc Multiple Rows:***	No
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	***Report Submit Src:***	Paper
Commodity Name:	DIESEL FUEL	***Inc Non US State:***	
Commodity Name:	DIESEL FUEL	***Mode Transport:***	Highway
Trade Name:	HS UTLY DF2 DYED	***Transport Phase:***	UNLOADING
ID Number:	NA1993	***Carrier Reporter:***	WAYNE TRANSPORTS INC.
Haz Waste Ind:	No	***CR Street Name:***	14345 CONLEY AVE
Haz Waste EPA NO:		***CR City:***	ROSEMOUNT
HMIS Tox Inhalation?:	No	***CR State:***	MN
TIH Hazard Zone:		***CR Postal Code:***	55068-4441
Packing Group:	III	***CR Non US State:***	
Qty Released:	100	***CR Country:***	US
Unit Of Measure:	LGA	***CR Fed DOT ID:***	166179
Mat Ship Approval?:	No	***CRr Hazmat Reg ID:***	051603009024LN
Mat Ship Approv NO:		***Shipper Name:***	HARTLAND FUEL PRODUCTS
Undecl Hazmat Ship?:	No	***Shipper Street:***	1530 GREENVIEW DR SW
Packaging Type:	Cargo Tank Motor Vehicle (CTMV)	***Shipper City:***	ROCHESTER
What Failed:		***Shipper State:***	MN
What Failed Desc:		***Shipper Postal:***	55902-4286
How Failed Code:		***Shipper Non US St:***	
How Failed Desc:		***Shipper Country:***	US
Failure Cause Code:		***Shipper Waybill:***	675322
Failure Cause Desc:		***Ship Hazmat Reg ID:***	
Ident. Markings:	DOT 406	***Origin City:***	SAINT PAUL
Cont1 Pkging Type:		***Origin State:***	MINNESOTA
Cont1 Const Mat:		***Origin Postal:***	55113
Cont1 Head Type:		***Origin Non US St:***	
Cont1 Pkg Capacity:		***Origin Country:***	US
C1 Capacity UOM:		***Destination City:***	HUDSON
Cont1 Pkg Amt:		***Destination State:***	WISCONSIN
C1 Pkg Amt UOM:		***Destination Postal:***	54016
Cont1 Pkg Number:		***Destination Non US:***	
C1 Pkg NO Failed:		***Destination Country:***	US
Cont1 Pkg Mnfctr:		***Cont2 Package Type:***	
Cont1 Pkg Mnfct Dt:		***Cont2 Const Mat:***	
Cont1 Pkg Serial NO:		***Cont2 Pkg Capacity:***	
C1 Pkg Last Test Dt:		***Cont2 Capacity UOM:***	
C1 Test Const Mat:		***Cont2 Pkg Amount:***	
C1 Pkg Dsign Pres.:		***Cont2 Pkg Amt UOM:***	
C1 Dsign Press UOM:		***Cont2 Pkg Number:***	
C1 Pkg Shell Thick:		***Cont2 Pkg NO Failed:***	
C1 Shell Thick UOM:		***RAM Pkg Category:***	
C1 Head Thickness:		***RAM Pkg Cert.:***	FALSE
C1 Head Thick UOM:		***RAM Pkg Cert. Nbr:***	
C1 Pkg Srvc Pres.:		***RAM Nuclide S:***	
C1 Srvc Press UOM:		***RAM Transport Index:***	
C1 Valve/Device Fail?:	No	***RAM UOM:***	
C1 Device Type:		***RAM Activity Rpted:***	

C1 Device Mnfctr:		***RAM UOM Rpted:***	
C1 Device Model:			
Environment Damage:	No	***RAM Activity:***	0
Remediation Cost:	0	***RAM Activity UOM:***	
In House Cleanup:	No	***RAM Mat Safety:***	
Other Cleanup:	Yes	***Damage > 500:***	Yes
Spillage Result:	Yes	***Material Loss:***	300
Fire Result:	No	***Carrier Damage:***	0
Explosion Result:	No	***Property Damage:***	0
Water Sewer Result:	No	***Damage Old Form:***	0
Gas Dispersion:	No	***Total Damages Amt:***	5300
No Release Result:	No	***Response Cost:***	5000
Fire EMS Report:	Yes	***Material Involved:***	No
Fire EMS EMS Report:		***Estimated Speed:***	0
Police Report:	No	***Weather Conditions:***	
Police Report NO:		***Vehicle Overturn:***	No
Inc. Report Prepared:	Carrier	***Vehicle Left Roadway:***	No
Contact Name:	JERRY L. JARVIS	***Passenger Aircraft:***	No
Contact Title:	SAFETY DIRECTOR	***Cargo Baggage:***	
Contact Business:	WAYNE TRANSPORTS INC.	***Ship Non Transport:***	No
Contact Street:	14345 CONLEY AVE	***Ship Air First Flight:***	No
Contact City:	ROSEMOUNT	***Ship Air Subflight:***	No
Contact State:	MN	***Ship Init Transport:***	No
Contact Postal:	55068	***Ship Phase Transfer:***	No
Contact Non US St:		***HMIS Serious Incidnt:***	No
Contact Country:	US	***HMIS Serious Fatality:***	No
Hazmat Fatality:	No	***HMIS Serious Injury:***	No
Haz Fatal Employees:	0	***HMIS Flight Plan:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Evacs:***	No
Haz Fatal Gen Public:	0	***HMIS Major Artery:***	No
Tot Hazmat Fatalities:	0	***HMIS Bulk Release:***	No
Non Hazmat Fatality:	No	***HMIS Marine Pollutnt:***	No
Non Hazmat Fatals:	0	***HMIS Radioactive:***	No
Hazmat Injury:	No	***HMIS Gen Pkg Type:***	OHMIR.Ref_Container.descr_txt
Haz Hospital Empl:	0	***HMIS Container Code:***	DOT 406
Haz Hospital Resp:	0	***HMIS Container Desc:***	cargo tanks
Haz Hosp Gen Public:	0	***HMIS Bulk Incident:***	Yes
Haz Hosp Old Form:	0	***Undeclared Shipment:***	No
Total Haz Hosp Inj:	0	***Evacuation Indicator:***	No
Haz Non Hosp Empl:	0	***Public Evacuated:***	0
Haz Non Hosp Resp:	0	***Employees Evac'd:***	0
Haz NonHosp Public:	0	***Total Evacuated:***	0
Haz NonHosp Old:	0	***Total Evacuation Hrs:***	0
Tot Haz Non Hosp Inj:	0	***Major Artery Closed:***	No
Total Hazmat Injuries:	0	***Mjr Artery Hrs Closed:***	0

Site: ***BEER RICHARD***
1150 CO RD A HUDSON WI 54016

RCRA CESQG

County Name:	ST CROIX
County Code:	WI109
EPA Handler ID:	WID981787757
Current Site Name:	BEER RICHARD
Generator Status Universe:	Conditionally Exempt Small Quantity Generator
Land Type:	Private
Activity Location:	WI
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	

Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 1150 CO RD A, HUDSON, WI, 54016,
Contact Name: RICHARD BEER
Contact Address: 1150 CO RD A, HUDSON, WI, 54016, US
Contact Email:
Location Street 2:

-- --
Owner/Operator Information
-- --
Owner/Operator Indicator: CO
Owner/Operator Name: BEER RICHARD
Owner/Operator Address: 1150 CO RD B HUDSON WI 54016
Owner/Operator Phone: 7153862282
Owner/Operator Type: P
Date Became Current:
Date Ended Current:
-- --
Owner/Operator Indicator: CP
Owner/Operator Name: NAME NOT REPORTED
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:
-- --
Handler Information
-- --
Date Received: 19860805
Facility Name: BEER RICHARD
Classification: Conditionally Exempt Small Quantity
-- --
Hazardous Waste Information
-- --
Waste Code: D000
Waste: DESCRIPTION
Waste Code Active Status: No
BR Waste Code Active Status: No
-- --
Waste Code: D001
Waste: IGNITABLE WASTE
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --

Site: ***WILLOW RIVER STATE PARK***
1034 COUNTY TRUNK A HUDSON WI 54016

RCRA CESQG

County Name: ST CROIX
County Code: WI109
EPA Handler ID: WID988602579
Current Site Name: WILLOW RIVER STATE PARK
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Land Type: State
Activity Location: WI
TSD Activity: No
Mixed Waste Generator: No
Importer Activity: No
Transporter Activity: No
Transfer Facility: No
Recycler Activity: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Inject Activity: No
Rece Waste From Off Site: No
Used Oil Transporter:

Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 101 S WEBSTER, MADISON, WI, 53707,
Contact Name: MARK KUBLER
Contact Address: 101 S WEBSTER, MADISON, WI, 53707, US
Contact Email:
Location Street 2:

-- --
Owner/Operator Information
-- --
Owner/Operator Indicator: CO
Owner/Operator Name: WIDNR
Owner/Operator Address: 101 S WEBSTER MADISON WI 53707
Owner/Operator Phone: 7153865931
Owner/Operator Type: S
Date Became Current:
Date Ended Current:
-- --
Handler Information
-- --
Date Received: 19910826
Facility Name: WILLOW RIVER STATE PARK
Classification: Conditionally Exempt Small Quantity
-- --
Hazardous Waste Information
-- --
Waste Code: D001
Waste: IGNITABLE WASTE
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --

Site: ***NSPW APPLE RIVER HYDRO***
CO RD I SOMERSET WI 54025

RCRA CESQG

County Name: ST CROIX
County Code: WI109
EPA Handler ID: WI0000593848
Current Site Name: NSPW APPLE RIVER HYDRO
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Land Type: Private
Activity Location: WI
TSD Activity: No
Mixed Waste Generator: No
Importer Activity: No
Transporter Activity: No
Transfer Facility: No
Recycler Activity: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Inject Activity: No
Rece Waste From Off Site: No
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: PO BOX 189, SOMERSET, WI, 54025,
Contact Name: LEROY WILDER
Contact Address: 100 N BARSTOW ST, EAU CLAIRE, WI, 54701, US
Contact Email:
Location Street 2:

--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	NORTHERN STATES POWER CO NSP
Owner/Operator Address:	100 N BARSTOW ST EAU CLAIRE WI 54701
Owner/Operator Phone:	7158392691
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	19940816
Facility Name:	NSPW APPLE RIVER HYDRO
Classification:	Conditionally Exempt Small Quantity
--	--
Hazardous Waste Information	
--	--
Waste Code:	D000
Waste:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

Site: ***NOR LAKE INC PLT 3***
891 CO RD U HUDSON WI 54016

RCRA CESQG

County Name:	ST CROIX
County Code:	WI109
EPA Handler ID:	WID980994636
Current Site Name:	NOR LAKE INC PLT 3
Generator Status Universe:	Conditionally Exempt Small Quantity Generator
Land Type:	Private
Activity Location:	WI
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	891 CO RD U, HUDSON, WI, 54016, US
Contact Name:	MIKE CLEVELAND
Contact Address:	PO BOX 248, HUDSON, WI, 54016, US
Contact Email:	
Location Street 2:	

--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	NAME NOT REPORTED
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NAME NOT REPORTED
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	19840918
Facility Name:	NOR LAKE INC PLT 3
Classification:	Large Quantity Generator
--	--
Date Received:	20070331
Facility Name:	NOR LAKE INC PLT 3
Classification:	Conditionally Exempt Small Quantity
--	--
Date Received:	19941122
Facility Name:	NOR LAKE INC PLT 3
Classification:	Small Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	D000
Waste:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No
--	--
Waste Code:	F002
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F005
Waste:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U080
Waste:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U220
Waste:	BENZENE, METHYL- (OR) TOLUENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

Waste Code:	U226
Waste:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U228
Waste:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Violation/Evaluation Information	
--	--
Evaluation Start Date:	19940928
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19940928
Actual Return to Compliance Date:	19950106
Violation Responsible Agency:	S
Enforcement Action Date:	19941006
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19940928
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19940928
Actual Return to Compliance Date:	19941007
Violation Responsible Agency:	S
Enforcement Action Date:	19941006
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19940928
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - Records/Reporting
Violation Determined Date:	19940928
Actual Return to Compliance Date:	19941022
Violation Responsible Agency:	S
Enforcement Action Date:	19941006
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--

Site: ***HUDSON CITY OF WATERTOWER***
8TH ST AND WISCONSIN AVE HUDSON WI 54016

RCRA NON GEN

County Name:	ST CROIX

County Code:	WI109
EPA Handler ID:	WIR000037887
Current Site Name:	HUDSON CITY OF WATERTOWER
Generator Status Universe:	
Land Type:	Municipal
Activity Location:	WI
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	505 3RD ST, HUDSON, WI, 54016, US
Contact Name:	DENNY CHRISTOFERSON
Contact Address:	505 3RD ST, HUDSON, WI, 54016, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	CITY OF HUDSON
Owner/Operator Address:	505 3RD ST HUDSON WI 54016
Owner/Operator Phone:	7153864760
Owner/Operator Type:	M
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	20110128
Facility Name:	HUDSON CITY OF WATERTOWER
--	--
Date Received:	19981105
Facility Name:	HUDSON CITY OF WATERTOWER
Classification:	Conditionally Exempt Small Quantity
--	--

Site: ***WICHELMAN RAY***
COUNTY UU EAST HUDSON WI 54016

RCRA NON GEN

County Name:	ST CROIX
County Code:	WI109
EPA Handler ID:	WID982066953
Current Site Name:	WICHELMAN RAY
Generator Status Universe:	
Land Type:	Private
Activity Location:	WI
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No

Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	COUNTY UU E, HUDSON, WI, 54016, US
Contact Name:	RAYMOND WICHELMAN
Contact Address:	COUNTY UU E, HUDSON, WI, 54016, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NAME NOT REPORTED
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	WICHELMAN RAYMOND
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	20080421
Facility Name:	WICHELMAN RAY
--	--
Date Received:	19870514
Facility Name:	WICHELMAN RAY
Classification:	Small Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	D000
Waste:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

Site: ***ST CROIX COUNTY HWY DEPT***
680 CO RD U HUDSON WI 54016

RCRA NON GEN

County Name:	ST CROIX
County Code:	WI109
EPA Handler ID:	WI0000815407
Current Site Name:	ST CROIX COUNTY HWY DEPT
Generator Status Universe:	
Land Type:	County
Activity Location:	WI
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No

Transfer Facility: No
Recycler Activity: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Inject Activity: No
Rece Waste From Off Site: No
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 1101 CARMICHAEL RD, HUDSON, WI, 54016, US
Contact Name: GEORGE HAYDUCSKO
Contact Address: 1101 CARMICHAEL RD, HUDSON, WI, 54016, US
Contact Email:
Location Street 2:

-- --
Owner/Operator Information
-- --
Owner/Operator Indicator: CO
Owner/Operator Name: ST CROIX COUNTY
Owner/Operator Address: 1101 CARMICHAEL RD HUDSON WI 54016
Owner/Operator Phone: 7153864623
Owner/Operator Type: C
Date Became Current:
Date Ended Current:
-- --
Handler Information
-- --
Date Received: 20080418
Facility Name: ST CROIX COUNTY HWY DEPT
-- --
Date Received: 19940921
Facility Name: ST CROIX COUNTY HWY DEPT
Classification: Small Quantity Generator
-- --
Hazardous Waste Information
-- --
Waste Code: D000
Waste: DESCRIPTION
Waste Code Active Status: No
BR Waste Code Active Status: No
-- --
Waste Code: D001
Waste: IGNITABLE WASTE
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: D002
Waste: CORROSIVE WASTE
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: F001
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: F002
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,

	TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F004
Waste:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F005
Waste:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F008
Waste:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P012
Waste:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U036
Waste:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U061
Waste:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U232
Waste:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No
--	--
Waste Code:	U233
Waste:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No
--	--

Site: ***HUDSON CTY WATER TOWER***
8TH ST & WISCONSIN HUDSON WI 54016

SHWIMS

Site ID:	7013000	***Fac Loc Addr:***	8TH ST & WISCONSIN
Fac Status:	O	***Fac Loc City:***	HUDSON
Facility FID:	656087960	***Fac Loc State:***	WI
Sw St Ownshp Tp:	M	***Fac Loc Zip Code:***	54016
Sw St Lat/Lon Mtd:		***Fac Mail Addr:***	505 3RD ST
Sw Site Acres Amt:		***Fac Mail City:***	HUDSON
Sw St FIPS County:	109	***Fac Mail State:***	WI
Sw Site Last Updt:	12/2/1998	***Fac Mail Zip Code:***	54016
Sw Site Loc Addr:	CORNER OF 8TH ST & WISCONSIN	***Sw Site Q Nsctn:***	
Sw Site Loc City:	HUDSON	***Sw Site Qq Nsctn:***	
Sw Site Lat Degree:		***Sw Site Q Section:***	
Sw Site Lat Minute:		***Sw Site Qq Section:***	
Sw Site Lat Sec:		***Sw Site Range:***	
Sw Site Long Deg:		***Sw Site Owner Nm:***	CITY OF HUDSON
Sw Site Long Min:		***Sw Site Srvy Rng:***	
Sw Site Long Sec:		***Sw Site Rng Ndir:***	
Sw St Lat/Lon Dtm:		***Sw Site Srvy Sctn:***	
Sw St Lat/Lon Acc:		***Sw St Srv Twnshp:***	
Sw Site Ovrflw Flg:		***Sw St St Pln Coord:***	

Facility Activity Information

Activity Code:	204	***Monitoring Req Flag:***	
Activity Name:	HW Generator - 1x UST Removal-OBSOLETE CODE	***License Flag:***	
License No:		***HW Annual Flag:***	No
Activity Status:	I	***SW Annual Flag:***	No
License Status:		***Short Name:***	HW GEN UST
Fee Flag:	No		

Wastes Handled Information

Activity Code:	204	***Status Code:***	I
Activity Name:	HW Generator - 1x UST Removal-OBSOLETE CODE	***License Flag:***	
License Number:		***HW Annual Flag:***	No
Waste Code:	D000	***SW Annual Flag:***	No
Waste Description:	NON-LISTED TOXIC WASTES	***Short Name:***	HW GEN UST
Haz Waste Flag:	Y		
Activity Code:	204	***Status Code:***	A
Activity Name:	HW Generator - 1x UST Removal-OBSOLETE CODE	***License Flag:***	
License Number:		***HW Annual Flag:***	No
Waste Code:	D007	***SW Annual Flag:***	No
Waste Description:	CHROMIUM	***Short Name:***	HW GEN UST
Haz Waste Flag:	Y		

Contact Information

Activity Code:	204	***Phone Ext:***	
Last Name:	DENNY CHRISTOPH	***Street:***	505 3RD ST
Middle Initial:		***City:***	HUDSON
First Name:	ERSEN	***State:***	WI
Mail Name:	ERSEN DENNY WATER DEPT	***Zip:***	54016
Phone:	7153864760		

Owner Information

Name:	CITY OF HUDSON	***Zip:***	54016
Street:	505 3RD ST	***Owner Type:***	
City:	HUDSON	***Owner Start Date:***	

State:	WI	***Owner End Date:***	

Site: ***ST CROIX CNTY***
680 COUNTY RD HUDSON WI 54016

SHWIMS

Site ID:	2901200	***Fac Loc Addr:***	680 COUNTY RD
Fac Status:	O	***Fac Loc City:***	HUDSON
Facility FID:	656070030	***Fac Loc State:***	WI
Sw St Ownshp Tp:	C	***Fac Loc Zip Code:***	54016
Sw St Lat/Lon Mtd:		***Fac Mail Addr:***	1101 CARMICHAEL RD
Sw Site Acres Amt:		***Fac Mail City:***	HUDSON
Sw St FIPS County:		***Fac Mail State:***	WI
Sw Site Last Updt:	10/27/1994	***Fac Mail Zip Code:***	54016
Sw Site Loc Addr:	680 COUNTY RD	***Sw Site Q Nsctn:***	
Sw Site Loc City:	HUDSON	***Sw Site Qq Nsctn:***	
Sw Site Lat Degree:		***Sw Site Q Section:***	
Sw Site Lat Minute:		***Sw Site Qq Section:***	
Sw Site Lat Sec:		***Sw Site Range:***	
Sw Site Long Deg:		***Sw Site Owner Nm:***	ST CROIX COUNTY
Sw Site Long Min:		***Sw Site Srvy Rng:***	
Sw Site Long Sec:		***Sw Site Rng Ndir:***	
Sw St Lat/Lon Dtm:		***Sw Site Srvy Sctn:***	
Sw St Lat/Lon Acc:		***Sw St Srv Twnshp:***	
Sw Site Ovrflw Flg:		***Sw St St Pln Coord:***	

Facility Activity Information

Activity Code:	202	***Monitoring Req Flag:***	
Activity Name:	HW Generator - Small	***License Flag:***	
License No:		***HW Annual Flag:***	Yes
Activity Status:	I	***SW Annual Flag:***	
License Status:		***Short Name:***	SQG
Fee Flag:	No		

Wastes Handled Information

Activity Code:	202	***Status Code:***	I
Activity Name:	HW Generator - Small	***License Flag:***	
License Number:		***HW Annual Flag:***	Yes
Waste Code:	D000	***SW Annual Flag:***	
Waste Description:	NON-LISTED TOXIC WASTES	***Short Name:***	SQG
Haz Waste Flag:	Y		

Activity Code:	202	***Status Code:***	A
Activity Name:	HW Generator - Small	***License Flag:***	
License Number:		***HW Annual Flag:***	Yes
Waste Code:	D001	***SW Annual Flag:***	
Waste Description:	NON-LISTED IGNITABLE WASTES	***Short Name:***	SQG
Haz Waste Flag:	Y		

Activity Code:	202	***Status Code:***	A
Activity Name:	HW Generator - Small	***License Flag:***	
License Number:		***HW Annual Flag:***	Yes
Waste Code:	D002	***SW Annual Flag:***	
Waste Description:	NON-LISTED CORROSIVE WASTES	***Short Name:***	SQG
Haz Waste Flag:	Y		

Activity Code:	202	***Status Code:***	A
Activity Name:	HW Generator - Small	***License Flag:***	
License Number:		***HW Annual Flag:***	Yes
Waste Code:	F001	***SW Annual Flag:***	
Waste Description:	SPENT HALO SOLVENTS USED IN DEGREASING	***Short Name:***	SQG
Haz Waste Flag:	Y		

Activity Code:	202	***Status Code:***	A
Activity Name:	HW Generator - Small	***License Flag:***	
License Number:		***HW Annual Flag:***	Yes

Waste Code: F002
Waste Description: SPENT HALO SOLV
Haz Waste Flag: Y
SW Annual Flag:
Short Name: SQG

Activity Code: 202
Activity Name: HW Generator - Small
License Number:
Waste Code: F003
Waste Description: SPENT NON-HALOGENATED SOLV
Haz Waste Flag: Y
Status Code: A
License Flag:
HW Annual Flag: Yes
SW Annual Flag:
Short Name: SQG

Activity Code: 202
Activity Name: HW Generator - Small
License Number:
Waste Code: F004
Waste Description: SPENT NON-HALOGENATED SOLV
Haz Waste Flag: Y
Status Code: A
License Flag:
HW Annual Flag: Yes
SW Annual Flag:
Short Name: SQG

Activity Code: 202
Activity Name: HW Generator - Small
License Number:
Waste Code: F005
Waste Description: SPENT NON-HALOGENATED SOLV
Haz Waste Flag: Y
Status Code: A
License Flag:
HW Annual Flag: Yes
SW Annual Flag:
Short Name: SQG

Activity Code: 202
Activity Name: HW Generator - Small
License Number:
Waste Code: F008
Waste Description: RESIDUES FM BOTTOM OF BATH FM ELECTRPLTING OPER (CYANIDES
Haz Waste Flag: Y
Status Code: A
License Flag:
HW Annual Flag: Yes
SW Annual Flag:
Short Name: SQG

Activity Code: 202
Activity Name: HW Generator - Small
License Number:
Waste Code: P012
Waste Description: ARSENIC TRIOXIDE
Haz Waste Flag: Y
Status Code: A
License Flag:
HW Annual Flag: Yes
SW Annual Flag:
Short Name: SQG

Activity Code: 202
Activity Name: HW Generator - Small
License Number:
Waste Code: U036
Waste Description: CHLORDANE
Haz Waste Flag: Y
Status Code: A
License Flag:
HW Annual Flag: Yes
SW Annual Flag:
Short Name: SQG

Activity Code: 202
Activity Name: HW Generator - Small
License Number:
Waste Code: U061
Waste Description: DDT
Haz Waste Flag: Y
Status Code: A
License Flag:
HW Annual Flag: Yes
SW Annual Flag:
Short Name: SQG

Activity Code: 202
Activity Name: HW Generator - Small
License Number:
Waste Code: U232
Waste Description: 2,4,5-TRICHLOROPHENOXYACETIC ACID(2,4,5-T) (SEE FO27)
Haz Waste Flag: Y
Status Code: A
License Flag:
HW Annual Flag: Yes
SW Annual Flag:
Short Name: SQG

Activity Code: 202
Activity Name: HW Generator - Small
License Number:
Waste Code: U233
Waste Description: 2,4,5-TRICHLOROPHENOXYPROPIONIC ACID/SILVEX (SEE FO27)
Haz Waste Flag: Y
Status Code: A
License Flag:
HW Annual Flag: Yes
SW Annual Flag:
Short Name: SQG

Contact Information

Activity Code:	202	***Phone Ext:***	
Last Name:	HAYDUCSKO	***Street:***	1101 CARMICHAEL RD
Middle Initial:		***City:***	HUDSON
First Name:	GEORGE	***State:***	WI
Mail Name:	GEORGE HAYDUCSKO SW COORD	***Zip:***	54016
Phone:	7153864623		

Owner Information

Name:	ST CROIX COUNTY	***Zip:***	54016
Street:	1101 CARMICHAEL RD	***Owner Type:***	
City:	HUDSON	***Owner Start Date:***	
State:	WI	***Owner End Date:***	

Site: ***INTERNATIONAL PAPER***
2811 COFER ROAD RICHMOND WI

SHWIMS

Site ID:	9540300	***Fac Loc Addr:***	2811 COFER ROAD
Fac Status:	O	***Fac Loc City:***	RICHMOND
Facility FID:		***Fac Loc State:***	VA
Sw St Ownshp Tp:		***Fac Loc Zip Code:***	23234
Sw St Lat/Lon Mtd:		***Fac Mail Addr:***	2811 COFER ROAD
Sw Site Acres Amt:		***Fac Mail City:***	RICHMOND
Sw St FIPS County:		***Fac Mail State:***	VA
Sw Site Last Updt:		***Fac Mail Zip Code:***	23234
Sw Site Loc Addr:		***Sw Site Q Nsctn:***	
Sw Site Loc City:		***Sw Site Qq Nsctn:***	
Sw Site Lat Degree:		***Sw Site Q Section:***	
Sw Site Lat Minute:		***Sw Site Qq Section:***	
Sw Site Lat Sec:		***Sw Site Range:***	
Sw Site Long Deg:		***Sw Site Owner Nm:***	
Sw Site Long Min:		***Sw Site Srvy Rng:***	
Sw Site Long Sec:		***Sw Site Rng Ndir:***	
Sw St Lat/Lon Dtm:		***Sw Site Srvy Sctn:***	
Sw St Lat/Lon Acc:		***Sw St Srv Twnshp:***	
Sw Site Ovrflw Flg:		***Sw St St Pln Coord:***	

Facility Activity Information

Activity Code:	203	***Monitoring Req Flag:***	
Activity Name:	HW Generator - Very Small	***License Flag:***	
License No:		***HW Annual Flag:***	
Activity Status:	A	***SW Annual Flag:***	
License Status:		***Short Name:***	VSQG
Fee Flag:	No		

Site: ***RIVARD QUARRY***
302 OLD SCOUT CAMP RD SOMERSET WI

SPILLS

Site ID:	50011310	***Region:***	WEST CNTRL
County Code:	56	***County:***	ST. CROIX

Facility Activity Information

Detail Seq No:	552623	***Acres:***	UNKNOWN
Act Code:	350	***Acres 100:***	Yes
Activity Type:	SPILL	***Juris:***	DNR RR
FID:	NONE	***NPL Flag:***	No
Activity Name:	KRAEMER COMPANIES SPILL	***DCOM DB Track Flag:***	No
Activity No:	0456552623	***PECFA Eligible Flag:***	No
Activity Display No:	04-56-552623	***AST Flag:***	No
Start Date:	2008-04-30	***Drycleaner Flag:***	No
End Date:	2008-10-09	***Co-contam Flag:***	No
Status Cd:	C	***PLSS:***	? 1/4 of the ? 1/4 of Sec 12, T30N, R20W

Status: CLOSED
Last Action: 2008-10-13
DCOM No: NONE
Comm Occurrence ID: NONE
EPA CERCLIS ID:
Risk Code: N/A
Geo Located Flag: No
Gis Registry Flag: No
Gis Area Point Flag:
LL Lat Dd Amt:
LL Long Dd Amt:
Activity Detail Address: BEHIND RIVARD CUT STONE BUSINESS
Activity Comments: *** AUTO-POPULATED FROM SPILL SERTS SYSTEM. SPILL ID: 20080430WC56-1 ***

Action Information

Action Date: 4/30/2008
Action Code: 1
Action Desc: Date the Spill occurred or the date reported to DNR if actual date unknown.
Action Comment:
Action Name: Spill Incident Occurred

Action Date: 10/13/2008 1:36:04 PM
Action Code: 999
Action Desc: Date the QA/QC Review of this Spill Activity was completed.
Action Comment:
Action Name: Spills QA/QC Completed

Action Date: 4/30/2008
Action Code: 5
Action Desc: Date the DNR was notified of the Spill incident.
Action Comment:
Action Name: Spill Reported to DNR

Action Date: 10/9/2008
Action Code: 11
Action Desc: No further action; RP is not required to conduct NR716 investigation.
Action Comment:
Action Name: Spill Closed

Impacts Information

Impact Seq No: 558329
Impact Code: 05
Potential Flag: No
Impact Comment: Soil Contamination

Spill Details Information

Spill Seq No: 547455
Spill File No: 20080430WC56-1
Incident Time: 04/30/2008
Reported Time: 04/30/2008
Physical Char Code:
Physical Char Desc:
Physical Color:
Physical Odor:
Resource Damage Flag: N
DNR NOTIF Immediate Flag: No
DNR Investigator: T KENDZIERSKI
Spill Cause: TRANSMISSION OIL FROM A BULLDOZER
Spill Source Code: 29
Spill Source Desc: Quarry/Pit/Mine (Limestone or Other/Sand/Gravel Pits)
Spill Source Comment: Transportation Accident, Fuel Tank Spill
Resource Damage Comment:
Spill Comment: NOTIFICATION BY DIRECT PHONE CALL FROM KURT WEGNER TO T. KENDZIERSKI WDNR AT 15:47 ON 4/30/08.REVIEWED &AMP& CLOSED BY T AMMAN - 10/09/08

Spiller Actions Information

Spiller Action Code: 05
Spiller Action Desc: Waste Destination
Spiller Action Comment: LANDFILL DISPOSAL PENDING

Spiller Action Code: 09
Spiller Action Desc: Cleanup Method - Excavation
Spiller Action Comment:

Spiller Action Code: 07
Spiller Action Desc: Contractor Hired
Spiller Action Comment:

Substances Information

Substance Desc: Transmission Fluid
Spill Released Amt: 35
Spill Released Unit Code: Gal

WHO Information

Org Flag: No
Role Desc: Project Manager
Full Name: THOMAS KENDZIERSKI
Address 1: 1300 W CLAIREMONT AVE
Address 2: PO BOX 4001
City: EAU CLAIRE
State Abbr: WI
Postal Code: 54702-4001
Composite Address: EAU CLAIRE, WI 54702
Country Name: UNITED STATES
Email: thomas.kendzierski@wisconsin.gov

Site: ***STH 35 AND WISCONSIN ST***
STH 35 AND WISCONSIN ST HUDSON WI

SPILLS

Site ID: 50087840
County Code: 56
Region: WEST CNTRL
County: ST. CROIX

Facility Activity Information

Detail Seq No: 577154
Act Code: 350
Activity Type: SPILL
FID: NONE
Activity Name: Q3 CONTRACTING SPILL
Activity No: 0456577154
Activity Display No: 04-56-577154
Start Date: 2016-05-09
End Date: 2016-05-10
Status Cd: C
Status: CLOSED
Last Action: 2016-12-19
DCOM No: NONE
Comm Occurrence ID: NONE
EPA CERCLIS ID:
Risk Code: UNKNOWN
Activity Detail Address:
Activity Comments: *** AUTO-POPULATED FROM SERTS ID: 20160509WC56-2 ***
Acres: UNKNOWN
Acres 100: Yes
Juris: DNR RR
NPL Flag: No
DCOM DB Track Flag: No
PECFA Eligible Flag: No
AST Flag: No
Drycleaner Flag: No
Co-contam Flag: No
PLSS: SE 1/4 of the NW 1/4 of Sec 25, T29N, R20W
Geo Located Flag: Yes
Gis Registry Flag: No
Gis Area Point Flag: P
LL Lat Dd Amt: 44.97286970
LL Long Dd Amt: -92.75672750

Action Information

Action Date: 5/9/2016
Action Code: 5
Action Desc: Date the DNR was notified of the Spill incident.
Action Comment:
Action Name: Spill Reported to DNR

Action Date: 12/19/2016
Action Code: 999
Action Desc: Date the QA/QC Review of this Spill Activity was completed.
Action Comment:
Action Name: Spills QA/QC Completed

Action Date: 5/9/2016
Action Code: 1
Action Desc: Date the Spill occurred or the date reported to DNR if actual date unknown.
Action Comment:
Action Name: Spill Incident Occurred

Action Date: 5/10/2016
Action Code: 11
Action Desc: No further action; RP is not required to conduct NR716 investigation.
Action Name: Spill Closed

Action Comment:

Impacts Information

Impact Seq No:	580454	***Potential Flag:***	No
Impact Code:	13	***Impact Comment:***	Concrete/Asphalt

Spill Details Information

Spill Seq No:	554300
Spill File No:	
Incident Time:	05/09/2016
Reported Time:	05/09/2016
Physical Char Code:	
Physical Char Desc:	
Physical Color:	
Physical Odor:	
Resource Damage Flag:	N
DNR NOTIF Immediate Flag:	
DNR Investigator:	tom Kendzierski
Spill Cause:	ONE BACKHOE WAS INVOLVED IN ACCIDENT THAT CAUSED A RADIATOR LEAK.
Spill Source Code:	25
Spill Source Desc:	Roadway (Public Road/Highway/Street/Alley/ROW)
Spill Source Comment:	ONE BACKHOE WAS INVOLVED IN ACCIDENT THAT CAUSED A RADIATOR
Resource Damage Comment:	
Spill Comment:	

Spiller Actions Information

Spiller Action Code:	04
Spiller Action Desc:	Cleanup Method - Absorbent
Spiller Action Comment:	

Substances Information

Substance Desc:	Antifreeze
Spill Released Amt:	2
Spill Released Unit Code:	Cup

WHO Information

Org Flag:	No	***State Abbr:***	WI
Role Desc:	Project Manager	***Postal Code:***	54702-4001
Full Name:	THOMAS KENDZIERSKI	***Composite Address:***	EAU CLAIRE, WI 54702
Address 1:	1300 W CLAIREMONT AVE	***Country Name:***	UNITED STATES
Address 2:	PO BOX 4001	***Email:***	thomas.kendzierski@wisconsin.gov
City:	EAU CLAIRE		

Org Flag:	Yes	***State Abbr:***	MN
Role Desc:	Responsible Party	***Postal Code:***	55117
Full Name:	Q3 CONTRACTING INC	***Composite Address:***	LITTLE CANADA, MN 55117
Address 1:	3066 SPRUCE ST	***Country Name:***	UNITED STATES
Address 2:		***Email:***	NA
City:	LITTLE CANADA		

Site: ***COULEE RD & 13TH ST***
COULEE RD & 13TH ST HUDSON WI

SPILLS

Site ID:	6236200	***Region:***	WEST CNTRL
County Code:	56	***County:***	ST. CROIX

Facility Activity Information

Detail Seq No:	40686	***Acres:***	UNKNOWN

Act Code:	350	***Acres 100:***	Yes
Activity Type:	SPILL	***Juris:***	DNR RR
FID:	NONE	***NPL Flag:***	No
Activity Name:	COULEE RD & 13TH ST	***DCOM DB Track Flag:***	No
Activity No:	0456040686	***PECFA Eligible Flag:***	No
Activity Display No:	04-56-040686	***AST Flag:***	No
Start Date:	1985-11-02	***Drycleaner Flag:***	No
End Date:	2005-01-04	***Co-contam Flag:***	No
Status Cd:	C	***PLSS:***	? 1/4 of the ? 1/4 of Sec ?, T?N, R??
Status:	CLOSED	***Geo Located Flag:***	No
Last Action:	2005-01-04	***Gis Registry Flag:***	No
DCOM No:	NONE	***Gis Area Point Flag:***	
Comm Occurrence ID:	NONE	***LL Lat Dd Amt:***	
EPA CERCLIS ID:		***LL Long Dd Amt:***	
Risk Code:	N/A		
Activity Detail Address:			
Activity Comments:	OLD SPILL ID: 851102-01		

Action Information

Action Date:	1/4/2005	***Action Name:***	Spill Closed
Action Code:	11		
Action Desc:	No further action; RP is not required to conduct NR716 investigation.		
Action Comment:			

Action Date:	11/2/1985	***Action Name:***	Spill Reported to DNR
Action Code:	5		
Action Desc:	Date the DNR was notified of the Spill incident.		
Action Comment:			

Action Date:	11/2/1985	***Action Name:***	Spill Incident Occurred
Action Code:	1		
Action Desc:	Date the Spill occurred or the date reported to DNR if actual date unknown.		
Action Comment:	Auto populated via migration process		

Impacts Information

Impact Seq No:	148137	***Potential Flag:***	
Impact Code:	11	***Impact Comment:***	Storm Sewer Contamination

Spill Details Information

Spill Seq No:	40686
Spill File No:	
Incident Time:	11/02/1985
Reported Time:	
Physical Char Code:	
Physical Char Desc:	
Physical Color:	
Physical Odor:	
Resource Damage Flag:	
DNR NOTIF Immediate Flag:	
DNR Investigator:	S SCHNEIDER
Spill Cause:	OVER FILL TANKS
Spill Source Code:	06
Spill Source Desc:	Ag Coop/Fertilizer Plant/Farm Feed Store
Spill Source Comment:	
Resource Damage Comment:	
Spill Comment:	

Spiller Actions Information

Spiller Action Code:	03
Spiller Action Desc:	Monitor
Spiller Action Comment:	STORM SEWER

WHO Information

Org Flag:	No	***State Abbr:***	WI
Role Desc:	Project Manager	***Postal Code:***	54702-4001
Full Name:	THOMAS KENDZIERSKI	***Composite Address:***	EAU CLAIRE, WI 54702
Address 1:	1300 W CLAIREMONT AVE	***Country Name:***	UNITED STATES
Address 2:	PO BOX 4001	***Email:***	thomas.kendzierski@wisconsin.gov
City:	EAU CLAIRE		

Org Flag:	Yes	***State Abbr:***	
Role Desc:	Responsible Party	***Postal Code:***	
Full Name:	KLEMN TANK LINES	***Composite Address:***	,
Address 1:		***Country Name:***	
Address 2:		***Email:***	NA
City:			

Site: ***HWY BB & LINCOLN RD, NE CNR***
CTH BB & LINCOLN RD, NE CNR HUDSON WI

SPILLS

Site ID:	5343300	***Region:***	WEST CNTRL
County Code:	72	***County:***	WOOD

Facility Activity Information

Detail Seq No:	47129	***Acres:***	UNKNOWN
Act Code:	350	***Acres 100:***	Yes
Activity Type:	SPILL	***Juris:***	DNR RR
FID:	NONE	***NPL Flag:***	No
Activity Name:	HWY BB & LINCOLN RD, NE CNR [HISTORIC]	***DCOM DB Track Flag:***	No
Activity No:	0472047129	***PECFA Eligible Flag:***	No
Activity Display No:	04-72-047129	***AST Flag:***	No
Start Date:	1992-05-13	***Drycleaner Flag:***	No
End Date:		***Co-contam Flag:***	No
Status Cd:	H	***PLSS:***	? 1/4 of the ? 1/4 of Sec ?, T?N, R??
Status:	HISTORIC SPILL	***Geo Located Flag:***	No
Last Action:	1992-05-13	***Gis Registry Flag:***	No
DCOM No:	NONE	***Gis Area Point Flag:***	
Comm Occurrence ID:	NONE	***LL Lat Dd Amt:***	
EPA CERCLIS ID:		***LL Long Dd Amt:***	
Risk Code:	N/A		
Activity Detail Address:			
Activity Comments:	OLD SPILL ID: 920513-08 HISTORIC SPILL. FURTHER ACTION MAY NOT BE NECESSARY. PLEASE CONTACT DNR SPILL COORDINATOR IN WC REGION FOR FILE INFORMATION.		

Action Information

Action Date:	5/13/1992	***Action Name:***	Spill Reported to DNR
Action Code:	5		
Action Desc:	Date the DNR was notified of the Spill incident.		
Action Comment:			

Action Date:	5/13/1992	***Action Name:***	Spill Incident Occurred
Action Code:	1		
Action Desc:	Date the Spill occurred or the date reported to DNR if actual date unknown.		
Action Comment:	Auto populated via migration process		

Action Date:	5/13/1992	***Action Name:***	Historic Spill
Action Code:	777		
Action Desc:	This is a historic Spill Activity. Please contact DNR for file information.		
Action Comment:			

Impacts Information

Impact Seq No:	131813	***Potential Flag:***	
Impact Code:	05	***Impact Comment:***	Soil Contamination

Spill Details Information

Spill Seq No:	47129
Spill File No:	
Incident Time:	05/13/1992 11:30:00 PM
Reported Time:	
Physical Char Code:	
Physical Char Desc:	
Physical Color:	
Physical Odor:	
Resource Damage Flag:	
DNR NOTIF Immediate Flag:	Yes
DNR Investigator:	D MAXINOSKI
Spill Cause:	TRAFFIC ACCIDENT
Spill Source Code:	02
Spill Source Desc:	
Spill Source Comment:	
Resource Damage Comment:	
Spill Comment:	

Spiller Actions Information

Spiller Action Code:	04
Spiller Action Desc:	Cleanup Method - Absorbent
Spiller Action Comment:	SOIL

Substances Information

Substance Desc:	Diesel Fuel
Spill Released Amt:	10
Spill Released Unit Code:	G

WHO Information

Org Flag:	Yes	***State Abbr:***	WI
Role Desc:	Responsible Party	***Postal Code:***	54016
Full Name:	REFRIGERATED SERVICES INC	***Composite Address:***	HUDSON, WI 54016
Address 1:	106 BUCKEYE ST	***Country Name:***	UNITED STATES
Address 2:		***Email:***	NA
City:	HUDSON		

Org Flag:	No	***State Abbr:***	WI
Role Desc:	Project Manager	***Postal Code:***	54702-4001
Full Name:	THOMAS KENDZIERSKI	***Composite Address:***	EAU CLAIRE, WI 54702
Address 1:	1300 W CLAIREMONT AVE	***Country Name:***	UNITED STATES
Address 2:	PO BOX 4001	***Email:***	thomas.kendzierski@wisconsin.gov
City:	EAU CLAIRE		

Site: ***WISCONSIN ST & 1ST ST***
WISCONSIN ST & 1ST ST HUDSON WI

SPILLS

Site ID:	5777000	***Region:***	WEST CNTRL
County Code:	56	***County:***	ST. CROIX

Facility Activity Information

Detail Seq No:	51419	***Acres:***	UNKNOWN
Act Code:	350	***Acres 100:***	Yes
Activity Type:	SPILL	***Juris:***	DNR RR
FID:	NONE	***NPL Flag:***	No
Activity Name:	WISCONSIN ST & 1ST ST [HISTORIC SPILL]	***DCOM DB Track Flag:***	No
Activity No:	0456051419	***PECFA Eligible Flag:***	No
Activity Display No:	04-56-051419	***AST Flag:***	No
Start Date:	1995-12-13	***Drycleaner Flag:***	No
End Date:		***Co-contam Flag:***	No

Status Cd: H
Status: HISTORIC SPILL
Last Action: 1995-12-13
DCOM No: NONE
Comm Occurrence ID: NONE
EPA CERCLIS ID:
Risk Code: N/A
Activity Detail Address:
Activity Comments: OLD SPILL ID: 951213-05 HISTORIC SPILL. FURTHER ACTION MAY NOT BE NECESSARY. PLEASE CONTACT DNR SPILL COORDINATOR IN WC REGION FOR FILE INFORMATION.

PLSS: ? 1/4 of the ? 1/4 of Sec ?, T?N, R??
Geo Located Flag: No
Gis Registry Flag: No
Gis Area Point Flag:
LL Lat Dd Amt:
LL Long Dd Amt:

Action Information

Action Date: 12/13/1995
Action Code: 1
Action Desc: Date the Spill occurred or the date reported to DNR if actual date unknown.
Action Comment: Auto populated via migration process
Action Name: Spill Incident Occurred

Action Date: 12/13/1995
Action Code: 5
Action Desc: Date the DNR was notified of the Spill incident.
Action Comment:
Action Name: Spill Reported to DNR

Action Date: 12/13/1995
Action Code: 777
Action Desc: This is a historic Spill Activity. Please contact DNR for file information.
Action Comment:
Action Name: Historic Spill

Spill Details Information

Spill Seq No: 51419
Spill File No:
Incident Time: 12/13/1995 10:30:00 AM
Reported Time:
Physical Char Code:
Physical Char Desc:
Physical Color:
Physical Odor:
Resource Damage Flag:
DNR NOTIF Immediate Flag: No
DNR Investigator: D. HAUSMAN
Spill Cause: OVER FLOW
Spill Source Code: 01
Spill Source Desc: Food Factory/Food Warehouse/Canning Plant/Grocery Store
Spill Source Comment:
Resource Damage Comment:
Spill Comment:

Spiller Actions Information

Spiller Action Code: 04
Spiller Action Desc: Cleanup Method - Absorbent
Spiller Action Comment: CONTAINED/RECOVERED

Substances Information

Substance Desc: Diesel Fuel
Spill Released Amt: 30
Spill Released Unit Code: G

WHO Information

Org Flag: Yes
Role Desc: Responsible Party
Full Name: YOCUM OIL
Address 1: 2719 STILLWATER
State Abbr: MN
Postal Code: 55119
Composite Address: ST. PAUL MN, MN 55119
Country Name: UNITED STATES

Address 2:		***Email:***	NA
City:	ST. PAUL MN		
Org Flag:	No	***State Abbr:***	WI
Role Desc:	Project Manager	***Postal Code:***	54702-4001
Full Name:	THOMAS KENDZIERSKI	***Composite Address:***	EAU CLAIRE, WI 54702
Address 1:	1300 W CLAIREMONT AVE	***Country Name:***	UNITED STATES
Address 2:	PO BOX 4001	***Email:***	thomas.kendzierski@wisconsin.gov
City:	EAU CLAIRE		

Site:

50 COUNTY RD E SAINT JOSEPH WI 54082

UST

Site ID:	634645	***Land Owner Type:***	Private
Object Type:	UST	***Fire Dept Name:***	St Joseph
Municipality Type:	T	***County:***	55
Municipality Name:	SAINT JOSEPH	***Fire Dept ID:***	5505

--Details--

Reg Object ID:	807931
Tank Status:	Closed/Removed
Tank Contents:	Unleaded Gasoline
Tank Status Dt:	2001-06-26 00:00:00.0
Wang Object ID:	
Gallons:	1000
Wall Size:	
Occupancy Type Desc:	Mercantile/Commercial
Federally Regulated UST:	Y
Marketer:	No
Cust ID:	870525
Owner:	B & J CO INC
Owner Address:	W6566 WOODLAND PASS
Owner PO Box:	
Owner City:	ONALASKA
Owner State:	WI
Owner Zip:	54650
Building Name:	B & J CO INC
Building Address:	50 COUNTY RD E
Building City:	SAINT JOSEPH
Building Zip:	54082

Site:

417 COUTNY ROAD UU HUDSON WI 54016

UST

Site ID:	140016	***Land Owner Type:***	Private
Object Type:	UST	***Fire Dept Name:***	Hudson
Municipality Type:	C	***County:***	55
Municipality Name:	HUDSON	***Fire Dept ID:***	5507

--Details--

Reg Object ID:	338351
Tank Status:	Closed/Removed
Tank Contents:	Unknown
Tank Status Dt:	1991-09-01 00:00:00.0
Wang Object ID:	550700238
Gallons:	1111
Wall Size:	Single
Occupancy Type Desc:	Residential
Federally Regulated UST:	Y
Marketer:	No
Cust ID:	328051
Owner:	JOHN LASIUK
Owner Address:	417 COUNTY ROAD UU
Owner PO Box:	
Owner City:	HUDSON
Owner State:	WI

Owner Zip: 54016
Building Name: JOHN LASIUK
Building Address: 417 COUNTY ROAD UU
Building City: HUDSON
Building Zip: 54016

Reg Object ID: 338350
Tank Status: Abandoned without Product
Tank Contents: Empty
Tank Status Dt: 1111-01-01 00:00:00.0
Wang Object ID: 550700237
Gallons: 1111
Wall Size: Single
Occupancy Type Desc: Residential
Federally Regulated UST: N
Marketer: No
Cust ID: 375918
Owner: VACANT HOME
Owner Address: 417 COUNTY ROAD UU
Owner PO Box:
Owner City: HUDSON
Owner State: WI
Owner Zip: 54016
Building Name: VACANT HOME
Building Address: 417 COUNTY ROAD UU
Building City: HUDSON
Building Zip: 54016

Site:
821 CONLEE TR HUDSON WI 54016 UST

Site ID: 82490
Object Type: UST
Municipality Type: C
Municipality Name: HUDSON
Land Owner Type: Private
Fire Dept Name: Hudson
County: 55
Fire Dept ID: 5507

--Details--
Reg Object ID: 338398
Tank Status: Closed/Removed
Tank Contents: Fuel Oil
Tank Status Dt: 1992-11-15 00:00:00.0
Wang Object ID: 550700288
Gallons: 500
Wall Size: Single
Occupancy Type Desc: Residential
Federally Regulated UST: N
Marketer: No
Cust ID: 311929
Owner: GERALD & PATRICIA CEDERHOLM
Owner Address: 821 CONLEE TRAIL
Owner PO Box:
Owner City: TROY
Owner State: WI
Owner Zip: 54016
Building Name: GERALD CEDERHOLM
Building Address: 821 CONLEE TR
Building City: HUDSON
Building Zip: 54016

Site:
680 COUNTY U HUDSON WI 54016 UST

Site ID: 132654
Object Type: UST
Municipality Type: C
Municipality Name: HUDSON
Land Owner Type: County
Fire Dept Name: Hudson
County: 55
Fire Dept ID: 5507

--Details--

Reg Object ID:	338484
Tank Status:	Closed/Removed
Tank Contents:	Diesel
Tank Status Dt:	1994-01-06 00:00:00.0
Wang Object ID:	550700374
Gallons:	2000
Wall Size:	Single
Occupancy Type Desc:	Government Fleet
Federally Regulated UST:	Y
Marketer:	No
Cust ID:	368566
Owner:	ST CROIX COUNTY HWY DEPT
Owner Address:	920 3RD ST
Owner PO Box:	108
Owner City:	HAMMOND
Owner State:	WI
Owner Zip:	54015
Building Name:	ST CROIX COUNTY HWY DEPT
Building Address:	680 CTH U
Building City:	HUDSON
Building Zip:	54016

Reg Object ID:	338334
Tank Status:	Closed/Removed
Tank Contents:	Fuel Oil
Tank Status Dt:	1989-11-21 00:00:00.0
Wang Object ID:	550700221
Gallons:	2000
Wall Size:	Single
Occupancy Type Desc:	Government Fleet
Federally Regulated UST:	N
Marketer:	No
Cust ID:	368566
Owner:	ST CROIX COUNTY HWY DEPT
Owner Address:	920 3RD ST
Owner PO Box:	108
Owner City:	HAMMOND
Owner State:	WI
Owner Zip:	54015
Building Name:	ST CROIX COUNTY HWY DEPT
Building Address:	680 CTH U
Building City:	HUDSON
Building Zip:	54016

Site:

669 COUNTY N HUDSON WI 54016 UST

Site ID:	135273	***Land Owner Type:***	Private
Object Type:	UST	***Fire Dept Name:***	Hudson
Municipality Type:	C	***County:***	55
Municipality Name:	HUDSON	***Fire Dept ID:***	5507

--Details--

Reg Object ID:	338181
Tank Status:	Closed/Removed
Tank Contents:	Unleaded Gasoline
Tank Status Dt:	1992-10-13 00:00:00.0
Wang Object ID:	550700068
Gallons:	300
Wall Size:	Single
Occupancy Type Desc:	Agricultural
Federally Regulated UST:	N
Marketer:	No
Cust ID:	280705
Owner:	SYLVESTER BAKER

Owner Address: 651 COUNTY ROAD N
Owner PO Box:
Owner City: HUDSON
Owner State: WI
Owner Zip: 54016
Building Name: SYLVESTER BAKER
Building Address: 669 COUNTY N
Building City: HUDSON
Building Zip: 54016

Site:
415 COUNTY UU HUDSON WI 54016 UST

Site ID: 664069
Object Type: UST
Municipality Type: C
Municipality Name: HUDSON
Land Owner Type: Private
Fire Dept Name: Hudson
County: 55
Fire Dept ID: 5507

--Details--
Reg Object ID: 917832
Tank Status: Closed/Removed
Tank Contents: Fuel Oil
Tank Status Dt: 2002-09-03 00:00:00.0
Wang Object ID:
Gallons: 500
Wall Size:
Occupancy Type Desc: Residential
Federally Regulated UST: N
Marketer: No
Cust ID: 942617
Owner: ARNOLD FETT
Owner Address: 415 COUNTY UU
Owner PO Box:
Owner City: HUDSON
Owner State: WI
Owner Zip: 54016
Building Name: ARNOLD FETT
Building Address: 415 COUNTY UU
Building City: HUDSON
Building Zip: 54016

Site:
W8139 COUNTY HWY A RICHMOND WI 54166 UST

Site ID: 142755
Object Type: UST
Municipality Type: T
Municipality Name: RICHMOND
Land Owner Type: Private
Fire Dept Name: Shawano
County: 58
Fire Dept ID: 5810

--Details--
Reg Object ID: 345254
Tank Status: Closed/Removed
Tank Contents: Diesel
Tank Status Dt: 1996-08-12 00:00:00.0
Wang Object ID: 581000590
Gallons: 550
Wall Size: Single
Occupancy Type Desc: Agricultural
Federally Regulated UST: N
Marketer: No
Cust ID: 378822
Owner: WARREN GUETHS
Owner Address: W8139 CTH A
Owner PO Box:
Owner City: SHAWANO

Owner State: WI
Owner Zip: 54166
Building Name: WARREN GUETHS FARM
Building Address: W8139 CTH A
Building City: RICHMOND
Building Zip: 54166

Reg Object ID: 345255
Tank Status: Closed/Removed
Tank Contents: Fuel Oil
Tank Status Dt: 1996-08-12 00:00:00.0
Wang Object ID: 581000591
Gallons: 300
Wall Size: Single
Occupancy Type Desc: Agricultural
Federally Regulated UST: N
Marketer: No
Cust ID: 378822
Owner: WARREN GUETHS
Owner Address: W8139 CTH A
Owner PO Box:
Owner City: SHAWANO
Owner State: WI
Owner Zip: 54166
Building Name: WARREN GUETHS FARM
Building Address: W8139 CTH A
Building City: RICHMOND
Building Zip: 54166

Reg Object ID: 345256
Tank Status: Closed/Removed
Tank Contents: Leaded Gasoline
Tank Status Dt: 1996-08-12 00:00:00.0
Wang Object ID: 581000592
Gallons: 550
Wall Size: Single
Occupancy Type Desc: Agricultural
Federally Regulated UST: N
Marketer: No
Cust ID: 378822
Owner: WARREN GUETHS
Owner Address: W8139 CTH A
Owner PO Box:
Owner City: SHAWANO
Owner State: WI
Owner Zip: 54166
Building Name: WARREN GUETHS FARM
Building Address: W8139 CTH A
Building City: RICHMOND
Building Zip: 54166

Reg Object ID: 345253
Tank Status: Closed/Removed
Tank Contents: Diesel
Tank Status Dt: 1996-08-12 00:00:00.0
Wang Object ID: 581000589
Gallons: 1000
Wall Size: Single
Occupancy Type Desc: Agricultural
Federally Regulated UST: N
Marketer: No
Cust ID: 378822
Owner: WARREN GUETHS
Owner Address: W8139 CTH A
Owner PO Box:
Owner City: SHAWANO
Owner State: WI
Owner Zip: 54166
Building Name: WARREN GUETHS FARM
Building Address: W8139 CTH A

Building City: RICHMOND
Building Zip: 54166

Site:
1103 COUNTY ROAD A BURKHARDT WI 54016

UST

Site ID: 765680
Object Type: UST
Municipality Type: T
Municipality Name: HUDSON
Land Owner Type: Private
Fire Dept Name: St Joseph
County: 55
Fire Dept ID: 5505

--Details--
Reg Object ID: 1355747
Tank Status: In Use
Tank Contents: Unleaded Gasoline
Tank Status Dt:
Wang Object ID:
Gallons: 12000
Wall Size: Double
Occupancy Type Desc: Retail Fuel Sales
Federally Regulated UST: Y
Marketer: Yes
Cust ID: 278106
Owner: AMWEST INC
Owner Address: 736 4TH ST
Owner PO Box:
Owner City: NEW RICHMOND
Owner State: WI
Owner Zip: 54017
Building Name: BOB AND STEVE'S BP # 17
Building Address: 1103 COUNTY ROAD A
Building City: HUDSON
Building Zip: 54016

Reg Object ID: 1355739
Tank Status: In Use
Tank Contents: Diesel
Tank Status Dt:
Wang Object ID:
Gallons: 4000
Wall Size: Double
Occupancy Type Desc: Retail Fuel Sales
Federally Regulated UST: Y
Marketer: Yes
Cust ID: 278106
Owner: AMWEST INC
Owner Address: 736 4TH ST
Owner PO Box:
Owner City: NEW RICHMOND
Owner State: WI
Owner Zip: 54017
Building Name: BOB AND STEVE'S BP # 17
Building Address: 1103 COUNTY ROAD A
Building City: HUDSON
Building Zip: 54016

Reg Object ID: 1355745
Tank Status: In Use
Tank Contents: Diesel
Tank Status Dt:
Wang Object ID:
Gallons: 4000
Wall Size: Double
Occupancy Type Desc: Retail Fuel Sales
Federally Regulated UST: Y
Marketer: Yes
Cust ID: 278106

Owner:	AMWEST INC
Owner Address:	736 4TH ST
Owner PO Box:	
Owner City:	NEW RICHMOND
Owner State:	WI
Owner Zip:	54017
Building Name:	BOB AND STEVE'S BP # 17
Building Address:	1103 COUNTY ROAD A
Building City:	HUDSON
Building Zip:	54016
Reg Object ID:	1355746
Tank Status:	In Use
Tank Contents:	Unleaded Gasoline
Tank Status Dt:	
Wang Object ID:	
Gallons:	6000
Wall Size:	Double
Occupancy Type Desc:	Retail Fuel Sales
Federally Regulated UST:	Y
Marketer:	Yes
Cust ID:	278106
Owner:	AMWEST INC
Owner Address:	736 4TH ST
Owner PO Box:	
Owner City:	NEW RICHMOND
Owner State:	WI
Owner Zip:	54017
Building Name:	BOB AND STEVE'S BP # 17
Building Address:	1103 COUNTY ROAD A
Building City:	HUDSON
Building Zip:	54016

Site:

131 COUNTY RD E SAINT JOSEPH WI 54082

UST

Site ID:	826727	***Land Owner Type:***	Private
Object Type:	UST	***Fire Dept Name:***	St Joseph
Municipality Type:	T	***County:***	55
Municipality Name:	SAINT JOSEPH	***Fire Dept ID:***	5505

--Details--

Reg Object ID:	1613901
Tank Status:	Closed/Removed
Tank Contents:	Fuel Oil
Tank Status Dt:	2016-06-07 00:00:00.0
Wang Object ID:	
Gallons:	1000
Wall Size:	
Occupancy Type Desc:	Residential
Federally Regulated UST:	N
Marketer:	No
Cust ID:	1356802
Owner:	DAVID S PLAHN
Owner Address:	131 COUNTY RD E
Owner PO Box:	
Owner City:	SAINT JOSEPH
Owner State:	WI
Owner Zip:	54082
Building Name:	DAVID S PLAHN
Building Address:	131 COUNTY RD E
Building City:	SAINT JOSEPH
Building Zip:	54082

Site:

S COVE RD HUDSON WI 54016

UST

Site ID:	58687	***Land Owner Type:***	Private
Object Type:	UST	***Fire Dept Name:***	Hudson
Municipality Type:	C	***County:***	55
Municipality Name:	HUDSON	***Fire Dept ID:***	5507

--Details--

Reg Object ID:	338309
Tank Status:	In Use
Tank Contents:	Fuel Oil
Tank Status Dt:	
Wang Object ID:	550700196
Gallons:	1000
Wall Size:	Single
Occupancy Type Desc:	Residential
Federally Regulated UST:	N
Marketer:	No
Cust ID:	284052
Owner:	BRUCE A ZELLMER
Owner Address:	S COVE RD RT 3
Owner PO Box:	
Owner City:	HUDSON
Owner State:	WI
Owner Zip:	54016
Building Name:	BRUCE A ZELLMER
Building Address:	S COVE RD
Building City:	HUDSON
Building Zip:	54016

Reg Object ID:	338308
Tank Status:	In Use
Tank Contents:	Fuel Oil
Tank Status Dt:	
Wang Object ID:	550700195
Gallons:	1000
Wall Size:	Single
Occupancy Type Desc:	Residential
Federally Regulated UST:	N
Marketer:	No
Cust ID:	284052
Owner:	BRUCE A ZELLMER
Owner Address:	S COVE RD RT 3
Owner PO Box:	
Owner City:	HUDSON
Owner State:	WI
Owner Zip:	54016
Building Name:	BRUCE A ZELLMER
Building Address:	S COVE RD
Building City:	HUDSON
Building Zip:	54016

Site:

1405 COUNTY V SAINT JOSEPH WI 54082

UST

Site ID:	144898	***Land Owner Type:***	Private
Object Type:	UST	***Fire Dept Name:***	St Joseph
Municipality Type:	T	***County:***	55
Municipality Name:	HAMMOND	***Fire Dept ID:***	5505

--Details--

Reg Object ID:	337947
Tank Status:	Closed/Removed
Tank Contents:	Unleaded Gasoline
Tank Status Dt:	1994-05-12 00:00:00.0
Wang Object ID:	550500086
Gallons:	265
Wall Size:	Single

Occupancy Type Desc: Residential
Federally Regulated UST: N
Marketer: No
Cust ID: 381605
Owner: WILLIAM HENDRICKSON
Owner Address: 1405 CTY V
Owner PO Box:
Owner City: ST JOSEPH
Owner State: WI
Owner Zip: 54082
Building Name: WILLIAM A HENDRICKSON
Building Address: 1405 COUNTY V
Building City: HOULTON
Building Zip: 54082

Site:
2237 COUNTY I N SOMERSET WI 54025 UST

Site ID: 51000
Object Type: UST
Municipality Type: V
Municipality Name: SOMERSET
Land Owner Type: Private
Fire Dept Name: Somerset
County: 55
Fire Dept ID: 5503

--Details--
Reg Object ID: 337780
Tank Status: Closed/Removed
Tank Contents: Leaded Gasoline
Tank Status Dt: 1995-10-10 00:00:00.0
Wang Object ID: 550300202
Gallons: 560
Wall Size: Single
Occupancy Type Desc: Residential
Federally Regulated UST: N
Marketer: No
Cust ID: 276034
Owner: ALAN BECKER
Owner Address: 77 COULEE RD APT 119
Owner PO Box:
Owner City: HUDSON
Owner State: WI
Owner Zip: 54016
Building Name: ALAN BECKER
Building Address: 2237 COUNTY I N
Building City: SOMERSET
Building Zip: 54025

Site:
314 COUNTY RD E SAINT JOSEPH WI 54082 UST

Site ID: 183863
Object Type: UST
Municipality Type: T
Municipality Name: SAINT JOSEPH
Land Owner Type: Private
Fire Dept Name: St Joseph
County: 55
Fire Dept ID: 5505

--Details--
Reg Object ID: 636421
Tank Status: Closed/Removed
Tank Contents: Fuel Oil
Tank Status Dt: 1999-10-20 00:00:00.0
Wang Object ID:
Gallons: 500
Wall Size: Single
Occupancy Type Desc: Residential
Federally Regulated UST: N
Marketer: No

Cust ID: 680268
Owner: WAYNE MCKENZIE
Owner Address: 314 COUNTY RD E
Owner PO Box:
Owner City: HOULTON
Owner State: WI
Owner Zip: 54082
Building Name: WAYNE MCKENZIE
Building Address: 314 COUNTY RD E
Building City: SAINT JOSEPH
Building Zip: 54082

Site:
402 COUNTY TRK UU HUDSON WI 54016 UST

Site ID: 670397
Object Type: UST
Municipality Type: C
Municipality Name: HUDSON
Land Owner Type: Private
Fire Dept Name: Hudson
County: 55
Fire Dept ID: 5507

--Details--
Reg Object ID: 940701
Tank Status: Closed/Removed
Tank Contents: Fuel Oil
Tank Status Dt: 2004-01-07 00:00:00.0
Wang Object ID:
Gallons: 500
Wall Size:
Occupancy Type Desc: Residential
Federally Regulated UST: N
Marketer: No
Cust ID: 955689
Owner: PRAIRIE VIEW LLP
Owner Address: 512 SECOND ST
Owner PO Box:
Owner City: HUDSON
Owner State: WI
Owner Zip: 54016
Building Name: PRAIRIE VIEW LLP
Building Address: 402 COUNTY TRK UU
Building City: HUDSON
Building Zip: 54016

Reg Object ID: 940707
Tank Status: Closed/Removed
Tank Contents: Fuel Oil
Tank Status Dt: 2004-01-07 00:00:00.0
Wang Object ID:
Gallons: 1000
Wall Size:
Occupancy Type Desc: Residential
Federally Regulated UST: N
Marketer: No
Cust ID: 955689
Owner: PRAIRIE VIEW LLP
Owner Address: 512 SECOND ST
Owner PO Box:
Owner City: HUDSON
Owner State: WI
Owner Zip: 54016
Building Name: PRAIRIE VIEW LLP
Building Address: 402 COUNTY TRK UU
Building City: HUDSON
Building Zip: 54016

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Mar 1, 2017

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Mar 1, 2017

Deleted NPL: DELETED NPL

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Government Publication Date: Mar 1, 2017

SEMS List 8R Active Site Inventory: SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Feb 7, 2017

SEMS List 8R Archive Sites: SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Feb 7, 2017

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Dec 12, 2016

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Dec 12, 2016

RCRA Generator List: RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Dec 12, 2016

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Dec 12, 2016

RCRA Conditionally Exempt Small Quantity Generators List: RCRA CESQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Dec 12, 2016

RCRA Non-Generators: RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Dec 12, 2016

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 20, 2016

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jan 20, 2016

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 8, 2017

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 3, 2017

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 6, 2016

State

Hazard Ranking List: SHWS

Last published in 1994, this is a list of sites which were investigated by the Deparment of Natural Resources (DNR) under the Wisconsin Environmental Repair Law. Hazard ranking of a site or facility was performed to determine if the site or facility presents a substantial danger to the public health, or welfare, or the environment. The DNR Bureau for Remediation and Redevelopment now maintains other programs for the investigation and cleanup of potential and confirmed contamination to soil and groundwater in Wisconsin. This database is state equivalent CERCLIS.

Government Publication Date: July 1994

Licensed Solid Waste Landfills: SWF/LF

List of licensed solid waste landfills in the state of Wisconsin as recorded by the Department of Natural Resources (DNR). The DNR regulates landfills to prevent negative impacts to people and the environment. DNR staff inspect landfills regularly.

Government Publication Date: Jan 10, 2017

The Historic Registry of Waste Disposal Sites: WDS

Prior to development of on-line databases, the Wisconsin Department of Natural Resources (DNR) provided public information about old waste disposal facilities in a printed publication called the Historic Registry of Waste Disposal Sites (the "Registry").

Government Publication Date: Jul 22, 2013

Solid & Hazardous Waste Information Management System: SHWIMS

List of sites and facilities in the Solid and Hazardous Waste Information System (SHWIMS) regulated by the Wisconsin Department of Natural Resources (DNR) Waste and Materials Management (WMM) program. Activities that occur at site facilities include landfill operation, waste transportation, hazardous waste generation, wood burning, waste processing, sharps collection and many more.

Government Publication Date: Mar 8, 2017

Leaking Underground Storage Tanks: LUST

List of Leaking Underground Storage Tank (LUST) sites as recorded by the Department of Natural Resources (DNR). When petroleum products are released from underground tanks into the soil or groundwater, the DNR will work with the responsible party and environmental professionals to clean up the spill to state standards.

Government Publication Date: Feb 3, 2017

Leaking Aboveground Storage Tanks: LAST

List of Leaking Aboveground Storage Tank (LAST) sites as recorded by the Department of Natural Resources (DNR). When petroleum products are released from tanks into the soil or groundwater, the DNR will work with the responsible party and environmental professionals to clean up the spill to state standards.

Government Publication Date: Feb 3, 2017

Underground Storage Tanks: UST

List of underground storage tank locations regulated by the Storage Tank Regulation Section of the Wisconsin Department of Agriculture, Trade, and Consumer Protection. Regulation and administration is outlined in the Wisconsin Administrative Code SPS 310 - Flammable and Combustible Liquids.

Government Publication Date: Oct 14, 2016

Aboveground Storage Tanks: AST

List of aboveground storage tanks regulated by the Storage Tank Regulation Section of the Wisconsin Department of Agriculture, Trade, and Consumer Protection. Regulation and administration is outlined in the Wisconsin Administrative Code SPS 310 - Flammable and Combustible Liquids.

Government Publication Date: Oct 14, 2016

Delisted Storage Tanks: DEL STORAGE TANK

This database contains a list of closed storage tank sites that were removed from the storage tank database regulated by the Storage Tank Regulation Section of the Wisconsin Department of Agriculture, Trade, and Consumer Protection.

Government Publication Date: Oct 14, 2016

Delisted Leaking Tanks: DELISTED TANK

This database contains a list of closed leaking tank sites that were removed from the leaking tank database regulated by the Storage Tank Regulation Section of the Wisconsin Department of Natural Resources.

Government Publication Date: Feb 3, 2017

Closed Remediation Sites: CRS

List of sites which have undergone remediation and where particular legal restrictions on property use are in place. To be considered a Closed Remediation Site, the Department of Natural Resources must be satisfied that no further efforts are necessary provided that the property is not used for certain purposes.

Government Publication Date: Mar 27, 2017

Deed Restriction at Closeout Sites: AUL

List of sites for which a deed restriction is recorded at the Register of Deeds office. Deed restrictions limit property use or outline requirements for actions prior to future use. Deed restrictions are applied in cases where there is known soil contamination that is impracticable to remove, or an engineering requirement or NR270 industrial standards are in place.

Government Publication Date: Feb 3, 2017

Voluntary Party Liability Exemption Sites: VCP

List of sites which have participated in the Voluntary Party Liability Exemption (VPLE) program, an elective environmental cleanup program administered by the Wisconsin Department of Natural Resources (DNR), and received an exemption from future environmental liability. Any individual, business or unit of government that conducts an environmental investigation and cleanup of a contaminated property - following state requirements with the oversight of DNR staff - can receive an exemption from future environmental liability. With some restrictions, most properties that have had a discharge of a hazardous substance are eligible for VPLE.

Government Publication Date: Feb 3, 2017

Brownfields Environmental Assessment Program: BEAP

List of sites which participated in the Brownfields Environmental Assessment Program (BEAP) - a federal program that assisted municipalities with Environmental Site Assessments (ESAs) for tax delinquent or bankrupt properties, or properties a local government acquired for redevelopment. Site assessments to determine property contamination were conducted by the Department of Natural Resources staff.

Government Publication Date: Feb 3, 2017

Brownfields Listing: BROWNFIELDS

The Department of Natural Resource (DNR)'s Remediation and Redevelopment program has a wide range of financial and liability tools available to assist local governments, businesses, lenders and others to clean up and redevelop brownfields in Wisconsin. DNR describes brownfields as abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfield properties present public health, economic, environmental and social challenges to the rural and urban communities in which they are located.

Government Publication Date: Feb 3, 2017

Environmental Repair: ERP

Environmental Repair Program sites are those other than Leaking Underground Storage Tanks (LUSTs) that have contaminated soil and/or groundwater. Examples include industrial spills (or dumping) that need long term investigation, buried containers of hazardous substances, and closed landfills that have caused contamination.

Government Publication Date: Feb 3, 2017

Tribal

Leaking Underground Storage Tanks on Indian Lands: INDIAN LUST

LUSTs on Tribal/Indian Lands in EPA Region 5, which includes Michigan, Minnesota, and Wisconsin.

Government Publication Date: Nov 14, 2016

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

USTs on Tribal/Indian Lands in Region 5, which includes Michigan, Minnesota, and Wisconsin.

Government Publication Date: Nov 14, 2016

Delisted Tribal Leaking Storage Tanks: DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Nov 14, 2016

Delisted Tribal Underground Storage Tanks: DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Nov 14, 2016

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Oct 13, 2016

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: 1987-2015

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Feb 28, 2017

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Feb 14, 2017

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA of the Act) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified ongressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2014

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Nov 12, 2013

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 09, 2016

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Sep 14, 2016

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Sep 14, 2016

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Nov 22, 2016

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Sep 13, 2016

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 07, 2016

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Feb 3, 2017

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Feb 28, 2017

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Jan 1, 2017

State

Spills: SPILLS

List of spill events in the Wisconsin Department of Natural Resources (DNR) Bureau for Remediation and Redevelopment Tracking System. The Wisconsin DNR describes a spill as a discharge of a hazardous substance that may adversely impact, or threaten to impact public health, welfare or the environment.

Government Publication Date: Feb 3, 2017

Wisconsin Agricultural Spills: AGSPILLS

List of agricultural spill sites reported to the Wisconsin Department of Agriculture, Trade and Consumer Protection. The Agricultural Chemical Cleanup Program (ACCP) is in place to identify and manage pesticide and fertilizer spills to prevent these products from reaching the groundwater. Once a site has been identified as requiring remediation, the ACCP provides reimbursement for eligible costs incurred by the responsible person.

Government Publication Date: Jan 25, 2017

Wisconsin Bureau for Remediation and Redevelopment Tracking System: BRRTS

The Wisconsin Bureau for Remediation and Redevelopment Tracking System (BRRTS) contains information on the investigation and cleanup of potential and confirmed contamination to soil and groundwater in Wisconsin. This database includes: sites where an abandoned container with potentially hazardous contents has been inspected and recovered, and no known discharge to the environment has occurred; sites where there was, or may have been, a discharge to the environment and, based on the known information, the Department of Natural Resources (DNR) has determined that the responsible party does not need to undertake an investigation or cleanup in response to that discharge; and sites which have been removed from the tracking system and archived.

Government Publication Date: Feb 3, 2017

Wisconsin Agricultural Spills - Remediation Locations: AG SPILL REMED

List of agricultural spill site remediation locations made available by the Wisconsin Department of Agriculture, Trade and Consumer Protection. The Agricultural Chemical Cleanup Program (ACCP) is in place to identify and manage pesticide and fertilizer spills to prevent these products from reaching the groundwater. Once a site has been identified as requiring remediation, the ACCP provides reimbursement for eligible costs incurred by the responsible person.

Government Publication Date: Jan 25, 2017

Delisted BRRT: DELISTED BRRT

The Wisconsin Bureau for Remediation and Redevelopment Tracking System (BRRTS) maintained by the Wisconsin Department of Natural Resources contains information on the investigation and cleanup of potential and confirmed contamination to soil and groundwater in Wisconsin. Sites and site details are removed from the data made available to the public when the source of contamination is unclear and an investigation to determine the source of contamination is in progress.

Government Publication Date: Oct 27, 2015

Five Star Recognition Program Sites: DRYCLEANERS

The purpose of Wisconsin's Five Star Environmental Recognition Program for Drycleaners was to encourage drycleaners to become more environmentally-friendly. The program was divided into five different star categories, with the ultimate goal being to achieve the Five Star status. The program was sponsored by the Wisconsin Fabricare Institute (WFI), in cooperation with the Department of Natural Resources, the Department of Commerce, the University of Wisconsin Extension-Solid and Hazardous Waste Education Center and the Center for Neighborhood Technology. WFI discontinued the program on Jan 1, 2013

Government Publication Date: Jan 1, 2013

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Search Instructions | Search by Site, Owner, or Tank Characteristics | Search by Tank ID

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 735143 DAVID BROWN	55 - ST CROIX	ID: 1266791
784 COUNTY RD E	Town of SAINT JOSEPH	DAVID R BROWN
HUDSON	Fire Dept ID: 5505 - St Joseph	784 COUNTY RD E
Landowner Type: Private		HUDSON WI 54016

Site Anniversary Date: Dispensers have Sumps: Unknown

Underground Storage Tank - ID: 1447846, Wang ID: null, Closed/Removed as of 08/05/2010

Install Date:		**Capacity in Gallons:**	560	**Contents:**	Fuel Oil
Tank Occupancy:	Residential	**Marketer:**	N	**CAS Number:**	
Federally Regulated:	N	**Spill Protection:**	Required - Not Installed	**Overfill Protection:**	Required - Not Installed
Overfill Prot Type:	null	**Containment Sump Installed:**	Unknown		
Corrosion Protect Type:		**Date of Lining:**		**Lining Inspected Date:**	
Leak Detection:	Unknown	**Cath Test Date:**		**Cath Expire Date:**	
Leak Test Meth:		**Leak Expire Date:**		**Leak Test Date:**	
Construction Material:	Coated Steel	**Wall Size:**		**Underground Piping:**	Y
Close Order Date:		**Close Order By:**			

Piping - Closed/Removed

Flex Connectors:		**UST mainfolded:**		**Related Tank ID:**	
Type:		**Aboveground Piping:**		**Aboveground Pipe Construction:**	
Construction Material:	Copper	**Corrosion Protect Type:**		**Leak Detection:**	null
Cath Test Date:		**Cath Expire Date:**		**Leak Test Meth:**	
Leak Test Date:		**Leak Expire Date:**		**Pipe Wall Size:**	
Catastrophic Leak Detection:		**Cat Leak Test Date:**		**Piping System Type:**	

Inspections Click here for login page

Trans ID	Type	Status	Date	Fiscal Yr

**** No inspections for this tank ****

Close this response window

Wisconsin Department of Safety and Professional Services

RR Sites Map

Legend

- Open Site (ongoing cleanup)
- Open Site Boundary
- Closed Site (completed cleanup)
- Closed Site Boundary
- Groundwater Contamination
- Soil Contamination
- Groundwater and Soil Contamination
- Dryclean Environmental Response Fund (DERF)
- Green Space Grant (2004-2009)
- Ready for Reuse
- Site Assessment Grant (2001-2009)
- State Funded Response
- Sustainable Urban Development Zone (S
- General Liability Clarification Letters
- Superfund NPL
- Voluntary Party Liability Exemption
- Municipality
- State Boundaries
- County Boundaries

Major Roads

- Interstate Highway
- State Highway
- US Highway

County and Local Roads

- County HWY

Notes

0.5 0 0.25 0.5 Miles

NAD_1983_HARN_Wisconsin_TM

1: 15,840

Note: Not all sites are mapped.

Appendix E

Field Reconnaissance Photos

Sheet 1

Looking west from intersection with CTH A. Note overhead electric utilities.

Buried telephone along project corridor.

Buried natural gas along project corridor.

Buried electric along project corridor.

Sheet 2

Pole mounted transformer along project corridor.

Buried fiber optic cable along project corridor.

Viewing east along project corridor. CTH A in the distance.

Viewing west along project corridor.

Sheet 3

Buried natural gas pipe marked along project corridor.

Viewing west along project corridor. CTH I in the distance.

Willow River State Park along project Corridor.

Viewing west at intersection with CTH I.